LIMITED SITE ASSESSMENT (LSA) REPORT PROBES 184/185 AND 196/200/201 INVESTIGATION AREAS

for

Marine Corps Air Station – New River, NC

Baker

Virginia Beach, VA

Contract No. FA8903-04-D-8684-0003

APRIL 2007

Limited Site Assessment Report

A. Site Identification

DATE OF REPORT: **4/16/2007**
Facility I.D.: **V-002740** UST Incident Number (if known):
Site Name: **New River Rapid Refuel System** Building: AS-511
Site Location: **Marine Corps Air Station**
Nearest City/Town: **Jacksonville** County: **Onslow**

UST Owner: **Marine Corps Base Camp Lejeune (USMC)**
Address**: PSC Box 20004, Attn: EMD, Camp Lejeune MCB, NC 28542** Phone: 910-451-9660

UST Operator: **Marine Corps Air Station, New River, Fuels Division (USMC)**
Address: **Building AS-140, Attn: Fuels Officer, MCAS New River, NC 28545** Phone: 910-451-9660

Property Owner: **Commanding Officer, MCB Camp Lejeune**
Address: **PSC Box 20004, Camp LeJeune MCB, NC 28542** Phone: 910-451-9660

Property Occupant: **Marine Corps Air Station, New River, Fuels Division (USMC)**
Address: **Building AS-140, Attn: Fuels Officer, MCAS New River, NC 28545**
Phone: 910-451-9660

Consultant/Contractor: **Michael Baker Jr., Inc.**
Address: **100 Airside Drive, Moon Township, PA 15108** Phone: **412-269-6300**

Release Information

Date Discovered: **11/25/06**
Latitude: **34.42.39** Longitude: `**77.26.46**
Estimated Quantity of Release: **Unknown**
Cause of Release: **Pipeline joints were found leaking following Tracer© pipeline testing hits at five probes along the JP-5 transfer pipeline leading to the New River Air Station Rapid Refuel System.**
Source of Release (e.g., Piping/UST): **6-inch Fiberglass Transfer Pipeline**
Sizes and contents of UST system(s) from which the release occurred): **The New River Air Station contains a JP-5 fueling system consisting of: the Campbell Street Bulk Fuel Farm, six Underground Storage Tanks at the Rapid Refueler System, and approximately 4,000 feet of 6-inch single wall fiberglass underground transfer piping and 1000 feet of 8-inch stainless steel transfer piping. In a typical month approximately 350,000 gallons of JP-5 is transferred and in a typical year approximately 3.8 million gallons of JP-5 is transferred to the Rapid Refueler System.**

I, Daniel S. Fisher, a Licensed Geologist in the State of North Carolina (#1827), for Michael Baker Jr., Inc., a Licensed Corporation in the State of North Carolina (C-372), do certify that the information contained in this report is correct and accurate to the best of my knowledge.

Signed _____ Date 4-12-2007

NORTH CAROLINA LICENSED SEAL 1827 GEOLOGIST DANIEL STEELE FISHER

B. Risk Characterization

Limited Site Assessment Risk Classification and Land Use Form

Part I – Groundwater/Surface Water/Vapor Impacts

High Risk

1. Has the release contaminated any water supply well including any well used for non-drinking purposes? YES/**NO**

2. Is a water supply well used for drinking water located within 1,000 feet of the source area of the release? YES/**NO**

3. Is a water supply well not used for drinking water (e.g., irrigation, washing cars, industrial cooling water, filling swimming pools) located within 250 feet of the source area of the release? YES/**NO**

4. Does groundwater within 500 feet of the source area of the release have the potential for future use (there is no other source of water supply other than the groundwater)? YES/**NO**

5. Do vapors from the release pose a threat of explosion because of accumulation of the vapors in a confined space or pose any other serious threat to public health, public safety or the environment? YES/**NO**

   If yes, describe.

   _____

6. Are there any other factors that would cause the release to pose an imminent danger to public health, public safety, or the environment? YES/**NO**
   If yes, describe.

   _____

Intermediate Risk

7. Is a surface water body located within 500 feet of the source area of the release? YES/**NO**

   If YES, does the maximum groundwater contaminant concentration exceed the surface water quality standards and criteria found in 15A NCAC 2B .0200 by a factor of 10? YES/**NO**

8. Is the source area of the release located within an approved or planned wellhead protection area as defined in 42 USC 300h-7(e)? YES/**NO**
   If yes, describe. **Not Applicable**

9. Is the release located in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985? **YES**/NO

   _____

   If YES, is the source area of the release located in an area in which there is recharge to an unconfined or semi-confined deeper aquifer that is being used or may be used as a source of drinking water? **YES**/NO

   If YES, describe. **The deeper aquifer found under MCAS New River is the Castle Hayne Aquifer. The Castle Hayne aquifer is roughly 35 feet bgs and is separated from the surficial**

aquifer by clay, sandy clay and silt beds averaging 10 feet thick that forms a semi-confining unit. The Castle Hayne aquifer extends to a depth of generally 350 feet bgs. Underlying the Castle Hayne aquifer is a confining unit that separates it from the Beaufort Aquifer.

10. Do the levels of groundwater contamination for any contaminant exceed the gross contamination levels (see Table 9) established by the Department? YES/**NO**

Part II - Land Use
Property Containing Source Area of Release

The questions below pertain to the property containing the source area of the release.

1. Does the property contain one or more primary or secondary residences (permanent or temporary)? **YES**/NO
   Describe. **Residences do not exist within 3600 feet of the leak site.**

2. Does the property contain a school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly? **YES**/NO
   Describe. **Public assembly sites are over 4000 feet away from the leak site. The leak is located in the industrial portion of the base.**

3. Does the property contain a commercial (e.g., retail, warehouse, office/business space, etc.) or industrial (e.g., manufacturing, utilities, industrial research and development, chemical/petroleum bulk storage, etc.) enterprise, an inactive commercial or industrial enterprise, or is the land undeveloped? **YES**/NO
   Describe.
   Industrial Area, Federal Military Base

4. Do children visit the property? **YES**/NO
   Explain. **Children are only permitted in the residential areas of the property. No children are permitted at the Air Station where the leak site was located.**

   Is access to the property reliably restricted consistent with its use (e.g., by fences, security personnel or both)? **YES**/NO
   Explain.
   The source area is located on a fenced military base, which prevents unauthorized access

5. Do pavement, buildings, or other structures cap the contaminated soil? **YES/NO**
   Describe. **Some areas are located beneath the asphalt taxiways and concrete tarmac.**

   If yes, what mechanisms are in place or can be put into place to ensure that the contaminated soil will remain capped in the foreseeable future? **Not applicable**

6. What is the zoning status of the property?
   The property is a located on a Federal Military Base.

7. Is the use of the property likely to change in the next 20 years? YES/**NO**
   Explain. _____

Property Surrounding Source Area of Release
The questions below pertain to the area within 1,500 feet of the source area of the release (excludes property containing source area of the release):

1. What is the distance from the source area of the release to the nearest primary or secondary residence (permanent or temporary)? **3600 feet**

2. What is the distance from the source area of the release to the nearest school, daycare center, hospital, playground, park, recreation area, church, nursing home or other place of public assembly? **4100 feet**

3. What is the zoning status of properties in the surrounding area?
The areas surrounding the property are a Federal Military Base.

4. Briefly characterize the use and activities of the land in the surrounding area. **Land use in the immediate area is a 24-hour a day Marine Corps Air Station. Active aircraft movement and maintenance activities occur on a daily basis. Hangers are located to the west of the rapid refueler and the site is located within the flight line.**

C. Receptor Information

1. Water Supply Wells

There are no water supply wells within 1,500 feet of the subject site.

2. Public Water Supplies

Are public water supplies available within 1,500 feet of the source area of the release? YES/**NO**
If yes, where is the location of the nearest public water lines and the source(s) of the public water supply (indicate on map). Describe. **Not applicable**

3. Surface Water

Identify all surface water bodies (e.g., ditch, pond, stream, lake, and river) within 1,500 feet of the source area of the release. This information must be shown on the USGS topographic map.
There are no surface water bodies within 1,500 feet of the source area of the release. See Figure 1, Site Location Map.

4. Wellhead Protection Areas

Identify all planned or approved wellhead protection areas (e.g., ditch, pond, stream, lake, and river) within 1,500 feet of the source area of the release. This information must be shown on the USGS topographic map. Wellhead protection areas are defined in 42 USC 300h-7(e).
There are no planned or approved wellhead protection areas within 1,500 feet of the source area of the release.

5. Deep Aquifers in the Coastal Plain Physiographic Region:

MCAS New River is located in the Tidewater region of the Atlantic Coastal Plain Province. Deep aquifers that are found under MCAS New River are the Castle Hayne and Beaufort Aquifers. The Castle Hayne Aquifer is roughly 35 feet bgs and is separated from the surficial aquifer by clay, sandy clay and silt beds averaging 10-feet thick that form a semi-confining unit. The Castle Hayne Aquifer extends to a depth of generally 350 feet bgs.

Underlying the Castle Hayne Aquifer is a confining unit that separates it from the Beaufort Aquifer.

NOTE: *This requirement only pertains to releases in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985.*

6. **Subsurface Structures:**

Utilities and pipelines surround the area with an average depth of 4-7 feet.

7. **Property Owners and Occupants:**

The subject site is owned and operated by the commanding officer – Marine Corps Base, Camp Lejeune. See Table B-6.

D. Site Geology and Hydrogeology

Topography and Physiography:

The surface topography at the investigation area is relatively flat and is located in the Coastal Plain Physiographic Region. The topography of the MCAS New River ranges from approximately 16 to 24 feet above mean sea level. Drainage ditches located to the west parallel both the tarmac and taxiway and create an elevation drop of approximately 5 feet. No surface water features exist within 1,500 feet of the source area.

Geology/Hydrogeology:

The geology at MCAS is comprised of unconsolidated sedimentary deposits that consist of interbedded sands, silts, clays, calcareous clays, shell beds, and limestone. These sediments of Cretaceous and Tertiary age are layered in interfingering beds and lenses that thicken to the southeast to a combined thickness of approximately 1,500 feet. They were deposited in marine or near shore environments and overlie igneous and metamorphic basement rocks of pre-Cretaceous age (Cardinell, et al). The Tertiary surficial deposits in the area consist of Belgrade Formation that consists of clay, sandy clay, and silt beds and is part of the Castle Hayne confining unit. The Belgrade Formation tends to be semi-confining in nature because it is laterally discontinuous. The thickness of the unit ranges from approximately 0 to 25 feet and typically averages 9 feet where present. The River Bend Formation underlies these deposits and consists of sand, cemented shells, and limestone and makes up the Castle Hayne Aquifer. The upper portion of the formation consists of calcareous sands with some thin clay and silt beds. The lower portions of the formation consist of partially unconsolidated Cretaceous limestone and sandy limestone interbedded with clay and sand (Cardinell, et al).

Lithologic descriptions of the results from the cone penetrometer (CPT) borings at Release Area 184/185 resulted in surficial layers of silty sand overlying clayey sandy silt which overly a basal sand layer as the predominant soil unit. Interbedded within with this layer are thinner layers of silty sands, clayey silt/silty clays, clays, and sand of which some are discontinuous.

Lithologic descriptions of the results from the CPT borings at Release Area 196/200/201 resulted in interbedded silty sands and clayey sandy silt with discontinuous lenses of sand, clay, and silt throughout. At the southeast portion of the area a consistent sand unit was encountered at approximately 13 ft bgs. This can be seen on the geologic fence diagrams shown on Figures 7 and 8.

Water levels at the investigation area were collected 09 March 2007 and ranged from approximately 6.4 to 11.2 feet below ground surface. Groundwater contours for that date are shown on Figure 12. Groundwater flow direction at Release Area 184/185 is predominantly to the northwest and the groundwater flow direction at Release Area 196/200/201 is appears radial with components to the northwest, north and east. The radial nature of groundwater elevations indicates increased recharge near the latter area. The presence of 0.2 foot of free product at USTAS512MW-15 is suppressing the normal conditions of the groundwater elevation at this location. Using a generalized equation and taking the free product thickness in the well and multiplying it by an average specific gravity for JP-5 jet fuel or 0.2 times 0.8, the resulting equivalent groundwater head is 0.16 feet higher in elevation at USTAS512MW-15.

E. Sampling Results

Phase I Investigation

A Phase I investigation includes the installation of one monitoring well in the source area of a release. Soil samples are to be collected every five feet in the unsaturated zone and should be analyzed in accordance with the methods specified in Table 5 (Analytical Methods for Petroleum Contaminated Soil).If the water table is encountered at 25 feet or greater from the land surface, samples for laboratory analysis should be collected every 10 feet in the unsaturated zone.

Site Investigation - Cone Penetrometer and ROST Testing:

Baker subcontracted Fugro Geosciences, Inc. (Fugro) from Houston, Texas to perform CPT borings in conjunction with a rapid optical screening tool (ROST) using laser induced fluorescence (LIF). The LIF ROST uses a laser to produce light that is pulsed down a fiber optic cable to a sapphire window on the side of the CPT probe. This laser light in turn causes petroleum hydrocarbons in the soil to emit fluorescence. This fluorescence is transmitted back through a second fiber optic cable to a detection system, which is capable of recording distinctive wave patterns in addition to percentage of light fluorescence. Comparison of these wave patterns with known standards can help to identify the types of petroleum hydrocarbons encountered. Readings are collected continuously or approximately one reading per 2 centimeter vertical interval.

A total of 15 CPT borings were advanced in the Release Area 184/185 and a total of 25 CPT borings were advanced in the Release Area 169/200/201 area delineating the extents of the petroleum hydrocarbon impact both horizontally and vertically. The CPT points were placed to provide coverage along the fuel transfer line where Tracer® testing during the Initial Abatement Study detected leaks, see Figures 4 and 5. Borings were advanced between 15 and 20 feet below ground surface. Groundwater was encountered typically between 6 and 12 feet below ground surface. Results of the CPT and ROST data are presented in Appendix A.

Site Investigation - Confirmatory Geoprobe Soil Samples:

Following completion of the CPT and ROST delineation, confirmatory soil samples were collected for comparison. These samples were collected using a Geoprobe drilling rig operated by T. N. and Associates, Inc. using 4-foot disposable acetate sleeves. Samples were submitted to Severn Trent Laboratories, Inc. of Savannah, Georgia (STL-Savannah) and were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), oil and grease, volatile petroleum hydrocarbons (VPHs), and extractable petroleum hydrocarbons (EPHs). It should be noted that the VPH and EPH analysis were completed using the

Massachusetts Department of Environment (MADEP) methods described on the Memorandum dated October 4, 1999.

The Fugro field data was used to target the confirmatory soil sample collection depths. A total of 10 confirmatory soil samples were collected from CPT ROST locations.

Nature and Extent of Contamination - Cone Penetrometer and ROST Testing:

The Fugro results are graphically presented on Figures 14 and 16 for Release Area 184/185 and Figures 15 and 17 for Release Area 196/200/201, showing both the horizontal and vertical delineation of the hydrocarbon impact.

Release Area 184/185

The horizontal impact of Release Area 184/185 extends to the north and south along the underground transfer line between locations CPT/ROST-7 and CPT/ROST-15 (south of the transfer line) to CPT/ROST-1 and CPT/ROST-2 north of the transfer line. The highest impact was limited to CPT/ROST-8 located south of the underground transfer line and southwest of documented leaks noted in the Initial Abatement Measures Report (Baker, 2007). The vertical delineation of the hydrocarbon impact extends from the surface to approximately 13 feet bgs, however, the highest impacted area is generally confined between 6 and 9 feet below ground surface (at and just below the water table surface).

The horizontal limit of the CPT/ROST investigation for Release Area 196/200/201 was bounded to the west and northwest (at locations CPT/ROST-32, CPT/ROST-33, and CPT/ROST-34) because that area was associated with a former release of JP-5 jet fuel. Overall, the horizontal impact extends to the southeast and northeast from the underground transfer line adjacent to the fuel pit associated with Building AS511 where the leaks were documented in the Initial Abatement Report (Baker, 2007). The horizontal impact southeast of the fuel pit associated with Building AS511 extends to location CPT/ROST-21 (using the 50 unit contour for TFI). The vertical delineation of the highest hydrocarbon impact is generally confined between 6 and 10 feet below ground surface (at and just below the water table surface). The only significant exception to this was observed at CPT/ROST 34, which showed hydrocarbon impact extending to 15 feet below ground surface.

Nature and Extent of Contamination – Initial Abatement and Confirmatory Geoprobe Soil Samples:

A total of 10 confirmatory soil samples were collected from multiple locations throughout investigation area for this Limited Site Assessment. In addition, 8 samples were collected at documented underground transfer line leaks during the Initial Abatement Investigation. Results from both investigations will be presented in this section however they will be discussed in association with Release Area 184/185 and Release Area 196/200/201. Figure 4 (Release Area 184/185) and Figure 5 (Release Area 196/200/201) present correlations between the confirmatory soil samples and the CPT sampling locations. Soil samples were analyzed for VOCs, SVOCs, EPH, VPH and Oil and Grease (the LSA ROST samples only). All of the soil samples were collected from depths ranging between 5 and 8 feet bgs. A list of the compounds detected in the soil samples is presented in Table B-3.

Release Area 184/185

One VOC (chloroform) was detected at Release Area 184/185 in the soil samples exceeding the NC Soil-to-Groundwater MSCC. Cloroform was detected at one location (AS511-TA-003) exceeding the soil-to-groundwater concentration of 0.001 mg/kg. None of the VOC detections exceeded the residential or industrial/commercial MSCC. VOC detections in the confirmatory soil and Initial Abatement samples are shown in Table B-3 and on Figure 9.

There were no detections of SVOCs that exceeded the residential or industrial/commercial MSCC. A summary of the SVOC detections in soil samples is shown in Table B-3 for Release Area 184/185 and on Figure 9.

The VPH results were reported as C5-C8 aliphatics, C9-C12 aliphatics, and C9-C10 aromatics. The EPH results were reported as C9-C18 aliphatics, C19-C36 aliphatics, and C11-C22 aromatics. One sample exceeded the C9-C22 aliphatics soil-to-groundwater maximum concentration of 34 mg/kg. CPT/ROST-1 had a concentration of 310 mg/kg which did not exceed the Residential or Industrial/Commercial MSCC (see Table B-3 and Figure 9).

Oil and grease, for which there is no screening criterion, was detected at one location (ROST-1) at a concentration of 56J mg/kg. The samples collected for the Initial Abatement Investigation were not analyzed for oil and grease (see Table B-3 and Figure 9).

Release Area 196/200/201

Nine VOCs were detected at Release Area 196/200/201 in the soil samples exceeding the NC Soil-to-Groundwater MSCC including n-butylbenzene, sec-butylbenzene ethylbenzene, isopropylbenzene, methylene chloride, n-propylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes. Due to the analytical reporting method (SW-846 8260A), the following VOCs n-butylbenzene, sec-butylbenzene, isopropylbenzene, n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene were analyzed during the Initial Abatement Investigation but not for the LSA which used (SW-846 8260B). N-butylbenzene was detected at one location (AS511-TC-007) below the fuel transfer line exceeding the soil-to-groundwater concentration of 4 mg/kg. The soil-to-groundwater concentration of 3 mg/kg was exceeded at two locations (AS511-TB-005SL and AS511-TC-007) below the fuel transfer line. Ethylbenzene exceeded the soil-to-groundwater concentration of 0.24 mg/kg at four locations, one (AS511-TB-005SL) below the fuel transfer line and three (ROST-21, ROST-28 and ROST 35) surrounding the fuel transfer line during the LSA. Isopropylbenzene was reported above the soil-to-groundwater concentration of 2 mg/kg at one location (AS511-TB-005SL) below the fuel transfer line. The soil-to-groundwater concentration of 0.02 mg/kg was exceeded at one location (AS511-TC-008) below the fuel transfer line. Total xylenes at one location (ROST-28) exceeding the soil-to-groundwater concentration of 5 mg/kg. The VOCs n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene exceeded their respective soil-to-groundwater concentrations of 2 mg/kg, 8 mg/kg and 7 mg/kg at one location (AS511-TB-005SL).

In summary; n-butylbenzene, sec-butylbenzene ethylbenzene, isopropylbenzene, methylene chloride, n-propylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes exceeded the soil-to-groundwater maximum contaminant concentrations in at least one of the subsurface soil Initial Abatement or confirmation samples. None of the VOC detections exceeded the residential or industrial/commercial MSCC. VOC detections in the confirmatory soil and Initial Abatement samples are shown in Table B-3 and on Figure 10.

Two SVOCs, 2-methylnaphthalene and naphthalene, were detected at six locations exceeding the soil-to-groundwater maximum contaminant concentration of 3 and 0.58 mg/kg, respectively. Three of the locations (AS511-TB-004L, AS511-TB-005L, and AS511-TC-007) were sampled below the fuel transfer line during the Initial Abatement investigation while the remaining three locations (ROST-21, ROST-28, and ROST 35) were sampled during the LSA. None of the SVOC detections exceeded the residential or industrial/commercial MSCC. A summary of the SVOC detections in soil samples is shown in Table B-3 and on Figure 10.

The VPH results were reported as C5-C8 aliphatics, C9-C12 aliphatics, and C9-C10 aromatics. The EPH results were reported as C9-C18 aliphatics, C19-C36 aliphatics, and C11-C22 aromatics. After evaluation of the data, six of the eighteen soil sample locations exceeded the soil-to-groundwater maximum concentration of 34 mg/kg for C9-C22 aliphatics. These locations included AS511-TB-004L, AS511-TB-005L, AS511-TC-007, ROST-21, ROST-28, and ROST-35. Three of the samples (AS511-TB-004L, AS511-TB-005L, AS511-TC-007) are located under the fuel transfer line in the areas where leaks were detected while the remaining three are in the eastern portion of the delineated impact area (ROST-21) and the northern portion of the impact area (ROST-28 and ROST-35). The residential MSCC of 465 mg/kg was also exceeded in two samples, ROST-28 and ROST-35. Three of the soil sample locations exceeded the soil-to-groundwater maximum concentration of 3255 mg/kg for C9-C18 aromatics. . These locations included AS511-TB-005L, AS511-TC-007, and ROST-21. Two of the samples (AS511-TB-005L and AS511-TC-007) are located under the fuel transfer line in the areas where leaks were detected while the remaining sample (ROST-21) is in the eastern portion of the delineated impact area. The NC Residential or Industrial/Commercial MSCC was not exceeded for C9-C18 aromatics (see Table B-3 and Figure 10).

Oil and grease, for which there is no screening criterion, was detected at all of the confirmatory samples collected during the LSA. The samples collected for the Initial Abatement Investigation were not analyzed for oil and grease. The concentrations ranged from 200 mg/kg at ROST-18 to 4,300 mg/kg at ROST-30 (see Table B-3 and Figure 10).

1. Describe any groundwater sampling from the source area monitoring well(s). Use maps and tables whenever possible:

Site Investigation - Groundwater:

Based on the results of the Fugro delineation, three monitoring wells were installed to augment the existing monitoring well network. One monitoring well (USTAS511MW-11) was installed north of the fuel transfer line at Release Area 184/185 while two monitoring wells were installed north (USTAS511MW-09) and south (USTAS511MW-10) of the fuel transfer line at Release Area 196/200/201. Temporary wells were drilled using a Geoprobe 6620 tracked rig operated by T.N. and Associates, Inc. on February 5, 2007. The temporary wells were installed using Geoprobe® 1.5-inch pre-packed well screens. Typically, the borings were advanced to approximately 5 feet below the ground water surface. Wells were installed with 10 feet of screen to straddle the water table and show any accumulated free product on the water table surface.

The monitoring wells were developed following installation using a peristaltic pump and dedicated tubing on February 6, 2007. The objectives of the well development were to remove very fine-grained sediment in the filter pack and nearby formation to minimize groundwater sample turbidity and silting of the well. Generally, water removal continued until the groundwater appeared to clear of fine sediments.

Groundwater levels were measured using an electric interface probe and collected prior to the sampling event conducted on March 9, 2007. This groundwater level data were not used to construct groundwater contour maps since water levels had no time to equilibrate. Water levels were collected on March 28, 2007 and used to construct a groundwater contour map. Water levels were measured from the top of the flushmount manhole lid edge due to some of the existing wells having the PVC cut over 2 feet below ground surface. This made it very difficult to read the tape. Depths to water and floating product were measured to the nearest 0.01-foot. Light, non-aqueous phase liquids (LNAPLs) were detected in the existing monitoring well USTAS512MW-15 (upgradient well) using an interface probe during the March 9, 2007 gauging event. The LNAPL detected in this well is related to a previous release and not associated with the current fuel transfer line release. This is based on the free product found in USTAS512MW-15 historically.

Monitoring wells were purged and sampled on February 7, 2007 using a peristaltic pump and dedicated tubing. During sample collection, pH, temperature, and specific conductance were measured and recorded in the field book. The groundwater samples were analyzed for VOCs, SVOCs, EPH, and VPH.

Nature and Extent of Contamination - Groundwater:

A total of seven groundwater samples were collected from new and existing monitoring wells. Three of the wells (USTAS512MW-03, USTAS512MW-04, and USTAS511MW-11) sampled are associated with Release Area 184/185 while the remaining four wells (USTAS511MW-09, USTAS511MW-10, USTAS512MW-15 and USTAS512MW-16) are associated with Release Area 196/200/201. Groundwater analytical data is compared to the North Carolina Groundwater (2L) Quality Standards and NC Gross Contamination Levels (GCLs).

Release Area 184/185

One VOC (ethylbenzene) was detected within the sample collected at monitoring well USTAS511MW-11 at a concentration below the NC Groundwater Quality Standard. There were no VOC detections within the samples collected at monitoring wells USTAS512MW-03 and USTAS512MW-04.

Three SVOCs (1-methylnaphthalene, 2-methylnaphthalene and naphthalene) were detected within the sample collected at monitoring well USTAS511MW-11. However, only concentrations of naphthalene (30 µg/l) exceeded the NC Groundwater Quality Standard of 30 µg/l. There were no SVOC detections within the samples collected from monitoring wells USTAS512MW-03 and USTAS512MW-04.

The MADEP aromatics C9-C10 were reported at concentrations of 550 µg/l at well USTAS511MW-11 above the groundwater standard concentration of 210 µg/l. Similar to the confirmatory soil results the C9 through C22 carbon chains are representative of JP-5 jet fuel.

A summary of the parameters detected in the groundwater samples at Release Area 184/185 is provided in Table B-4 and Figure 11 shows the distribution of contaminants above North Carolina groundwater quality standards.

Release Area 196/200/201

Two VOCs were detected with exceedences of the NC Groundwater Quality Standard. None of the sample detections exceeded the GCL. Benzene and ethylbenzene were detected in 2 (USTAS511MW-10 and USTAS512MW-15) out of 4 wells above the standards of 1 µg/l and 29 µg/l, respectively. Benzene and ethylbenzene were also detected in the up gradient well USTAS511MW-09 but not above their respective NC Groundwater Quality Standards. Toluene, methyl ethyl ketone, and total xylenes were also detected but at level below the NC Groundwater Quality Standards. Overall, the VOCs detected which exceeded the groundwater standards were located in USTAS511MW-10 and USTAS512MW-15.

Two SVOCs were detected with exceedences of the NC Groundwater Quality Standard. None of the sample detections exceeded the GCL. The SVOCs 2-methylnaphthalene and naphthalene were detected above their respective groundwater standards of 28 and 21 µg/l at wells USTAS511MW-10 and USTAS512MW-15 and only naphthalene was detected above its respective groundwater standard in USTAS511MW-10.

The MADEP aromatics C9-C10 were reported at concentrations of 750, 2,300 and 3,900 µg/l, respectively, at wells USTAS511MW-09, USTAS511MW-10, and USTAS512MW-15 above the groundwater standard concentration of 210 µg/l. MADEP aromatics C11-C22 were detected within the same monitoring wells at concentrations below the groundwater standard. In addition there were detections of MADEP aliphatics C9-C18 that did not exceed the groundwater standard. Similar to the confirmatory soil results the C9 through C22 carbon chains are representative of JP-5 jet fuel.

A summary of the parameters detected in the groundwater samples at Release Area 196/200/201 is provided in Table B-4 and Figure 12 shows the distribution of contaminants above North Carolina groundwater quality standards.

2. Monitoring well construction information
   See Table B-7.

Phase II Investigation (If required)

The Phase II investigation includes the installation of four additional monitoring wells to be installed as follows: one upgradient of the source of contamination, two downgradient of the source of contamination, and one vertical extent well immediately downgradient of the source but within the area of contamination. The upgradient and downgradient wells must be placed so that groundwater flow direction can be determined.

1. Monitoring well construction information
   See Table B-7.

2. Describe any groundwater sampling from the monitoring well(s). Use maps and tables whenever possible:
   See Figures 11 and 12 and Table B-4

F. Conclusions and Recommendations

Both release areas had the leaks identified and repaired during the initial abatement phase of the investigation. Contaminated soil from around the sides and the top of the leaking JP-5 pipeline was excavated and sent off-site for non-hazardous disposal. The contaminated soil beneath the pipeline was not removed to prevent sagging of the pipeline. Therefore, approximately 2 to 3 feet of impacted soil remains above the water table. The investigation did not indicate impact from either release site above the gross contaminate levels for groundwater. The release sites, although located in the Coastal Province, are greater than 1500 feet from water supply wells, surface water bodies, and residences. It is recommended that the releases be classified as low risk. The two release sites should be incorporated in the Base ERP Monitoring Progam. The rapid refueler area is already monitored on a semi-annual basis for monitored natural attenuation (MNA).

G. Free Product Investigation/Recovery (if applicable)

Free product was discovered in monitoring well USTAS511-MW10 (one of the newly installed wells) on March 28, 2007 during a routine water level gauging event. This free product was removed from this well and USTAS512-MW-15 on April 2, 2007. The source of this product is still being investigated to determine if this is moving product from historical releases or if this is a new release.

H. Site History:

The following activities were performed during the LSA field investigation:

- **Survey**
- **Soil Investigation**
- **Groundwater Investigation**

I. Figures (Please attach the following figures)

7½ minute USGS topographic quadrangle map copy showing an area within a 1,500-foot radius of the source area of the release and depicting the site location, all water supply wells, public water supplies, surface water intakes, surface water bodies, designated well head protection areas, and areas of recharge to deeper aquifers in the Coastal Plan that are or may be used as a source for drinking water.

See Figures 1 and 6

7½ minute USGS topographic quadrangle map copy showing an area within a 1,500-foot radius of the source area of the release and depicting the site location as well as all schools, day care centers, hospitals, playgrounds, parks, recreation areas, churches, nursing homes, or other places of public assembly. Also identify the zoning status of the area within the 1,500-foot radius.

Not applicable, zoned a Federal Military Base

Site map with UST systems location(s) including piping and pump islands, site boundaries, buildings, named roads, subsurface utilities, basements, adjacent properties, scale, and north arrow.

See Figures 2 and 3

Site map showing the results of all soil sampling conducted. Indicate sample identifications, sample locations, sampling depths, and analytical results.

See Figures 4, 5, 9, 10, 14, 15, 16, and 17

Site map showing the results of all groundwater sampling conducted. Indicate sample identifications, sample locations, monitoring well identifications, and analytical results.

See Figures 4, 5, 11, 12, and 13

Site map showing the elevation of groundwater in the monitoring wells and the direction of groundwater flow.

See Figure 13

J. Other Information (Please attach the following information)
Well construction logs and lithologic descriptions;

Appendix A contains the Fugro Report including the cone penetrometer lithologic results. Well construction logs are included in Appendix B.

Site Survey:
A survey of the investigation points was completed by Lanier Surveying Company, Jacksonville, North Carolina. Sample location survey activities included recording the horizontal location, to the nearest 0.1-foot, and vertical elevation to the nearest 0.01-foot for the CPT/ROST borings and monitoring wells. Existing monitoring wells at the Rapid Refueling System Area were used as reference points and enabled this survey to be tied into the existing grid.

Well construction records (Table B-7);

Construction records are included on Table B-7 and in Appendix B and C.

Field measurements (e.g., pH, specific conductivity, temperature, dissolved oxygen, and oxygen reduction potential [ORP]) made during groundwater sampling);

Indicator parameters were collected during the sampling event and included pH, specific conductivity, temperature, dissolved oxygen, and oxygen reduction potential [ORP]. The following table presents the indicator parameters at the seven well locations at the time of sampling;

	pH	Specific Conductance (mS/cm^2)	Temperature (°C)	Dissolved Oxygen (mg/L)	ORP
USTAS512MW-03	7.48	0.368	18.9	1.6	-128
USTAS512MW-04	4.55	0.129	16.4	2.31	267
USTAS511MW-09	5.79	0.296	16.1	4.9	32
USTAS511MW-10	7.22	2.639	16.0	2.4	30
USTAS511MW-11	5.98	0.179	17.3	5.19	19.8
USTAS512MW-15	5.97	0.367	14.7	2.7	-72

USTAS512MW-16	6.39	0.364	15.1	4.0	-41.1

Standard procedures used at site for sampling, field equipment decontamination, field screening, etc.;

IDW:

Investigative derived waste (IDW) generated and containerized during the field investigation included the one 55-gallon drum of temporary well purge water and decontamination water. No soil cuttings were generated during well installation using direct-push technology.

Field decontamination:

Field decontamination procedures for drilling equipment, the interface probe and meters were developed to reduce the potential for cross-contamination between temporary wells.

All drilling equipment (push rods and drive point) decontamination procedures included:

- **Steam cleaning to remove residual material**

Interface probe and meter decontamination procedures included:

- **Wash equipment in potable water with low phosphate soap (alconox or liquinox solution) to remove residual material**
- **Rinse with distilled water**
- **Shake vigorously and air dry (or dry with clean paper towel)**

Field equipment was calibrated at the start of each workday and periodically thereafter to ensure that the equipment was functioning properly and that accurate field data were collected. The YSI™ meter, which collects field measurements for pH, specific conductivity, temperature, dissolved oxygen, and oxygen reduction potential, was calibrated daily or more frequent as deemed necessary by field personnel. Specific calibration procedures were performed in accordance with manufacturer's reference manual(s).

Disposal manifests

The IDW drum is awaiting disposal; therefore, no manifests have been provided.

All laboratory reports and chain-of-custody documents.

Laboratory reports are included in Appendix D. Chain-of-custody documents are included in Appendix D.

TABLES

Table B-1
SITE HISTORY
UST System Information

UST ID Number	**Product** (gasoline, diesel, jet fuel, etc.**)**	**Capacity** (gallons)	**Date Installed** (m/dd/yy)	**Date Permanently Closed (P), or Still in Use* (C)** (m/dd/yy)	**Was Release Associated With UST System?** (Yes / No)
Tank T1	JP-5	20,000	4/1/1994	C	Yes
Tank T2	JP-5	20,000	4/1/1994	C	Yes
Tank T3	Used Fuel	1,000	4/1/1994	3/23/2006	No
Tank T4	Used Fuel	1,000	3/15/2006	C	Yes

* Still in use means not permanently closed.

Table B-2
SITE HISTORY
UST Owner/Operator Information (most recent first)

UST ID Number	**Name of Owner or Operator**	**Dates of Ownership / Operation** [(m/dd/yy) to (m/dd/yy)]	**Owner or Operator?**
T4	U. S. Marine Corps	2006 to Present	Both
Address			**Telephone Number**
PSC Box 20004, Attn:EMD, Camp Lejeune MCB, NC 28542			1-910-451-9660

UST ID Number	**Name of Owner or Operator**	**Dates of Ownership / Operation** [(m/dd/yy) to (m/dd/yy)]	**Owner or Operator?**
T1	U. S. Marine Corps	1994 to Present	Both
Address			**Telephone Number**
PSC Box 20004, Attn:EMD, Camp Lejeune MCB, NC 28542			1-910-451-9660

UST ID Number	**Name of Owner or Operator**	**Dates of Ownership / Operation** [(m/dd/yy) to (m/dd/yy)]	**Owner or Operator?**
T2	U. S. Marine Corps	1994 to Present	Both
Address			**Telephone Number**
PSC Box 20004, Attn:EMD, Camp Lejeune MCB, NC 28542			1-910-451-9660

UST ID Number	**Name of Owner or Operator**	**Dates of Ownership / Operation** [(m/dd/yy) to (m/dd/yy)]	**Owner or Operator?**
T3	U. S. Marine Corps	1994 to 2006	Both
Address			**Telephone Number**
PSC Box 20004, Attn:EMD, Camp Lejeune MCB, NC 28542			1-910-451-9660

UST ID Number	**Name of Owner or Operator**	**Dates of Ownership / Operation** [(m/dd/yy) to (m/dd/yy)]	**Owner or Operator?**
Address			**Telephone Number**

Table B-3
Summary of Soil Sampling Results

Date 4/16/07

Incident Number and Name: Release Areas 184/185 and 196/200/201

Facility ID# V-002740

Analytical Method (e.g., VOC by EPA 8260) →			VOC 8260	VOC 8260	VOC 8260	VOC 8260A	VOC 8260	VOC 8260	VOC 8260	VOC 8260	VOC 8260	VOC 8260	VOC 8260A	VOC 8260	VOC 8260
Sample ID	**Contaminant of Concern** →														
	Date Collected (mm/dd/yy)	**Sample Depth (ft bgs)**	Acetone	Carbon Disulfide	Chloroform	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene	4-Isopropyltoluene	Methylene Chloride	Methyl Ethyl Ketone	Xylenes, Total	Naphthalene
AS511-TA-001L (1)	8/11/2006	6.5	0.0145	<0.00569	<0.00569	<0.00569	<0.00569	<0.00569	<0.00569	<0.00569	<0.00569	0.00953	<0.0285	NA	<0.00569
AS511-TA-002DL (1)	8/11/2006	6.5	0.00155	<0.00505	<0.00505	<0.00569	<0.00505	<0.00505	<0.00505	<0.00505	<0.00505	0.00684	<0.00505	NA	<0.00505
AS511-TA-003 (1)	8/11/2006	6.5	0.011	<0.00638	**0.0231**	<0.00569	<0.00638	<0.00638	<0.00638	<0.00638	<0.00638	0.0156	<0.0319	NA	<0.00638
AS511-TB-004L (1)	8/11/2006	6.5	<4.76	<0.190	<0.190	<0.00569	2.46	1.24	0.097	0.242	0.887	<0.951	<4.760	NA	**2.97**
AS511-TB-005SL (1)	8/11/2006	6.5	<44.9	<1.8	<1.8	<0.00569	<1.8	**9.18**	**1.13**	**2.26**	5.84	<8.98	<44.90	NA	**24**
AS511-TB-006 (1)	8/11/2006	6.5	0.0377	<0.0045	<0.0045	<0.00569	0.00427	0.00425	<0.0045	<0.0045	<0.0045	0.00507	<0.0225	NA	0.0225
AS511-TC-007 (1)	8/11/2006	6.5	<33.2	<1.33	<1.33	<0.00569	**5.54**	**3.93**	<1.33	0.717	1.61	<6.64	<33.20	NA	**10.7**
AS511-TC-008 (1)	8/11/2006	6.5	0.00687	0.0256	<0.00878	<0.00569	<0.00878	<0.00878	0.0104	0.0098	<0.00878	**0.0231**	<.005	NA	0.157
ROST-1	2/6/2007	6 - 8	<0.200	<0.200	<0.200	<0.200	NA	NA	0.066	NA	NA	<0.200	<0.200	0.330J	NA
ROST-5	2/6/2007	6 - 8	0.024J	<0.0095	<0.0095	<0.0095	NA	NA	<0.0095	NA	NA	<0.0095	<0.0480	<0.0095	NA
ROST-10	2/6/2007	5 - 7	<1.500	<0.150	<0.150	<0.150	NA	NA	<0.150	NA	NA	<0.150	<0.750	<0.300	NA
ROST-15	2/6/2007	6 - 8	0.062	<0.0061	<0.0061	<0.0061	NA	NA	<0.0061	NA	NA	<0.0061	0.096J	<0.012	NA
ROST-18	2/6/2007	6 - 8	0.079	0.005	<0.0043	0.0015J	NA	NA	0.023	NA	NA	<0.0043	0.0099J	0.011	NA
ROST-21	2/6/2007	6 - 8	<22.0	<2.2	<2.2	<2.2	NA	NA	**8.3**	NA	NA	<2.2	<11	3.6J	NA
ROST-28	2/6/2007	6 - 8	<26	<2.6	<2.6	<2.6	NA	NA	**2.5**	NA	NA	<2.6	<2.6	**5.5**	NA
ROST-30	2/6/2007	6 - 8	0.072	0.0032J	<0.0057	0.0024J	NA	NA	0.041	NA	NA	<0.0057	0.016J	<0.011	NA
ROST-30D	2/6/2007	6 - 8	0.023J	<0.0054	<0.0054	0.0015J	NA	NA	0.03	NA	NA	<0.0054	0.0061J	<0.011	NA
ROST-35	2/6/2007	6 - 8	<22.0	<2.2	<2.2	<2.2	NA	NA	**3.4**	NA	NA	<2.2	<2.2	2.8J	NA
ROST-40	2/6/2007	6 - 8	<2.0	<0.2	<0.2	<0.2	NA	NA	0.076J	NA	NA	<0.2	<0.2	<0.41	NA
Soil to Groundwater MSCC (mg/kg)			**3**	**4**	**0.001**	**0.0056**	**4**	**3**	**0.24**	**2**	**NE**	**0.02**	**0.7**	**5**	**0.58**
Residential MSCC (mg/kg)			*1564*	*1564*	*100*	*22*	*156*	*156*	*1560*	*1564*	*NE*	*85*	*9385*	*82000*	*63*
Industrial/Commercial MSCC (mg/kg)			40880	40880	938	200	4088	4088	40000	40880	NE	763	245280	200000	1635

(1) Sample from the Initial Abatement Measures Report

Notes

Indicate method detection limit for contaminants when analyzed, but not detected (e.g., <1, 10, 42)

List any contaminants detected above the method detection limit

MSCC = maximum soil contamination concentration

ft. BGS = feet below ground surface

Results must be reported in mg/kg.

mg/kg = milligrams per kilogram

J=Result less than the reporting limit but greater than or equal to the method of detection limit and the concentration is an approximate value.

NE=Not established

Table B-3
Summary of Soil Sampling Results

Date 4/16/07

Incident Number and Name: Release Areas 184/185 and 196/200/201

Facility ID# V-002740

Analytical Method (e.g., VOC by EPA 8260) →			VOC 8260	VOC 8260	VOC 8260	VOC 8260	SVOC 8270	SVOC 8270	SVOC 8270	SVOC 8270	MADEP VPH	MADEP VPH	MADEP VPH
Sample ID	**Contaminant of Concern** →		n-Propyl Benzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	o-Xylene	2-Methylnaphthalene	1-Methylnaphthalene	Naphthalene	Fluorene	C5-C8 VPH	C9-C12 VPH	C9-C10 VPH
	Date Collected (mm/dd/yy)	**Sample Depth (ft bgs)**											
AS511-TA-001L (1)	8/11/2006	6.5	<0.00569	<0.00569	<0.00569	<0.00569	<0.379	NA	<0.379	<0.379	<10	<10	<10
AS511-TA-002DL (1)	8/11/2006	6.5	<0.00505	<0.00505	<0.00505	<0.00505	<0.389	NA	<0.389	<0.389	<10	<10	<10
AS511-TA-003 (1)	8/11/2006	6.5	<0.00638	<0.00638	<0.00638	<0.00638	<0.413	NA	<0.413	<0.413	<10	<10	<10
AS511-TB-004L (1)	8/11/2006	6.5	0.715	5.87	1.32	0.394	**5.07**	NA	**2.22**	<0.375	<10	**220**	160
AS511-TB-005SL (1)	8/11/2006	6.5	**6.13**	**48.4**	**10.7**	4.42	**52.3**	NA	**28.1**	0.584	28	***770***	840
AS511-TB-006 (1)	8/11/2006	6.5	<0.0045	0.012	<0.0045	<0.0045	0.18	NA	0.149	<0.340	<10	<10	<10
AS511-TC-007 (1)	8/11/2006	6.5	1.91	0.624	<1.33	<1.33	**24.8**	NA	**10.8**	0.45	<10	**320**	330
AS511-TC-008 (1)	8/11/2006	6.5	0.0372	<0.00878	<0.00878	<0.00878	0.231	NA	0.129	<0.350	<10	20	<10
ROST-1	2/6/2007	6 - 8	NA	NA	NA	NA	0.2	0.15	<0.470	<0.470	<170	**310**	730
ROST-5	2/6/2007	6 - 8	NA	NA	NA	NA	<0.450	<0.450	<0.450	<0.450	<6.2	<3.2	<1.7
ROST-10	2/6/2007	5 - 7	NA	NA	NA	NA	<0.430	<0.430	<0.430	<0.430	<8.4	<4.3	36
ROST-15	2/6/2007	6 - 8	NA	NA	NA	NA	<0.400	<0.400	<0.400	<0.400	<7.2	<3.8	6.9
ROST-18	2/6/2007	6 - 8	NA	NA	NA	NA	0.2	0.28	0.17	<0.390	<12	<6.4	16
ROST-21	2/6/2007	6 - 8	NA	NA	NA	NA	**12**	17	**7.5**	0.25	<1500	***1900***	6600
ROST-28	2/6/2007	6 - 8	NA	NA	NA	NA	**19**	26	**12**	0.38	<790	***1500***	4500
ROST-30	2/6/2007	6 - 8	NA	NA	NA	NA	<0.370	<0.370	<0.370	<0.370	<170	<90	88
ROST-30D	2/6/2007	6 - 8	NA	NA	NA	NA	<0.360	<0.360	<0.360	<0.360	<7.5	<3.9	5.7
ROST-35	2/6/2007	6 - 8	NA	NA	NA	NA	**14**	19	**7.6**	<2.0	<630	**390**	2100
ROST-40	2/6/2007	6 - 8	NA	NA	NA	NA	0.17	0.21	<0.460	<0.460	<16	32	160
Soil to Groundwater MSCC (mg/kg)			**2**	**8**	**7**	**5**	**3**	**NE**	**0.58**	**44**	**72**	**34**	**NE**
Residential MSCC (mg/kg)			*156*	*782*	*782*	*32000*	*63*	*NE*	*63*	*620*	*939*	*469*	*NE*
Industrial/Commercial MSCC (mg/kg)			4088	20440	20440	200000	1635	NE	1635	16400	24528	12264	NE

(1) Sample from the Initial Abatement Measures Report

Notes

Indicate method detection limit for contaminants when analyzed, but not detected (e.g., <1, 10, 42)

List any contaminants detected above the method detection limit

MSCC = maximum soil contamination concentration

ft. BGS = feet below ground surface

Results must be reported in mg/kg.

mg/kg = milligrams per kilogram

NE=Not established

Table B-3
Summary of Soil Sampling Results

Date 4/16/07

Incident Number and Name: Release Areas 184/185 and 196/200/201

Facility ID# V-002740

Analytical Method (e.g., VOC by EPA 8260) →			MADEP EPH	MADEP EPH	MADEP EPH	
Sample ID	**Contaminant of Concern** →					
	Date Collected (mm/dd/yy)	**Sample Depth (ft bgs)**	C9-C18 EPH	C19-C36 EPH	C11-C22 EPH	HEM (Oil & Grease)
AS511-TA-001L (1)	8/11/2006	6.5	<10	<10	<10	NA
AS511-TA-002DL (1)	8/11/2006	6.5	<10	<10	<10	NA
AS511-TA-003 (1)	8/11/2006	6.5	<10	<10	<10	NA
AS511-TB-004L (1)	8/11/2006	6.5	660	<50	100	NA
AS511-TB-005SL (1)	8/11/2006	6.5	**8900**	<200	1200	NA
AS511-TB-006 (1)	8/11/2006	6.5	<10	12	<10	NA
AS511-TC-007 (1)	8/11/2006	6.5	**3700**	<200	790	NA
AS511-TC-008 (1)	8/11/2006	6.5	24	<10	<10	NA
ROST-1	2/6/2007	6 - 8	<2.3	<2.3	7	56J
ROST-5	2/6/2007	6 - 8	<2.2	<2.2	<2.2	110U
ROST-10	2/6/2007	5 - 7	160	<4.1	35	100U
ROST-15	2/6/2007	6 - 8	13	<1.9	3.3	96U
ROST-18	2/6/2007	6 - 8	260	<9.5	84	200
ROST-21	2/6/2007	6 - 8	12000	<49	700	210
ROST-28	2/6/2007	6 - 8	1300	<44	400	730
ROST-30	2/6/2007	6 - 8	760	<18	260	4300
ROST-30D	2/6/2007	6 - 8	3.1	<1.7	<1.7	53J
ROST-35	2/6/2007	6 - 8	2800	<96	900	220
ROST-40	2/6/2007	6 - 8	170	<4.4	64	300
Soil to Groundwater MSCC (mg/kg)			**3255**	**NE**	**NE**	**NE**
Residential MSCC (mg/kg)			*9386*	*93860*	*NE*	*NE*
Industrial/Commercial MSCC (mg/kg)			245280	NE	NE	NE

(1) Sample from the Initial Abatement Measures Report

- Indicate method detection limit for contaminants when analyzed, but not detected (e.g., <1, 10, 42)
- List any contaminants detected above the method detection limit
- MSCC = maximum soil contamination concentration
- ft. BGS = feet below ground surface
- Results must be reported in mg/kg.
- mg/kg = milligrams per kilogram

Table B-4
Summary of Groundwater Sampling Results

Date 4/16/07

Incident Name: Release Areas 184/185 and 196/200/201

Facility ID#V-002740

Analytical Method (e.g., VOC by EPA 601) →										
Contaminant of Concern →			Acetone	Benzene	Ethylbenzene	Methyl Ethyl Ketone	Toluene	Xylenes, Total	1-Methylnaphthalene	2-Methylnaphthalene	Fluorene
Well ID	**Sample ID**	**Date Collected (mm/dd/yy)**									
USTAS512MW-3	MW-03	2/7/2007	<25	<1	<1	<10	<1	<2	NA	NA	NA
USTAS512MW-4	MW-04	2/7/2007	<25	<1	<1	<10	<1	<2	<9.7	<9.7	<9.7
USTAS511MW-9	MW-09	2/7/2007	<25	0.57J	3.5	3J	<1	11	20	25	<9.8
USTAS511MW-10	MW-10	2/7/2007	<25	**7.9**	**83**	11	7	61	94	**110**	<9.6
USTAS511MW-11	MW-11	2/7/2007	<25	<1	5.2	<10	<1	<2	19	17	<10
USTAS512MW-15	MW-15	2/7/2007	11J	**5.2**	**88**	1.6J	5.1	300	100	**140**	0.86J
USTAS512MW-15	MW-15D	2/7/2007	11J	**5.9**	**96**	1.8J	5.8	340	110	**140**	<10
USTAS512MW-16	MW-16	2/7/2007	<25	<1	<1	3.1J	<1	2.6	2.2J	1.8J	<9.7
2L Standard (ug/l)			**700**	**1**	**29**	**170**	**1000**	**530**	**NE**	**28**	**280**
GCL (ug/l)			*700000*	*5000*	*29000*	*170000*	*257500*	*87500*	*NE*	*12500*	*950*

Notes:
Indicate method detection limit for contaminants when analyzed, but not detected (e.g., <1, 10, 42)
List any contaminant detected above the method detection limit
Results must by reported in ug/l
ug/l = micrograms per liter
GCL = gross contamination level
NA = not analyzed
J=Result less than the reporting limit but greater than or equal to the method of detection limit and the concentration is an approximate value.
NE=Not established

Table B-4
Summary of Groundwater Sampling Results

Date 4/16/07

Incident Name: Release Areas 184/185 and 196/200/201

Facility ID#V-002740

Analytical Method (e.g., VOC by EPA 601) →									
Contaminant of Concern →			Naphthalene	C9-C10 Aromatics	C11-C22 Aromatics	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C18 Aliphatics	C19-C36 Aliphatics
Well ID	**Sample ID**	**Date Collected (mm/dd/yy)**							
USTAS512MW-03	MW-03	2/7/2007	NA	7.3	<0.05	<26	<11	<0.05	<0.05
USTAS512MW-04	MW-04	2/7/2007	<9.7	7.9	<0.048	<26	<11	<0.048	0.12
USTAS511MW-09	MW-09	2/7/2007	**34**	**750**	0.22	<130	<55	<0.049	<0.049
USTAS511MW-10	MW-10	2/7/2007	**180**	**2300**	1.4	<260	<110	0.96B	<0.049
USTAS511MW-11	MW-11	2/7/2007	**30**	**550**	0.19	<26	<11	<10	<10
USTAS511MW-15	MW-15	2/7/2007	**250D**	**3900**	1.4	<260	<110	0.35B	<0.049
USTAS511MW-15	MW-15D	2/7/2007	**200M**	**3700**	2.3	<260	<110	3.0B	<0.098
USTAS512MW-16	MW-16	2/7/2007	2.6J	150	0.052	<26	<11	0.055B	<0.048
2L Standard (ug/l)			**21**	**210**	**210**	**420**	**4200**	**4200**	**4200**
GCL (ug/l)			*15500*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*

- Indicate method detection limit for contaminants when analyzed, but not detected (e.g., <1, 10, 42)
- List any contaminant detected above the method detection limit
- Results must by reported in ug/l
- ug/l = micrograms per liter
- GCL = gross contamination level
- NA = not analyzed

J=Result less than the reporting limit but greater than or equal to the method of detection limit and the concentration is an approximate value.
B=Compound was found in the blank and the sample.
NE=Not established

Table B - 5
Water Supply Well Information

Date: 4/16/2007 Facility ID#: V-002740

Incident Number and Name: Building AS-511- Release Areas 184/185 and 196/200/201

(Include the following information. The well number (can use tax number), well owner and user names, addresses and telephone numbers, use of the well (potable, agricultural, etc.), well depth, type of well (i.e., drilled or bored), well casing depth, well screen interval and distance of well from the source area of the release)

Well #	Well Owner/ User (indicate which)	Address	Phone Number	Well Use	Well Depth (ft BGS)	Type of Well	Well Casing Depth (ft. BGS)	Well Screen Interval (x to y ft. BGS)	Distance from source area of release (ft.)
		NOT APPLICABLE NO SUPPLY WELLS WITHIN 1,500 FEET OF THE SOURCE AREA							

Ft BGS = feet below ground surface

Table B-6
Property Owners/ Occupants

Date: 4/16/2007 Facility ID#: V-002740

Incident No. and Name: Building AS-511- Release Areas 184/185 and 196/200/201

Tax Parcel Number/ Map ID	Owner/ Occupant Name (Last, First MI)	Address
All property within and contiguous to the source area are owned by: MCB Camp Lejeune PSC Box 20004, Camp LeJeune MCB, North Carolina 28542		

Table B-7
Well Construction Information

Date: 03/09/2007 Facility ID#: V-002740

Incident Number and Name: Building AS-511- Release Areas 184/185 and 196/200/201

Well ID	**Date Installed** (m/dd/yy)	**Date Water Level Measured** (m/dd/yy)	**Well Casing Depth** (ft. BGS)	**Screened Interval** (x to y ft. BGS)	**Bottom of Well** (ft. BGS)	**Top of Casing Elevation*** (ft.)	**Depth to Water from Top of Casing** (ft.)	**Free Product Thickness **** (ft.)	**Groundwater Elevation*** (ft.)	**Comments**
USTAS5512 MW-3	3/18/1993	3/9/07	29.31	19-29	30	21.97	11.19	NA	11.24	Not used to generate contours (deeper screen)
USTAS5512 MW-4	7/27/94	3/9/07	14.48	3-13	15	23.03	10.23	NA	13.11	
USTAS5511 MW-9	2/5/07	3/9/07	15.0	5-15	15	20.93	6.50	NA	14.71	
USTAS5511 MW-10	2/5/07	3/9/07	15.0	5-15	15	22.55	7.63	NA	15.18	
USTAS5511 MW-11	2/5/07	3/9/07	15.0	5-15	15	23.58	10.21	NA	13.60	
USTAS5512 MW-15	1/10/03	3/9/07	11.91	2-11.91	12	22.96	8.20	0.2	16.82	Used specific gravity for JP-5 of 0.8
USTAS5512 MW-16	1/10/03	3/9/07	11.9	2-11.9	15	21.03	6.42	NA	15.82	

* Reference Point for Elevation Measurements Top of PVC

** If free product is present in a well, groundwater elevation should be calculated by: [Top of Casing Elevation - Depth to Water] + [free product thickness x 0.80]

ft BGS = feet below ground surface

Table B-8
Free Product Recovery Results
Area

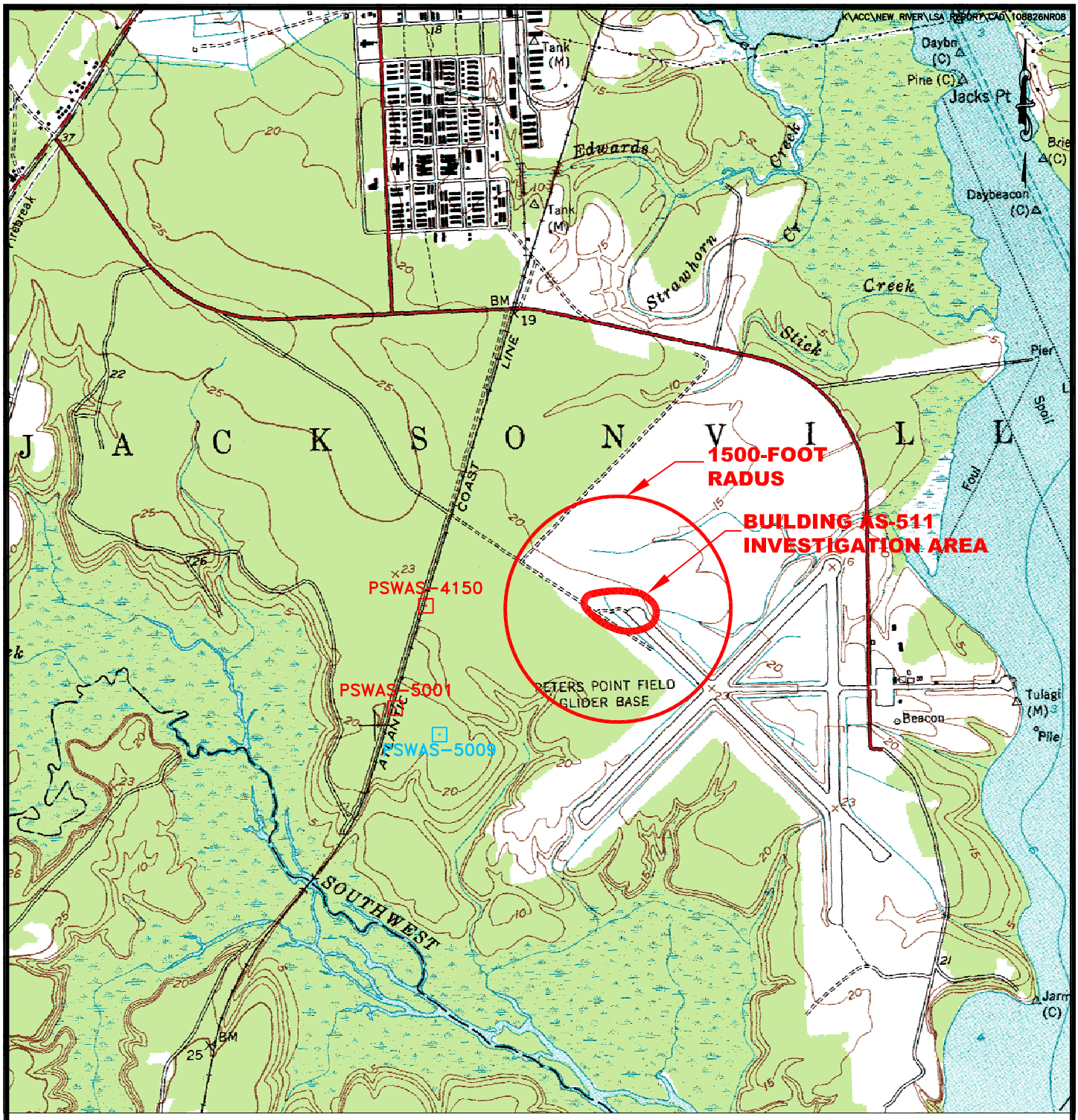
Date: 4/16/2007 Incident No. and Name: Building AS-511- Release Area 184/185 and 196/200/201

Free Product Recovery Method: Facility ID# V-002740

Method of Measurement:

Well ID	**Product Type** (gas, diesel, etc.)	**Date of Recovery** (m/dd/yy)	**Casing Diameter** (inches)	**Product Thickness before Recovery** (inches)	**Product Thickness after Recovery** (inches)	**Amount of Product Recovered** (gallons)	**Depth to Water** (feet)
	NO FREE PRODUCT ASSOCIATED WITH THIS RELEASE						
Total Gallons Recovered:						0	
Total Gallons Recovered to Date:						0	

FIGURES



7.5 MIN. QUAD
JACKSONVILLE SOUTH, N.C.
1952
PHOTO INSPECTED 1988

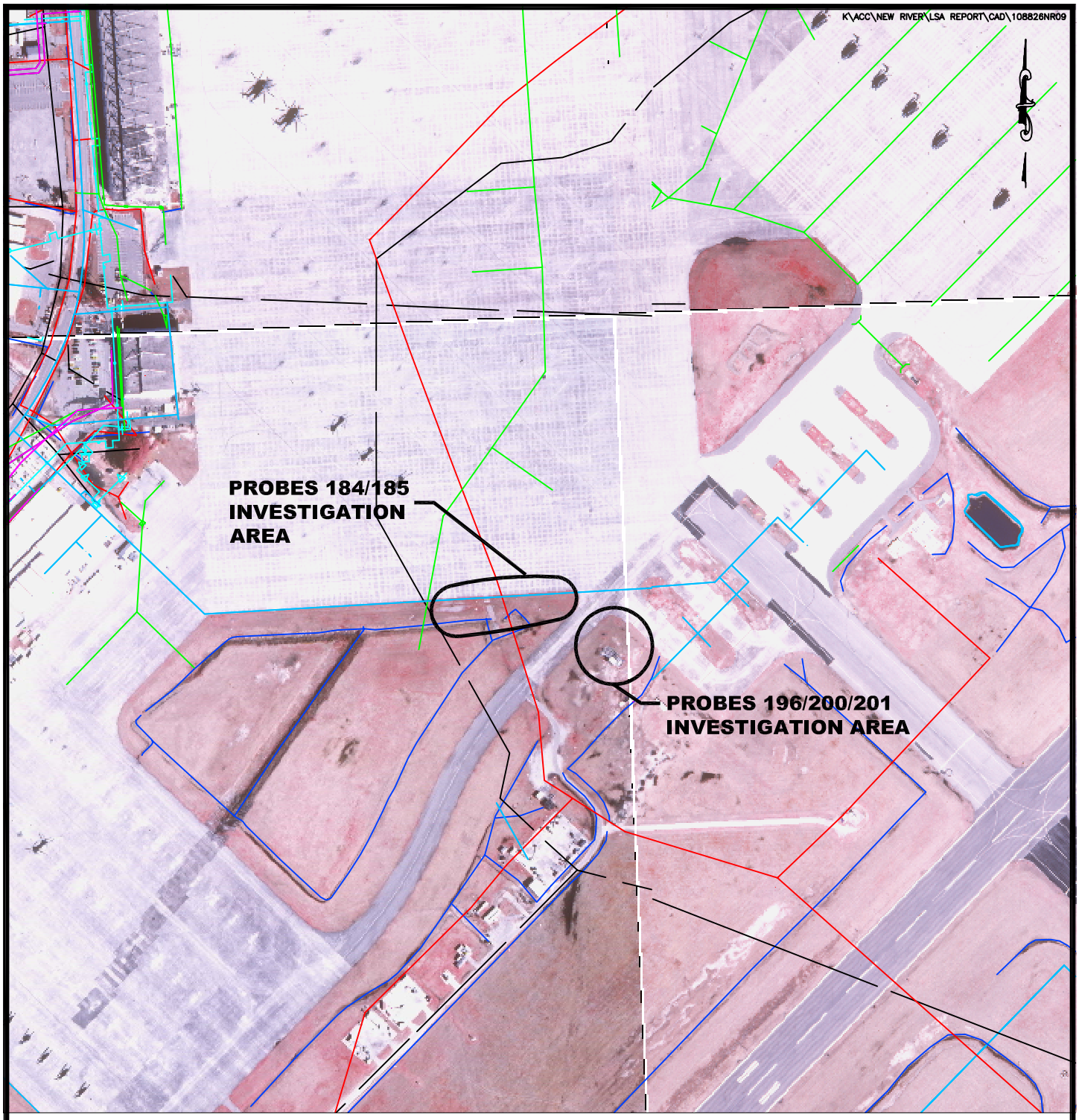
2000 0 1000 2000
1 inch = 2000 ft.

Baker
Michael Baker Jr., Inc.

ACTIVE SUPPLY WELL
NON-ACTIVE SUPPLY WELL

FIGURE 1
SITE LOCATION MAP
BUILDING AS-511
RELEASE AREAS 184/185 AND 196/200/201 INVESTIGATION
APRIL, 2007

MARINE CORPS AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA



400 0 200 400

1 inch = 400 ft.

Baker

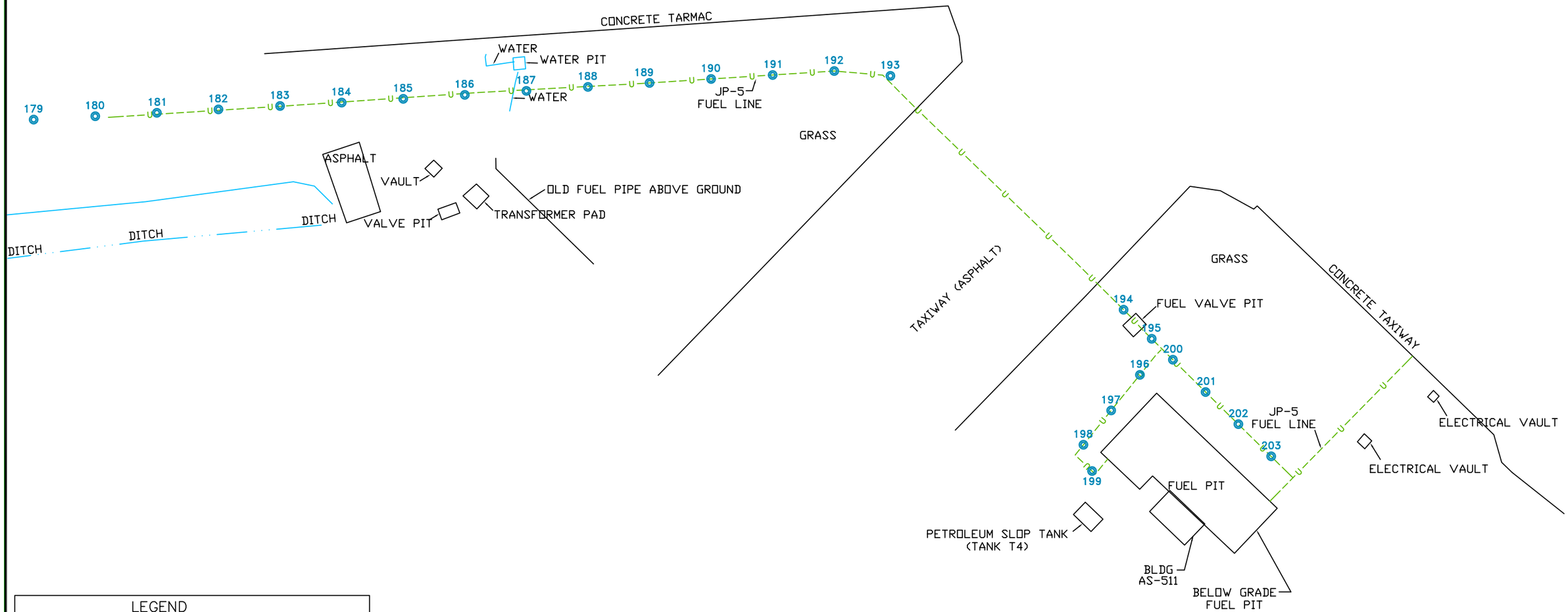
Michael Baker Jr., Inc.

LEGEND

- DITCH
- STORM WATER LINE
- STORM PIPE
- ELECTRIC CABLE LINE
- WATER LINE
- WATER PIPE

FIGURE 2
RELEASE AREAS 184/185 AND
196/200/201 INVESTIGATION AREAS

MARINE CORPS AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA



LEGEND	
275	TRACE POINTS
---w------w---	WATER LINE
---u------u---	JP-5 JET FUEL TRANSFER LINE
—··—··—	DRAINAGE DITCH

SCALE:	1"=40'	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR06
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 3
SITE PLAN
RELEASE AREAS 184/185 AND 196/200/201

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

CONCRETE TARMAC

WATER

WATER PIT

WATER

JP-5
FUEL LINE

181 182 183 184 185 186 187 188 189 190 191 192 193

AS511-TA-001L
AS511-TA-002DL
AS511-TA-003

ROST 5 ROST-4 ROST-3 ROST-2 ROST-1 ROST-6 ROST-7 ROST-8 ROST-9 ROST-13 ROST-14 ROST-12 ROST-15 ROST-10 ROST-11

USTAS511MW-11
USTAS512MW-4
USTAS512MW-3

ASPHALT

VAULT

VALVE PIT

TRANSFORMER PAD

OLD FUEL PIPE ABOVE GROUND

DITCH

DITCH

TAXIWAY (ASPHALT)

MATCHLINE

LEGEND

- TRACE POINTS
- MONITORING WELL SAMPLE
- CPT/ROST LOCATION
- SUBSURFACE SOIL SAMPLE
- INITIAL ABATEMENT SOIL SAMPLE
- ---W--- WATER LINE
- ---U--- JP-5 JET FUEL TRANSFER LINE
- DRAINAGE DITCH

SCALE:	1"=20'	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR01
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 4
SAMPLE LOCATION MAP
RELEASE AREA 184/185

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

MATCHLINE

TAXIWAY (ASPHALT)

CONCRETE TAXIWAY

194 FUEL VALVE PIT

195

196

197

198

199

200

201

202

203

ROST-35 ROST-29 ROST-36 ROST-28 ROST-37 ROST-33 ROST-38 ROST-34 ROST-16 ROST-27 ROST-30 ROST-17 ROST-26 ROST-39 ROST-18 ROST-25 ROST-40 ROST-31 ROST-19 ROST-24 ROST-32 ROST-20 ROST-23 ROST-21 ROST-22

USTAS511 MW-9

A5511-TC-007

USTAS511MW-10

A5511-TC-008

USTAS512MW-15

USTAS512MW-16

AS11-TB-004L

AS11-TB-005L

AS11-TB-006

JP-5 FUEL LINE

ELECTRICAL VAULT

ELECTRICAL VAULT

BELOW GRADE FUEL PIT

BLDG AS511

PETROLEUM SLOP TANK (TANK T4)

LEGEND

- TRACE POINTS
- MONITORING WELL SAMPLE
- CPT/ROST LOCATION
- SUBSURFACE SOIL SAMPLE
- INITIAL ABATEMENT SOIL SAMPLE
- WATER LINE
- JP-5 JET FUEL TRANSFER LINE
- DRAINAGE DITCH

SCALE:	1"=20'	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR01
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

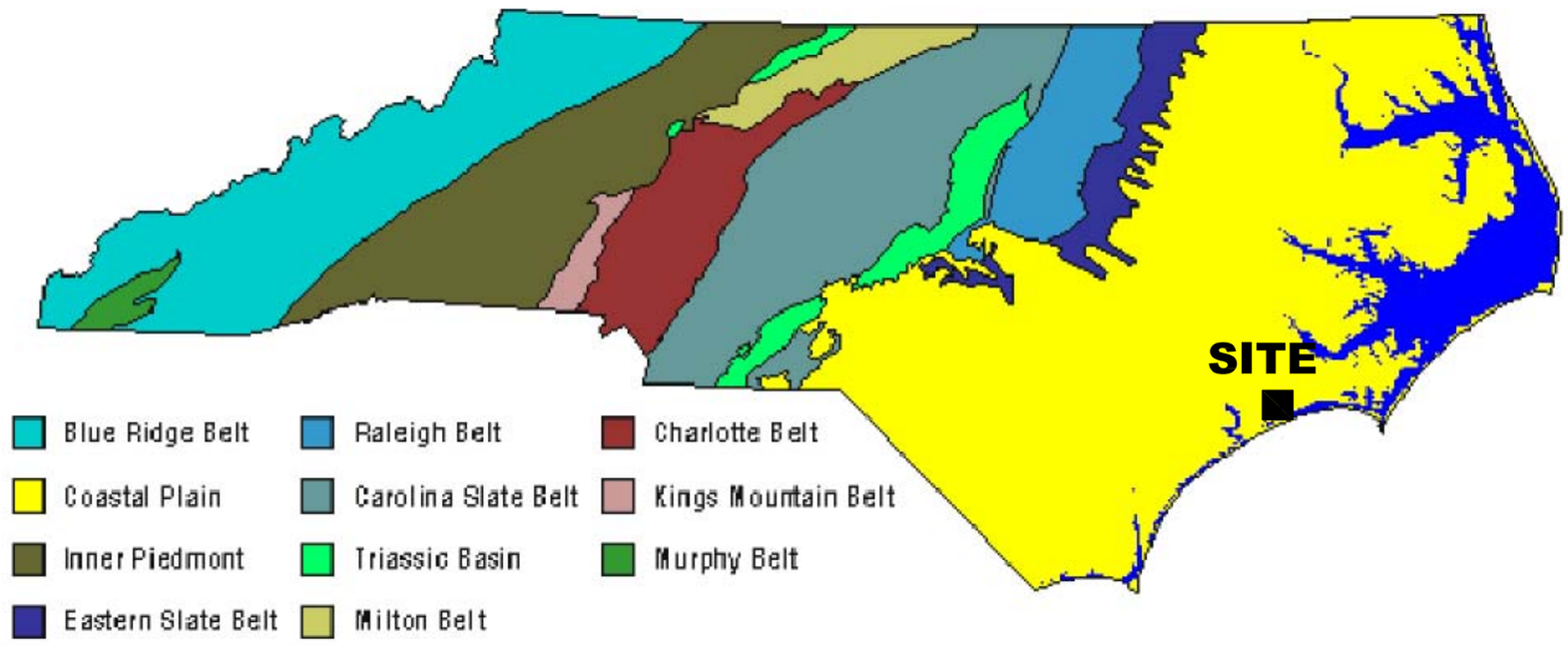
Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 5
SAMPLE LOCATION MAP
RELEASE AREA 196/200/201

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

K_ACC\NEW RIVER\LSA Report\CAD

North Carolina Geology



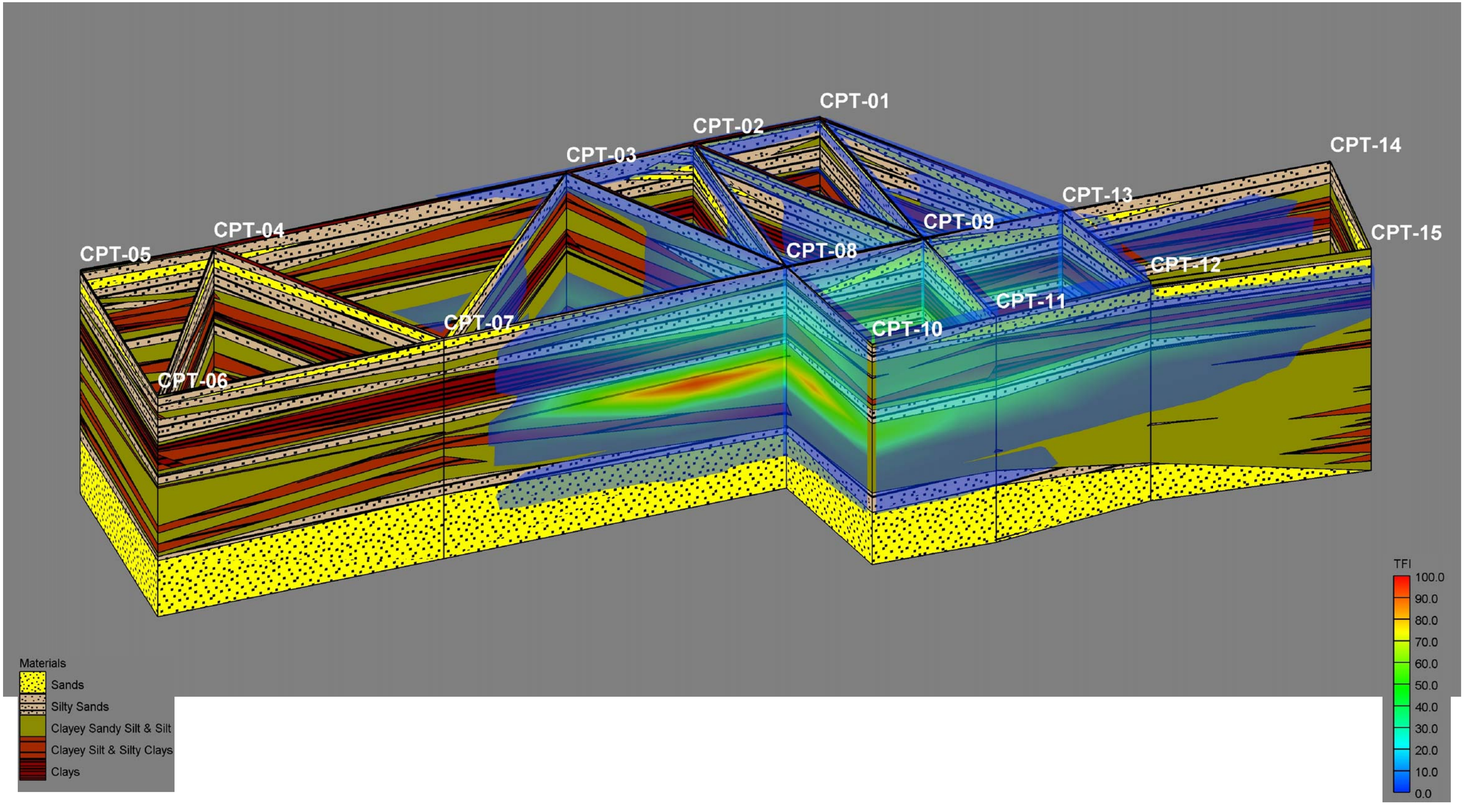
SOURCE:
http://www.geology.enr.state.nc/usgs/geomap.htm
Last modified: March 13, 1998

SCALE:	NOT TO SCALE	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR07
DSN/DWN:	DMG/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
MOON TOWNSHIP, PENNSYLVANIA

FIGURE 6
COASTAL PLAIN IDENTIFICATION

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

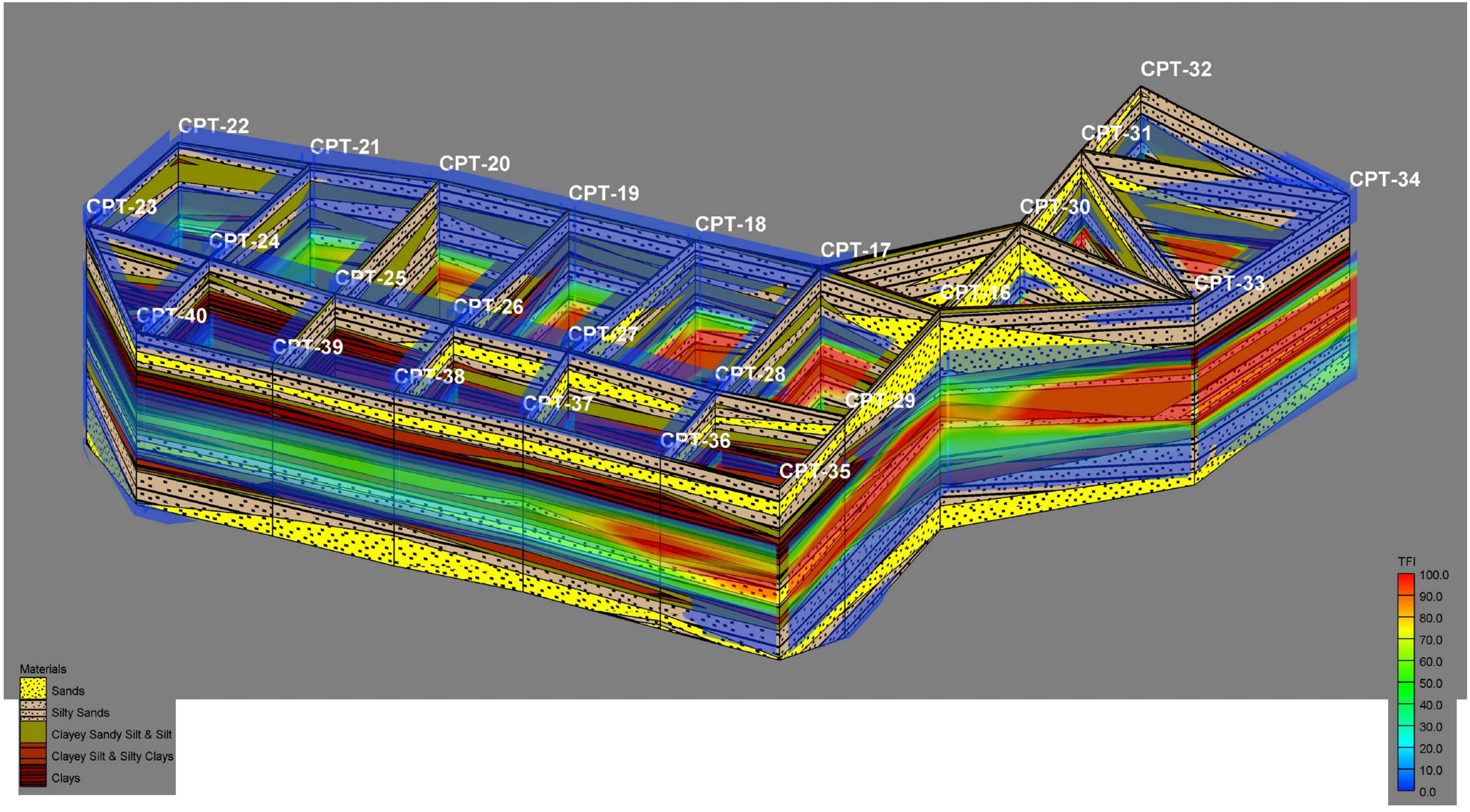


SCALE:	NOT TO SCALE	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR02
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 7
GEOLOGIC FENCE DIAGRAM
RELEASE AREA 184/185

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA



SCALE:	NOT TO SCALE	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR03
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 8
GEOLOGIC FENCE DIAGRAM
RELEASE AREA 196/200/201

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

Sample ID	ROST-1
Sample Date	2/6/2007
Depth (feet)	6-8
Aromatics (mg/kg)	
C9-C12 Aromatics	310
TPH (mg/kg)	
HEM (Oil & Grease)	56J

Sample ID	AS511-TA-003
Sample Date	8/11/2006
Depth (feet)	6.5
Volatiles (mg/kg)	
Chloroform	0.0231

CONCRETE TARMAC

WATER

WATER PIT

WATER

JP-5
FUEL LINE

ROST 5 ROST-4

ROST-3 ROST-2

ROST-1

AS511-TA-001L

AS511-TA-003

AS511-TA-002DL

ROST-8 ROST-9 ROST-13

ROST-14

ROST-6

ROST-7

ROST-12 ROST-15

ROST-10

ROST-11

ASPHALT

VAULT

OLD FUEL PIPE ABOVE GROUND

TRANSFORMER PAD

VALVE PIT

DITCH

DITCH

TAXIWAY (ASPHALT)

MATCHLINE

LEGEND

- CPT/ROST LOCATION
- SUBSURFACE SOIL SAMPLE
- INITIAL ABATEMENT SOIL SAMPLE
- WATER LINE
- JP-5 JET FUEL TRANSFER LINE
- DRAINAGE DITCH

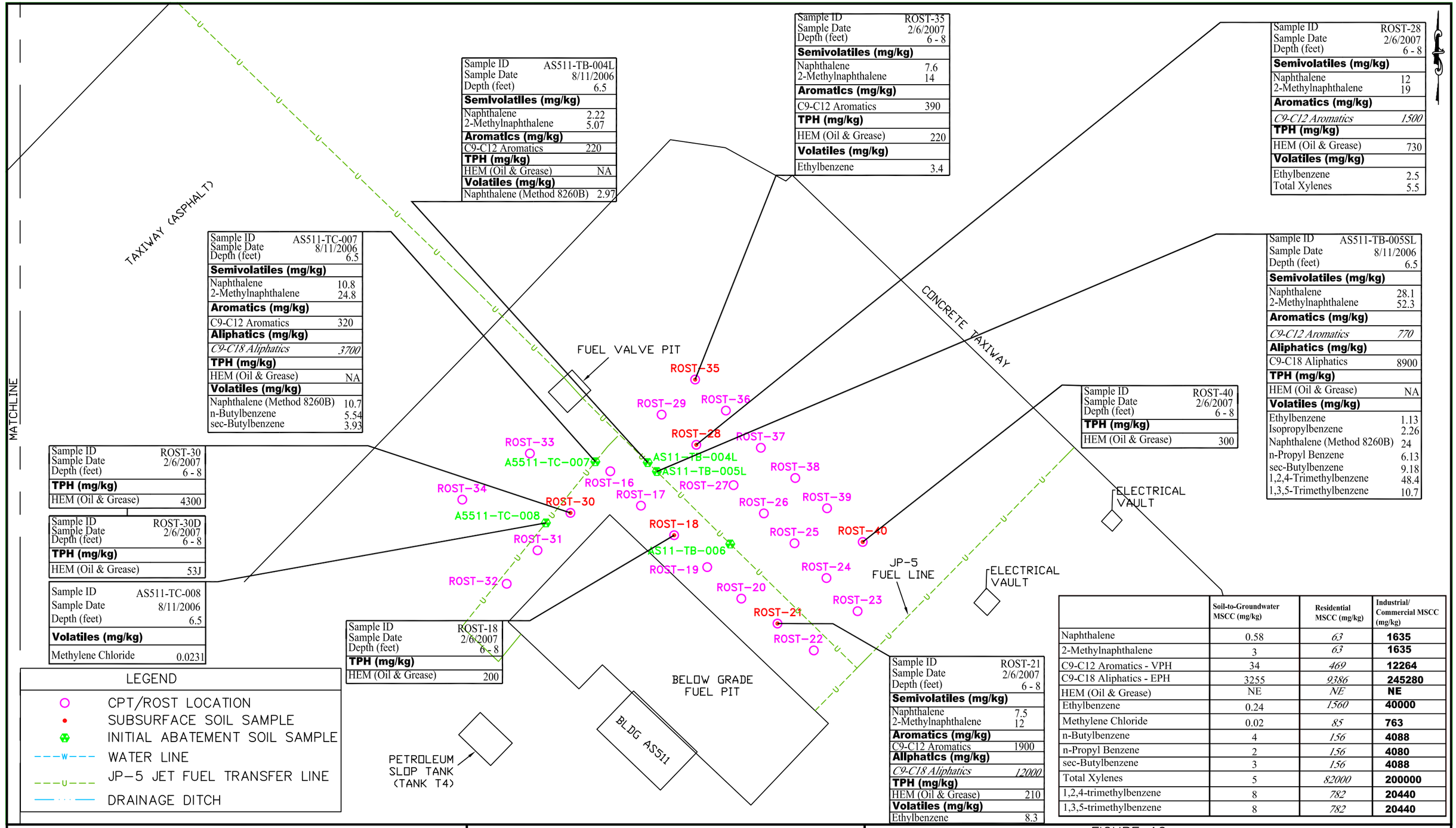
	Soil-to-Groundwater MSCC (mg/kg)	Residential MSCC (mg/kg)	Industrial/ Commercial MSCC (mg/kg)
C9-C12 Aromatics	34	*469*	**12264**
Chloroform	0.001	*100*	**938**

SCALE:	1"=20'	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR10
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 9
SOIL SAMPLE RESULTS
RELEASE AREA 184/185

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA



Sample ID	AS511-TB-004L
Sample Date	8/11/2006
Depth (feet)	6.5
Semivolatiles (mg/kg)	
Naphthalene	2.22
2-Methylnaphthalene	5.07
Aromatics (mg/kg)	
C9-C12 Aromatics	220
TPH (mg/kg)	
HEM (Oil & Grease)	NA
Volatiles (mg/kg)	
Naphthalene (Method 8260B)	2.97

Sample ID	ROST-35
Sample Date	2/6/2007
Depth (feet)	6 - 8
Semivolatiles (mg/kg)	
Naphthalene	7.6
2-Methylnaphthalene	14
Aromatics (mg/kg)	
C9-C12 Aromatics	390
TPH (mg/kg)	
HEM (Oil & Grease)	220
Volatiles (mg/kg)	
Ethylbenzene	3.4

Sample ID	ROST-28
Sample Date	2/6/2007
Depth (feet)	6 - 8
Semivolatiles (mg/kg)	
Naphthalene	12
2-Methylnaphthalene	19
Aromatics (mg/kg)	
C9-C12 Aromatics	*1500*
TPH (mg/kg)	
HEM (Oil & Grease)	730
Volatiles (mg/kg)	
Ethylbenzene	2.5
Total Xylenes	5.5

Sample ID	AS511-TC-007
Sample Date	8/11/2006
Depth (feet)	6.5
Semivolatiles (mg/kg)	
Naphthalene	10.8
2-Methylnaphthalene	24.8
Aromatics (mg/kg)	
C9-C12 Aromatics	320
Aliphatics (mg/kg)	
C9-C18 Aliphatics	*3700*
TPH (mg/kg)	
HEM (Oil & Grease)	NA
Volatiles (mg/kg)	
Naphthalene (Method 8260B)	10.7
n-Butylbenzene	5.54
sec-Butylbenzene	3.93

Sample ID	AS511-TB-005SL
Sample Date	8/11/2006
Depth (feet)	6.5
Semivolatiles (mg/kg)	
Naphthalene	28.1
2-Methylnaphthalene	52.3
Aromatics (mg/kg)	
C9-C12 Aromatics	*770*
Aliphatics (mg/kg)	
C9-C18 Aliphatics	8900
TPH (mg/kg)	
HEM (Oil & Grease)	NA
Volatiles (mg/kg)	
Ethylbenzene	1.13
Isopropylbenzene	2.26
Naphthalene (Method 8260B)	24
n-Propyl Benzene	6.13
sec-Butylbenzene	9.18
1,2,4-Trimethylbenzene	48.4
1,3,5-Trimethylbenzene	10.7

Sample ID	ROST-40
Sample Date	2/6/2007
Depth (feet)	6 - 8
TPH (mg/kg)	
HEM (Oil & Grease)	300

Sample ID	ROST-30
Sample Date	2/6/2007
Depth (feet)	6 - 8
TPH (mg/kg)	
HEM (Oil & Grease)	4300

Sample ID	ROST-30D
Sample Date	2/6/2007
Depth (feet)	6 - 8
TPH (mg/kg)	
HEM (Oil & Grease)	53J

Sample ID	AS511-TC-008
Sample Date	8/11/2006
Depth (feet)	6.5
Volatiles (mg/kg)	
Methylene Chloride	0.0231

Sample ID	ROST-18
Sample Date	2/6/2007
Depth (feet)	6 - 8
TPH (mg/kg)	
HEM (Oil & Grease)	200

Sample ID	ROST-21
Sample Date	2/6/2007
Depth (feet)	6 - 8
Semivolatiles (mg/kg)	
Naphthalene	7.5
2-Methylnaphthalene	12
Aromatics (mg/kg)	
C9-C12 Aromatics	1900
Allphatics (mg/kg)	
C9-C18 Aliphatics	*12000*
TPH (mg/kg)	
HEM (Oil & Grease)	210
Volatiles (mg/kg)	
Ethylbenzene	8.3

LEGEND

- CPT/ROST LOCATION
- SUBSURFACE SOIL SAMPLE
- INITIAL ABATEMENT SOIL SAMPLE
- WATER LINE
- JP-5 JET FUEL TRANSFER LINE
- DRAINAGE DITCH

	Soil-to-Groundwater MSCC (mg/kg)	Residential MSCC (mg/kg)	Industrial/ Commercial MSCC (mg/kg)
Naphthalene	0.58	*63*	**1635**
2-Methylnaphthalene	3	*63*	**1635**
C9-C12 Aromatics - VPH	34	*469*	**12264**
C9-C18 Aliphatics - EPH	3255	*9386*	**245280**
HEM (Oil & Grease)	NE	*NE*	**NE**
Ethylbenzene	0.24	*1560*	**40000**
Methylene Chloride	0.02	*85*	**763**
n-Butylbenzene	4	*156*	**4088**
n-Propyl Benzene	2	*156*	**4080**
sec-Butylbenzene	3	*156*	**4088**
Total Xylenes	5	*82000*	**200000**
1,2,4-trimethylbenzene	8	*782*	**20440**
1,3,5-trimethylbenzene	8	*782*	**20440**

SCALE: 1"=20' DATE: MARCH 2007
S.O. NO.: 108826 FILE: 108826NR11
DSN/DWN: DJM/JHB/RRR CHK: JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 10
SOIL SAMPLE RESULTS
RELEASE AREA 196/200/201

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

Sample ID	MW-11
Monitoring Well	UST512MW-11
Sample Date	2/7/2007
Semivolatiles (ug/L)	
Naphthalene	30
Aromatics (ug/L)	
C9-C10 Aromatics	550

CONCRETE TARMAC

WATER

WATER PIT

WATER

JP-5
FUEL LINE

USTAS511MW-11

USTAS512MW-4

USTAS512MW-3

ASPHALT

VAULT

OLD FUEL PIPE ABOVE GROUND

TRANSFORMER PAD

VALVE PIT

DITCH

DITCH

TAXIWAY (ASPHALT)

MATCHLINE

LEGEND

- MONITORING WELL SAMPLE
- WATER LINE
- JP-5 JET FUEL TRANSFER LINE
- DRAINAGE DITCH

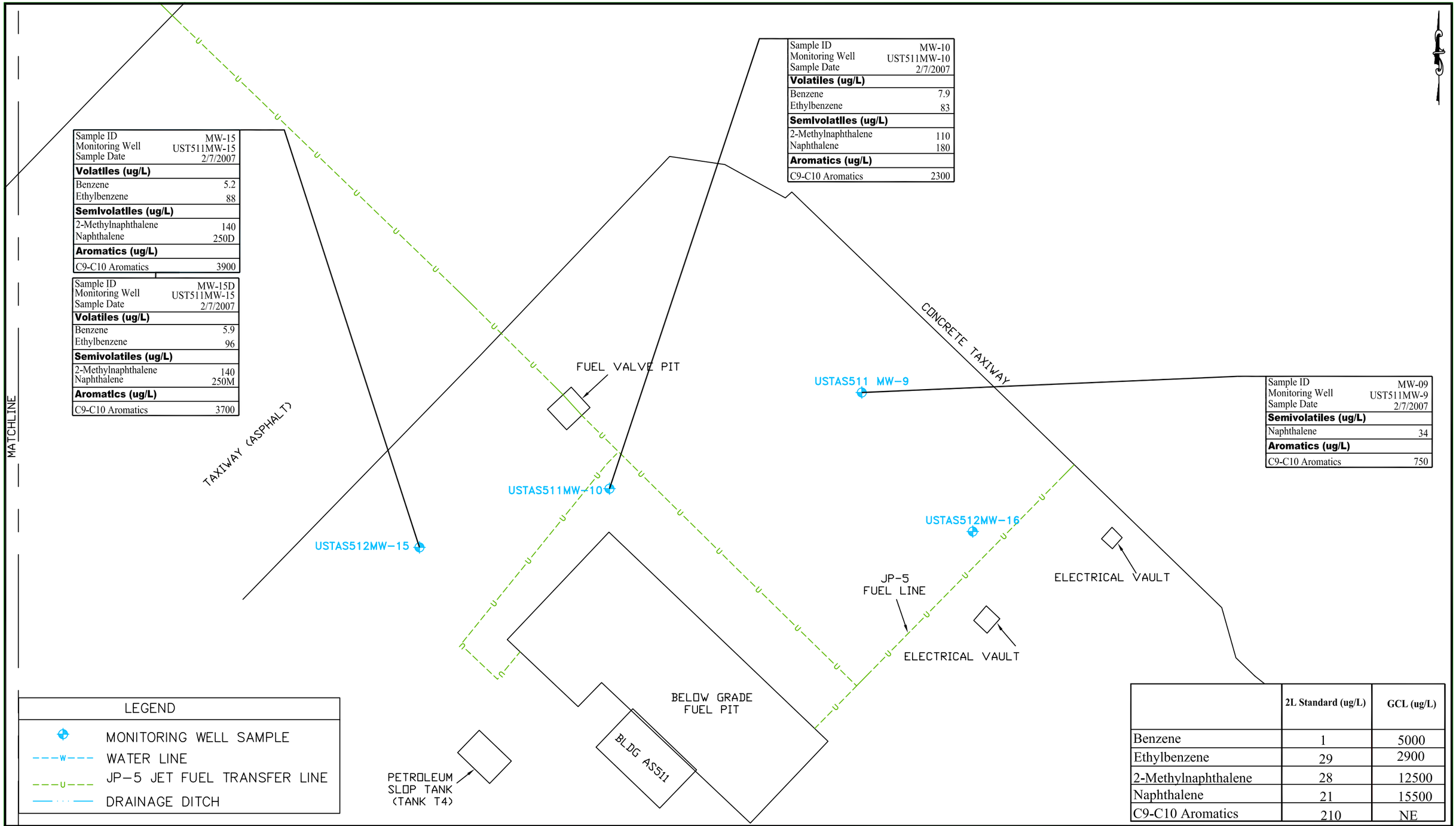
	2L Standard (ug/L)	GCL (ug/L)
Naphthalene	21	*15500*
C9-C12 Aromatics	210	*NE*

SCALE:	1"=20'	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR04
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 11
GROUNDWATER SAMPLE RESULTS
RELEASE AREA 184/185

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA



Sample ID	MW-15
Monitoring Well	UST511MW-15
Sample Date	2/7/2007
Volatiles (ug/L)	
Benzene	5.2
Ethylbenzene	88
Semivolatiles (ug/L)	
2-Methylnaphthalene	140
Naphthalene	250D
Aromatics (ug/L)	
C9-C10 Aromatics	3900

Sample ID	MW-15D
Monitoring Well	UST511MW-15
Sample Date	2/7/2007
Volatiles (ug/L)	
Benzene	5.9
Ethylbenzene	96
Semivolatiles (ug/L)	
2-Methylnaphthalene	140
Naphthalene	250M
Aromatics (ug/L)	
C9-C10 Aromatics	3700

Sample ID	MW-10
Monitoring Well	UST511MW-10
Sample Date	2/7/2007
Volatiles (ug/L)	
Benzene	7.9
Ethylbenzene	83
Semivolatiles (ug/L)	
2-Methylnaphthalene	110
Naphthalene	180
Aromatics (ug/L)	
C9-C10 Aromatics	2300

Sample ID	MW-09
Monitoring Well	UST511MW-9
Sample Date	2/7/2007
Semivolatiles (ug/L)	
Naphthalene	34
Aromatics (ug/L)	
C9-C10 Aromatics	750

LEGEND

- MONITORING WELL SAMPLE
- WATER LINE
- JP-5 JET FUEL TRANSFER LINE
- DRAINAGE DITCH

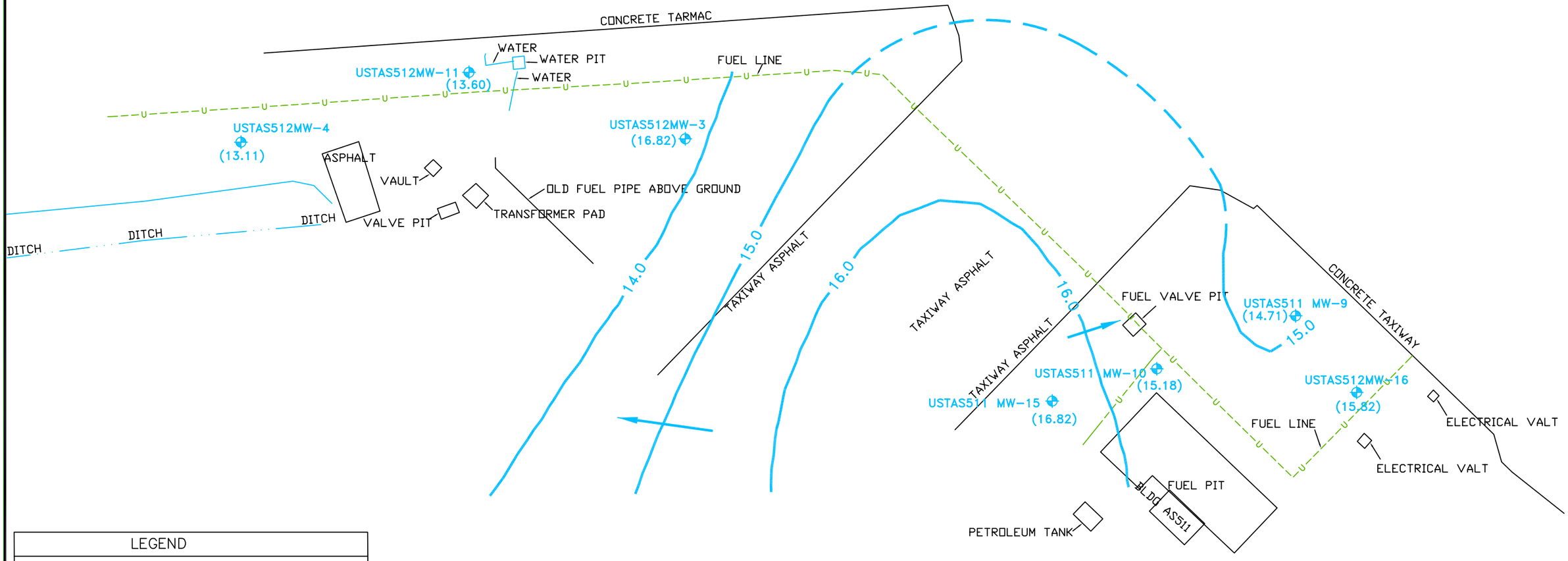
	2L Standard (ug/L)	GCL (ug/L)
Benzene	1	5000
Ethylbenzene	29	2900
2-Methylnaphthalene	28	12500
Naphthalene	21	15500
C9-C10 Aromatics	210	NE

SCALE: 1"=20' DATE: MARCH 2007
S.O. NO.: 108826 FILE: 108826NR04
DSN/DWN: DJM/JHB/RRR CHK: JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 12
GROUNDWATER SAMPLE RESULTS
RELEASE AREA 196/200/201

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

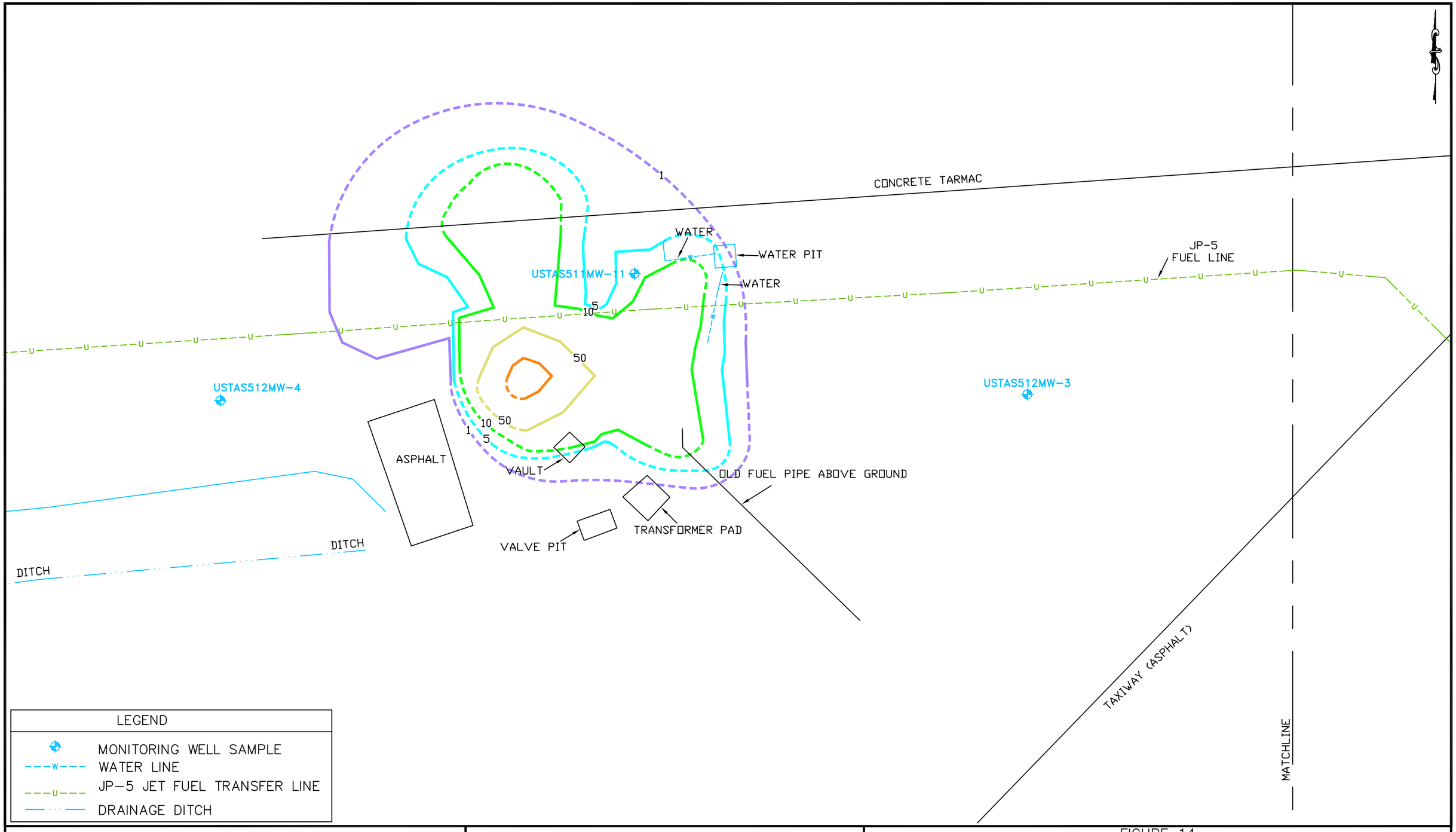


LEGEND	
⊕	MONITORING WELL SAMPLE
(13.11)	GROUNDWATER ELEVATION
———	GROUNDWATER CONTOUR
———→	GROUNDWATER FLOW
---w---w---	WATER LINE
---u---u---	JP-8 JET FUEL TRANSFER LINE
—··—··—	DRAINAGE DITCH

SCALE:	1"=40'	**DATE:**	APRIL 2007
S.O. NO.:	108826	**FILE:**	108826NR15
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 13
GROUNDWATER CONTOUR MAP
RELEASE AREA 184/185 AND 196/200/201
MARCH 9, 2007
MARINE CORP. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA



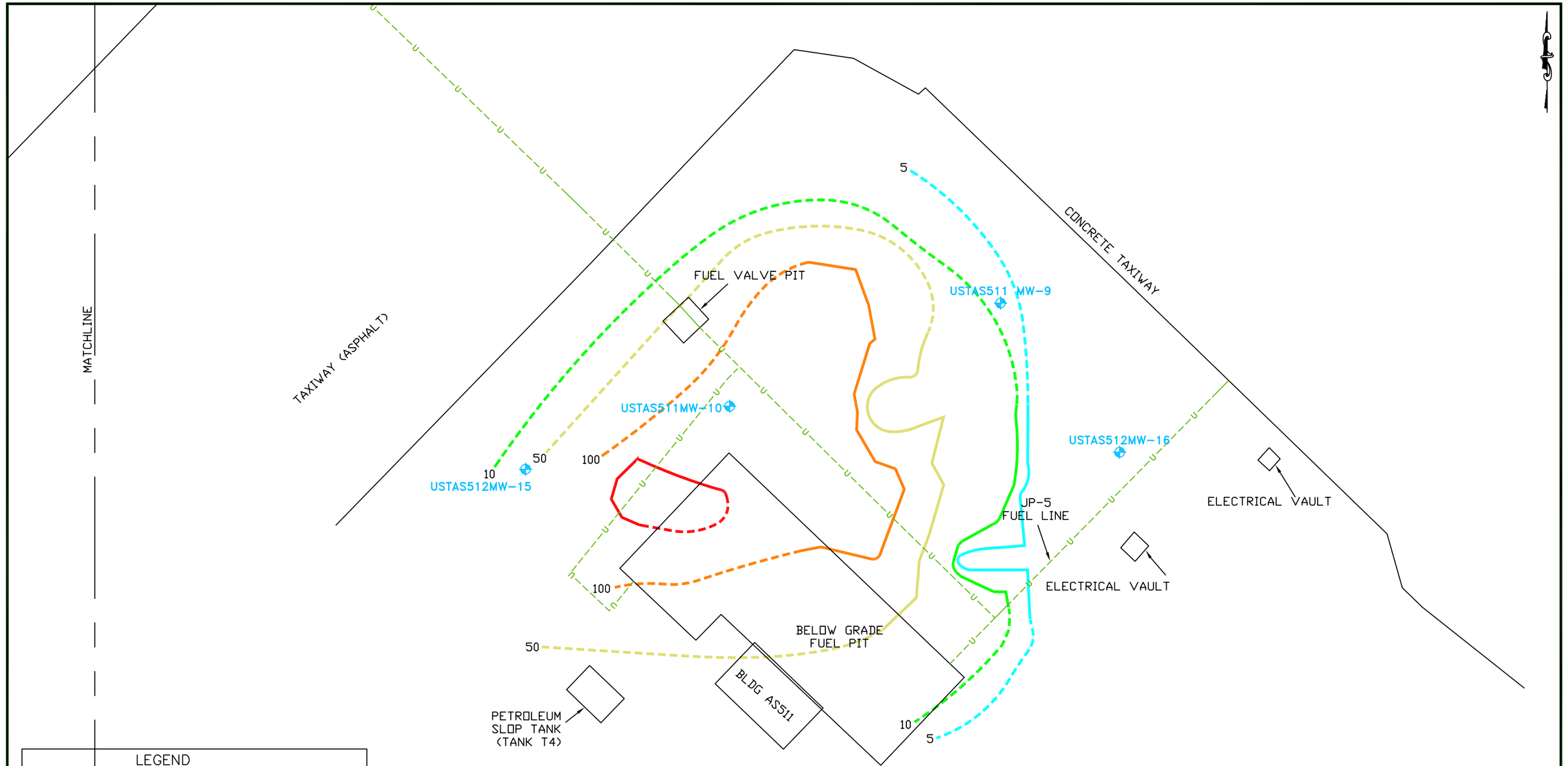
LEGEND	
⊕	MONITORING WELL SAMPLE
---W---	WATER LINE
---U---	JP-5 JET FUEL TRANSFER LINE
—···—	DRAINAGE DITCH

SCALE:	1"=20'	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR04
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 14
HORIZONTAL DELINEATION
RELEASE AREA 184/185

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

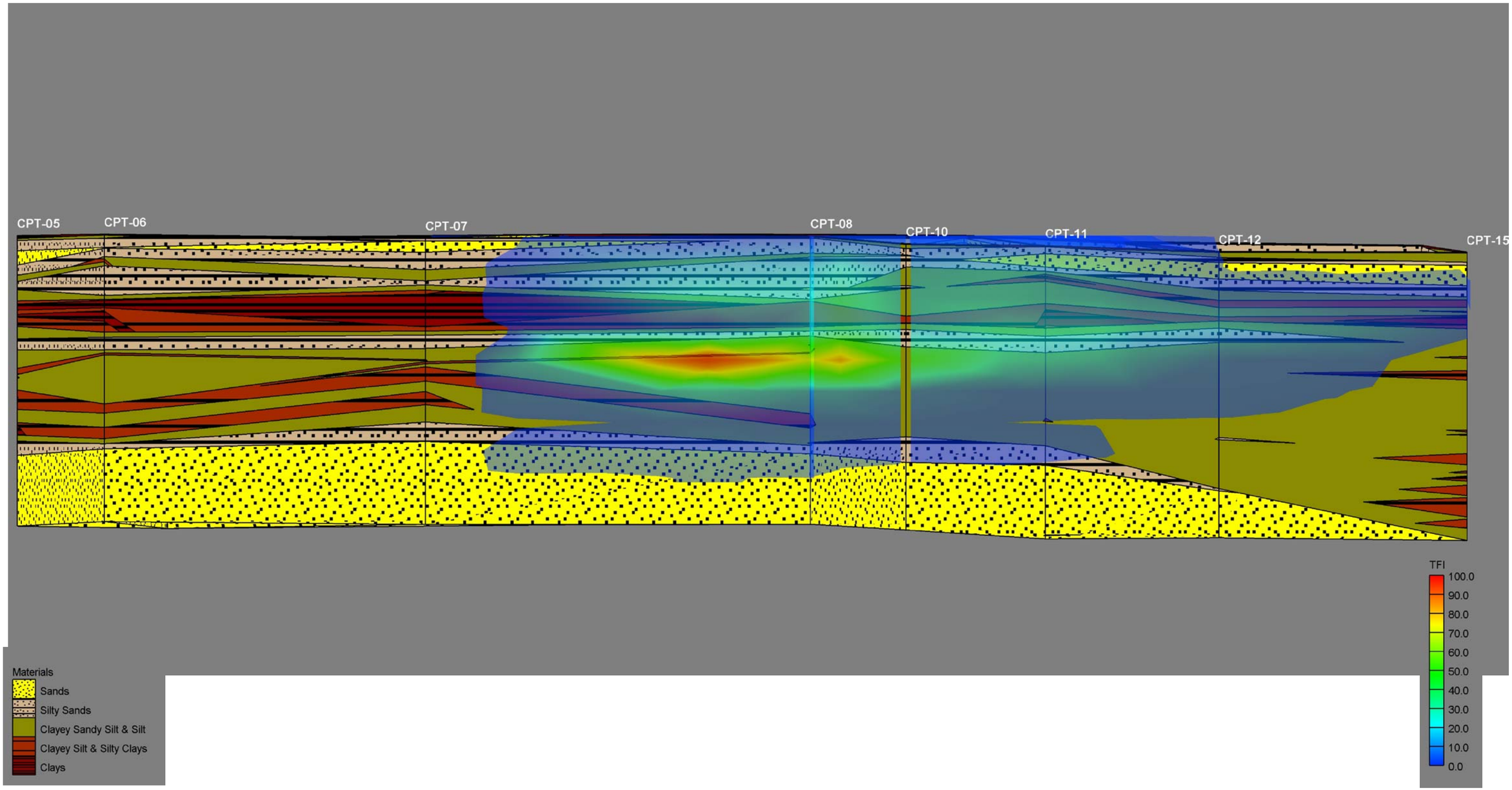


SCALE:	1"=20'	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR04
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 15
HORIZONTAL DELINEATION
RELEASE AREA 196/200/201

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

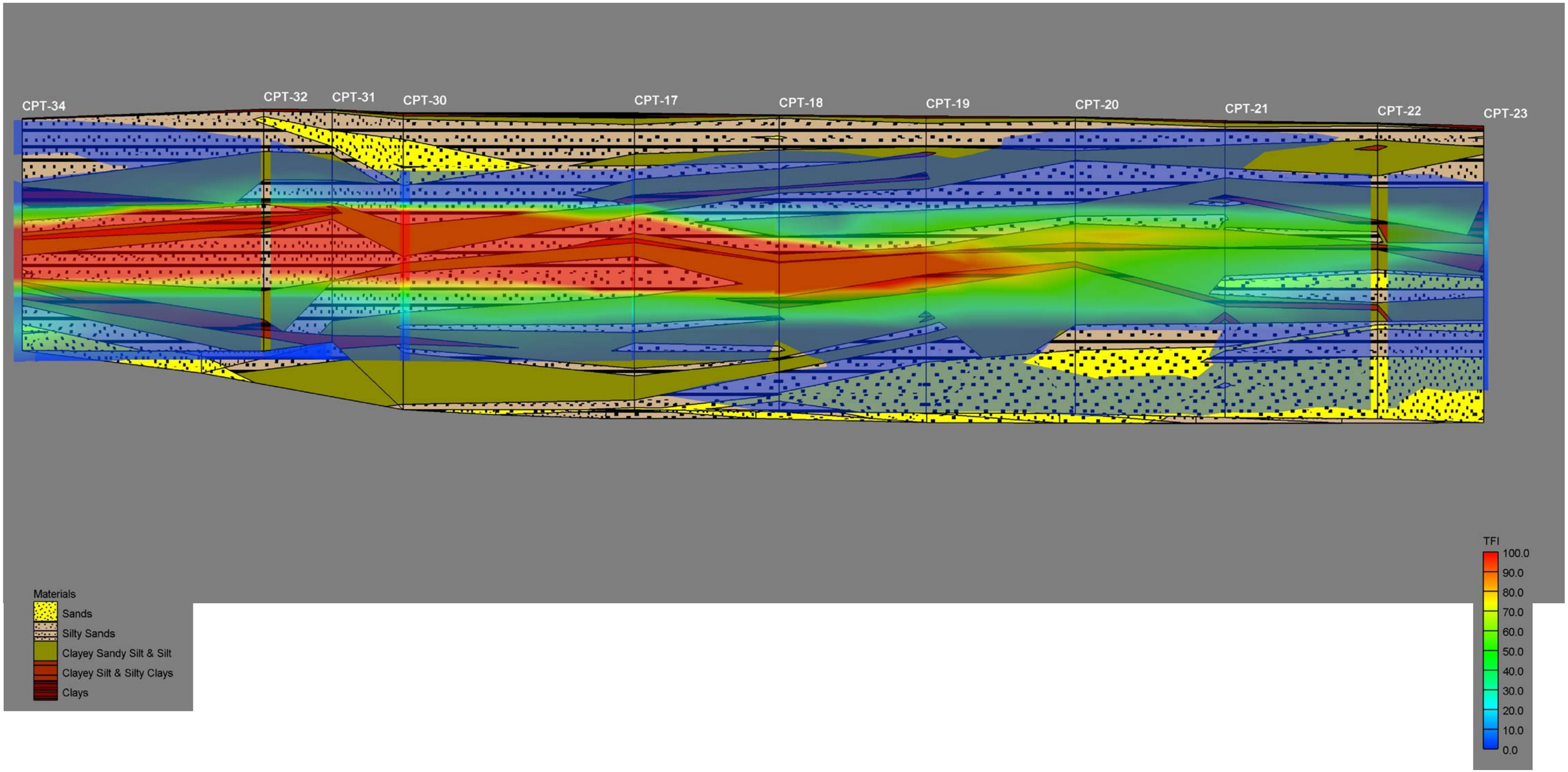


SCALE:	NOT TO SCALE	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR12
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 16
VERTICAL DELINEATION
RELEASE AREA 184/185

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA



SCALE:	NOT TO SCALE	**DATE:**	MARCH 2007
S.O. NO.:	108826	**FILE:**	108826NR13
DSN/DWN:	DJM/JHB/RRR	**CHK:**	JHB

Baker MICHAEL BAKER Jr., Inc.
Moon Township, Pennsylvania

FIGURE 17
VERTICAL DELINEATION
RELEASE AREA 196/200/201

MARINE CORPS. AIR STATION – NEW RIVER
ONSLOW COUNTY, NORTH CAROLINA

APPENDIX A

FUGRO CPT ROST Data Report

FUGRO CONSULTANTS, INC.

6105 Rookin Road
Houston, Texas 77074
Tel: 713-346-4000
Fax: 713-346-4002

February 16, 2007
Report Number: 1907-0003

Mr. Joe Burawa
Michael Baker Corporation
100 Airside Drive
Moon Township, PA 15108

DATA REPORT
PIEZOCONE PENETRATION AND
RAPID OPTICAL SCREENING TOOL TESTING
CAMP LEJUENE, CALIFORNIA

Dear Mr. Burawa:

Fugro Consultants (Fugro) is pleased to present this data report for Cone Penetration (CPT) and Rapid Optical Screening Tool (ROST™) testing at the above-referenced site. CPT/ROST™ provided continuous characterization of stratigraphy and petroleum hydrocarbon distribution at the testing locations. A description of the CPT and ROST™ technologies and a discussion of general ROST™ data interpretation follows. CPT and ROST™ logs and electronic data CD are included as attachments.

Cone Penetration Testing

CPT was performed simultaneously with each ROST™ sounding and yielded real-time stratigraphic data. CPT is a proven method for rapidly evaluating the physical characteristics of unconsolidated soils. It is based on the resistance to penetration of an electronically-instrumented cone which is continuously advanced into the subsurface. In accordance with ASTM Standard D5778-95, the cone was advanced at a rate of two centimeters per second with the driving force provided by hydraulic rams.

The CPT cone used at this site had an apex angle of 60 degrees with a base area of 15 square centimeters (cm^2), and friction sleeve with a surface area of 200 cm^2. The standard geotechnical sensors within the cone measure tip resistance and sleeve friction in tons per square foot (TSF). The combined data from the tip resistance and sleeve friction form the basis of the soil classification (e.g., sand, silt, clay, etc.).

Soil stratigraphy was identified using Campanella and Robertson's Simplified Soil Behavior Chart. Please note that because of the empirical nature of the soil behavior chart, the soil identification should be verified locally.

ROST™ Testing

Fugro Consultants' ROST™ Laser-Induced Fluorescence system was used for this investigation to screen soils for petroleum hydrocarbon materials containing aromatic hydrocarbon constituents. The system consists of a tunable laser mounted in the CPT truck that is connected to a down-hole sensor. The down-hole sensor consists of a small diameter sapphire window mounted flush with the side of the cone penetrometer probe.

The laser and associated equipment transmit 50 pulses of light per second to the sensor through a fiber optic cable. The wavelength of the pulsed excitation light is tunable and can be set to wavelengths of 266 nanometers (nm) or to wavelengths between 280 and 300 nm. An excitation wavelength of 290 nm was used for each test during this project.

The laser light passes through the sapphire window and is absorbed by aromatic hydrocarbon molecules in contact with the window, as the probe is advanced. This addition of energy (photons) to the aromatic hydrocarbons causes them to fluoresce. A portion of the fluorescence emitted from any encountered aromatic constituents is returned through the sapphire window and conveyed by a second fiber optic cable to a detection system within the CPT rig. The emission data resulting from the pulsed laser light is averaged into one reading per one second interval (approximately one reading per 2 cm vertical interval) and is recorded continuously. ROST™ may be operated in single or multi-wavelength mode, depending on project objectives. For this project, ROST™ was operated in multi-wavelength mode (MWL).

Multi-Wavelength Mode (MWL). In MWL mode, several characteristics of the emitted fluorescence are measured and recorded simultaneously at four (4) specific wavelengths (340, 390, 440, and 490 nm). These four wavelengths represent the spectrum of fluorescence typically produced by aromatic hydrocarbons ranging from light fuels through heavy contaminants such as coal tar and creosote. The recorded data is then presented as a color graph of fluorescence intensity (the combined fluorescence of all four monitored wavelengths) versus depth (FVD).

On the FVD graph, each of the four monitored wavelengths is assigned a color. These colors are combined based on the proportional fluorescence intensity of each of the individual wavelengths. The combined color is then used on the FVD graph. Changes in color on the FVD graph typically represent changes in product type. Similarly, like colors on the FVD graph typically represent the same product, regardless of the total fluorescence intensity. Changes in the total fluorescence intensity typically indicate changes in contaminant concentration, with higher fluorescence intensities representing proportionally higher concentrations when compared to lower fluorescence intensities.

In addition to the FVD graph, depth specific waveforms are presented at four (4) selected depths throughout the sounding. These waveform graphs are presented to the right of the FVD graph on each plot. In the waveform graphs, the fluorescence intensity and duration of fluorescence of each of the monitored wavelengths is represented by an individual peak, starting at 340 nm and increasing in 50 nm wavelengths as you move to the right. The intensity of each wavelength is represented by the height of the peaks, and the duration of fluorescence is represented by the width of each peak. For general interpretation purposes, lighter aromatic hydrocarbon molecules will emit fluorescence at the shorter wavelengths, and heavier, longer chained hydrocarbons will emit fluorescence at the longer wavelengths. The presented waveforms can be compared to waveforms typical of common hydrocarbon products to determine the likely product type that has been encountered. Please note that the waveforms are available at every two centimeter interval throughout the entire sounding. Additional waveforms can be generated at any time during or after testing is complete.

Reference Solution. The fluorescence intensity of a reference solution placed on the sapphire window was measured immediately prior to conducting each test. This reference solution measurement serves two purposes. First, as a quality control check, the solution is used to ensure that the performance of the system is within specifications. Second, it allows for normalization of the data from different test locations for variation in laser power, operating conditions, and monitored emission wavelength. The reference solution used for this project was the standard M1 reference, which is a proprietary PHC containing solution. M1 provides consistent fluorescence response across the portion of the spectrum analyzed by ROST and therefore, allows the fluorescence data collected to be consistently normalized to intensities recorded as a percentage of M1.

LIMITATIONS OF ENVIRONMENTAL SUBSURFACE WORK

Fugro Consultants' report is based upon our observations made during field work, the information provided to Fugro and the results of the ROST/CPT survey. Given the inherent limitation of environmental subsurface work, Fugro cannot guarantee that the site is free of hazardous or potentially hazardous materials or conditions or that latent or undiscovered conditions will not become evident in the future. Fugro's report was prepared in accordance with our proposal and the General Conditions agreed to between Fugro and Client and no warranties, representations, or certifications are made.

Fugro Consultants, Inc. appreciates the opportunity to be of service to your organization. Please do not hesitate to contact us if we can be of further assistance. We look forward to working with you in the future.

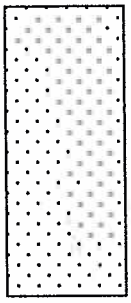
Sincerely,
FUGRO CONSULTANTS, INC.

Recep Yilmaz
Senior Vice President

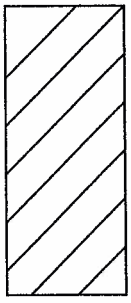
RY/jm

Enclosure: - 1 CD

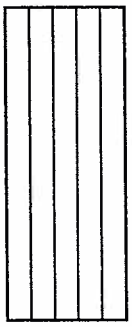
KEY TO SOIL BEHAVIOR TYPE



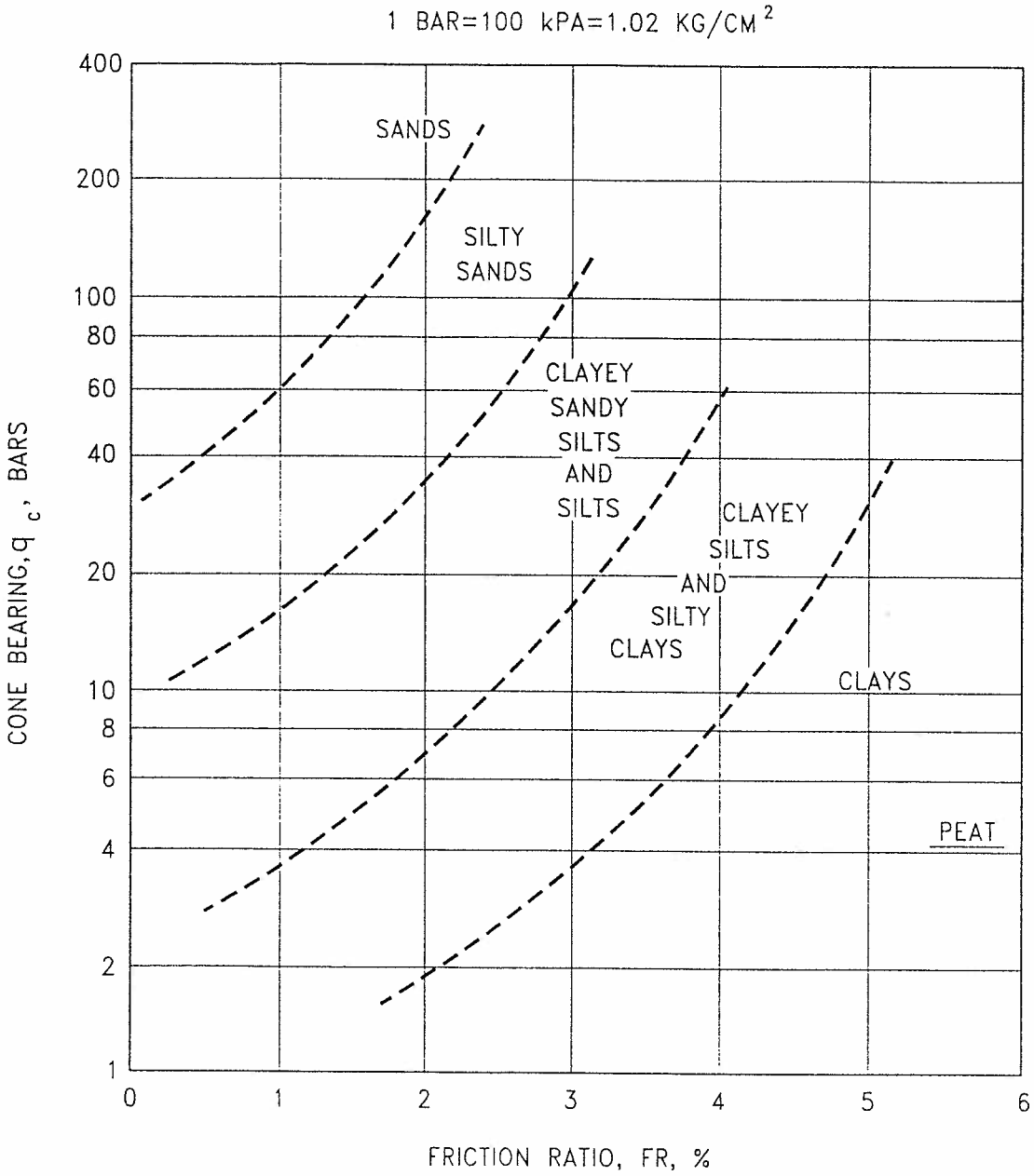
SAND AND SANDY SOIL



CLAY AND CLAYEY SOIL

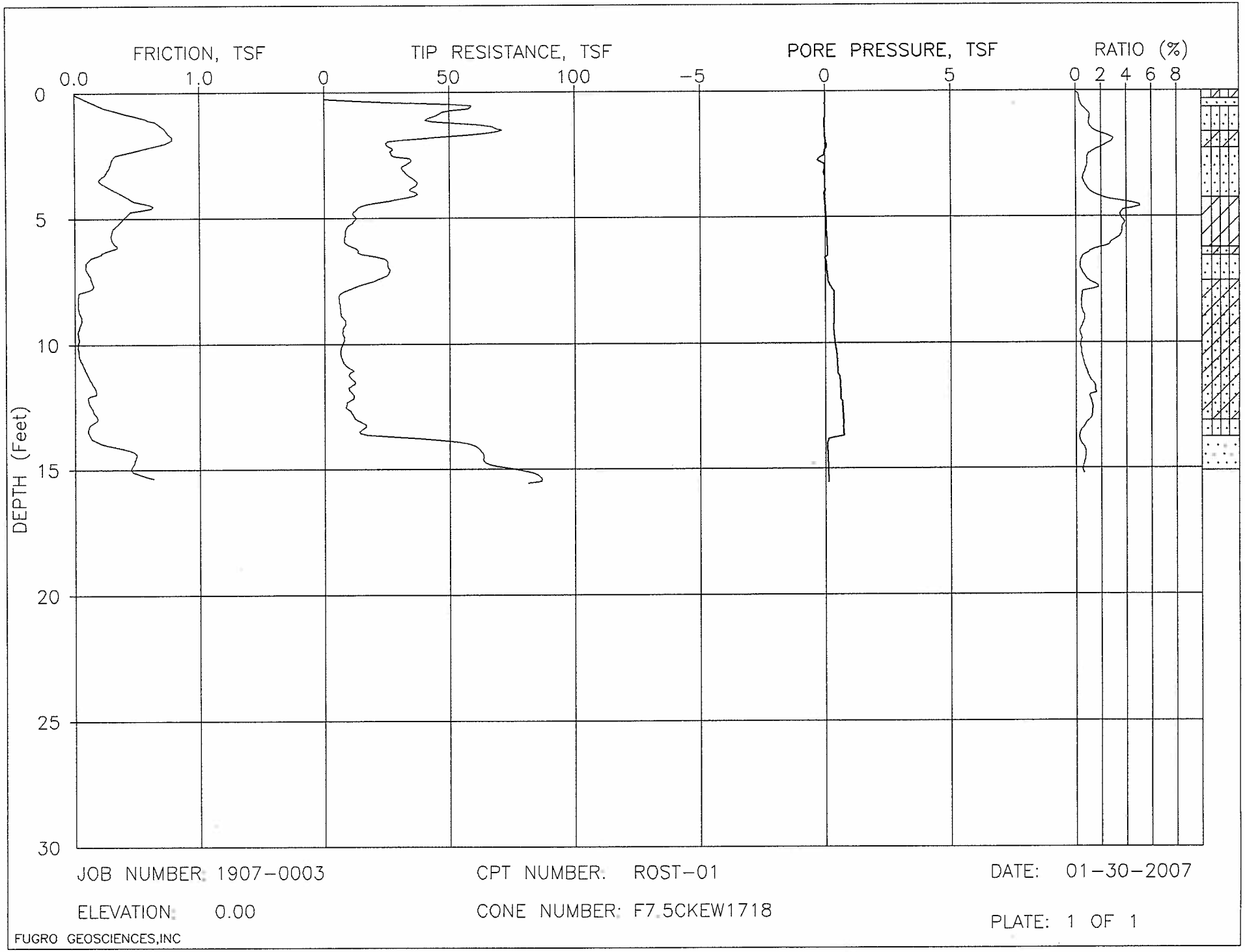


SILT AND SILTY SOIL



MODIFIED CAMPANELLA AND ROBERTSON SOIL BEHAVIOR CHART (1983)

CPT LOGS



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CPT NUMBER: ROST−01

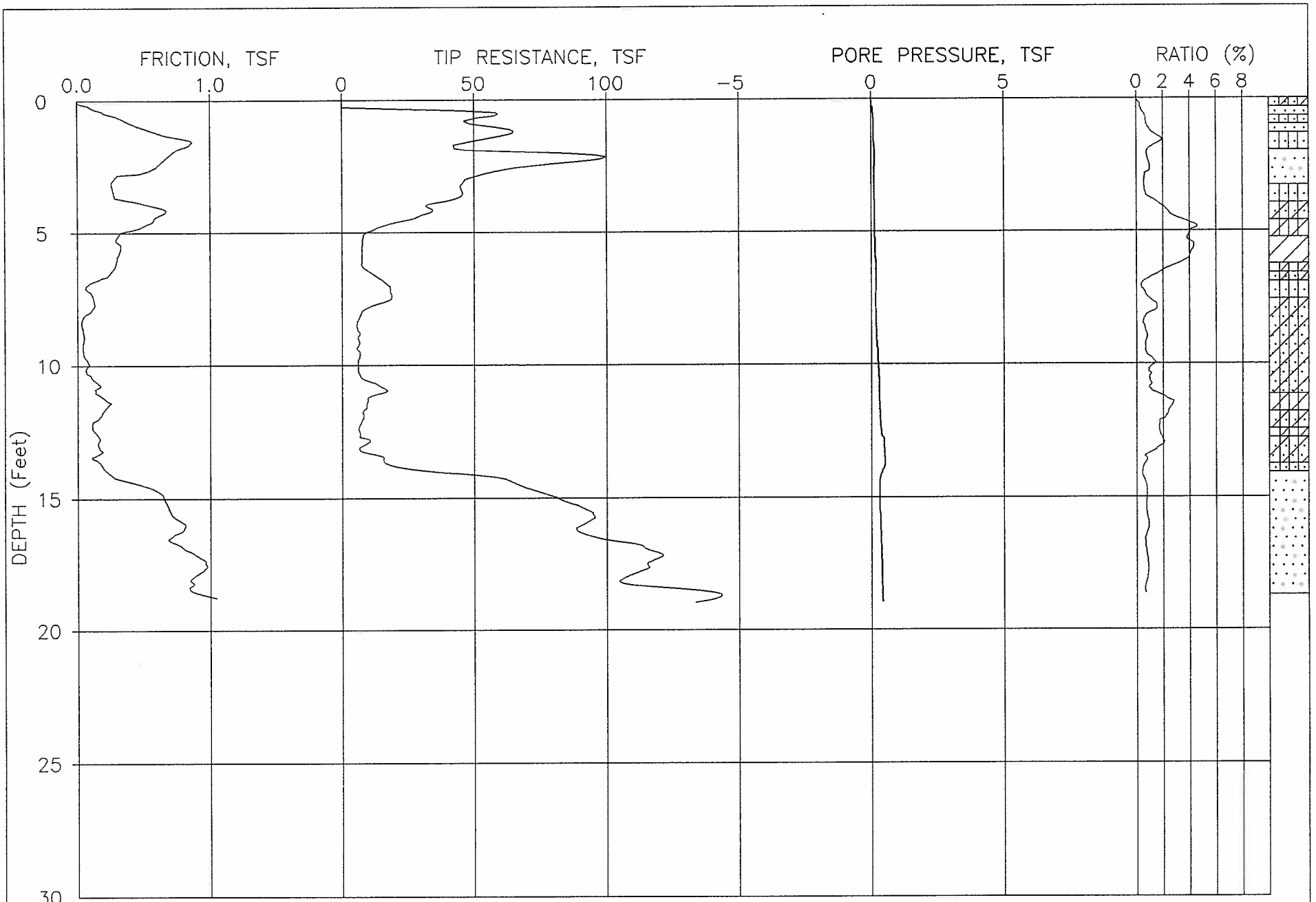
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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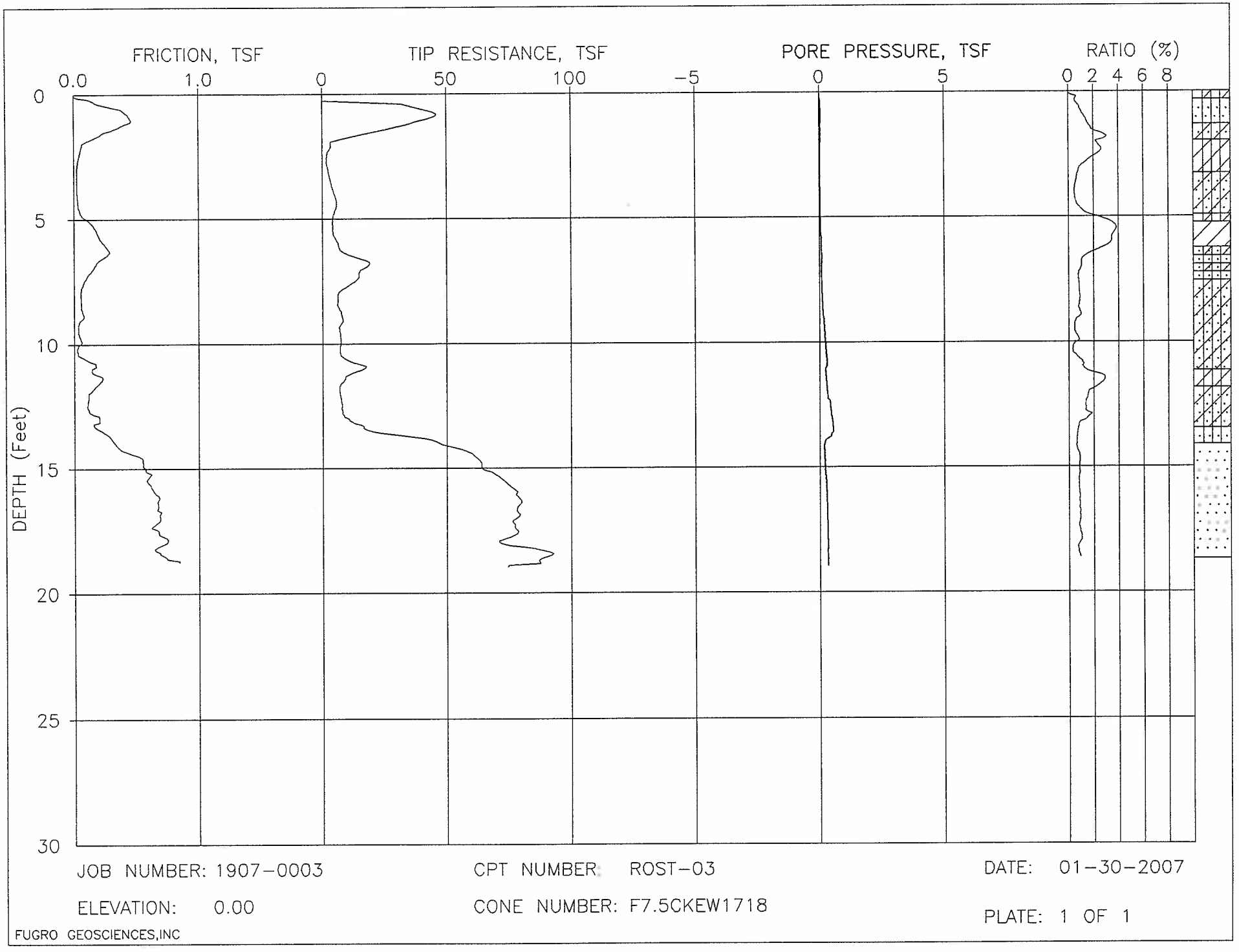
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FUGRO GEOSCIENCES,INC



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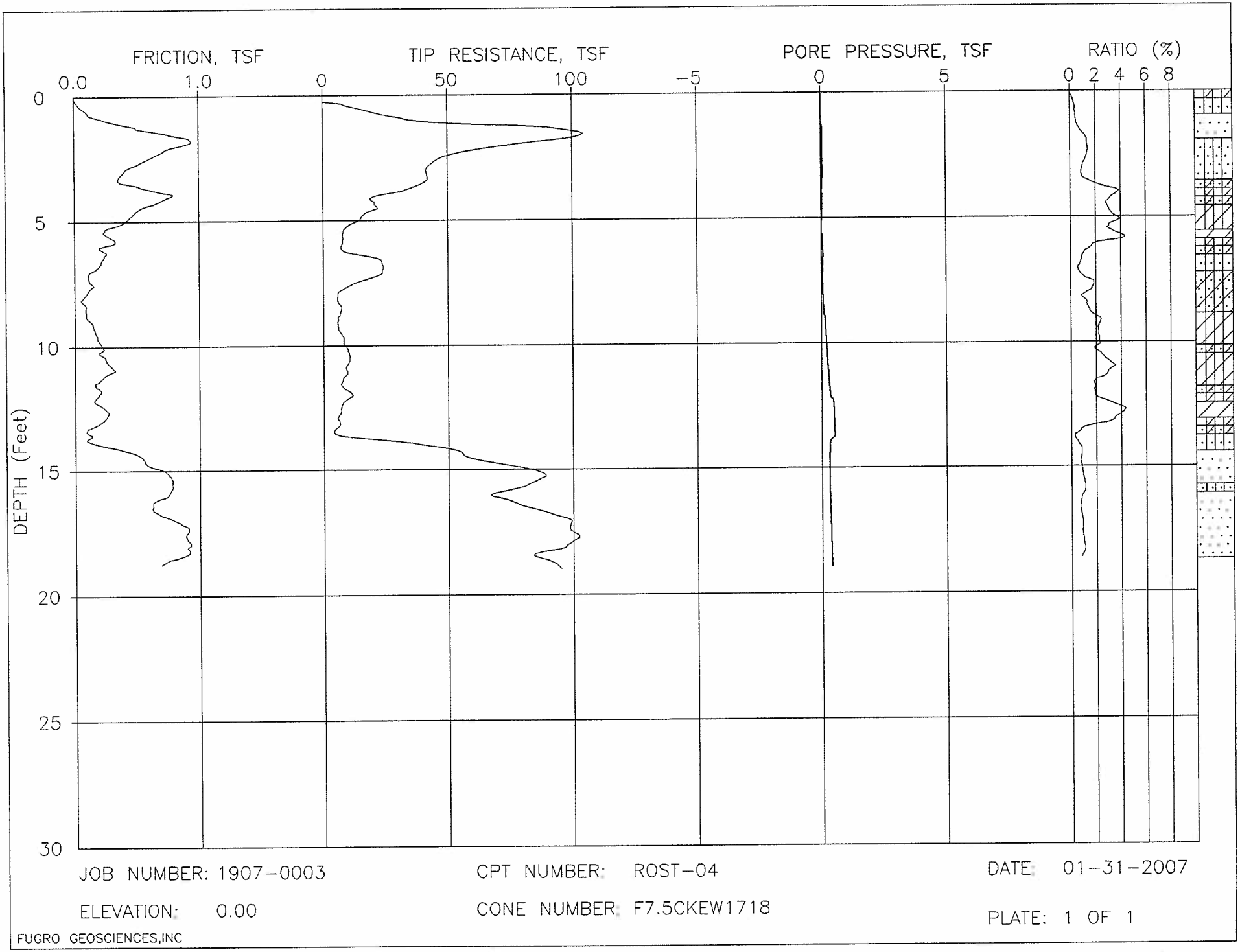
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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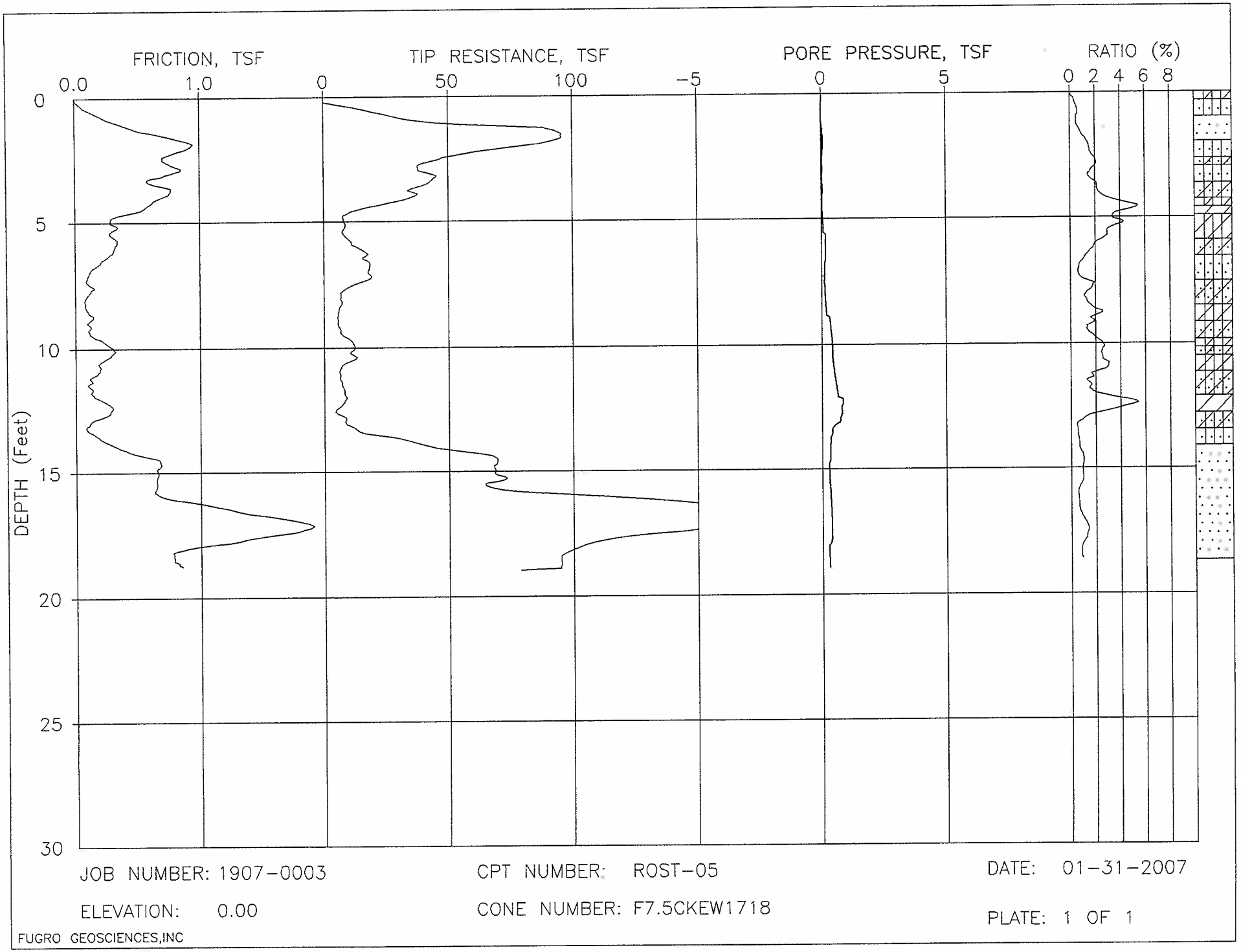
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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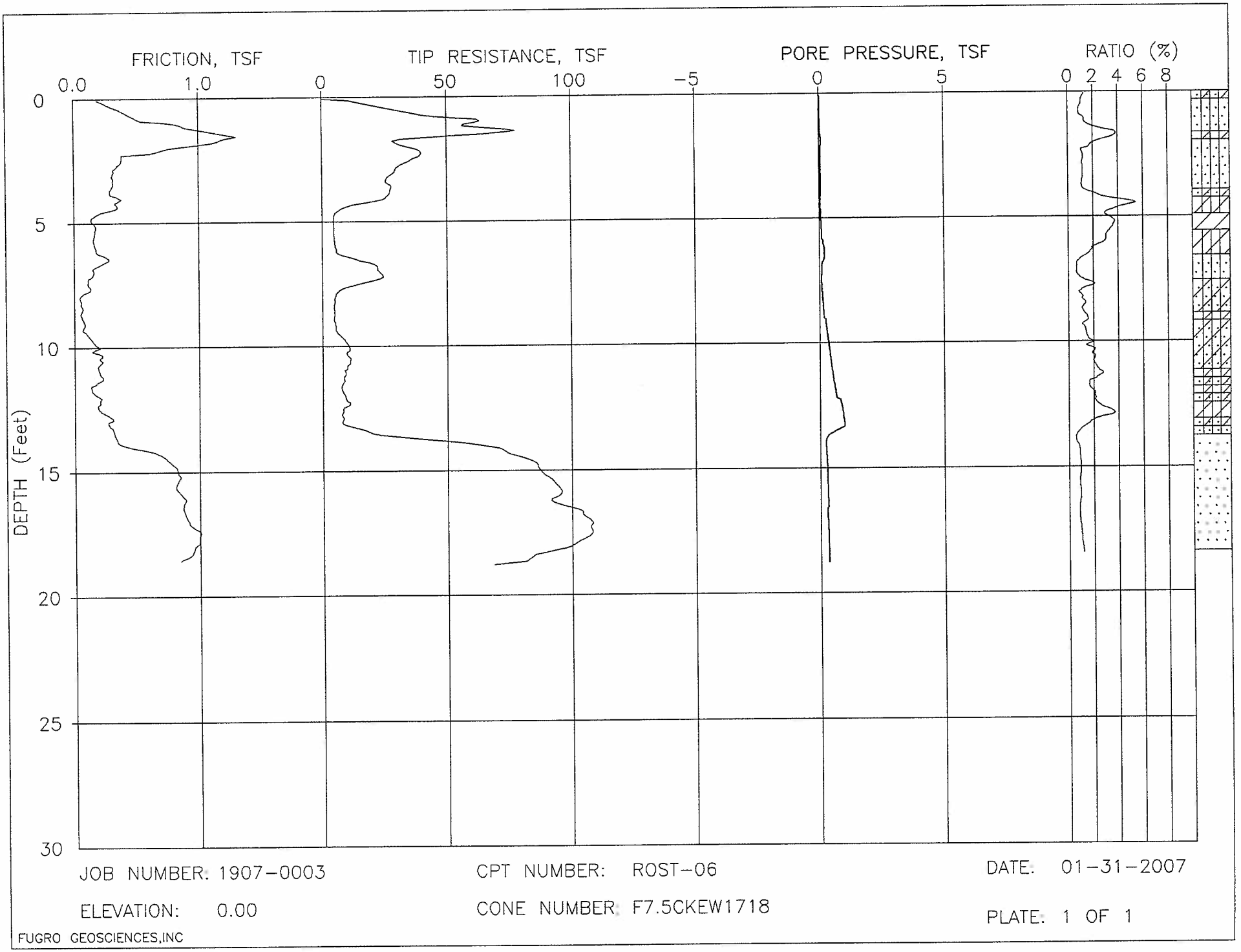
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FUGRO GEOSCIENCES,INC



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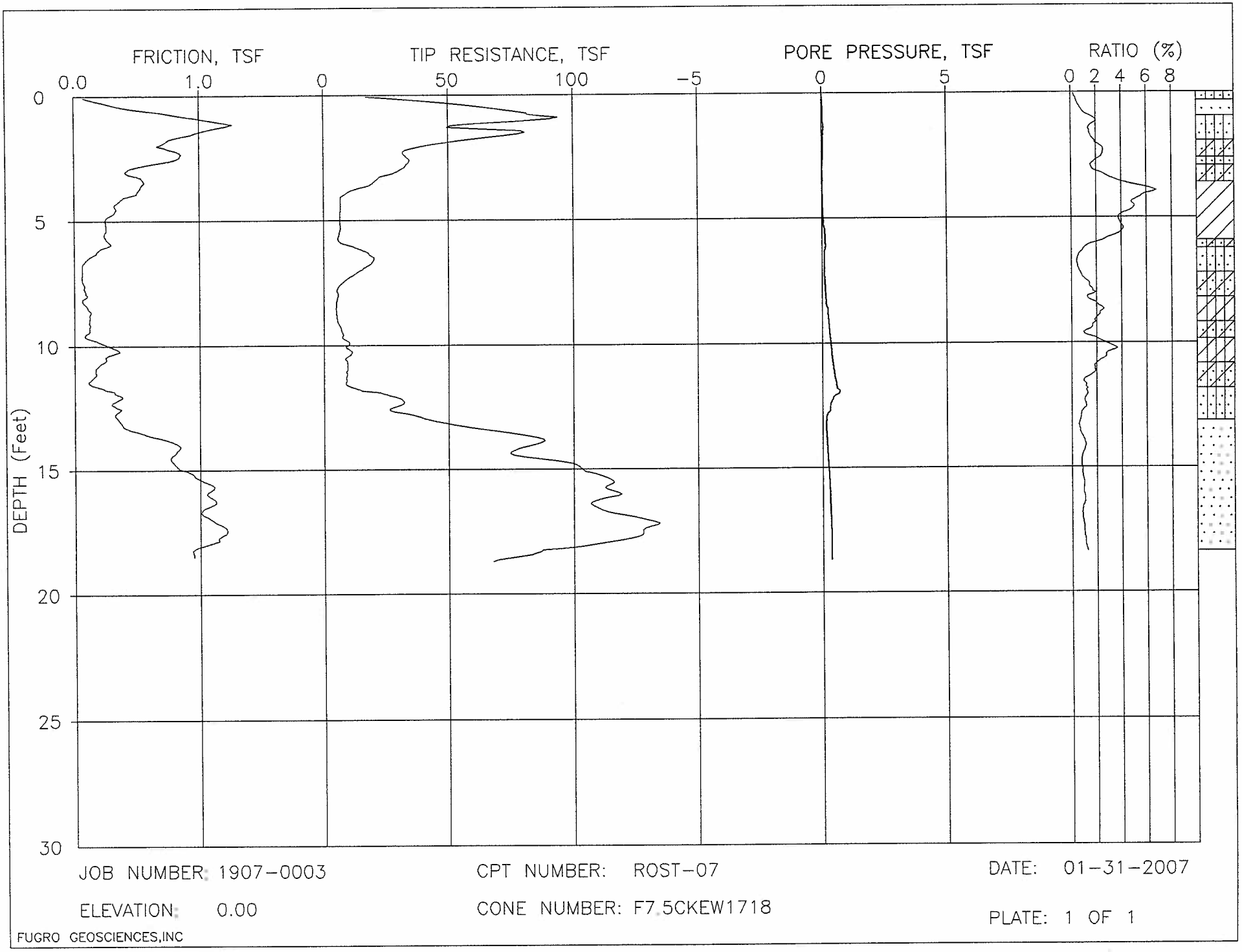
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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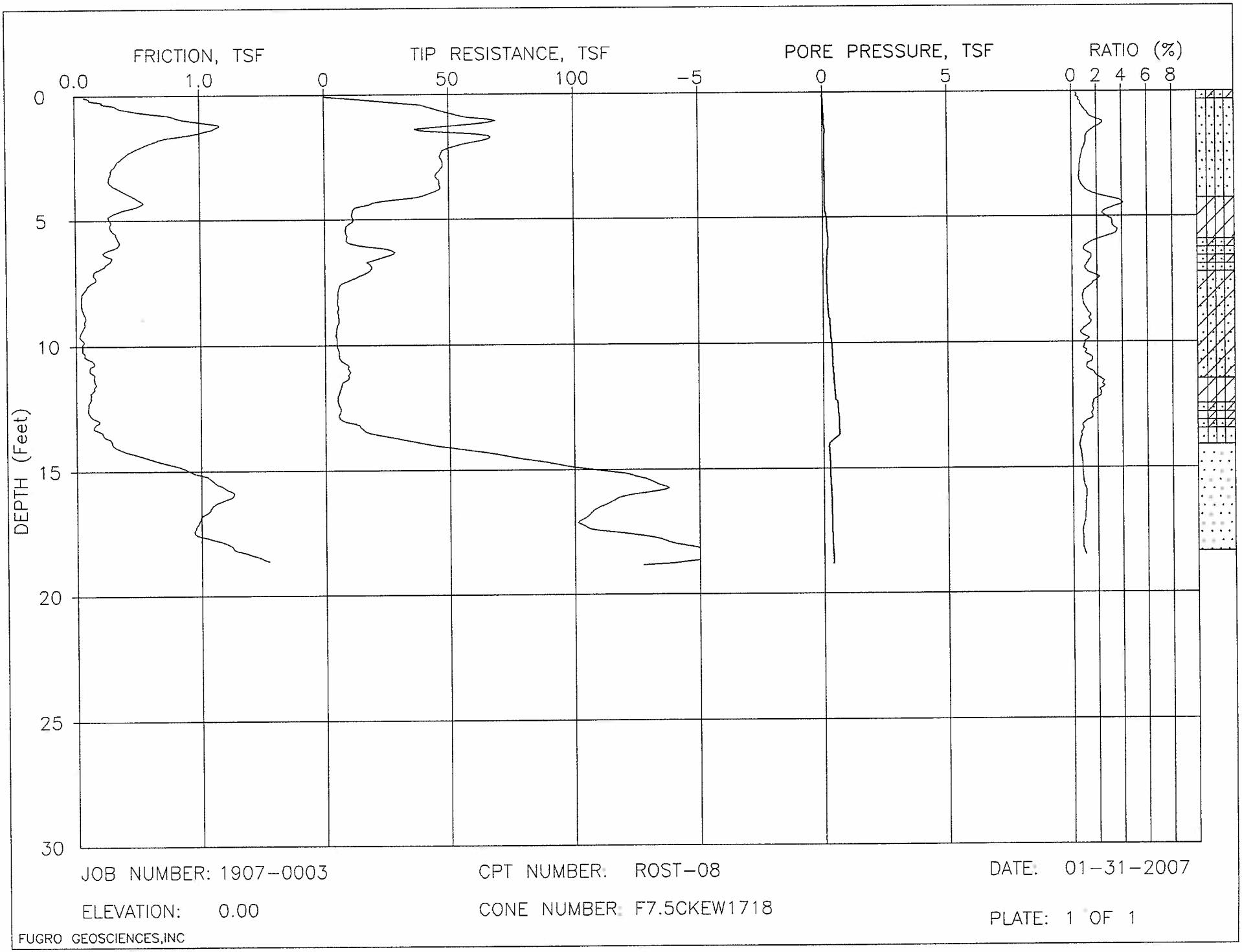
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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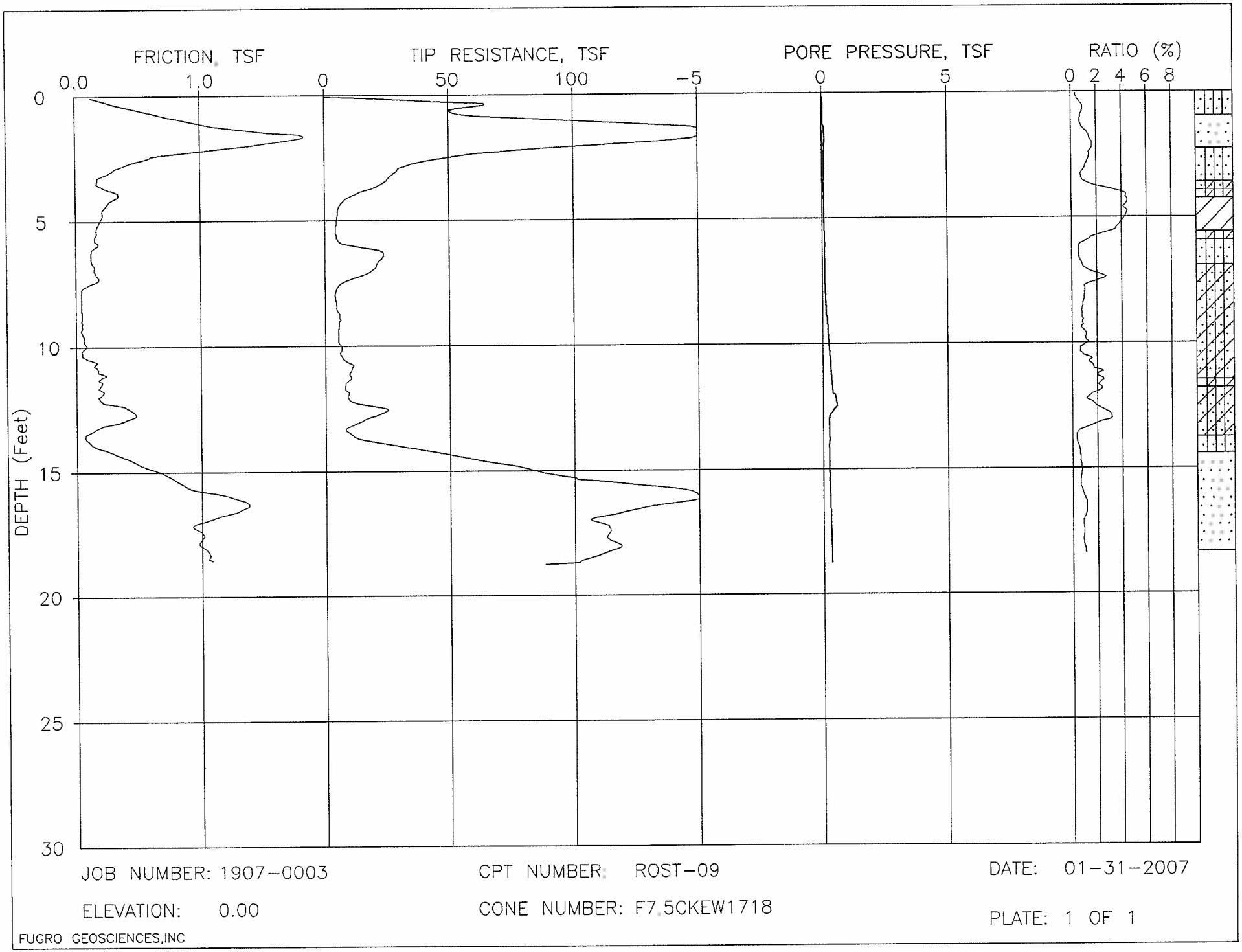
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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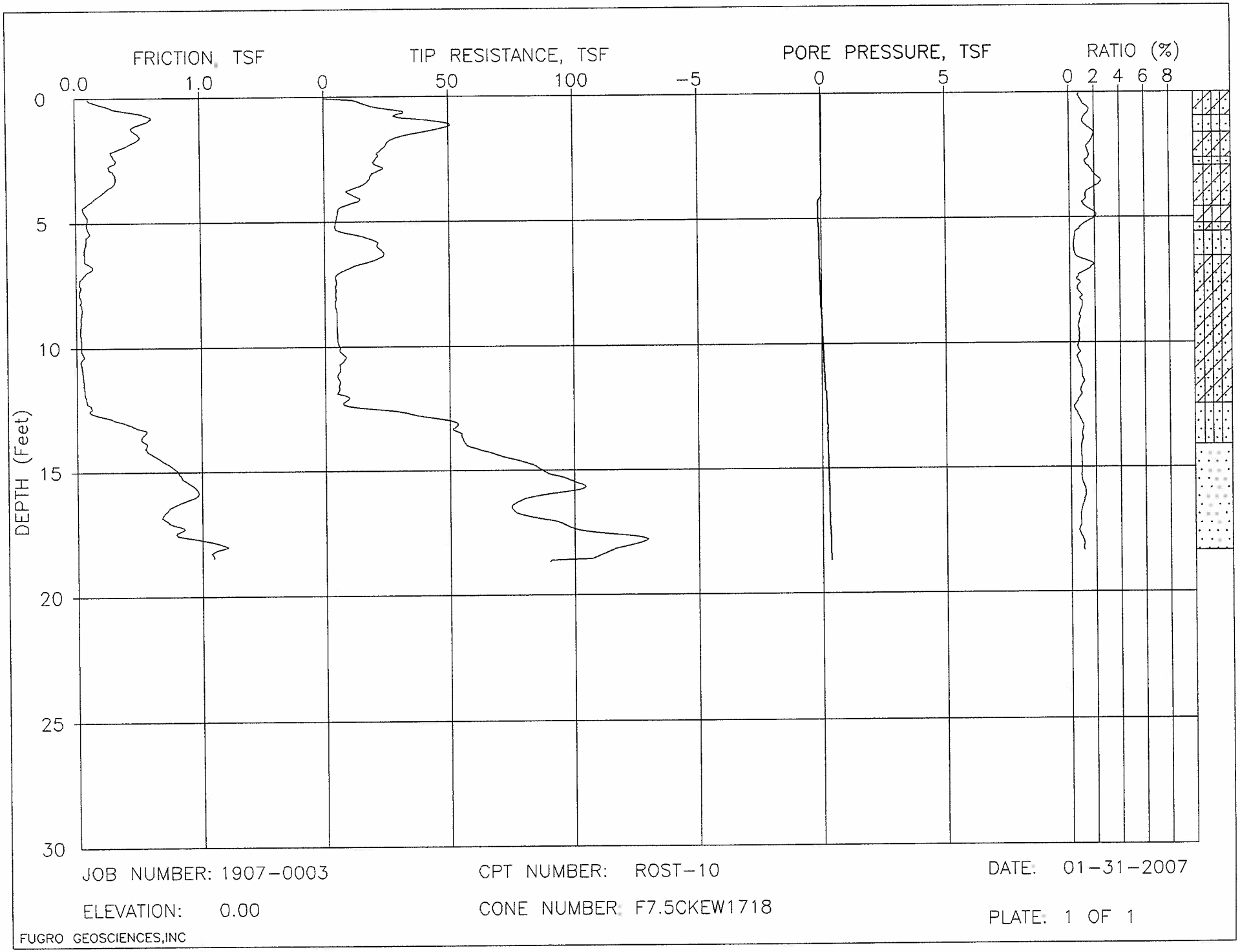
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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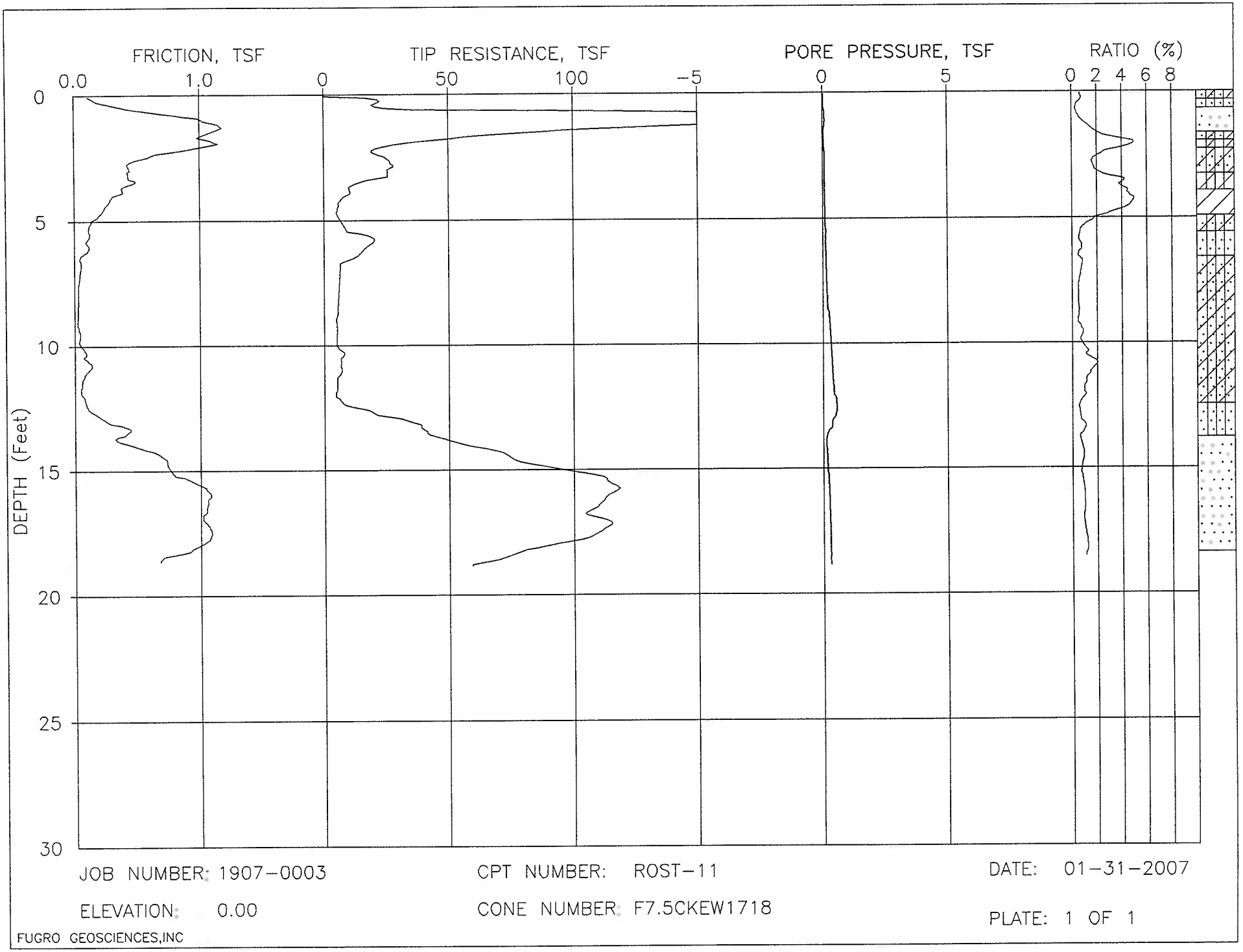
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DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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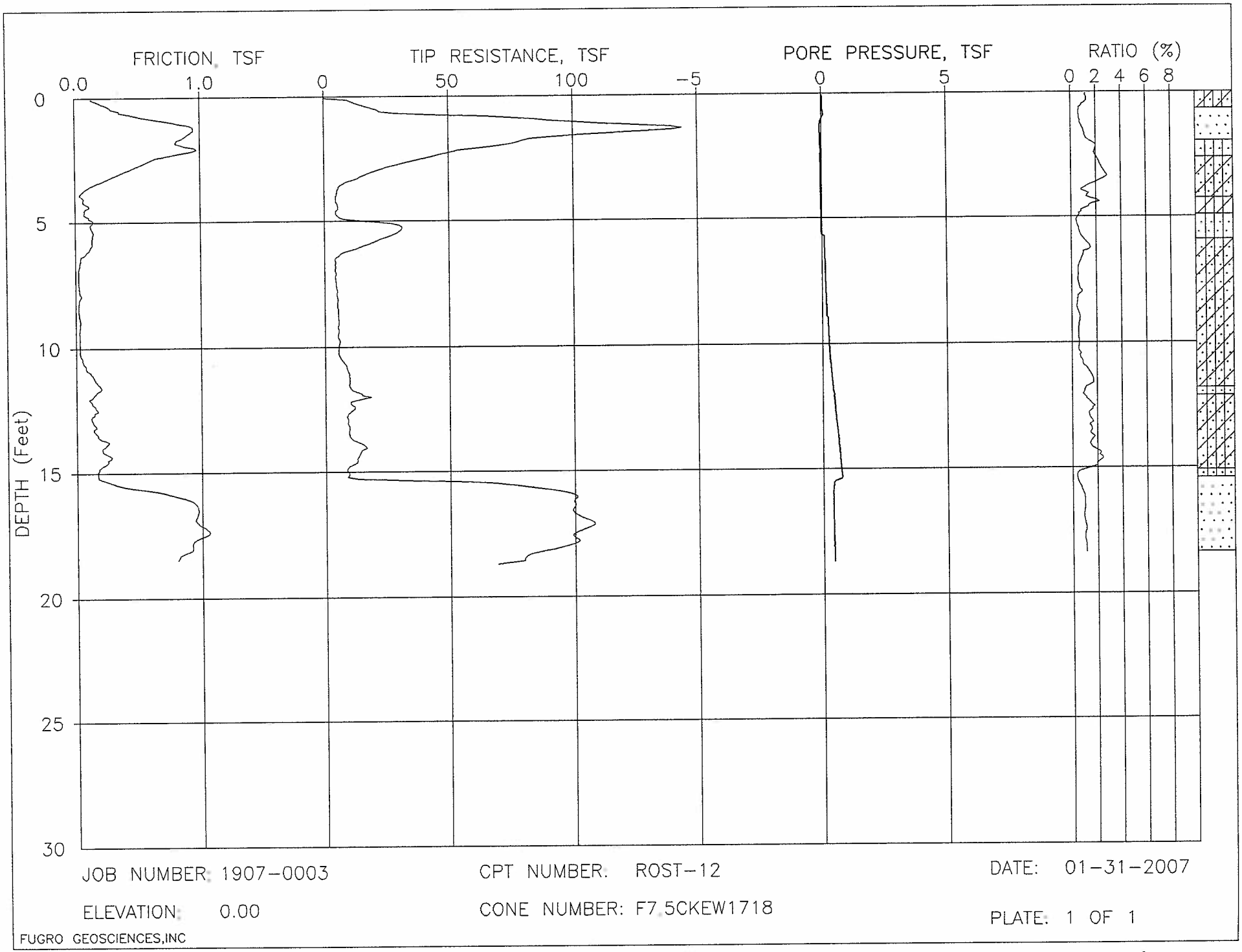
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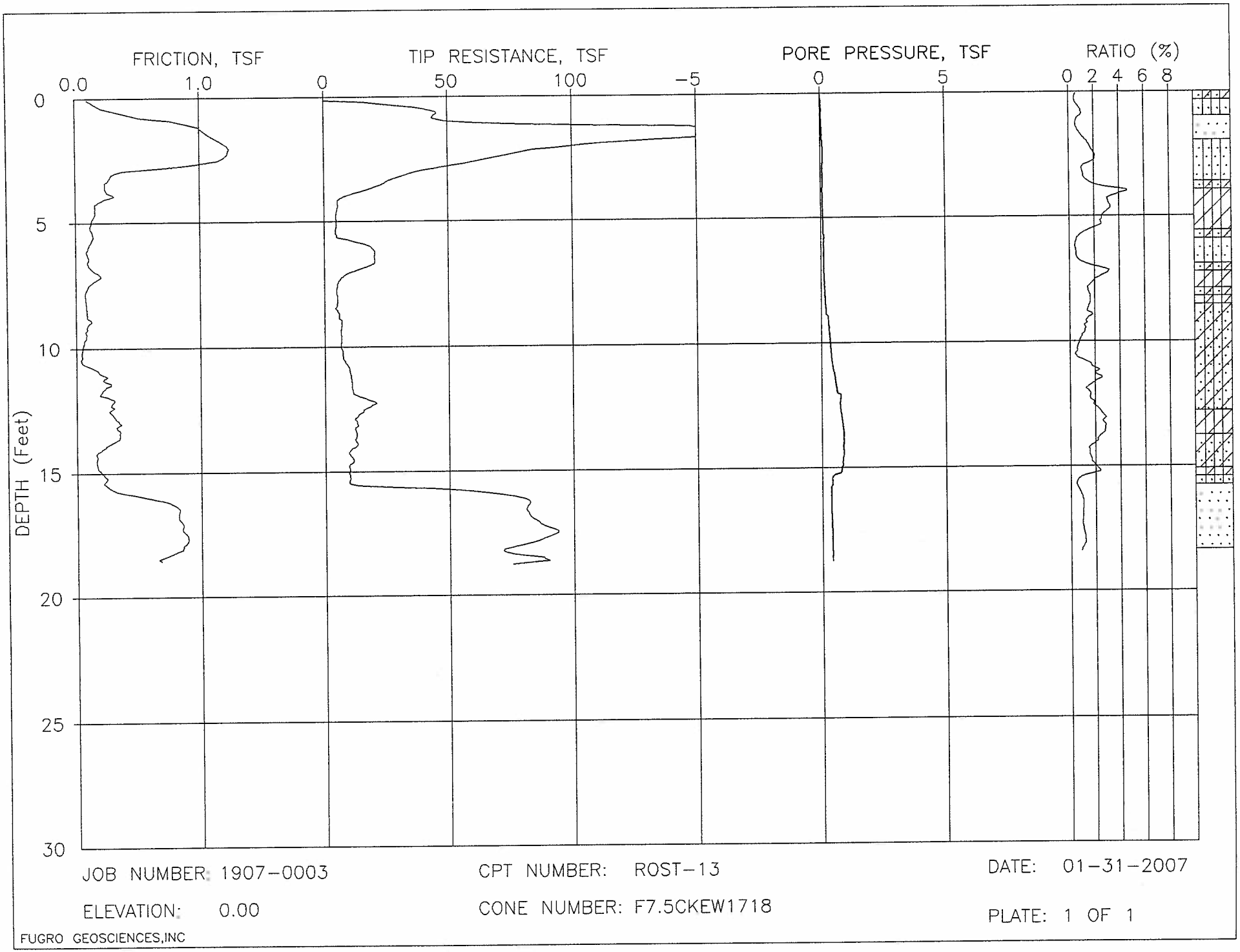
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CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
−5
PORE PRESSURE, TSF
0
5
RATIO (%)
0 2 4 6 8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−12
CONE NUMBER: F7.5CKEW1718
DATE: 01−31−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

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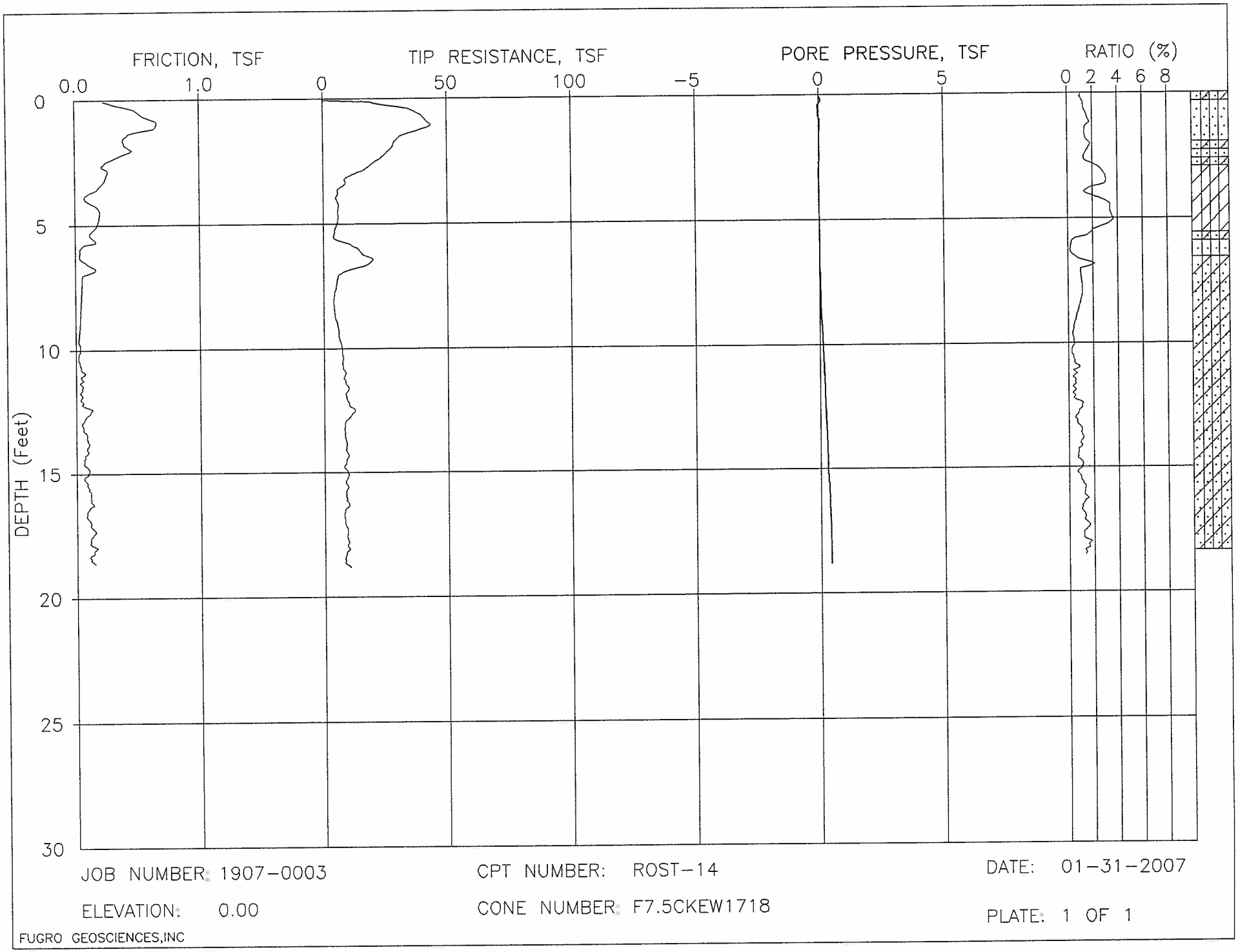
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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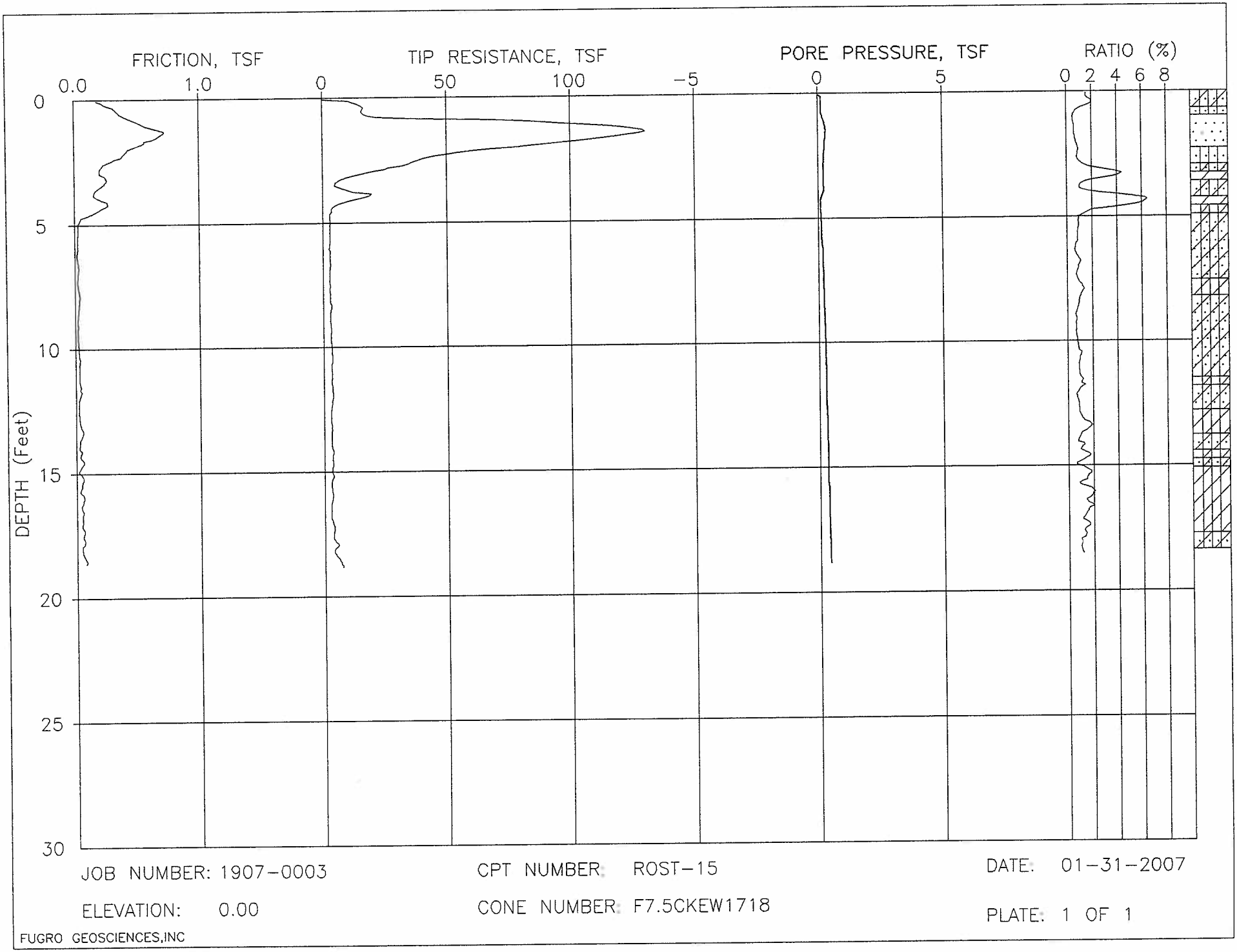
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DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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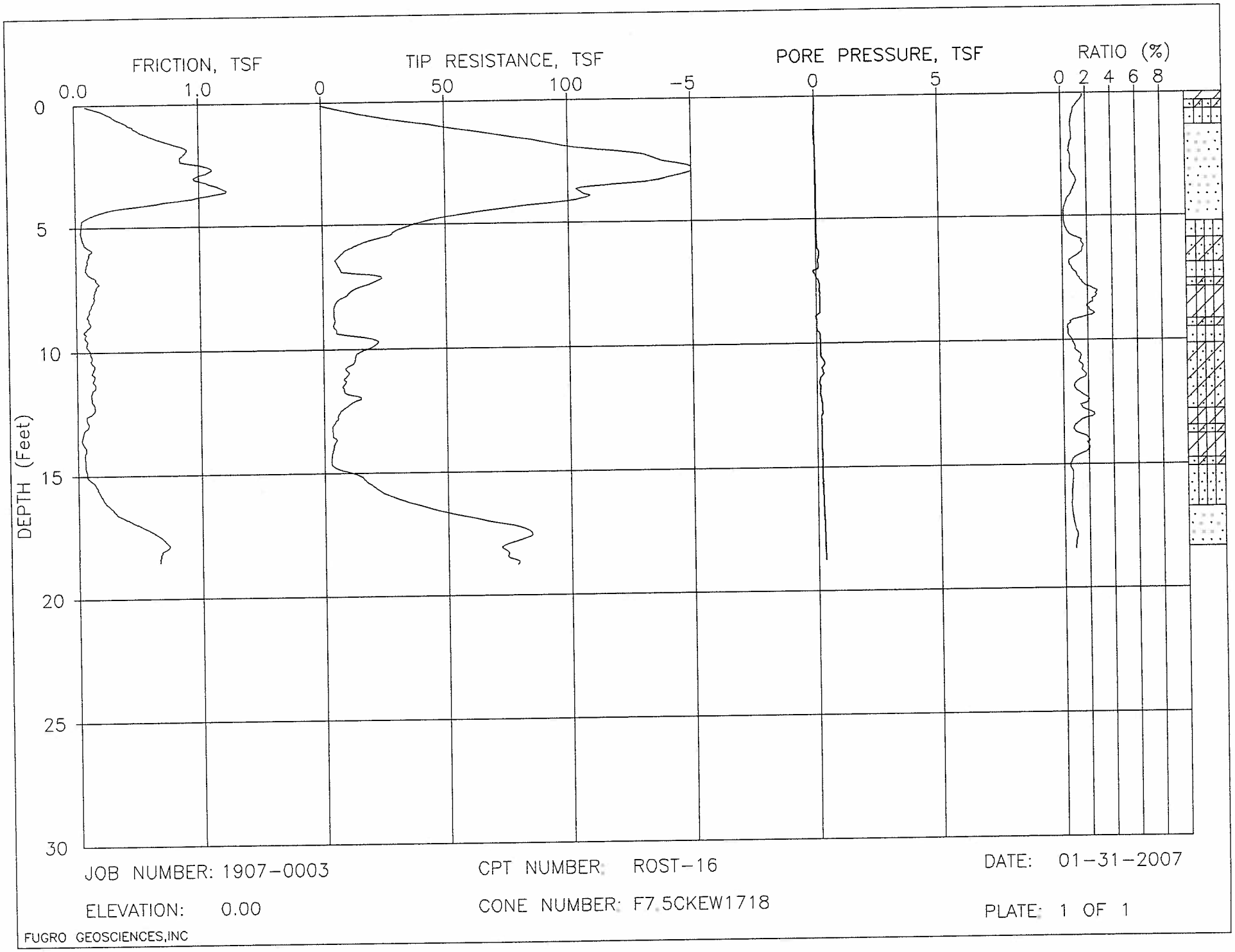
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PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



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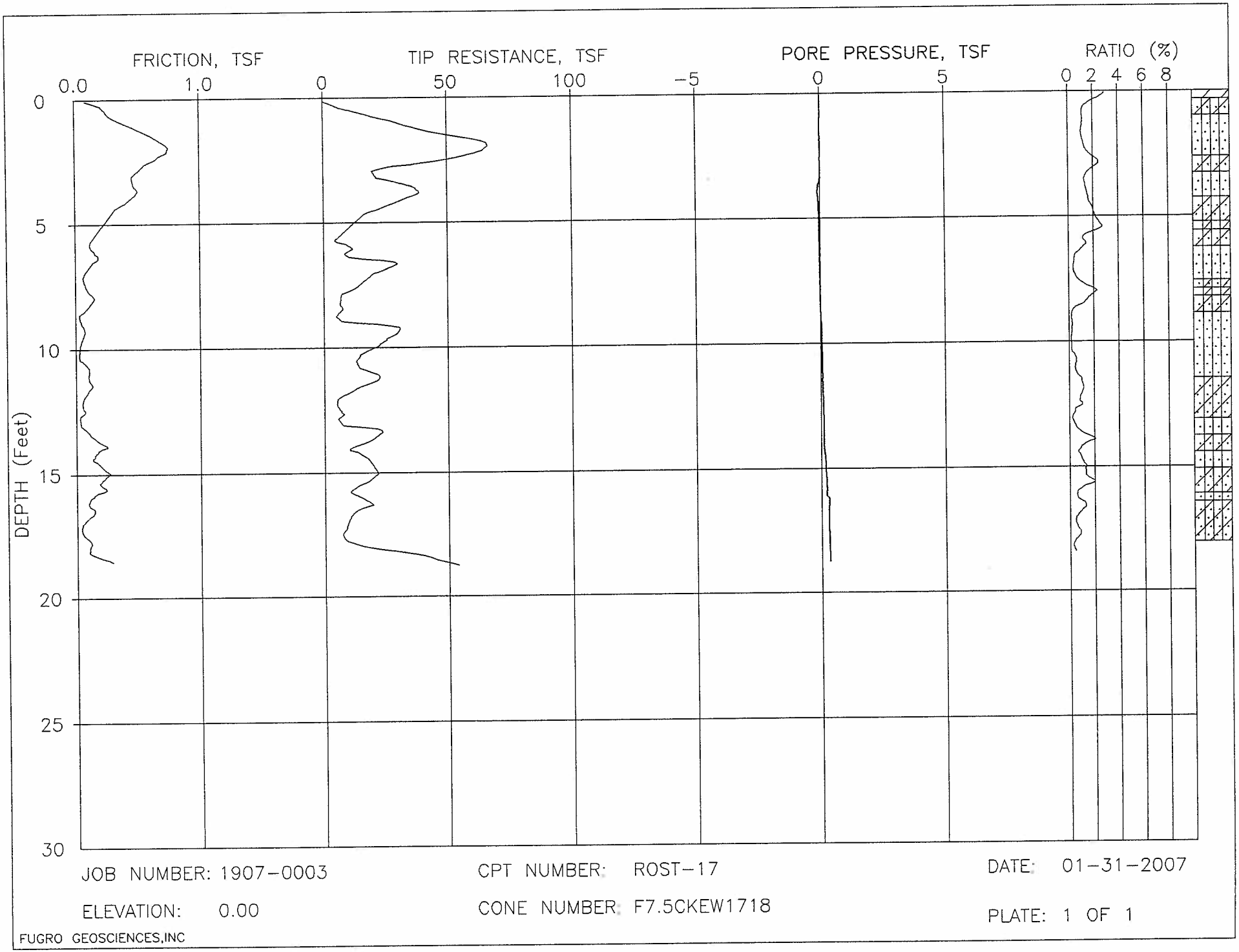
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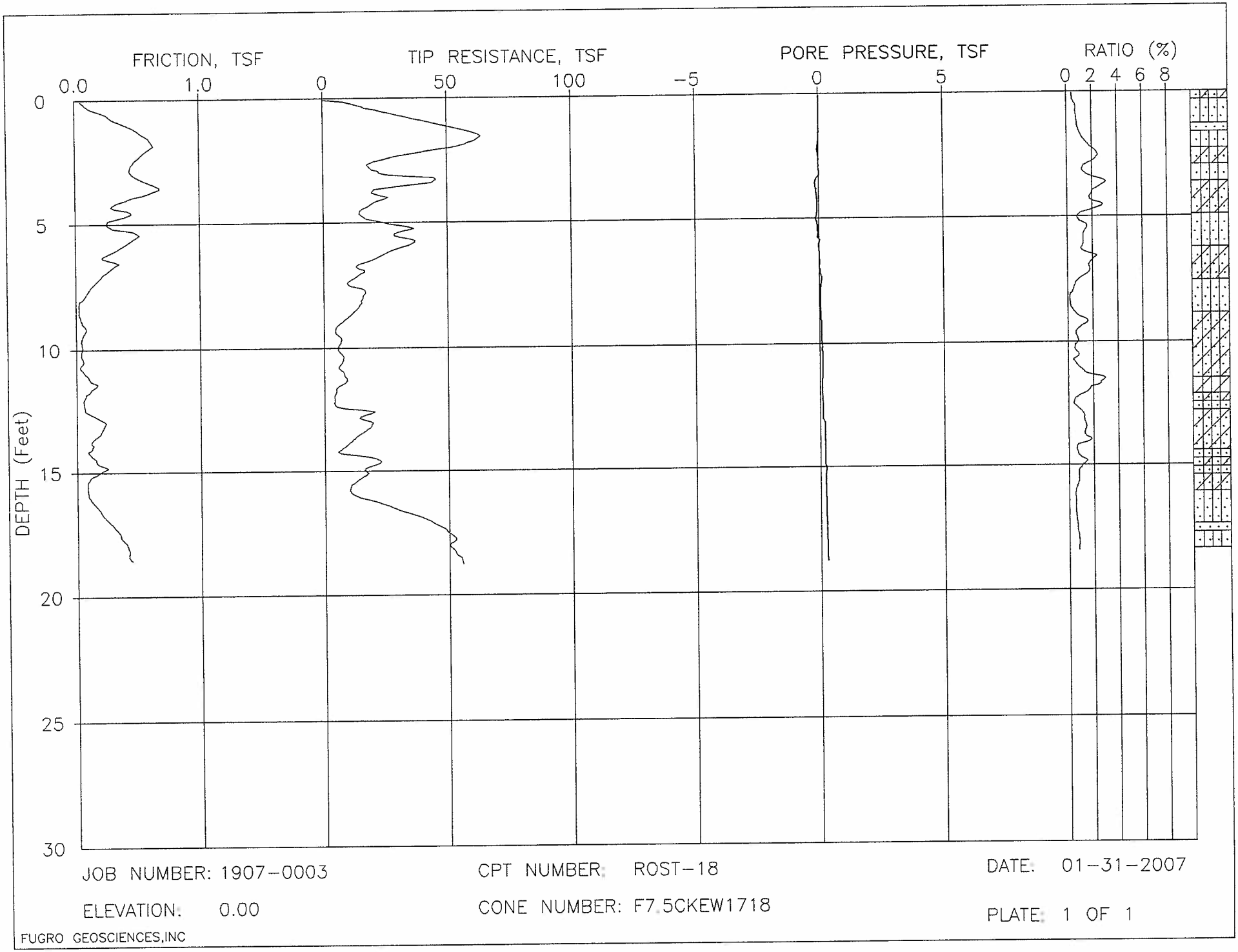
CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0
2
4
6
8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−17
CONE NUMBER: F7.5CKEW1718
DATE: 01−31−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−18

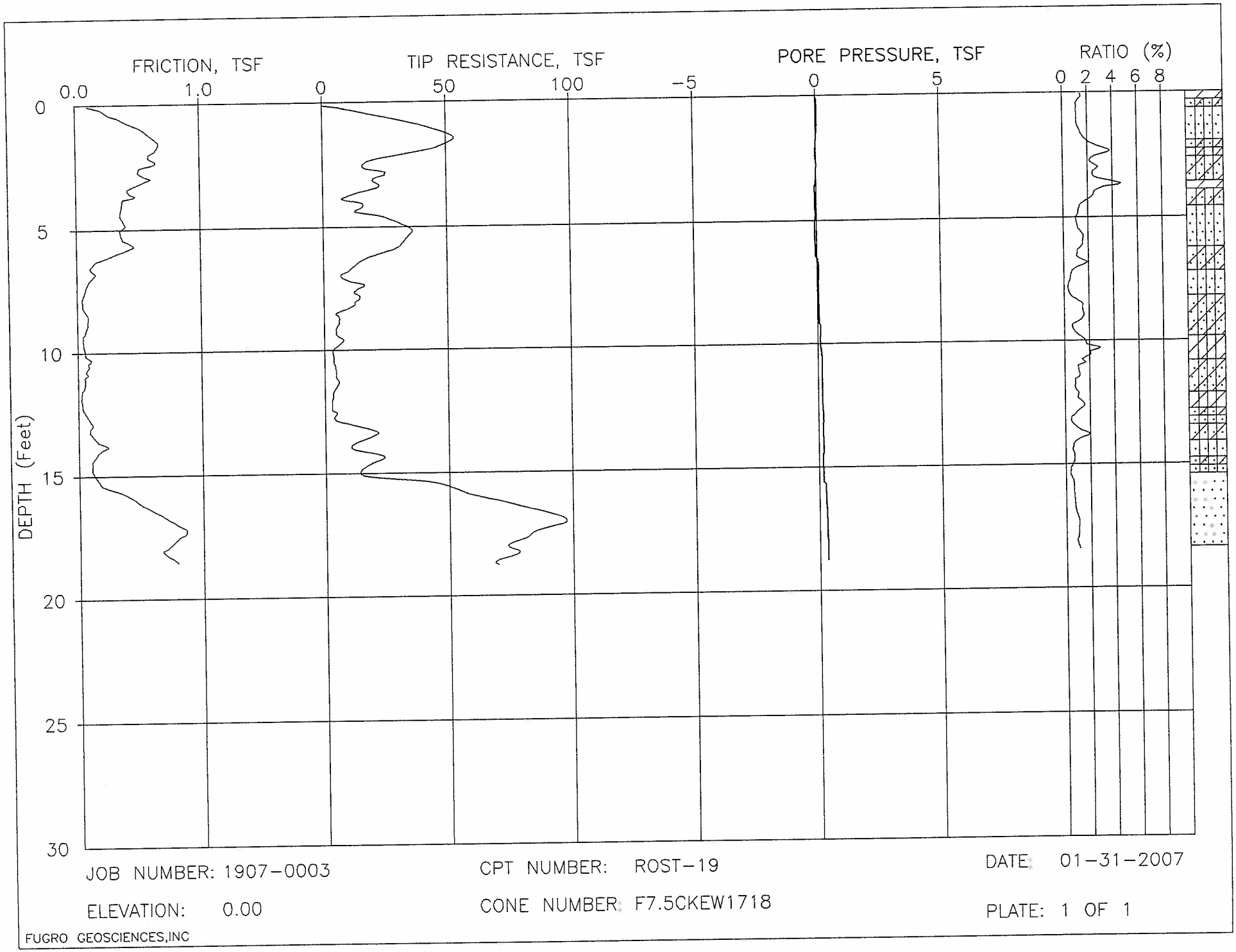
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−19

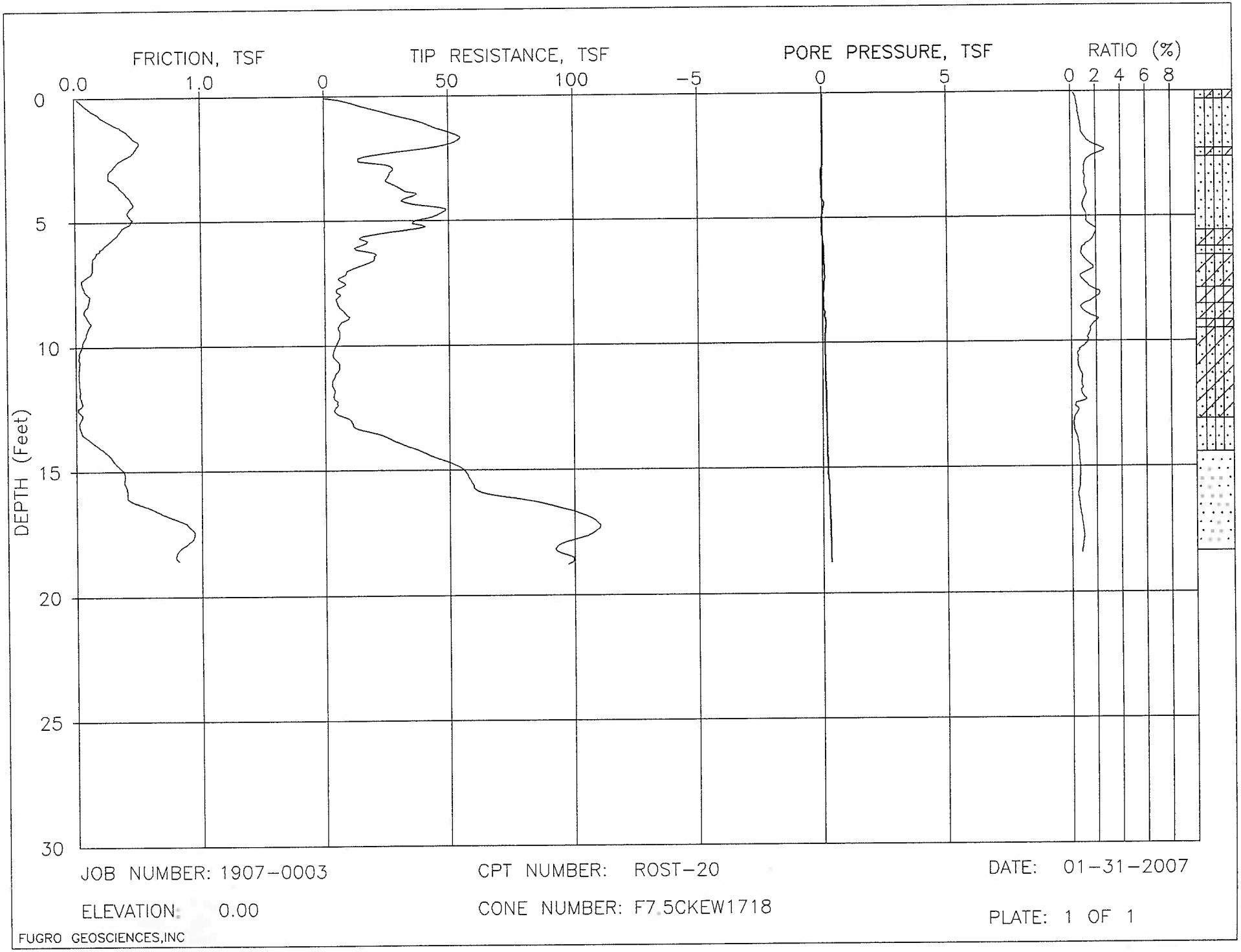
DATE: 01−31−2007

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CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−20

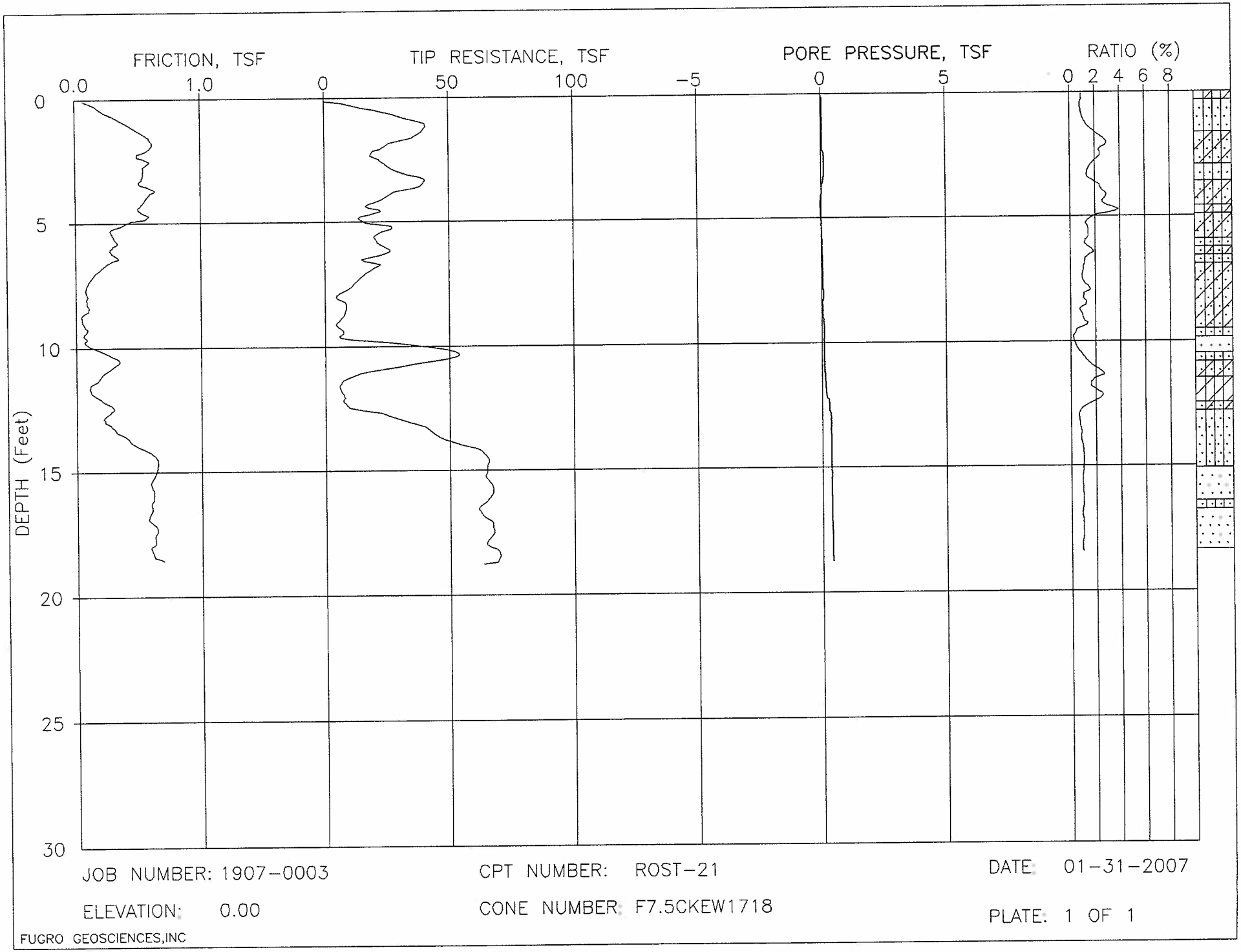
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−21

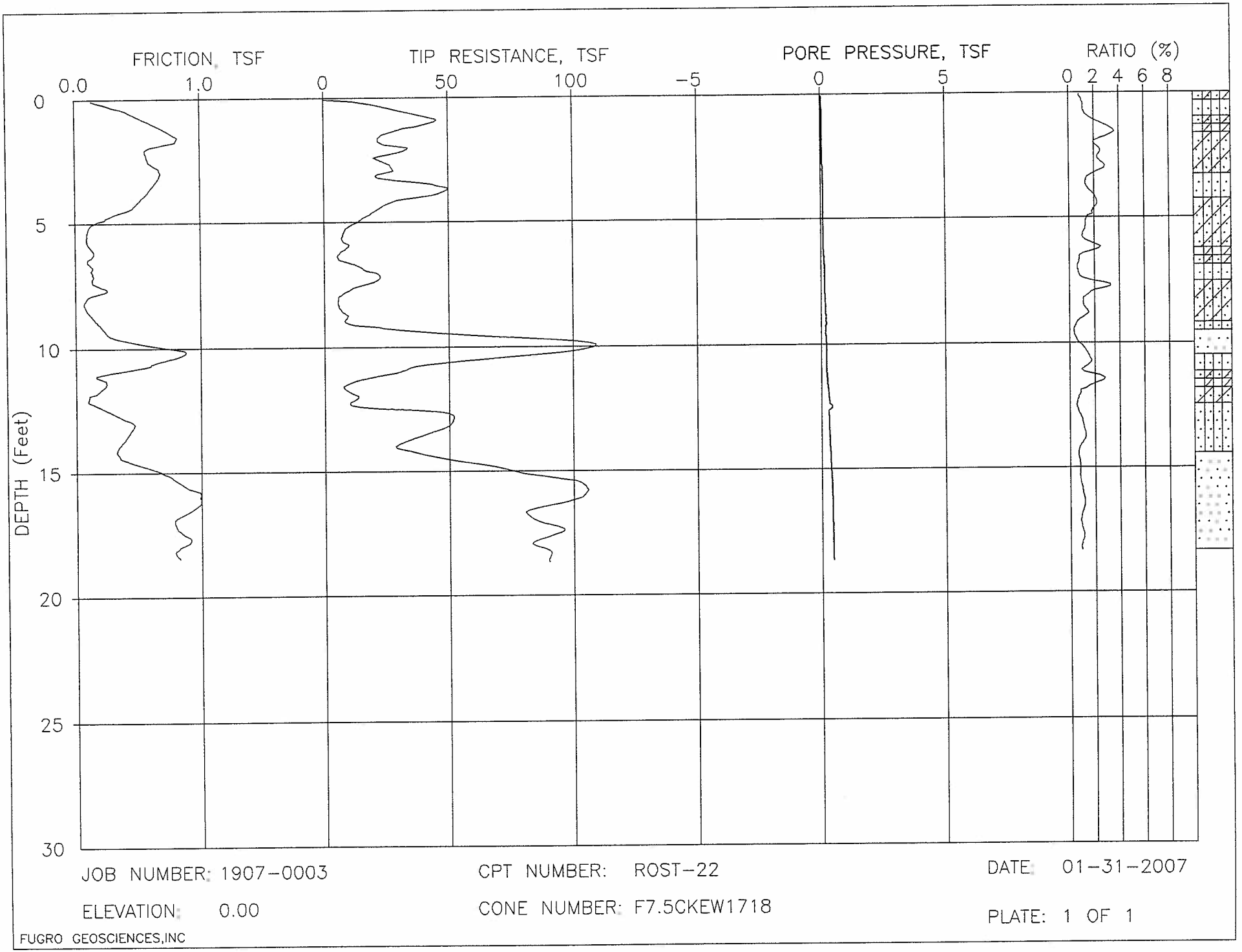
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907-0003

CPT NUMBER: ROST-22

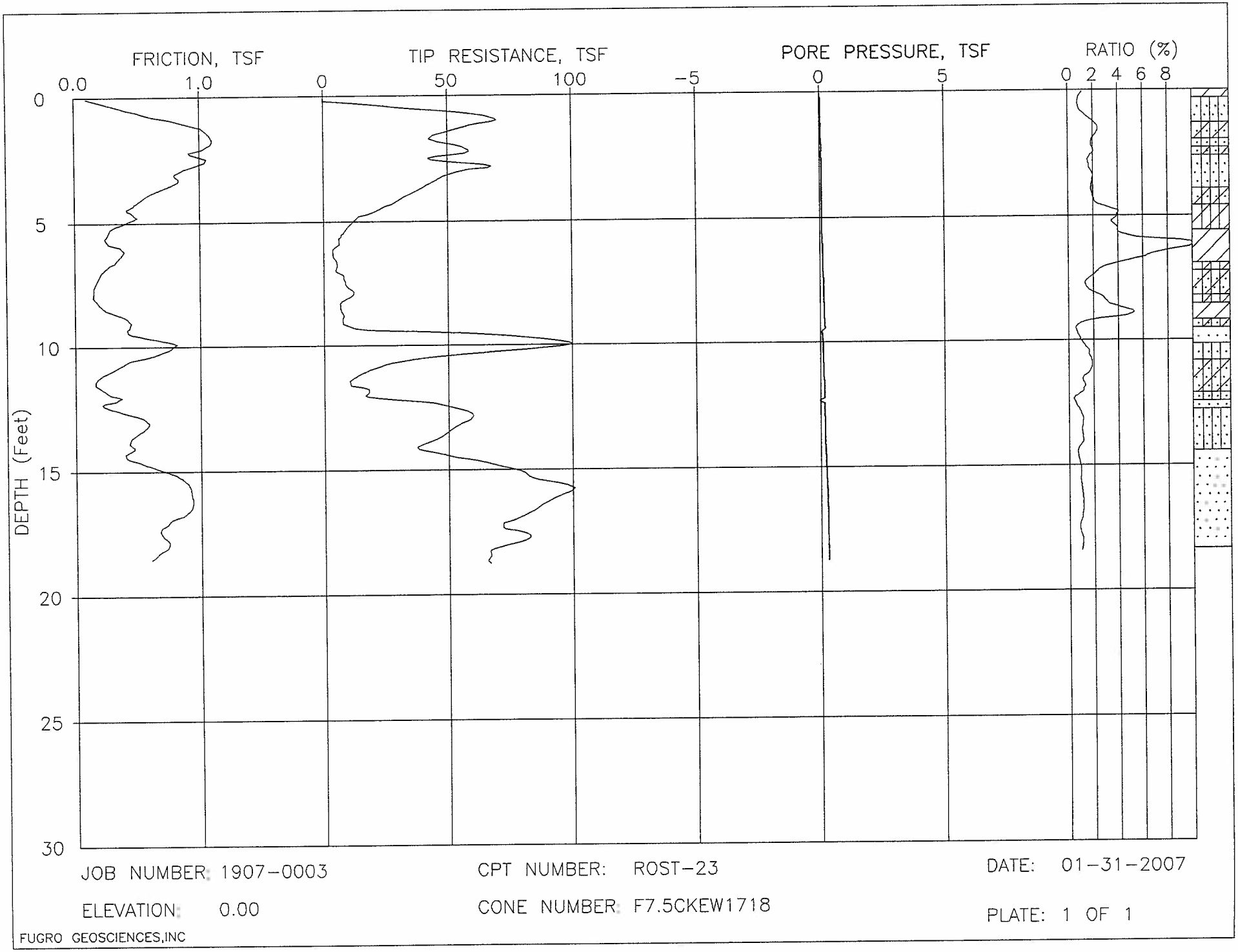
DATE: 01-31-2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

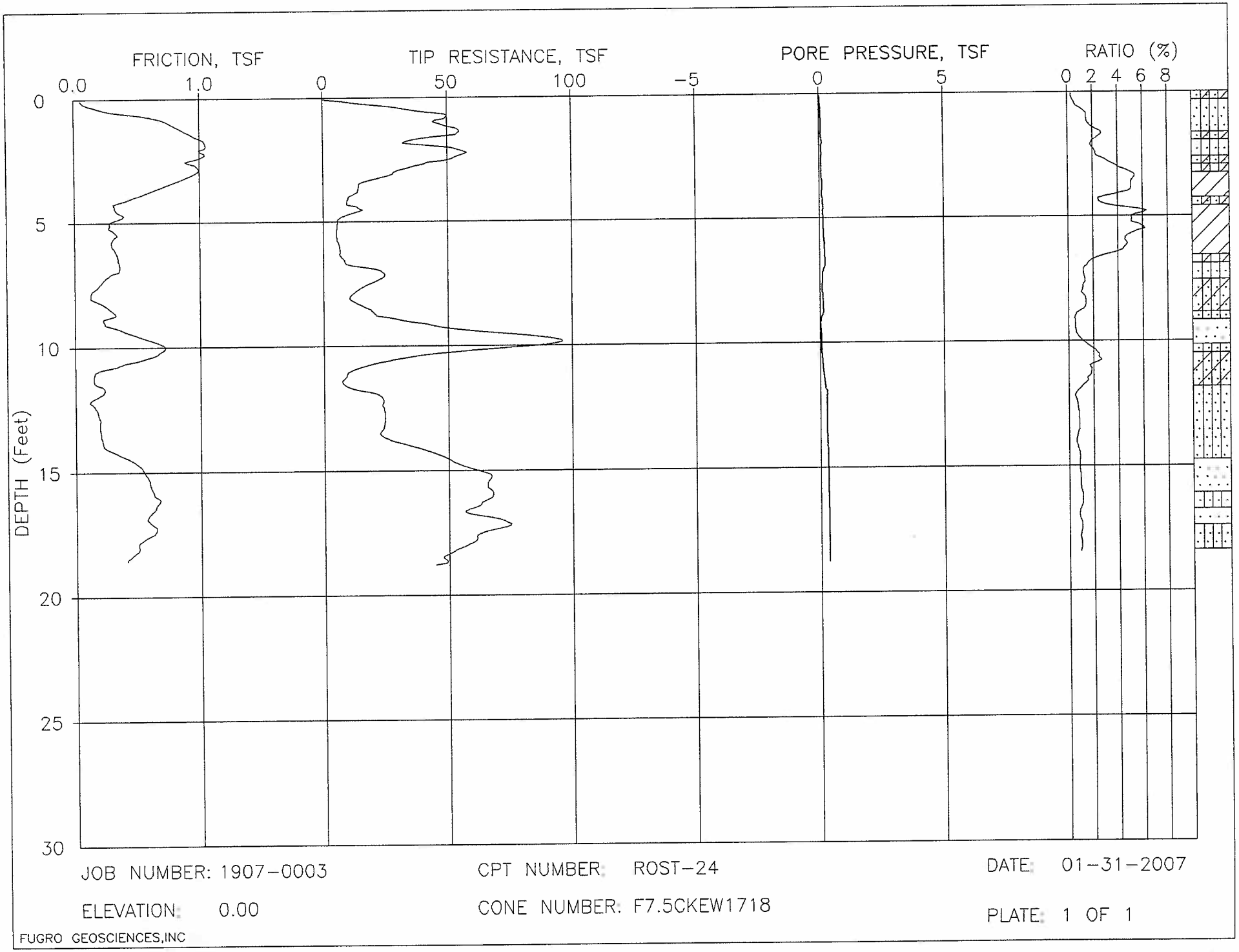
CPT NUMBER: ROST−23

CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−24

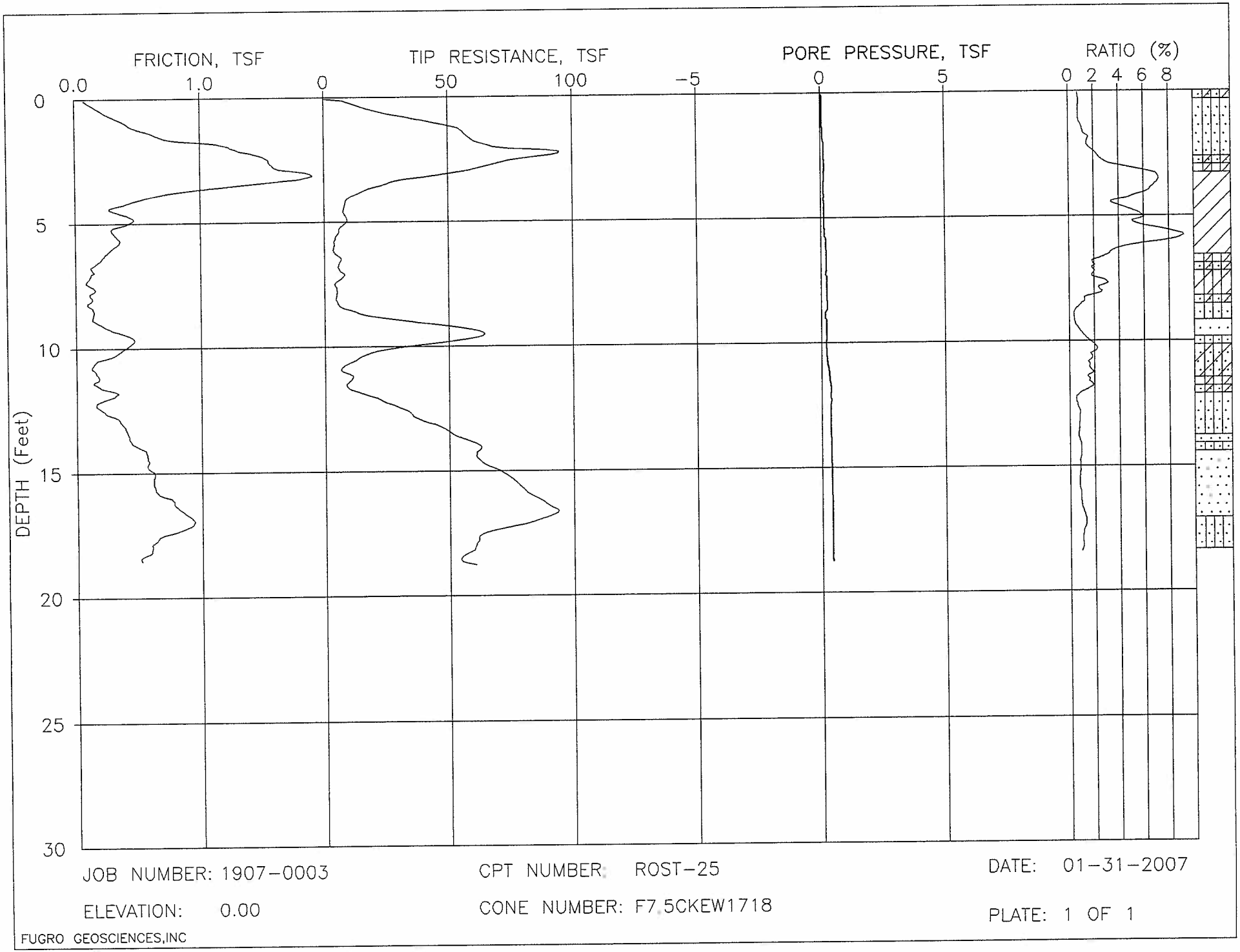
DATE: 01−31−2007

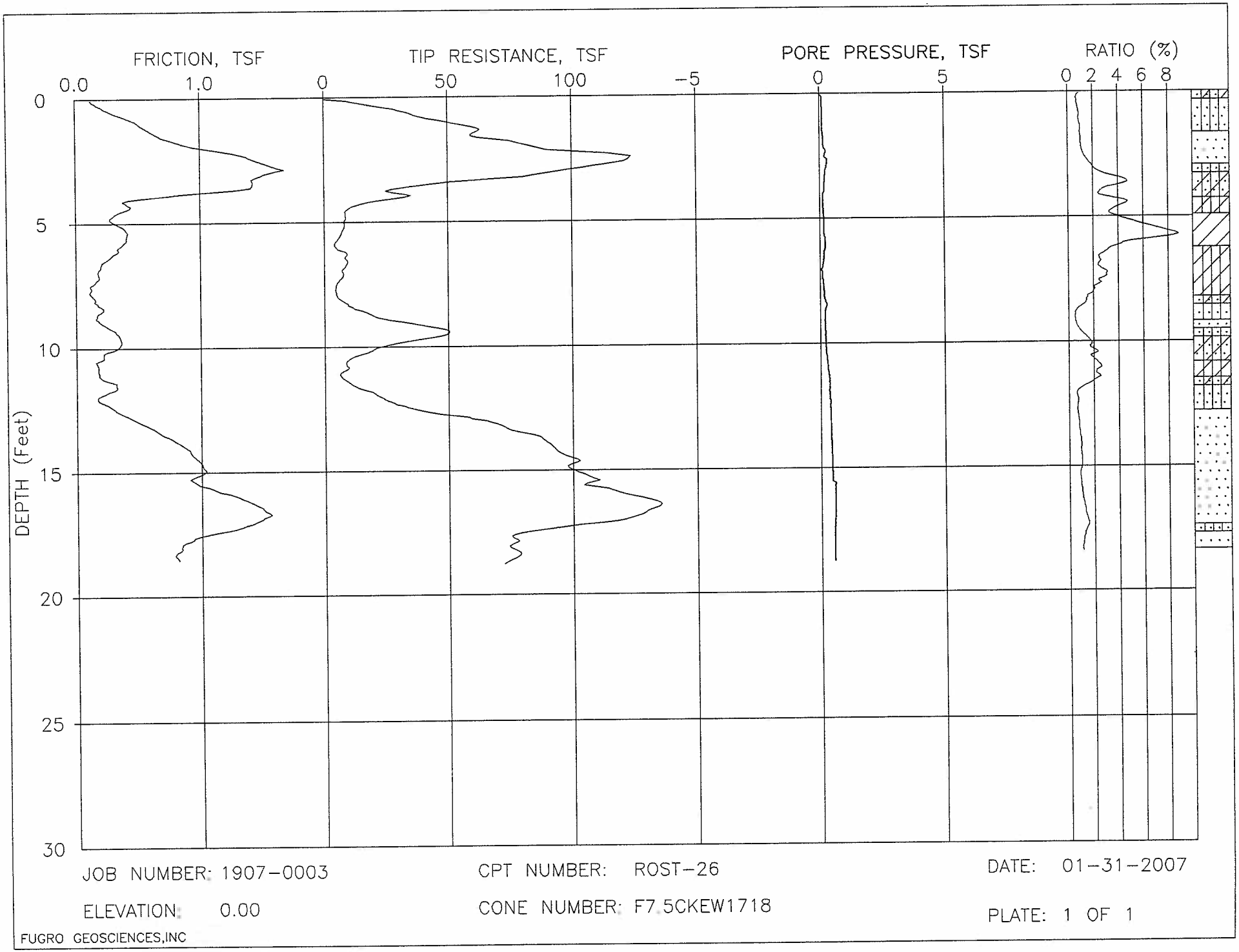
ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0 2 4 6 8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
CPT NUMBER: ROST−25
DATE: 01−31−2007
ELEVATION: 0.00
CONE NUMBER: F7.5CKEW1718
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

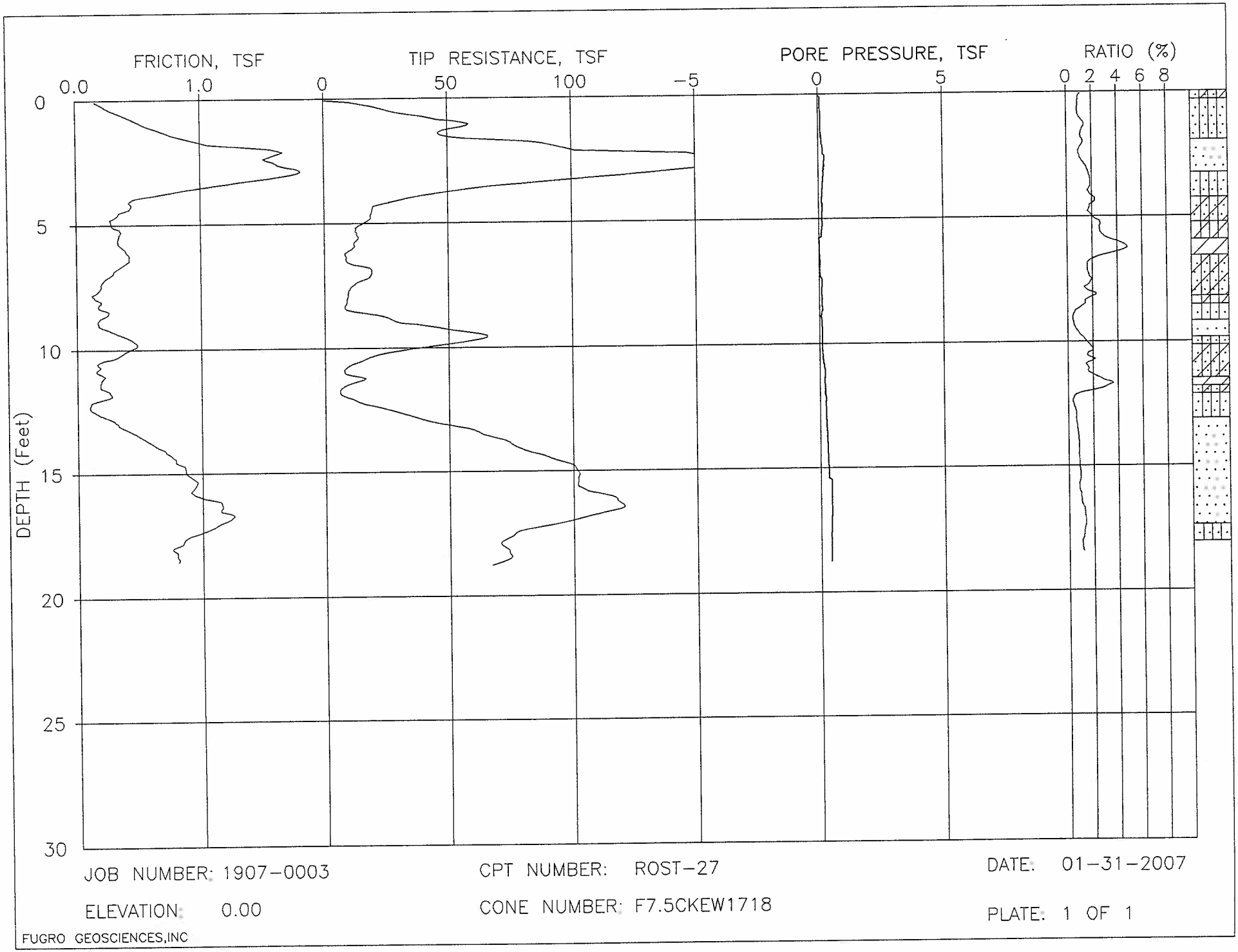
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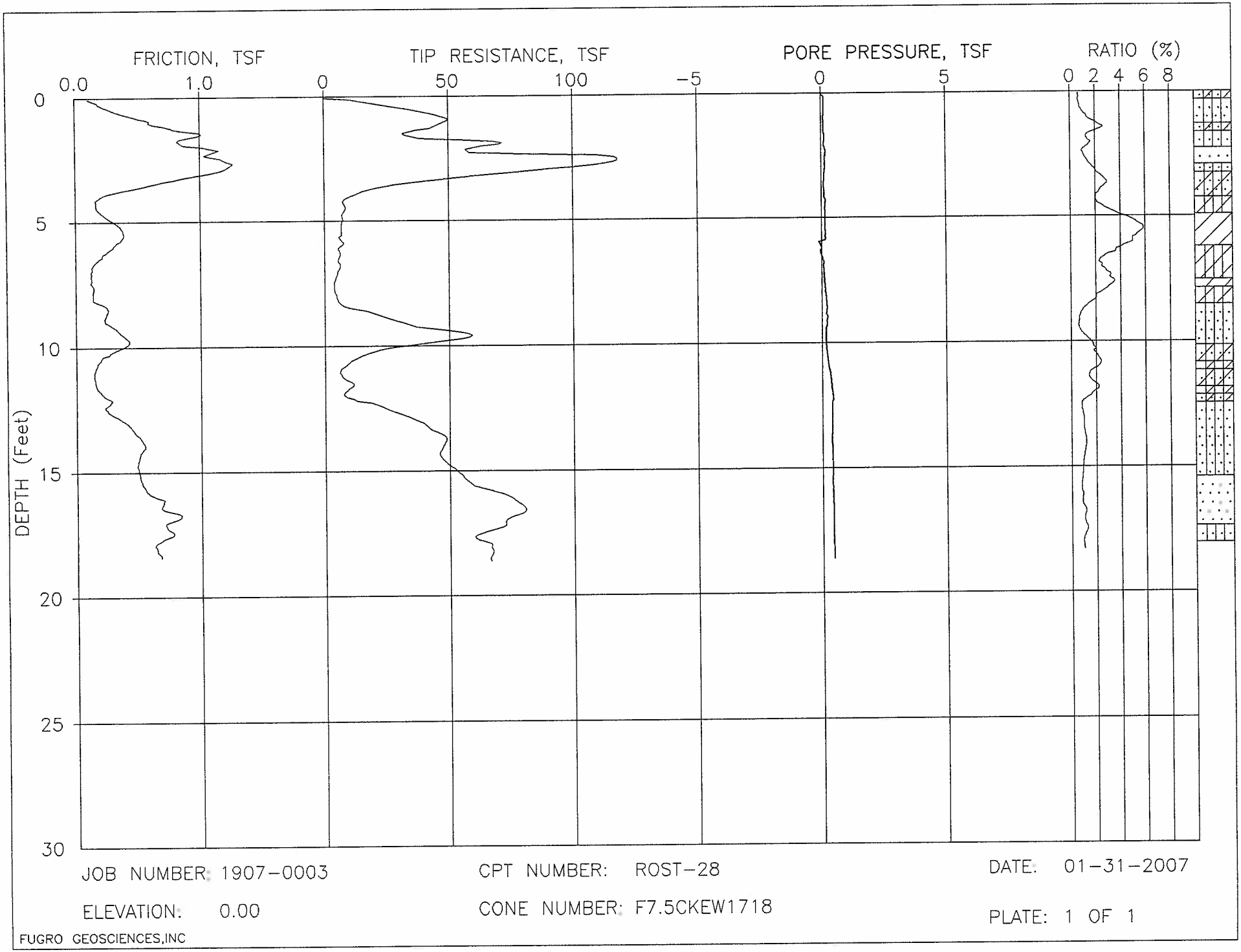
CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0
2
4
6
8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−27
CONE NUMBER: F7.5CKEW1718
DATE: 01−31−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−28

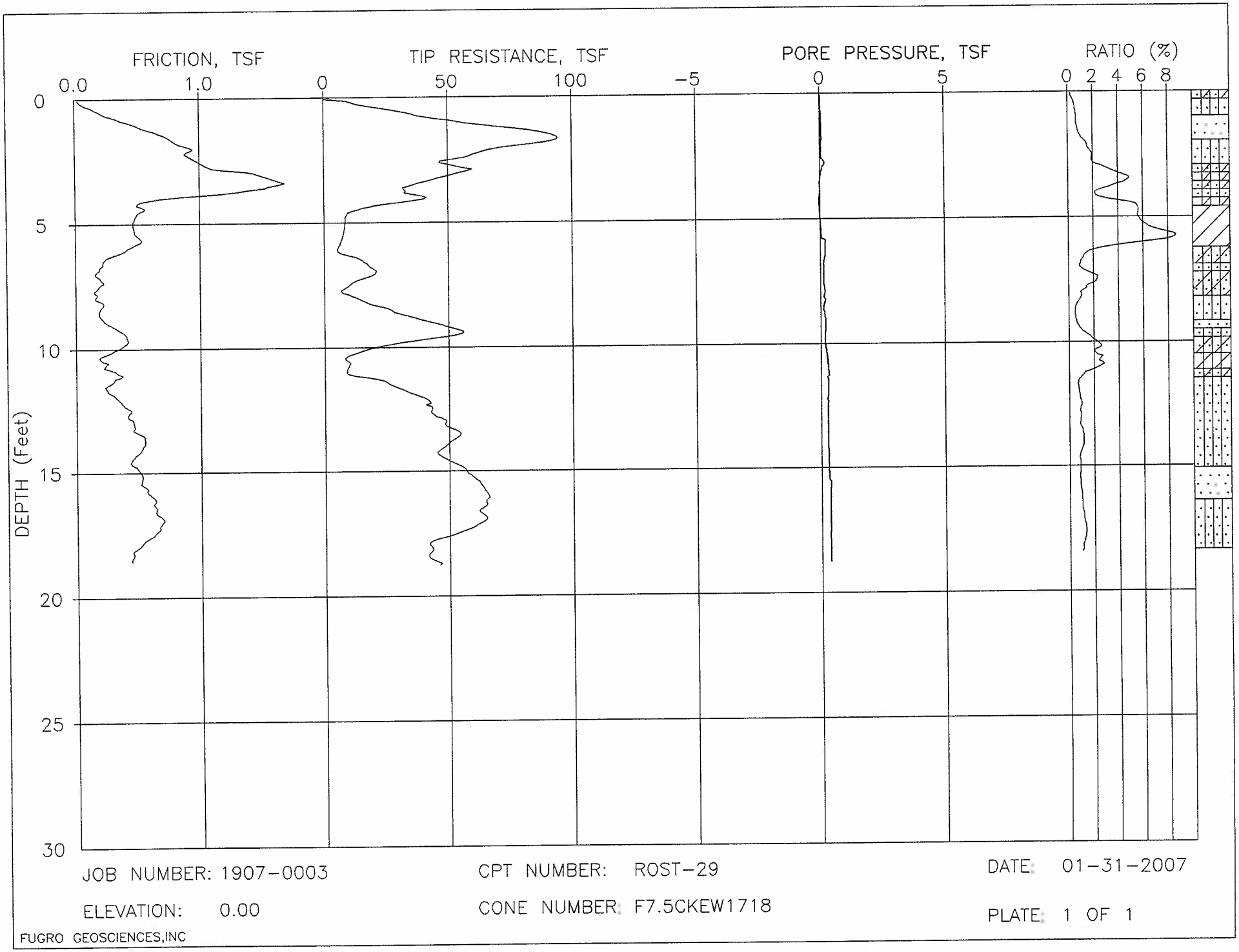
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−29

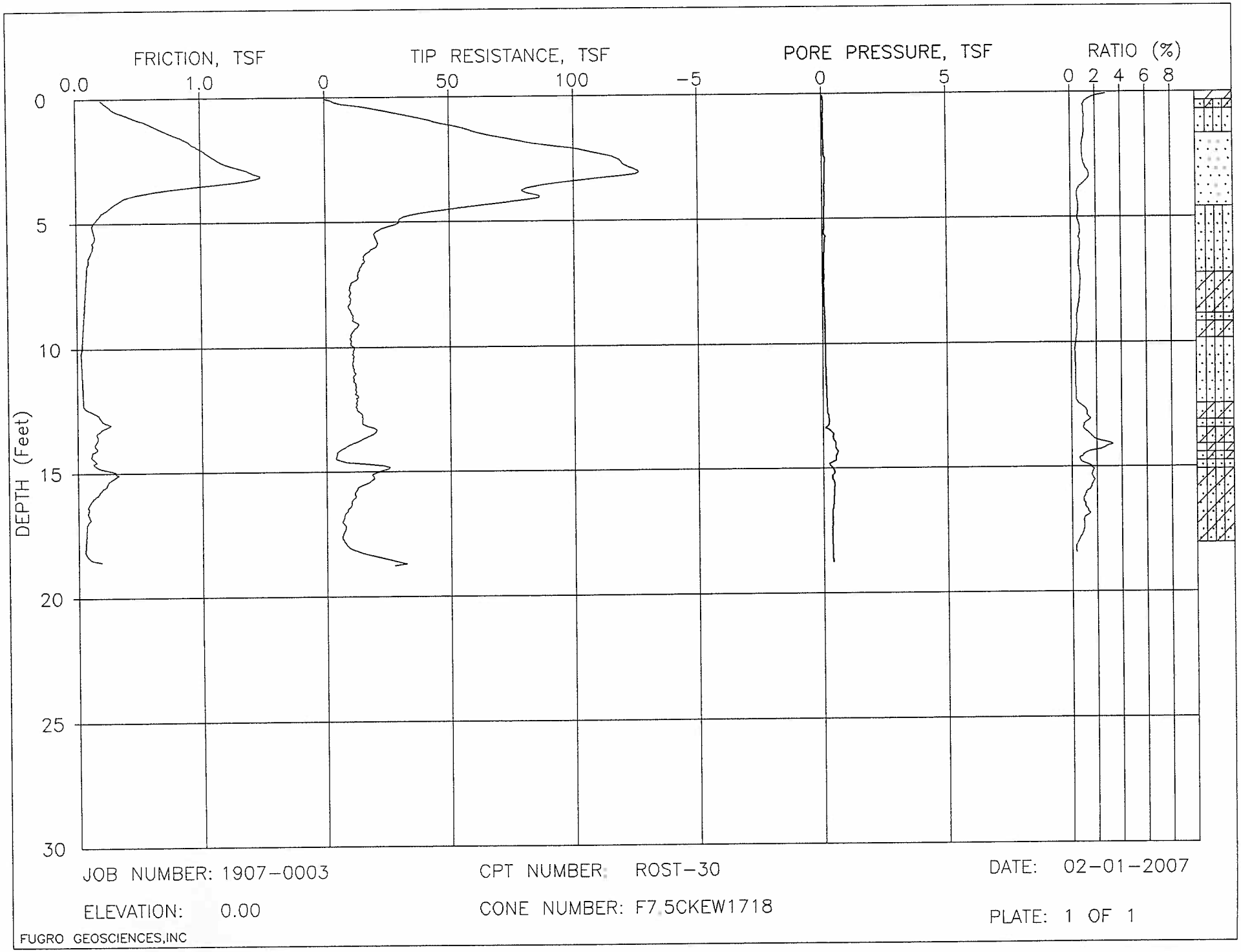
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−30

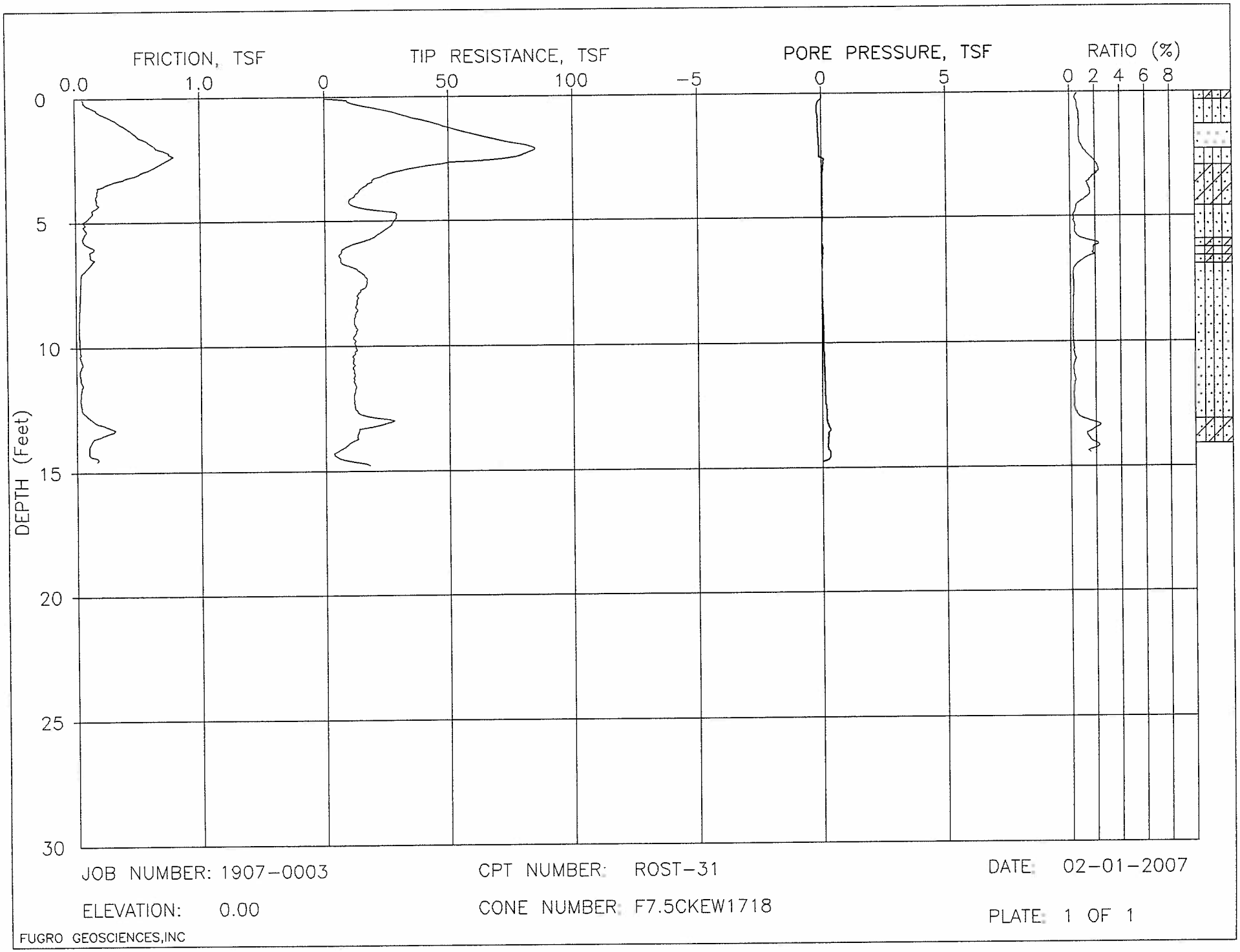
DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−31

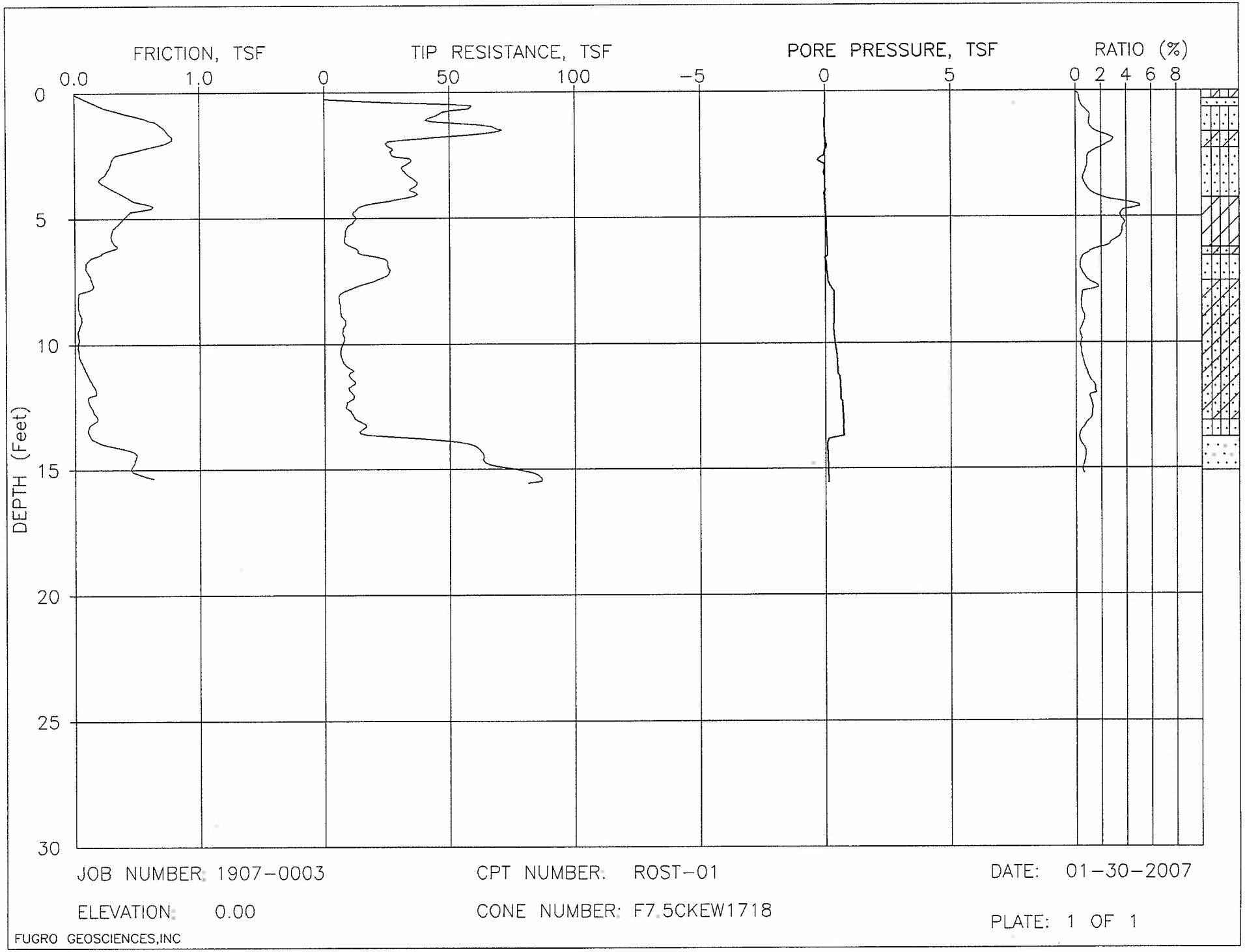
DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−01

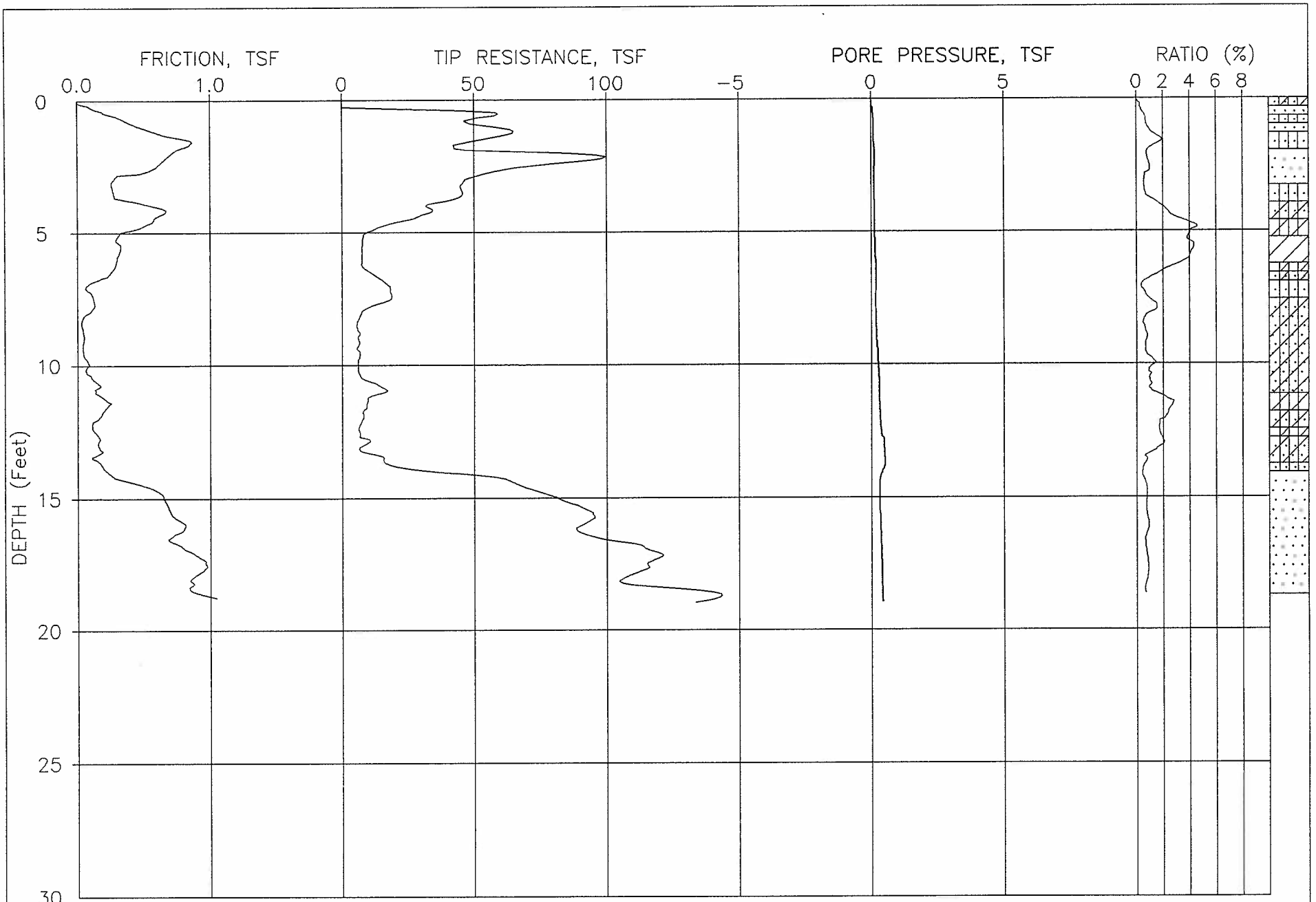
DATE: 01−30−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−02

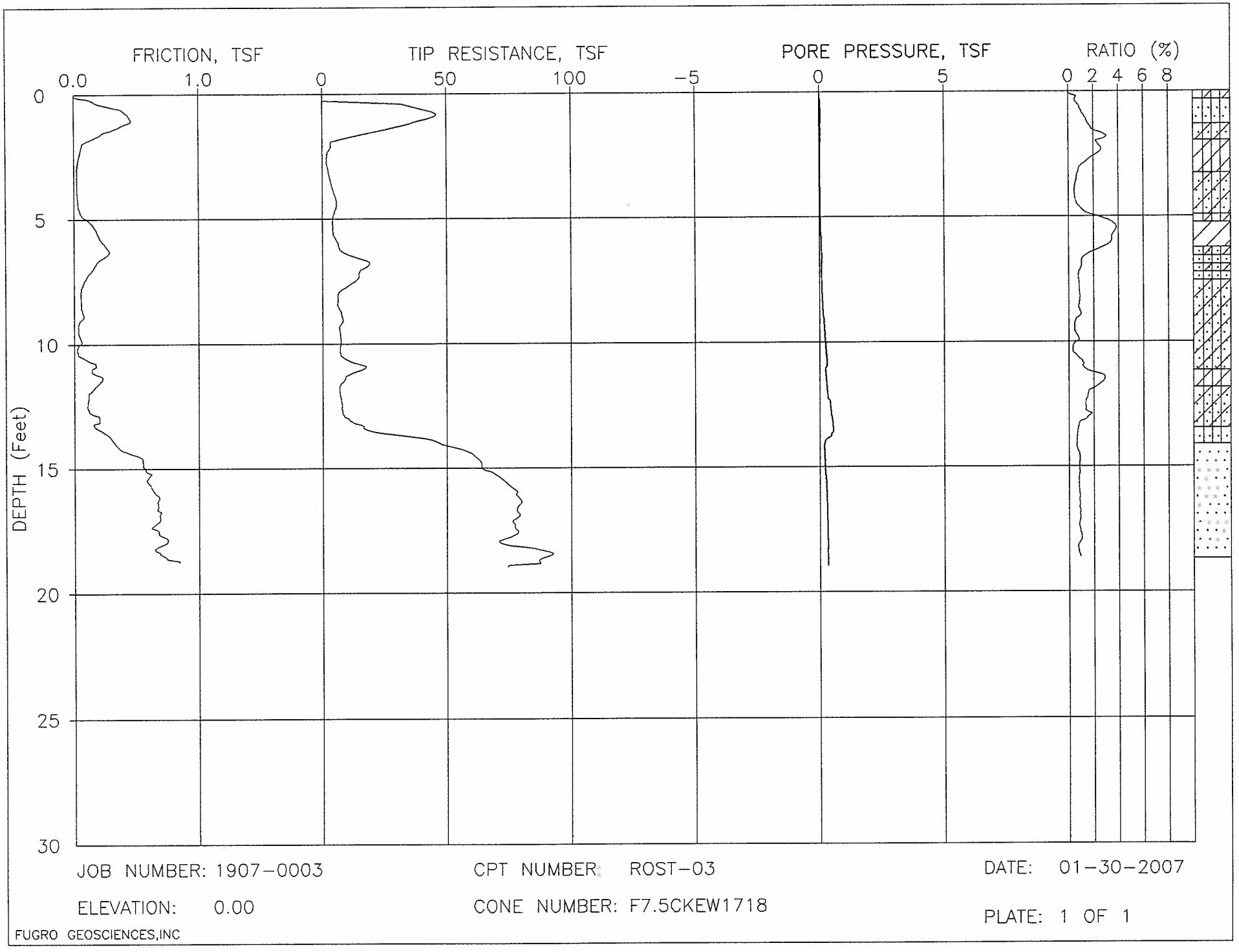
DATE: 01−30−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER ROST−03

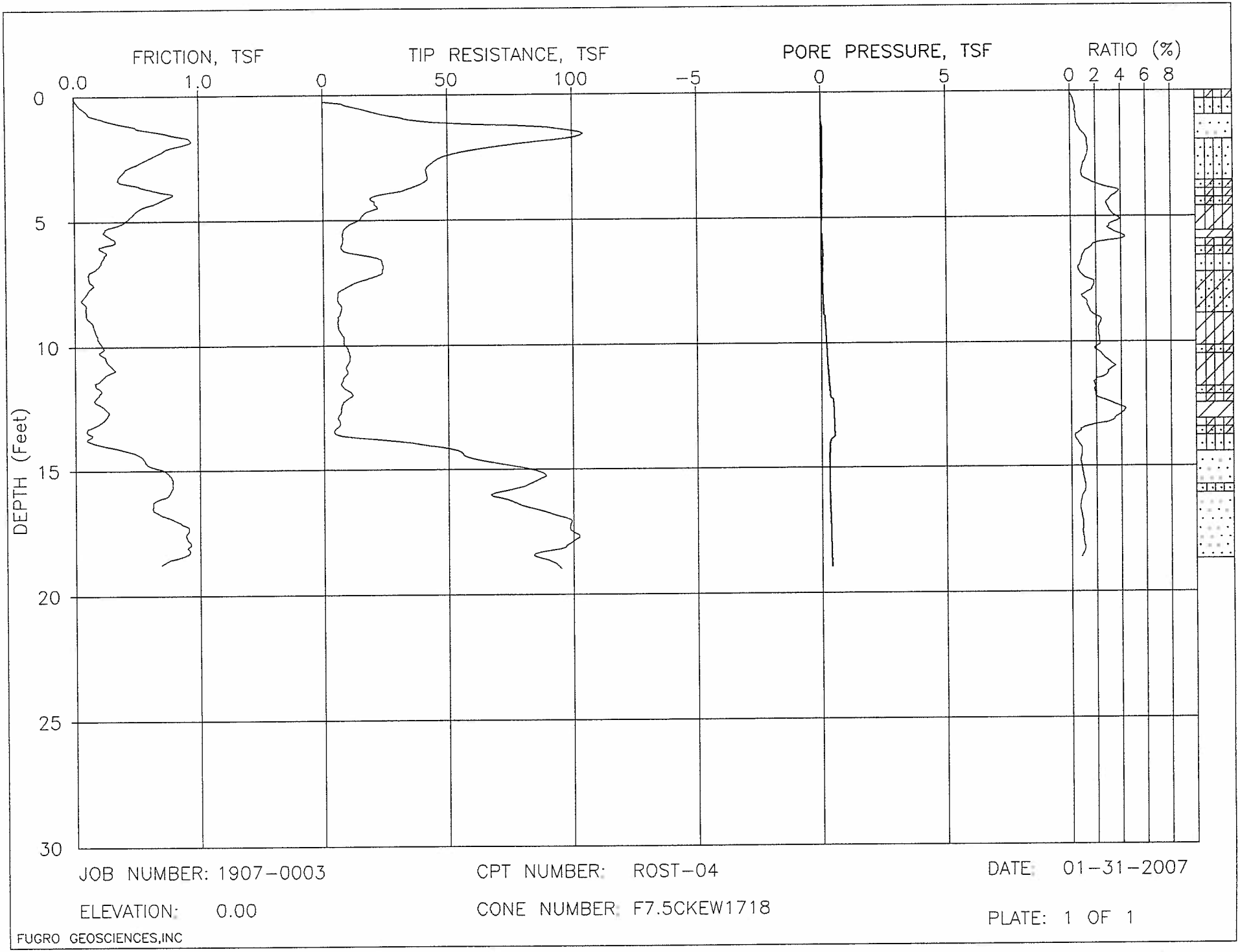
DATE: 01−30−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−04

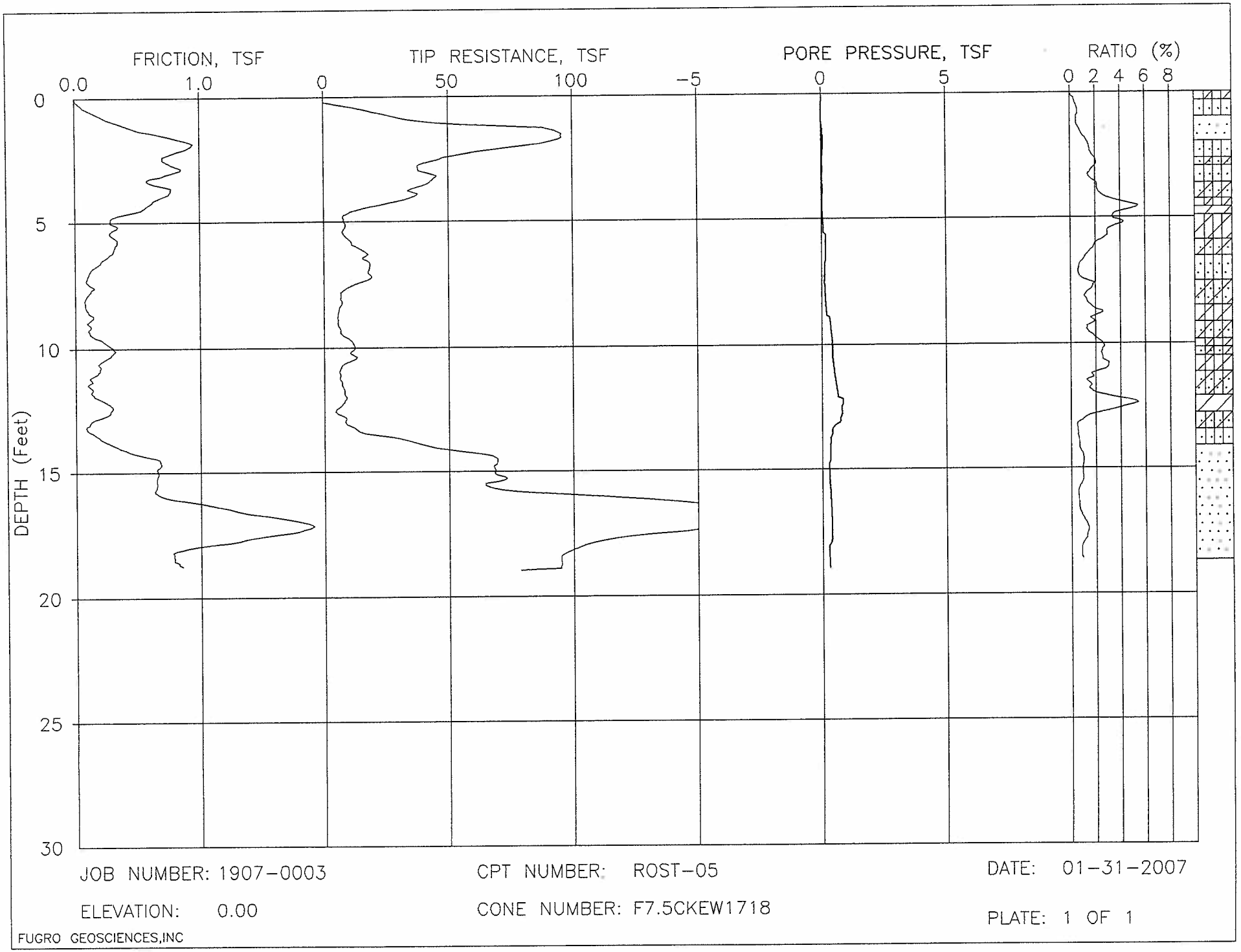
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−05

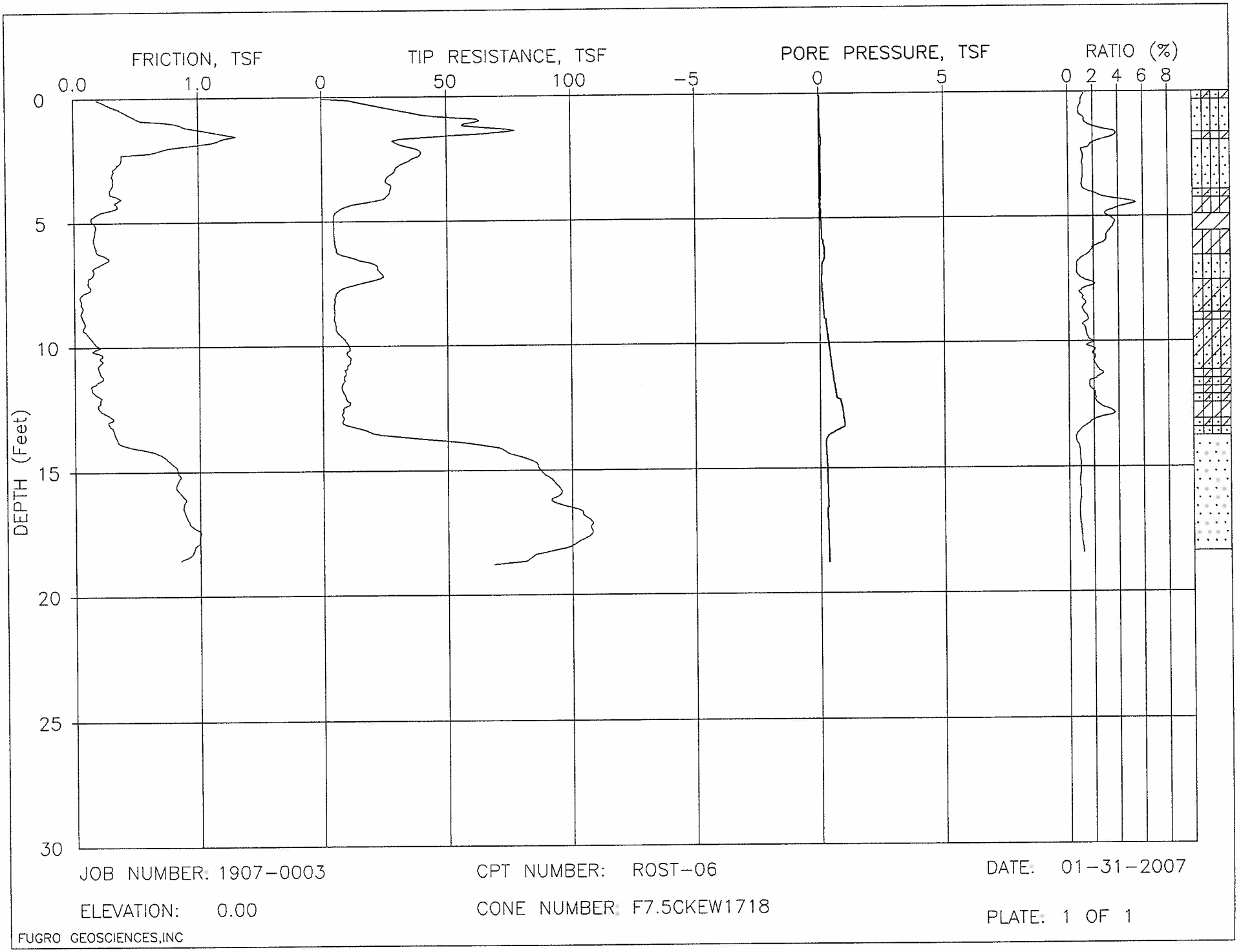
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−06

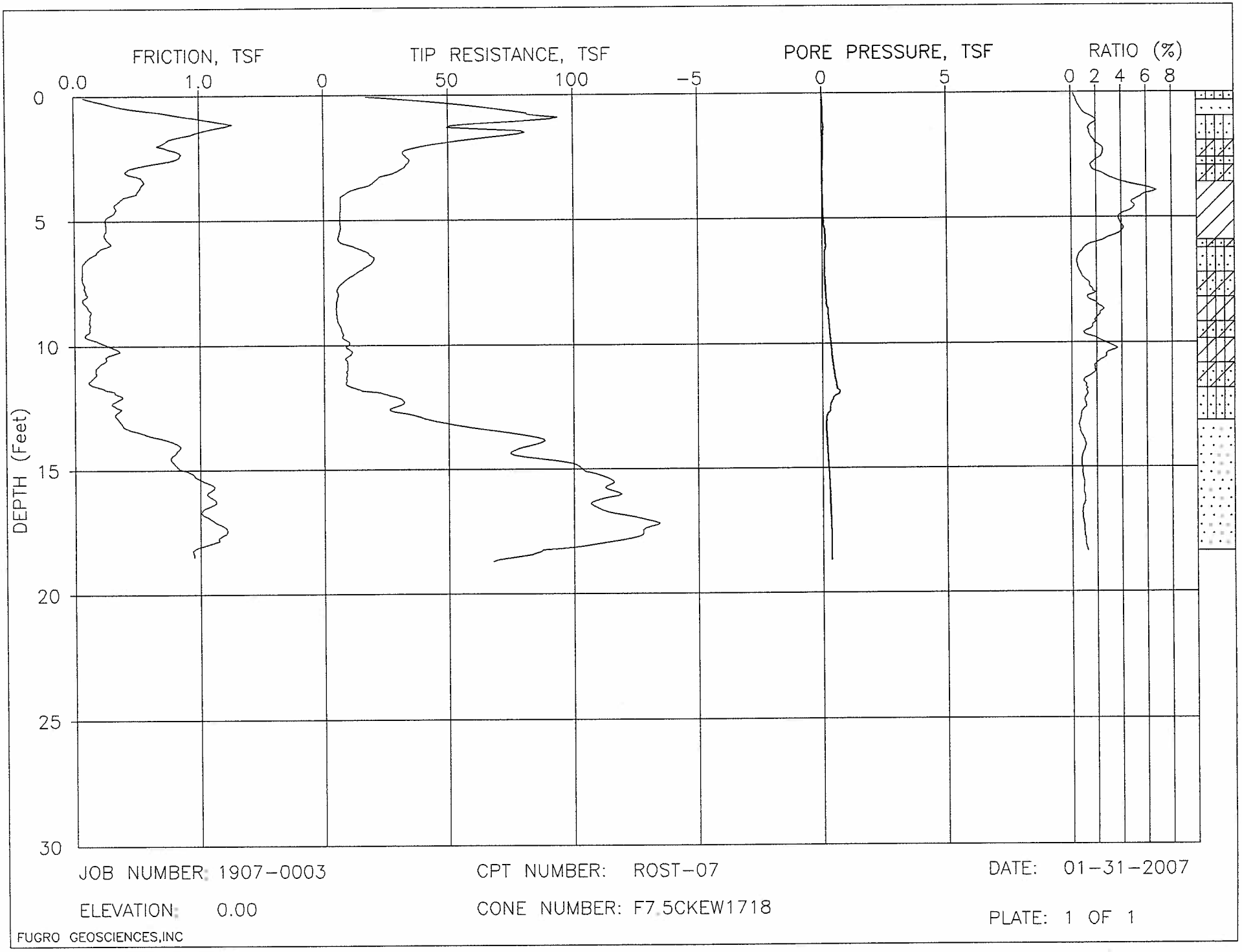
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

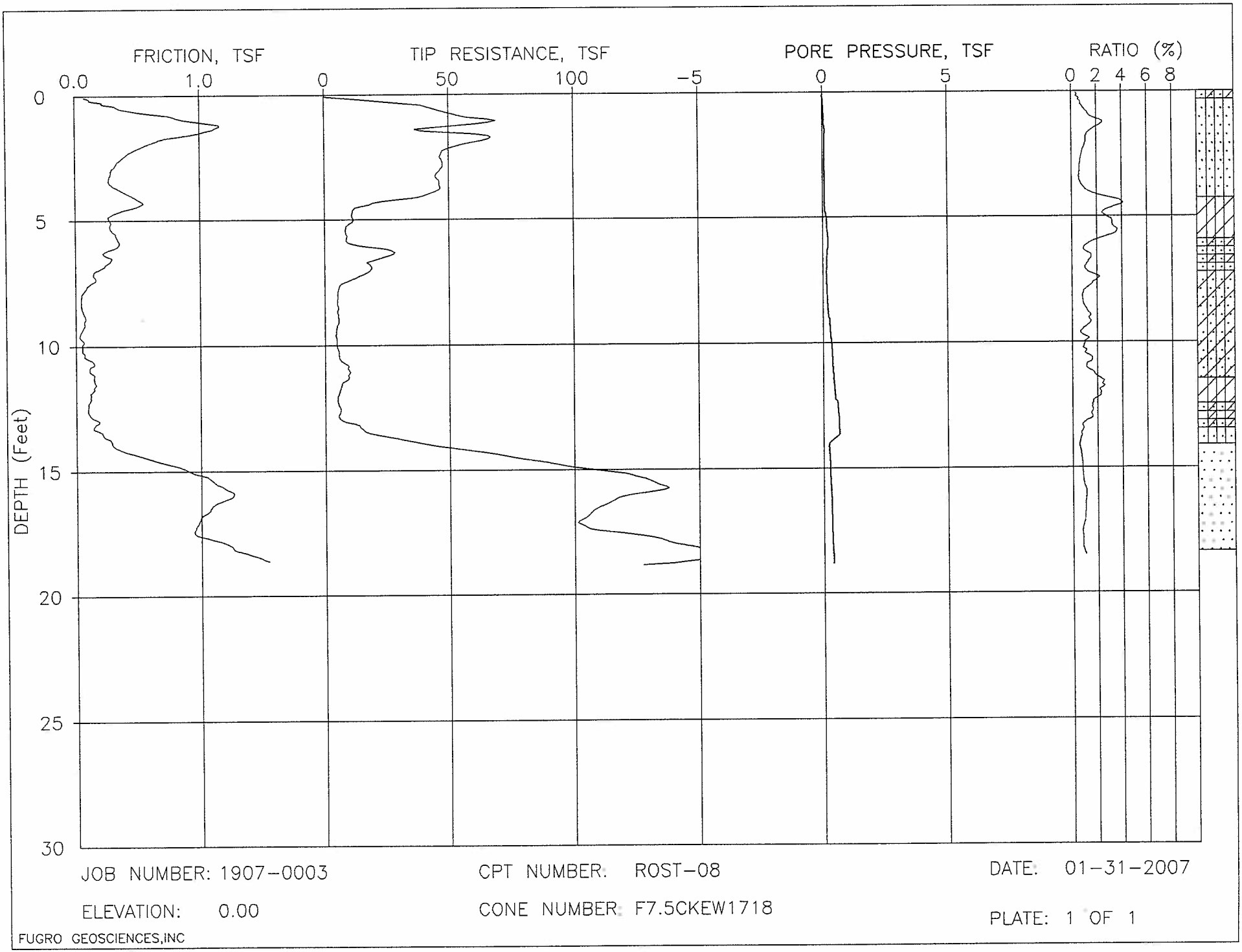
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CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−08

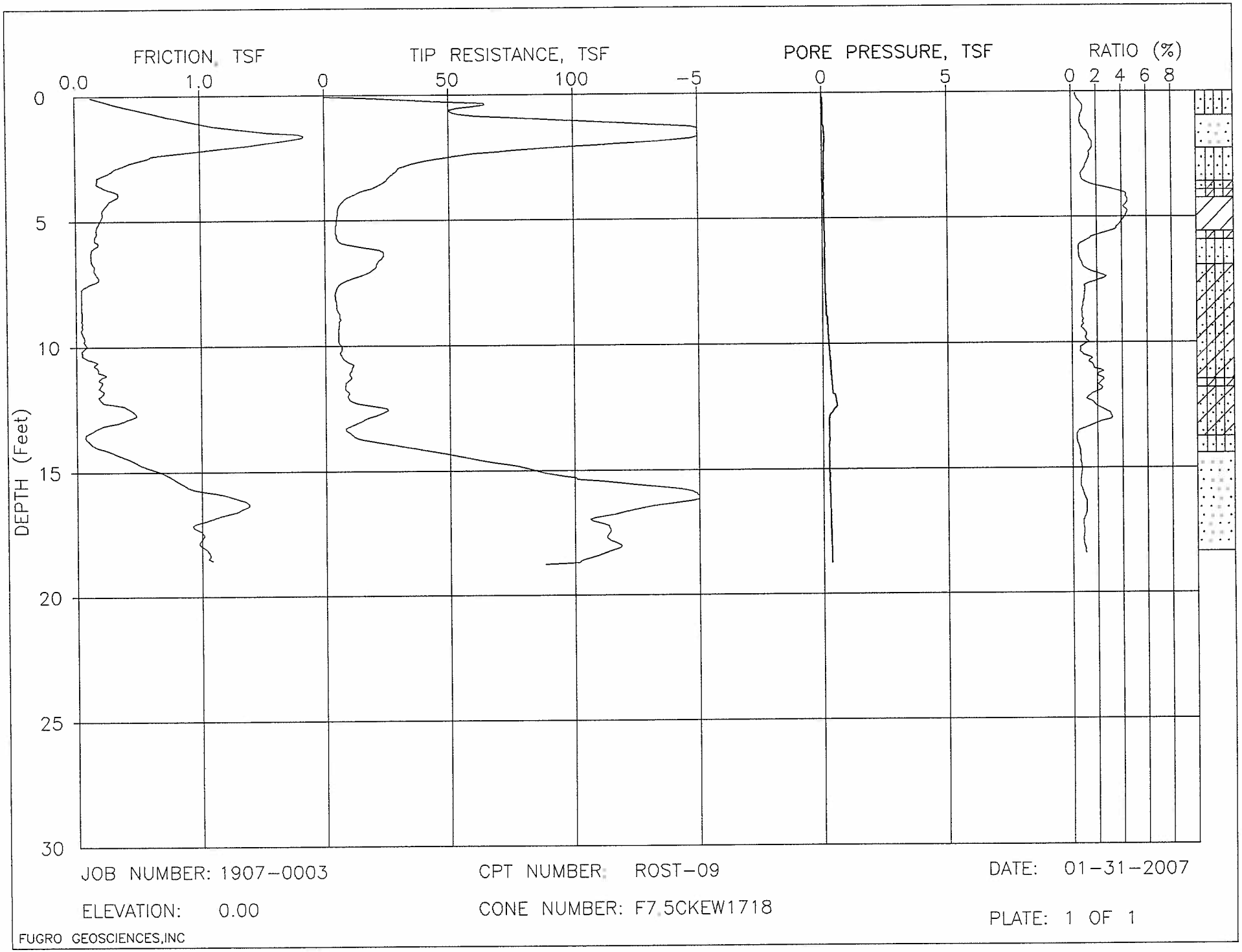
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−09

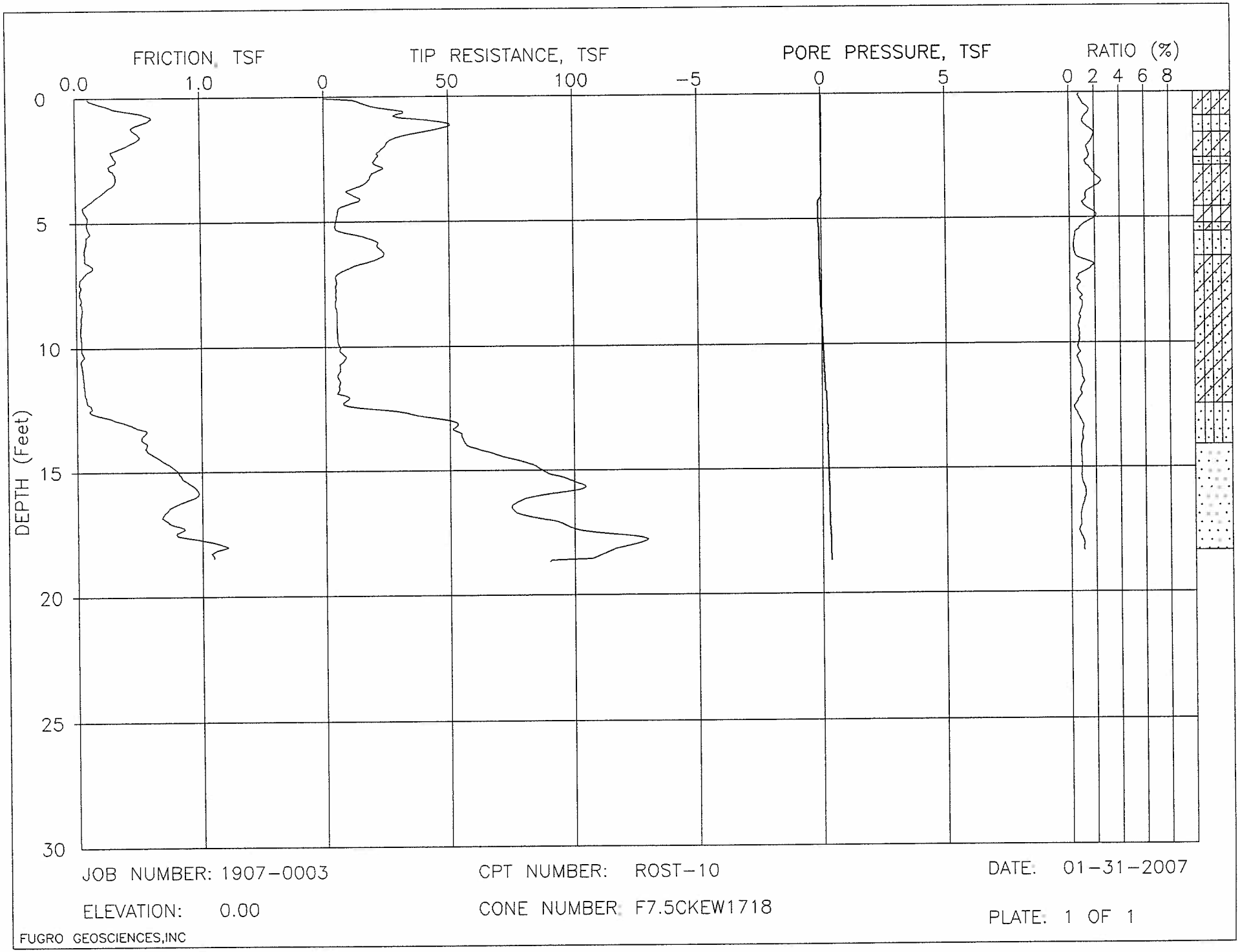
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

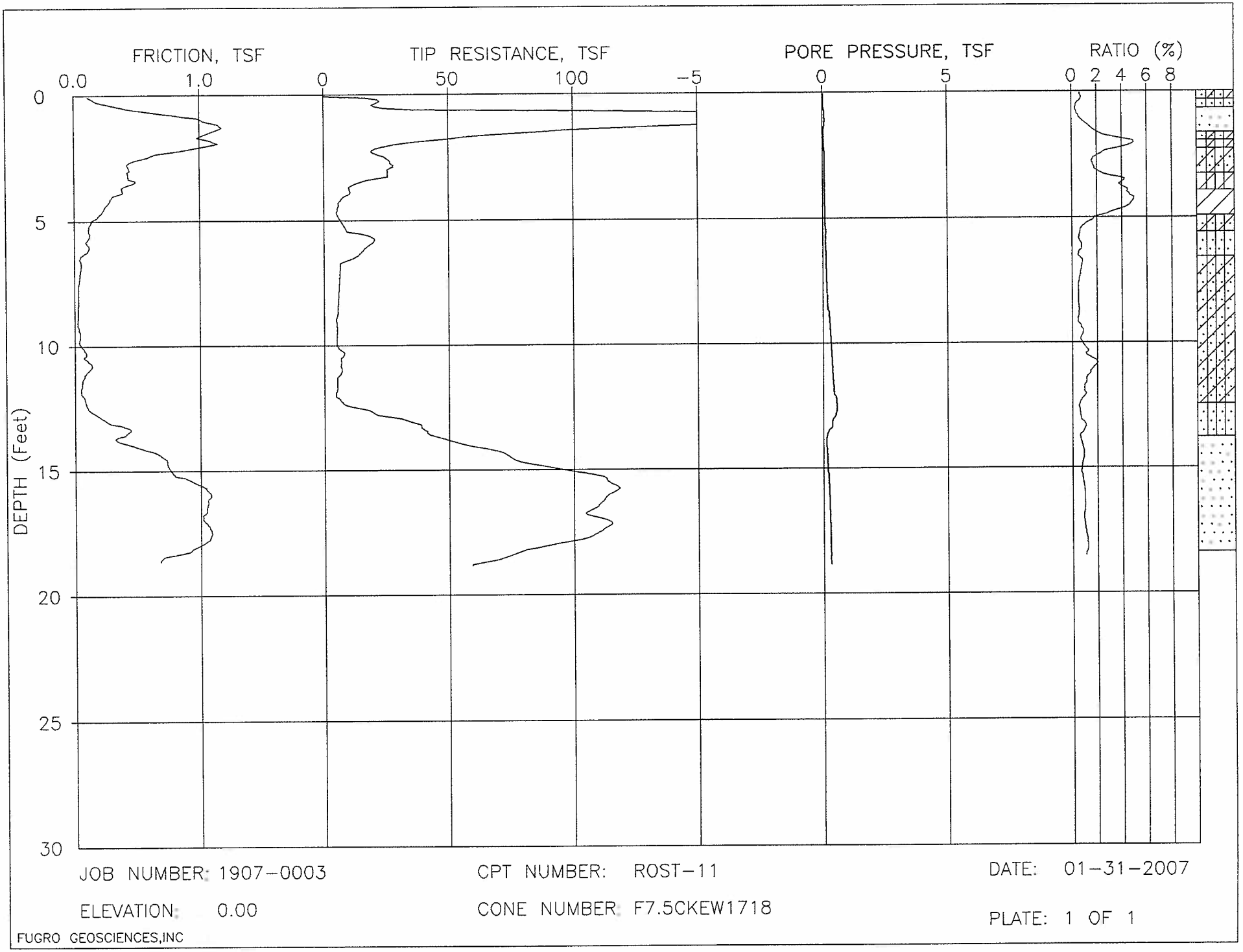
CPT NUMBER: ROST−10

CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−11

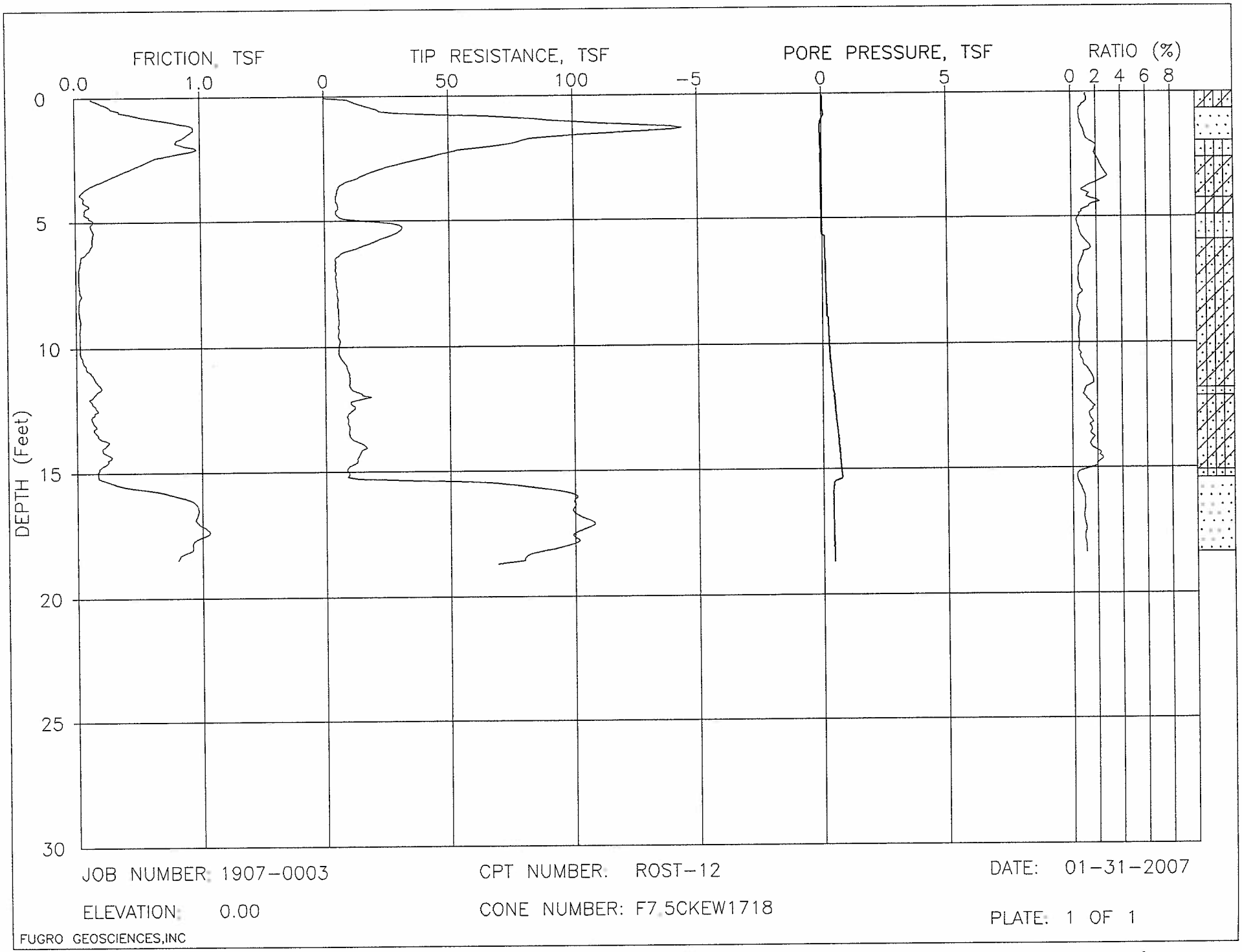
DATE: 01−31−2007

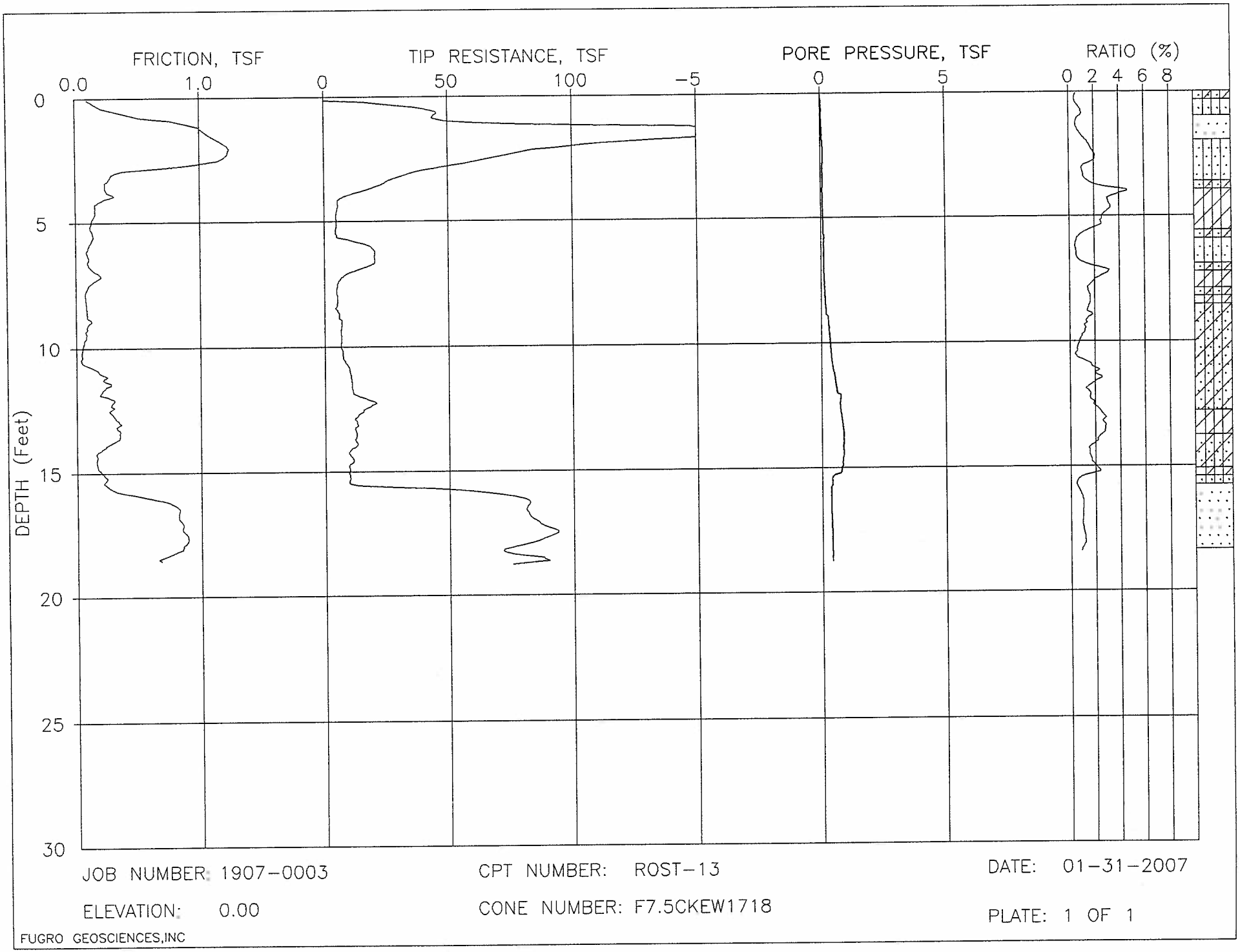
ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
−5
PORE PRESSURE, TSF
0
5
RATIO (%)
0 2 4 6 8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−12
CONE NUMBER: F7.5CKEW1718
DATE: 01−31−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−13

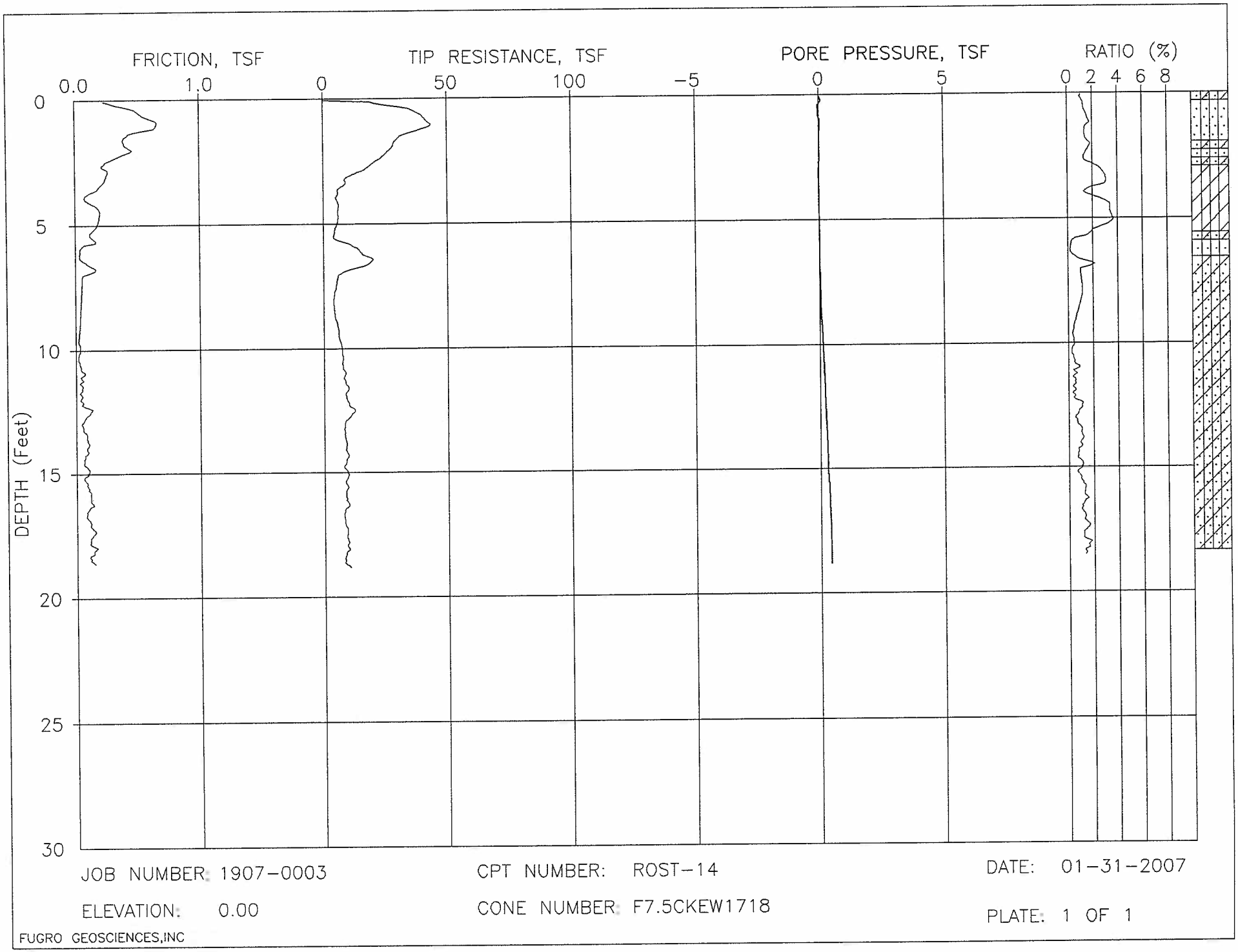
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

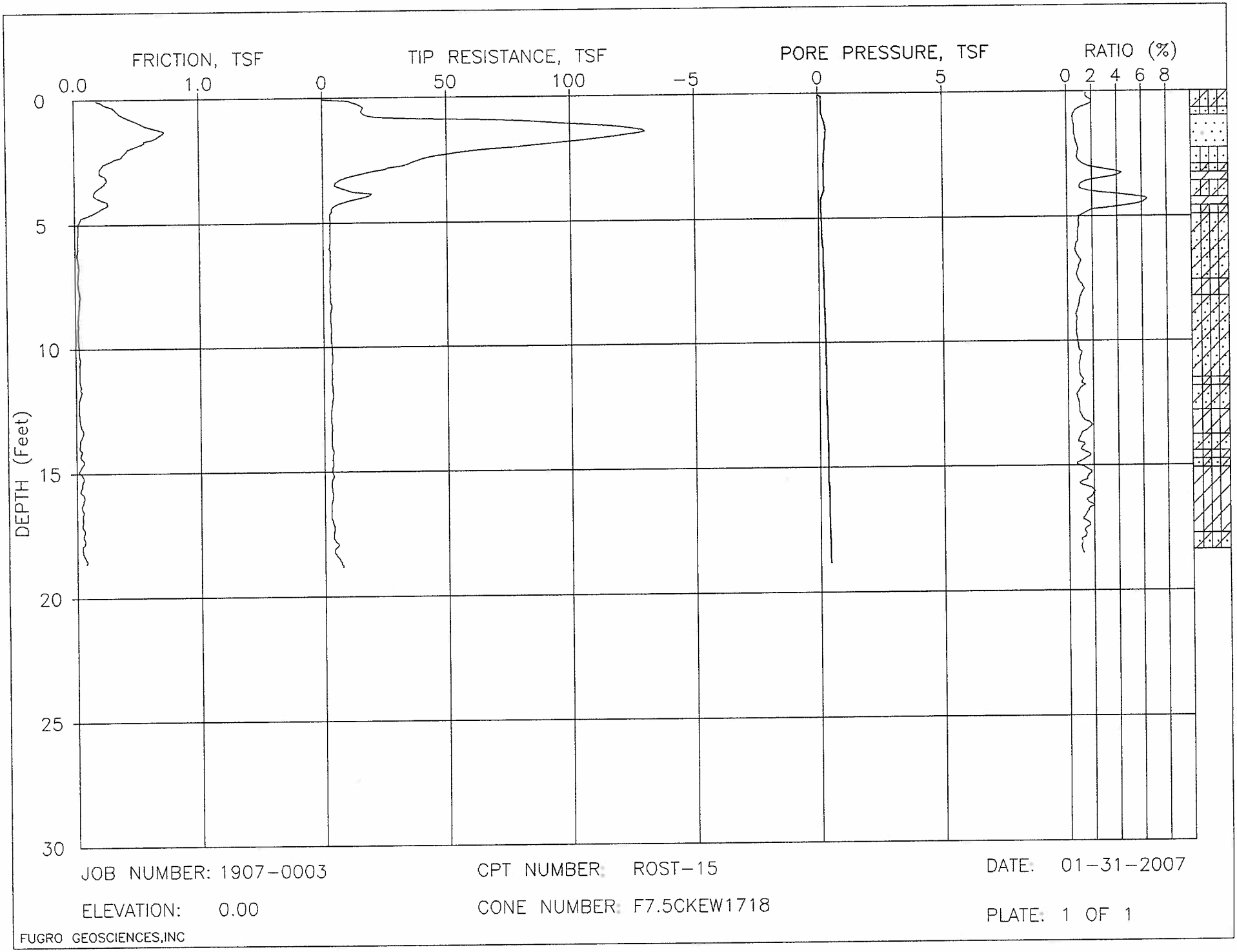
CPT NUMBER: ROST−14

CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−15

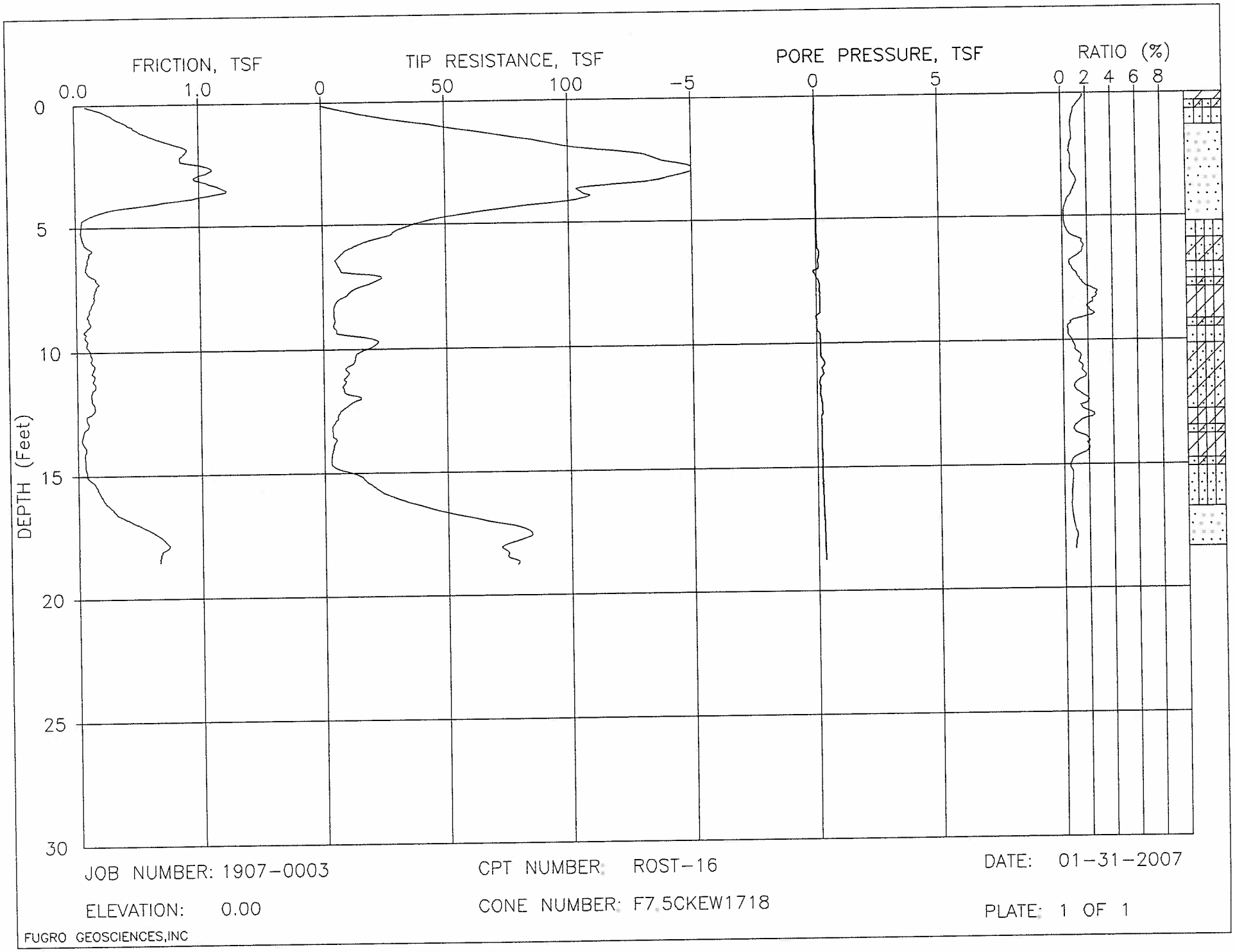
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

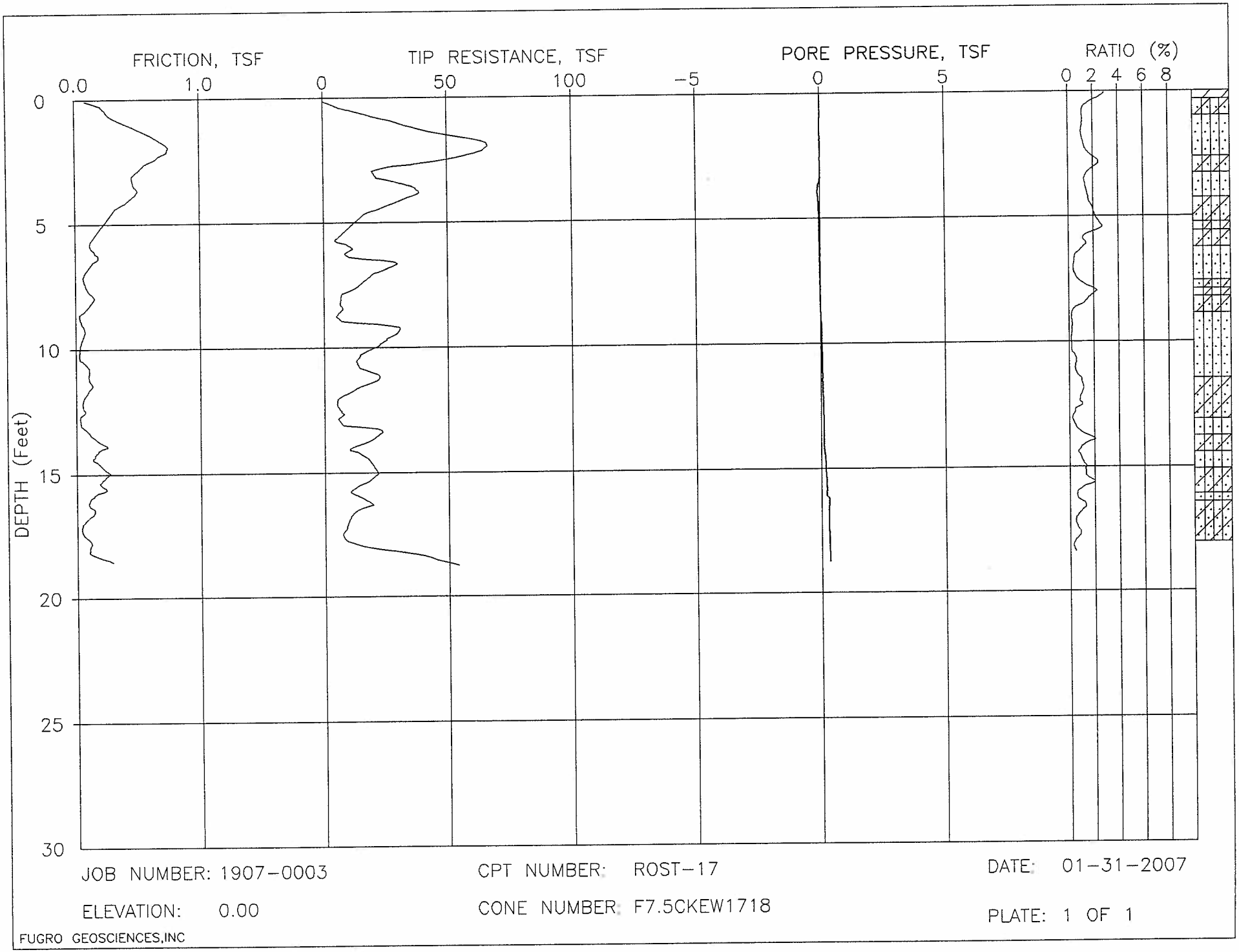
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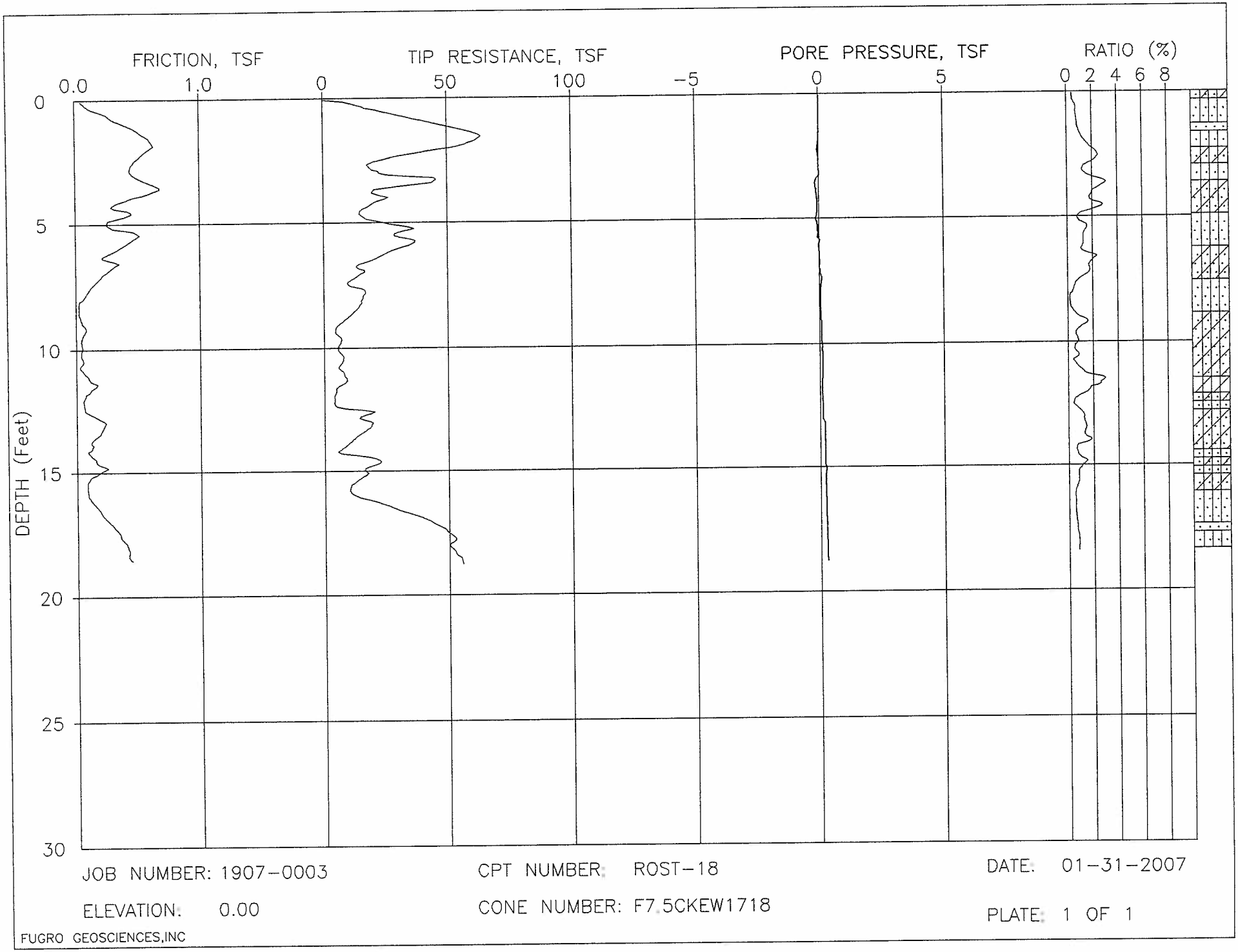
CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0
2
4
6
8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−17
CONE NUMBER: F7.5CKEW1718
DATE: 01−31−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−18

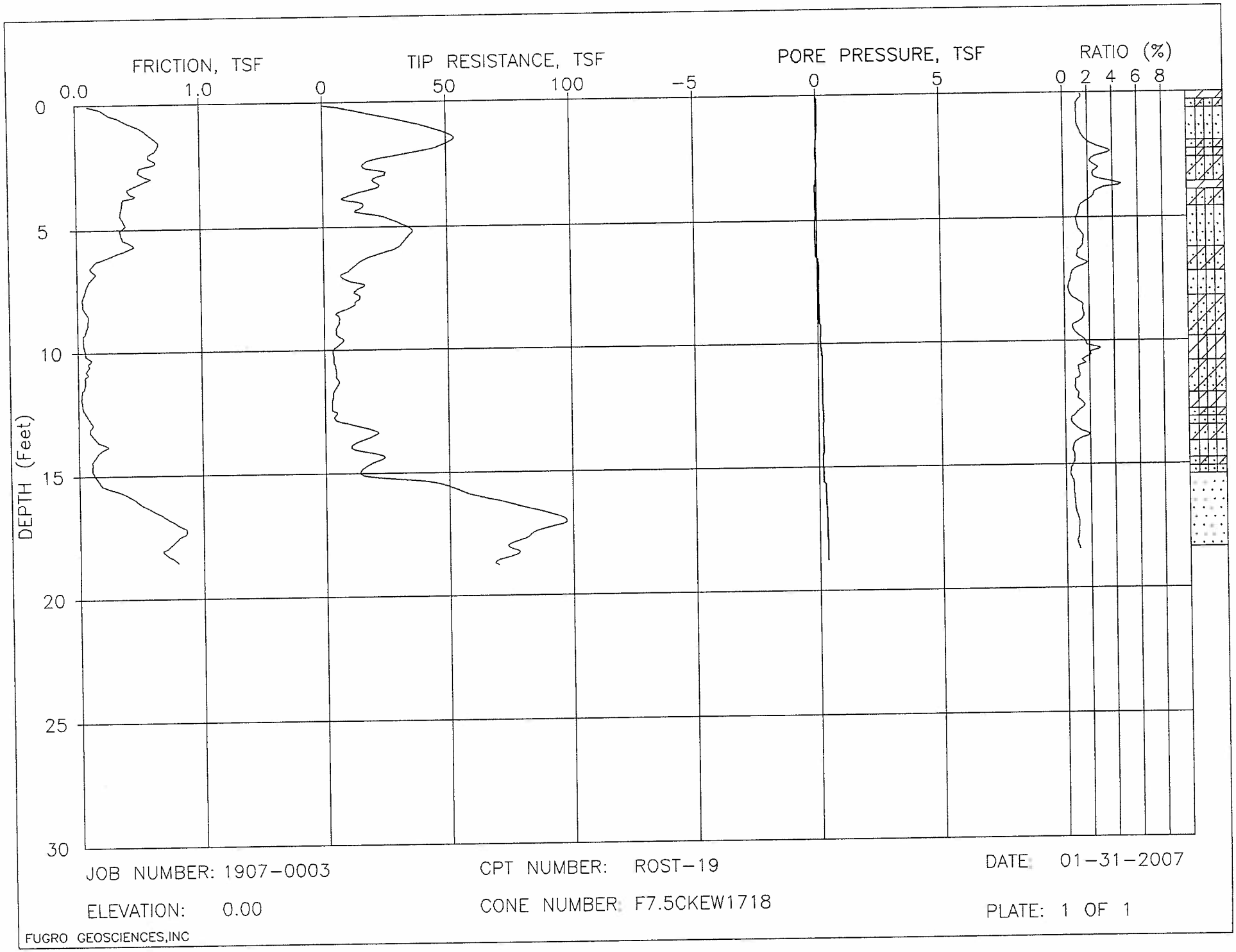
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−19

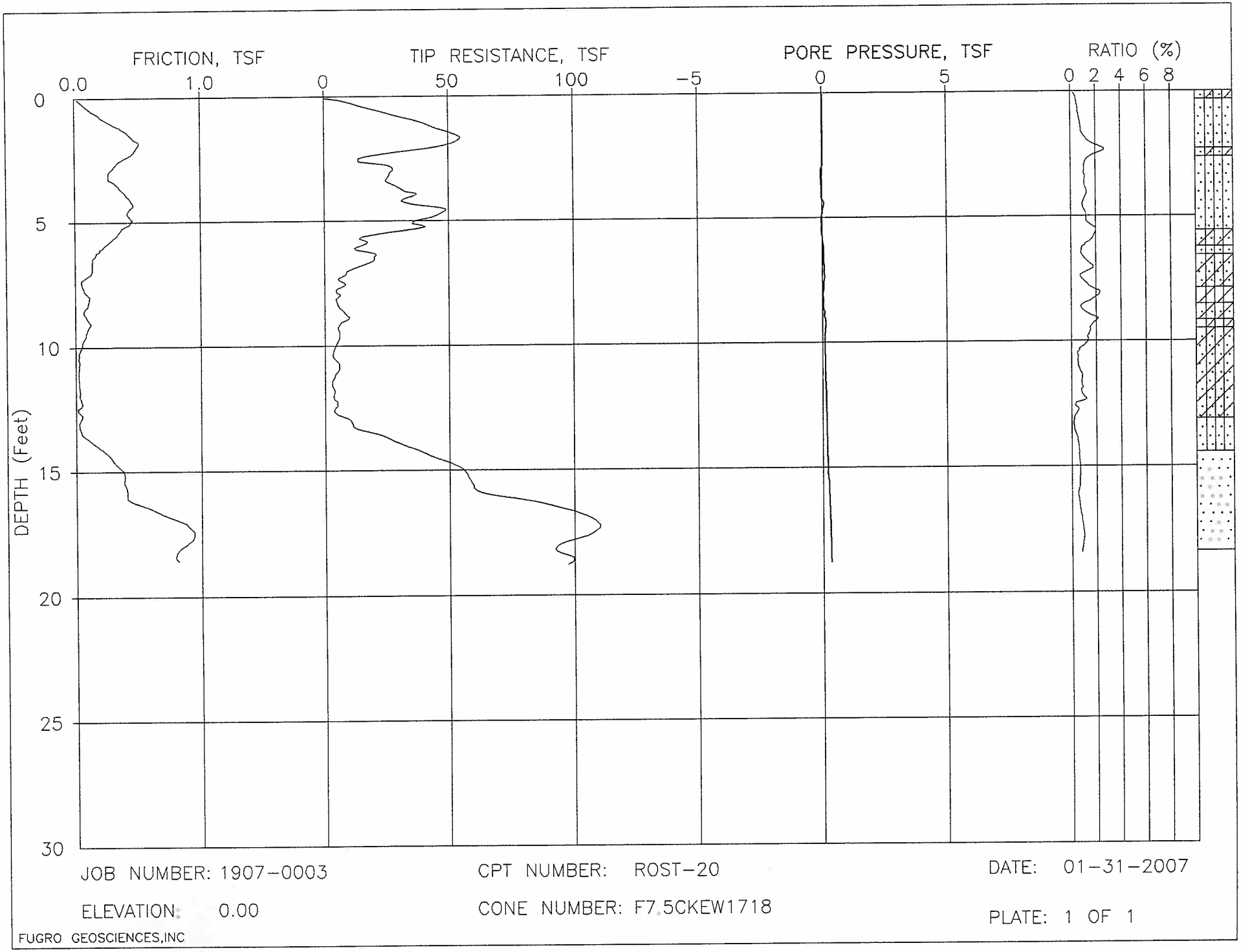
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−20

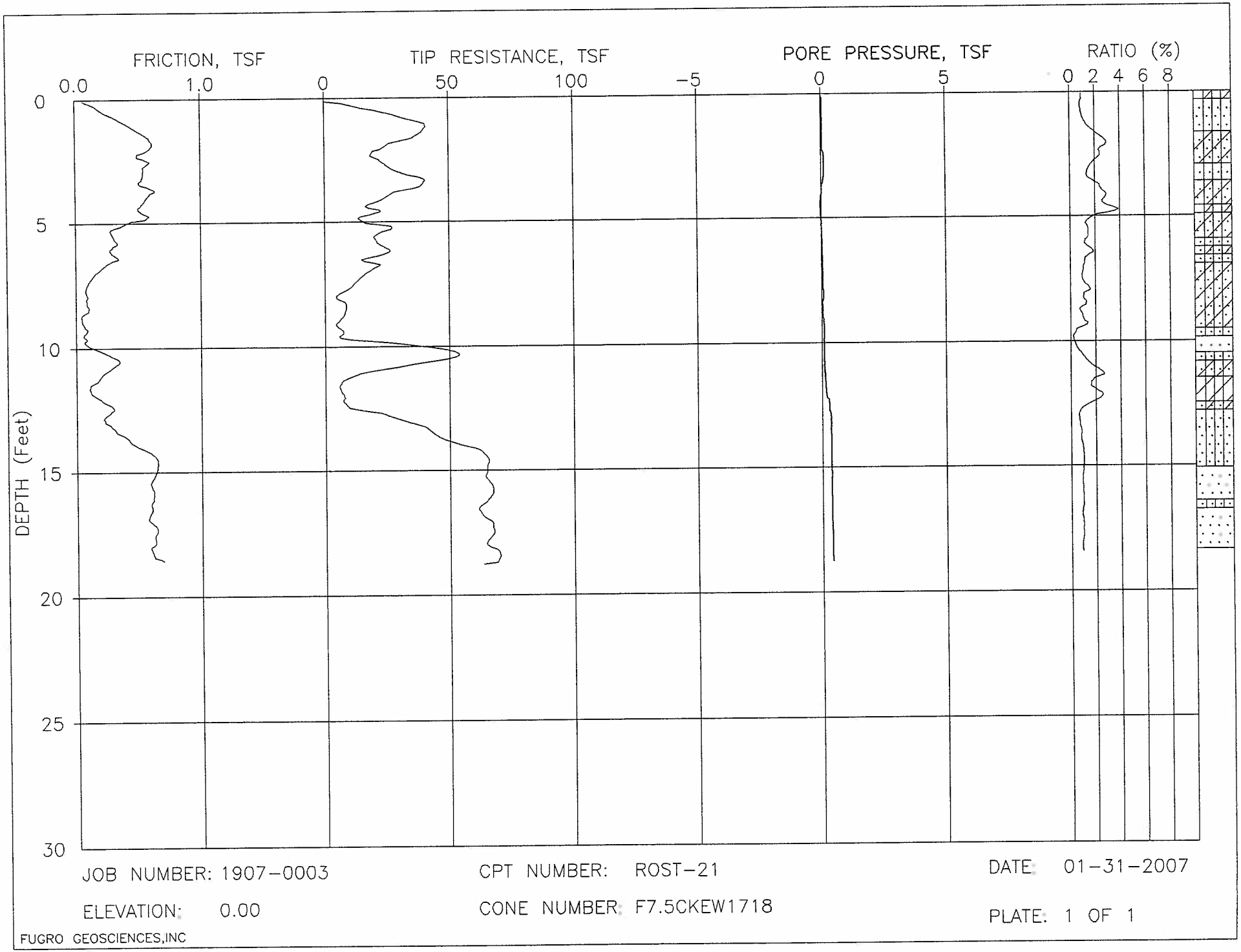
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−21

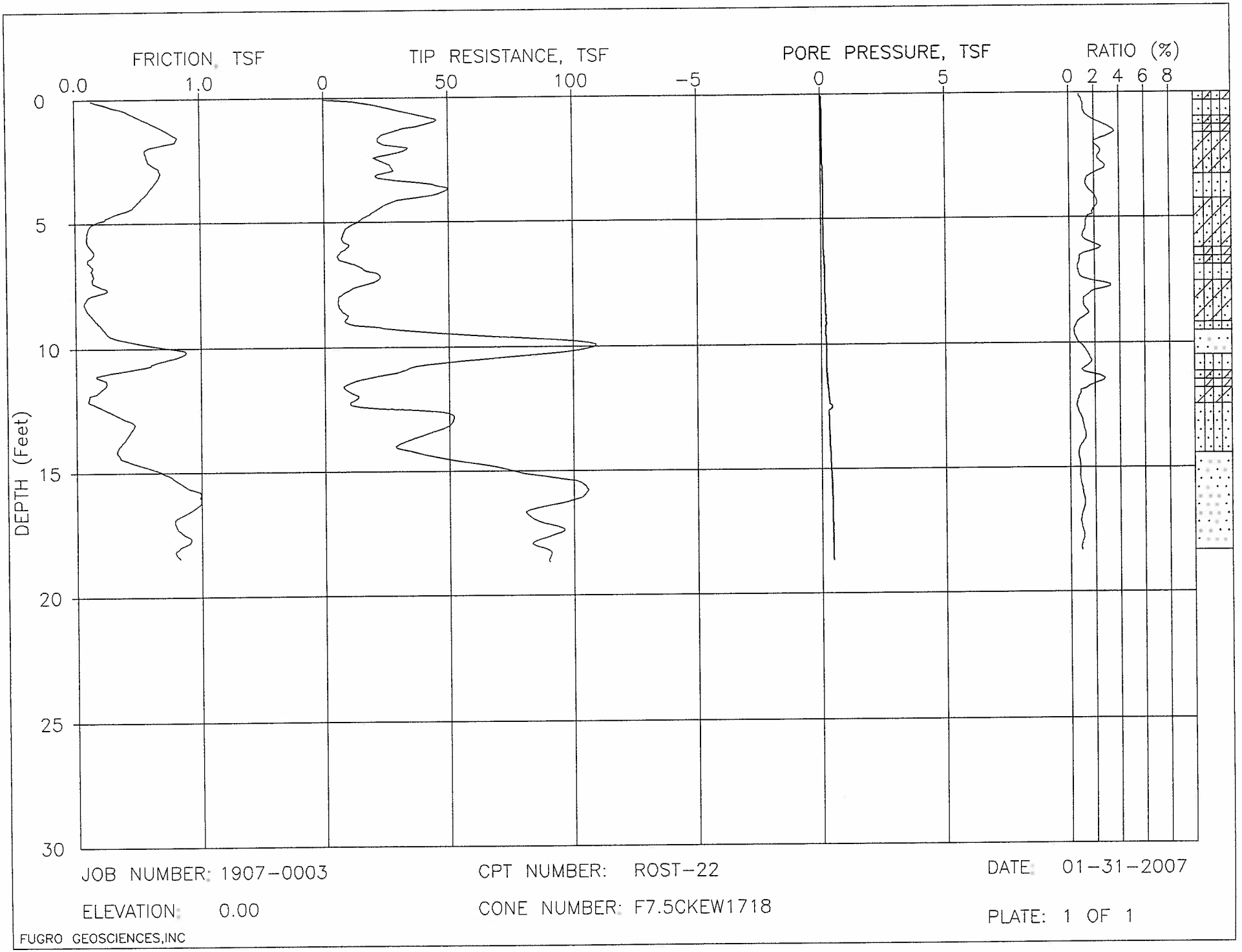
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907-0003

CPT NUMBER: ROST-22

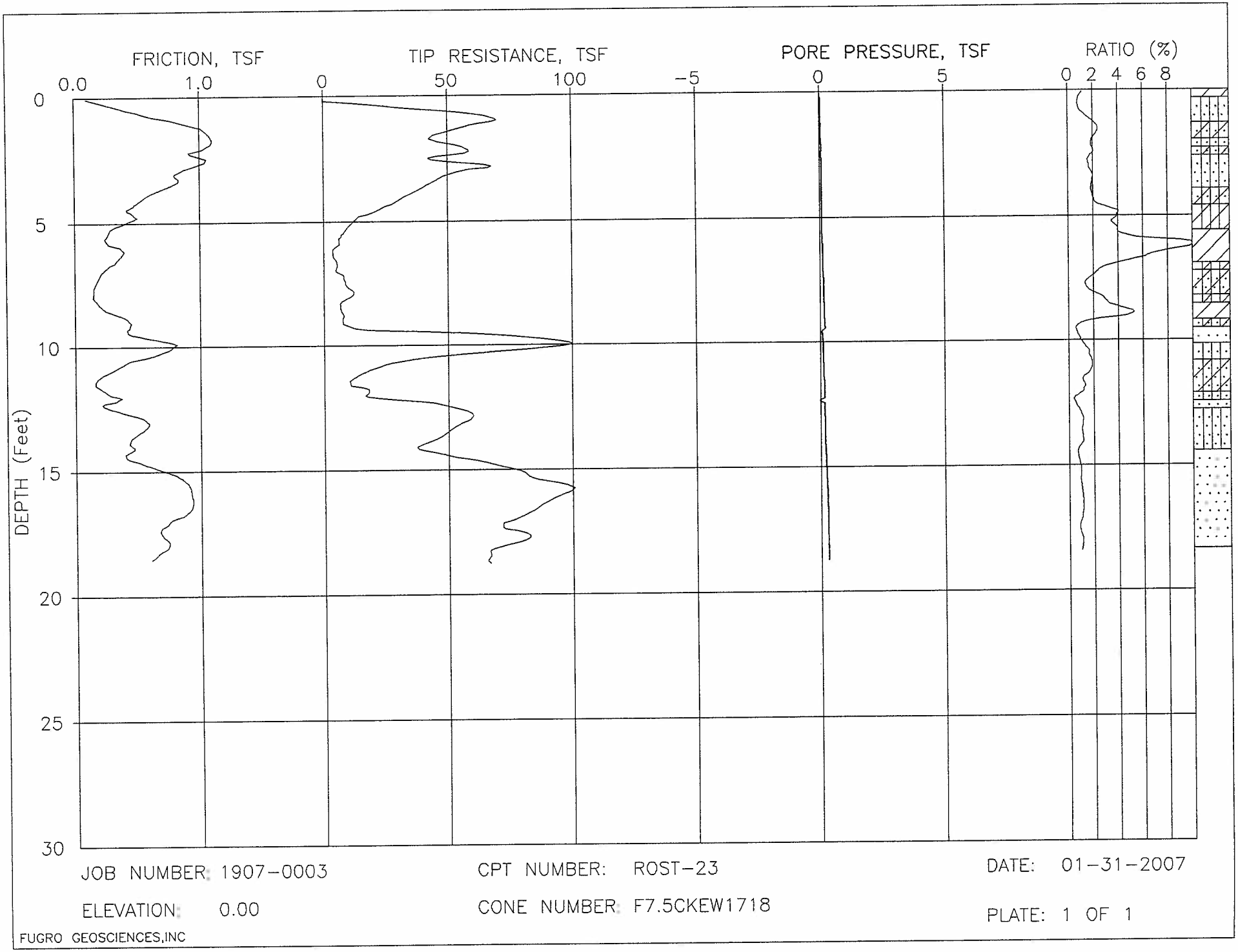
DATE: 01-31-2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

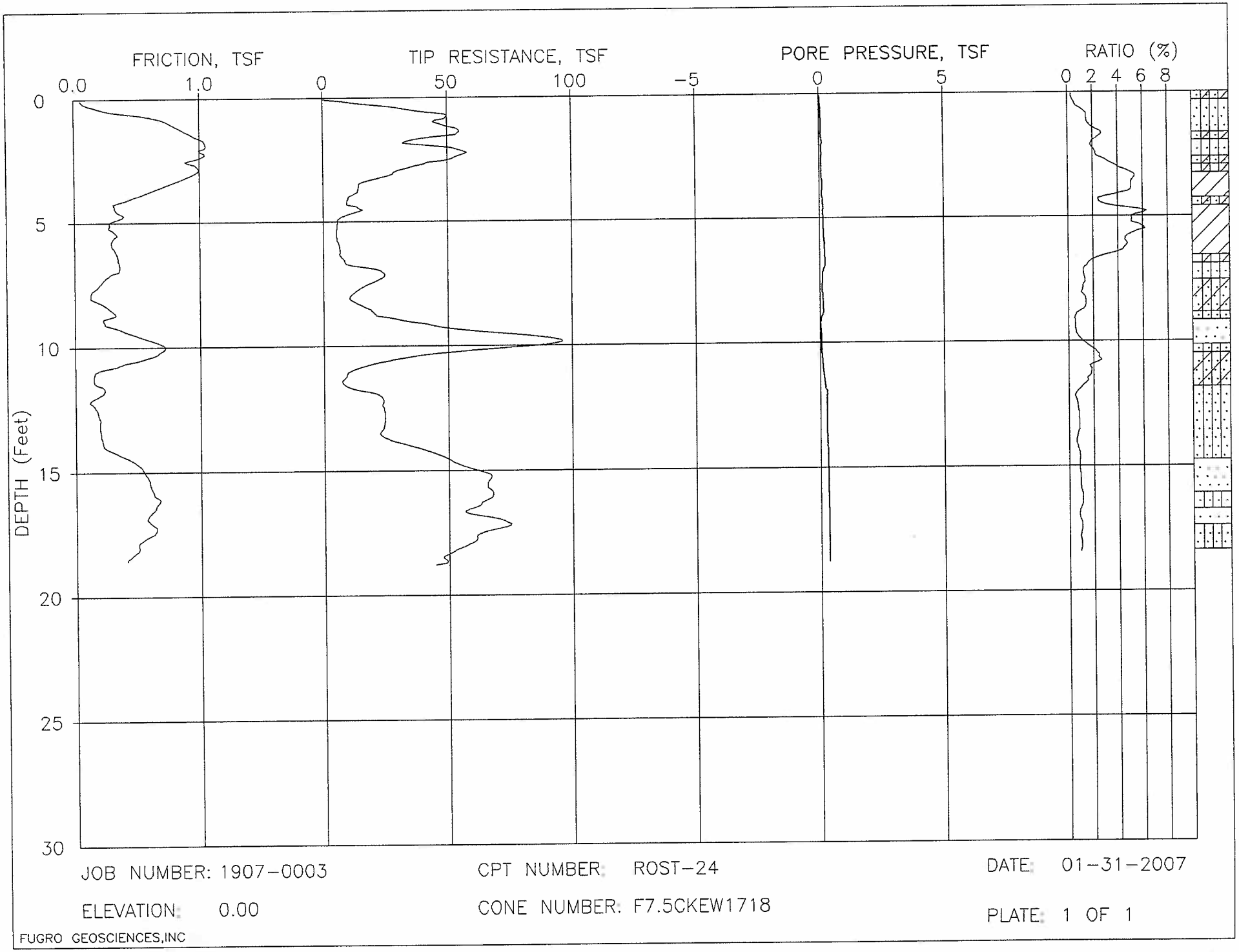
CPT NUMBER: ROST−23

CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−24

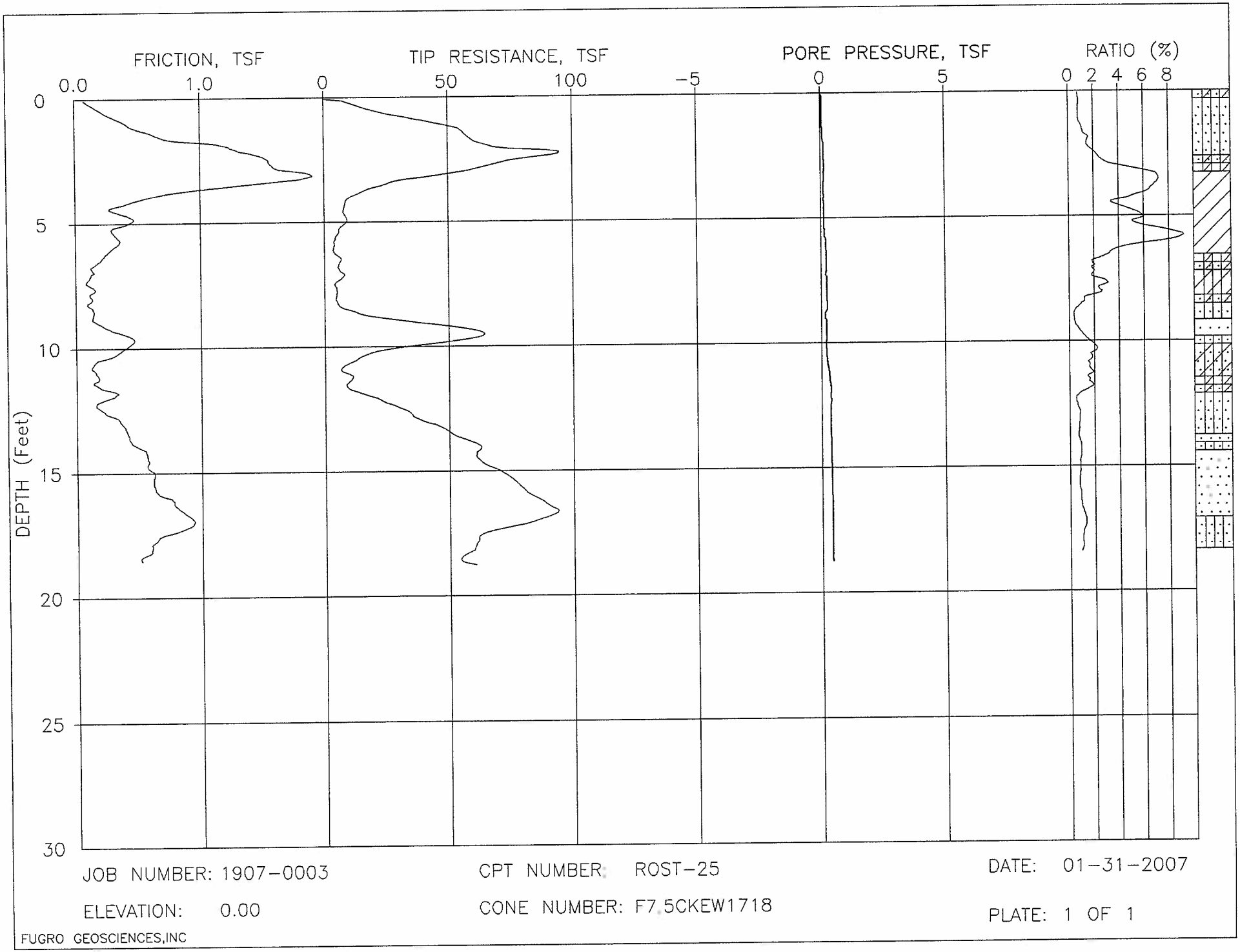
DATE: 01−31−2007

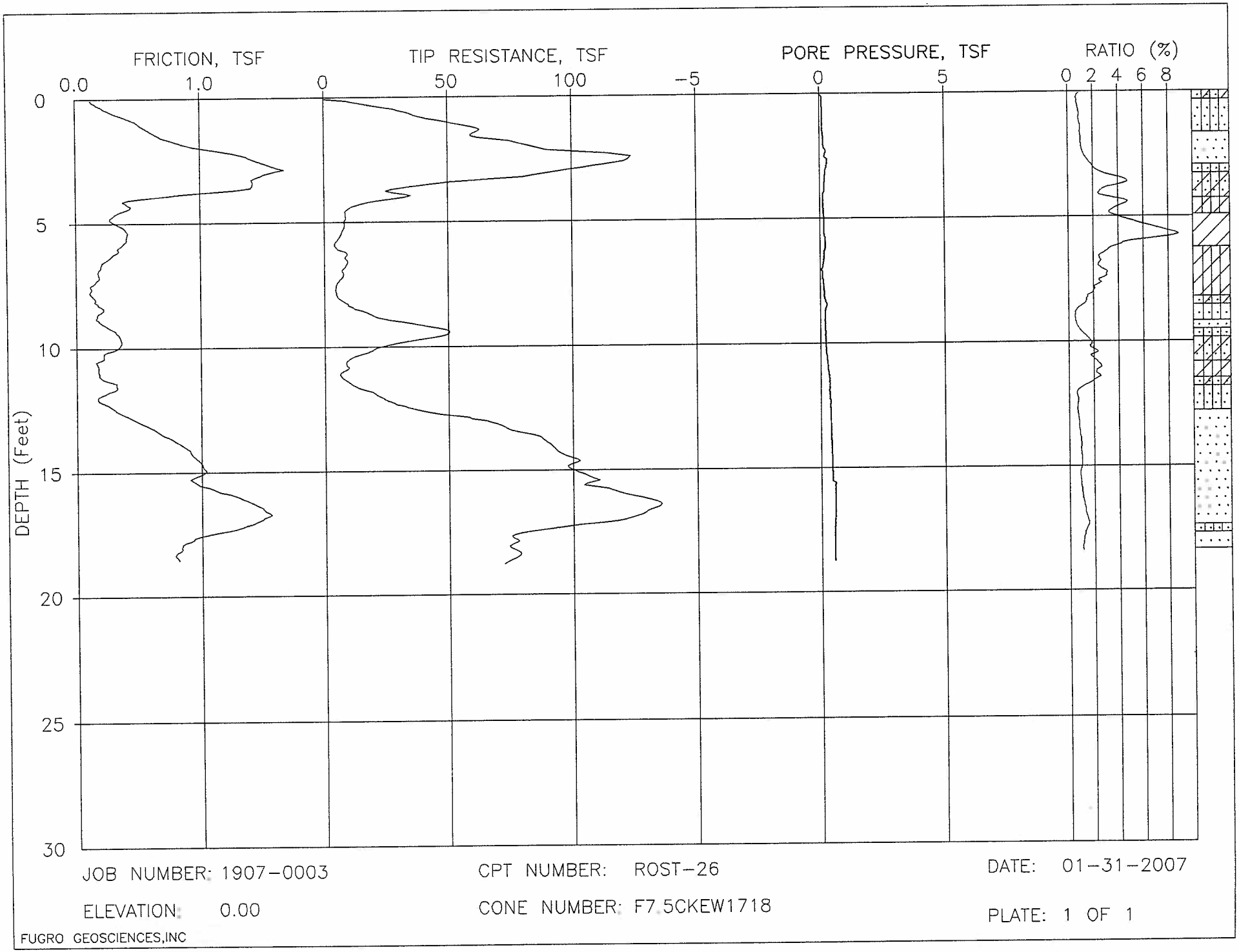
ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0 2 4 6 8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
CPT NUMBER: ROST−25
DATE: 01−31−2007
ELEVATION: 0.00
CONE NUMBER: F7.5CKEW1718
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

ELEVATION: 0.00

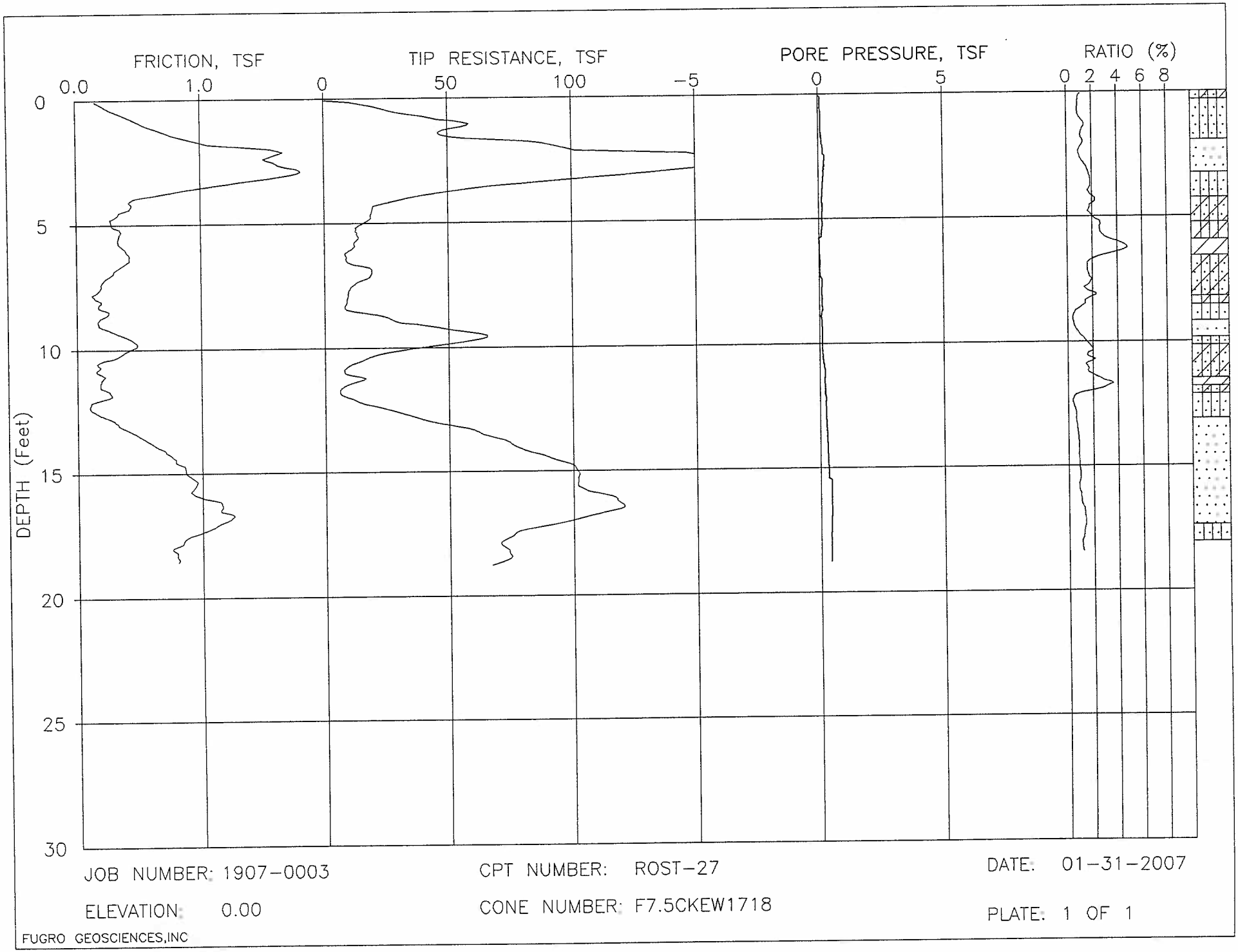
CPT NUMBER: ROST−26

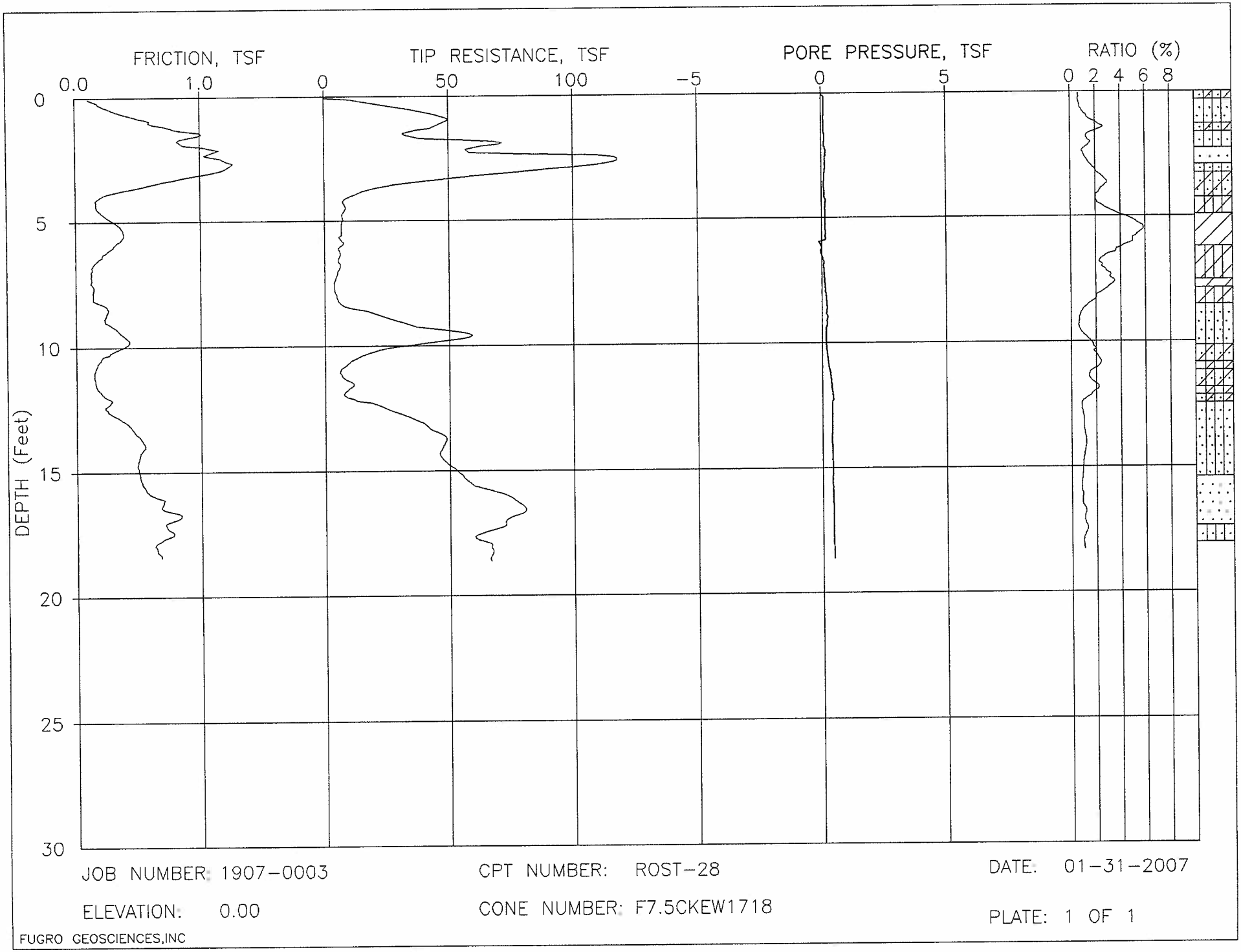
CONE NUMBER: F7.5CKEW1718

DATE: 01−31−2007

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0
2
4
6
8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−27
CONE NUMBER: F7.5CKEW1718
DATE: 01−31−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−28

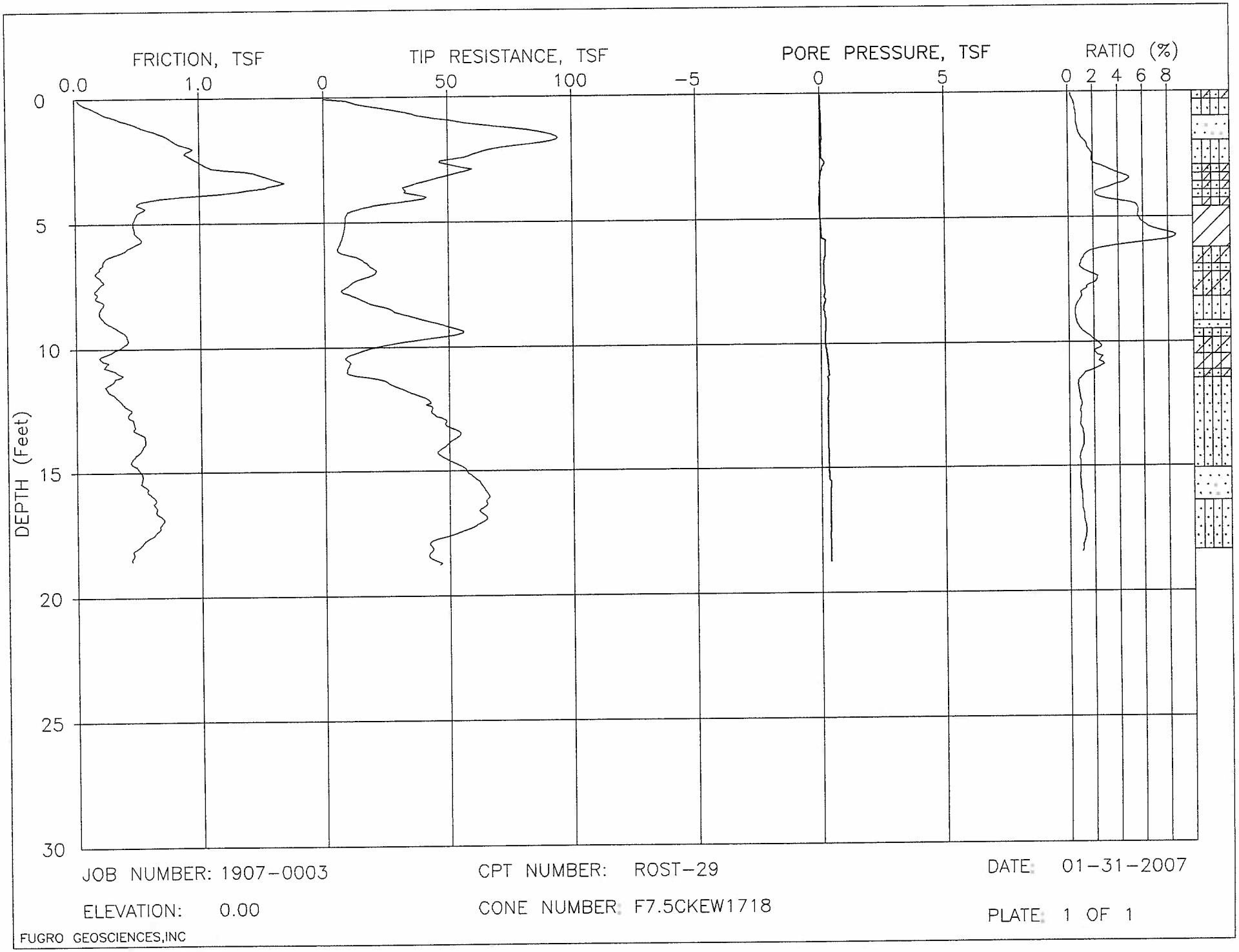
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−29

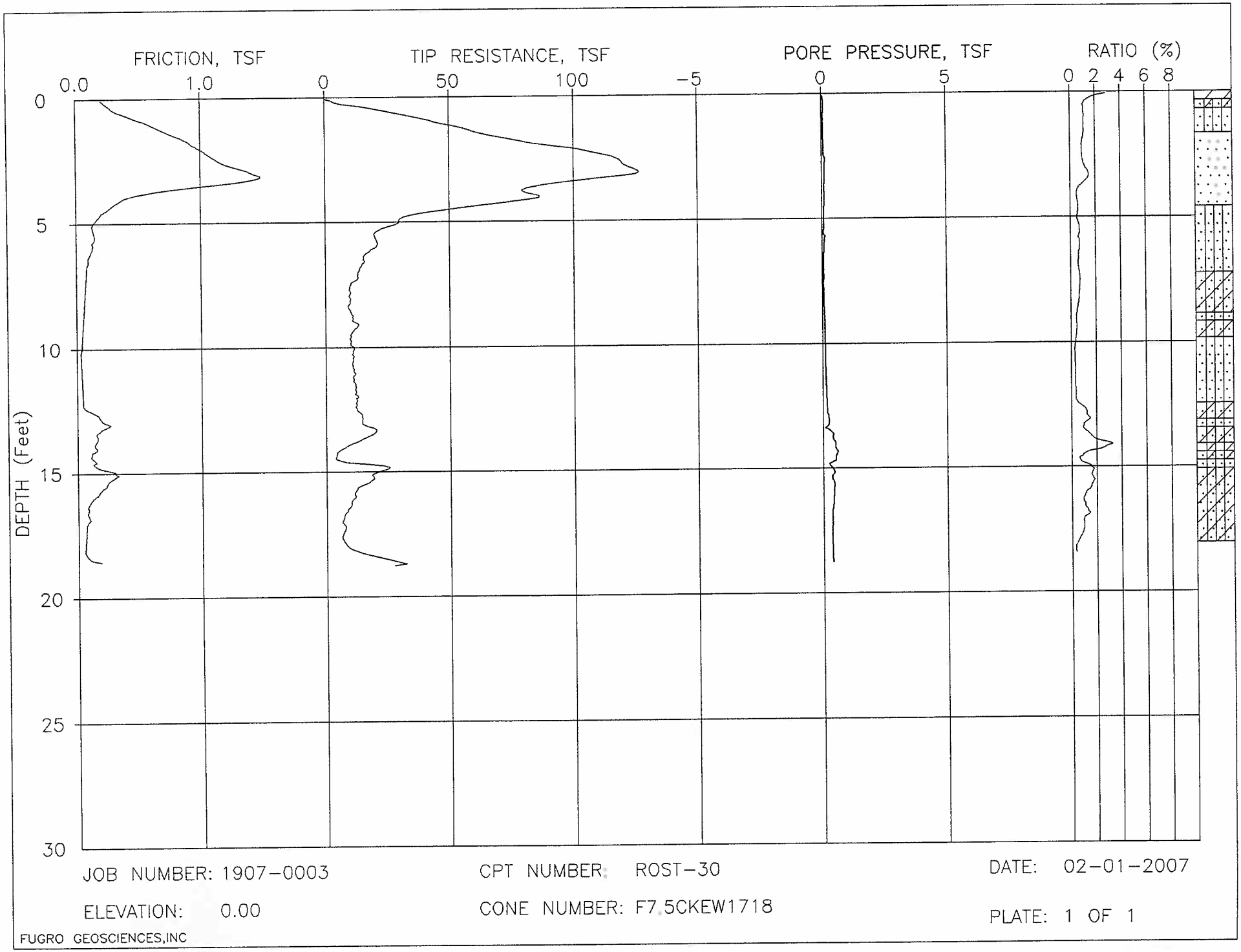
DATE: 01−31−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−30

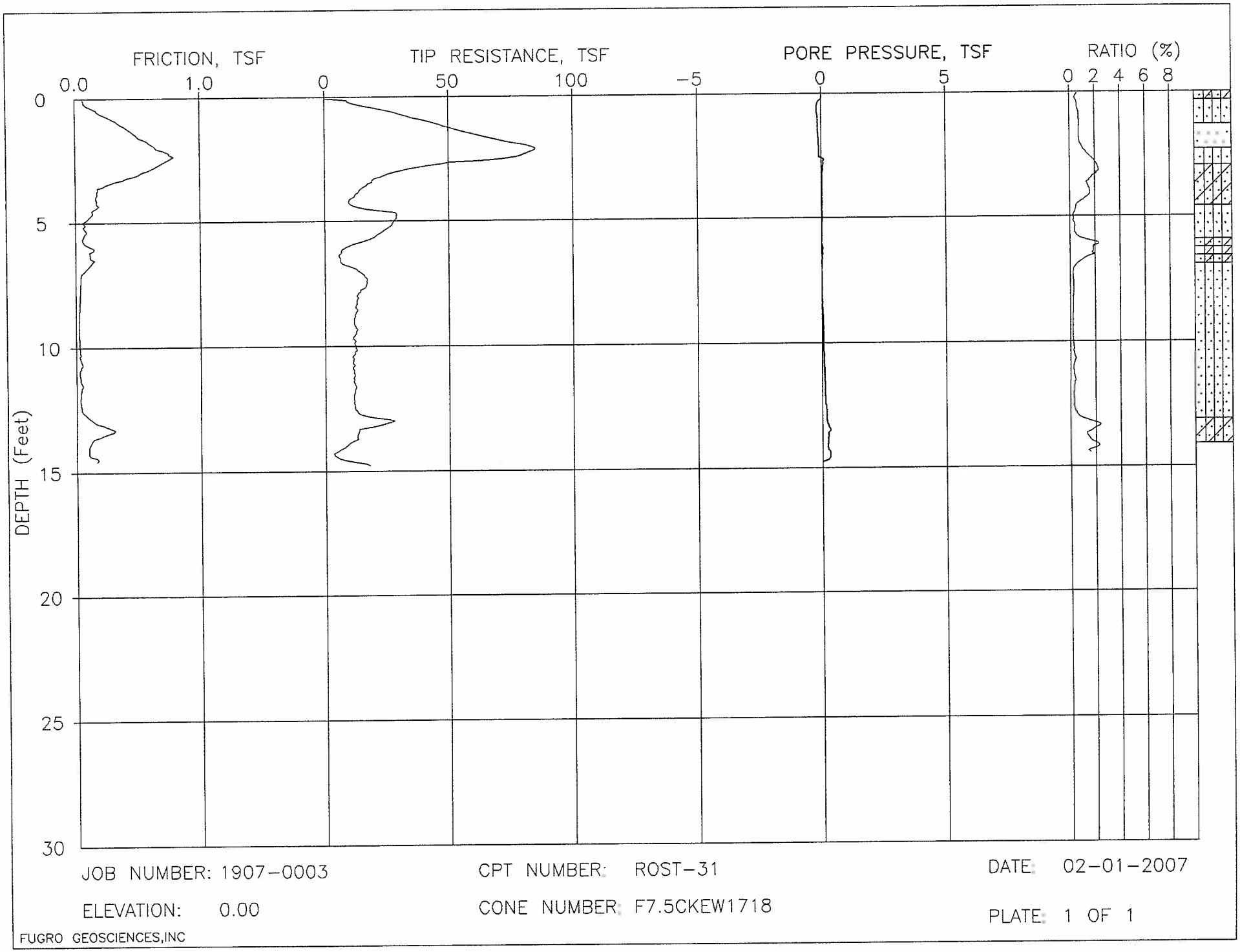
DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−31

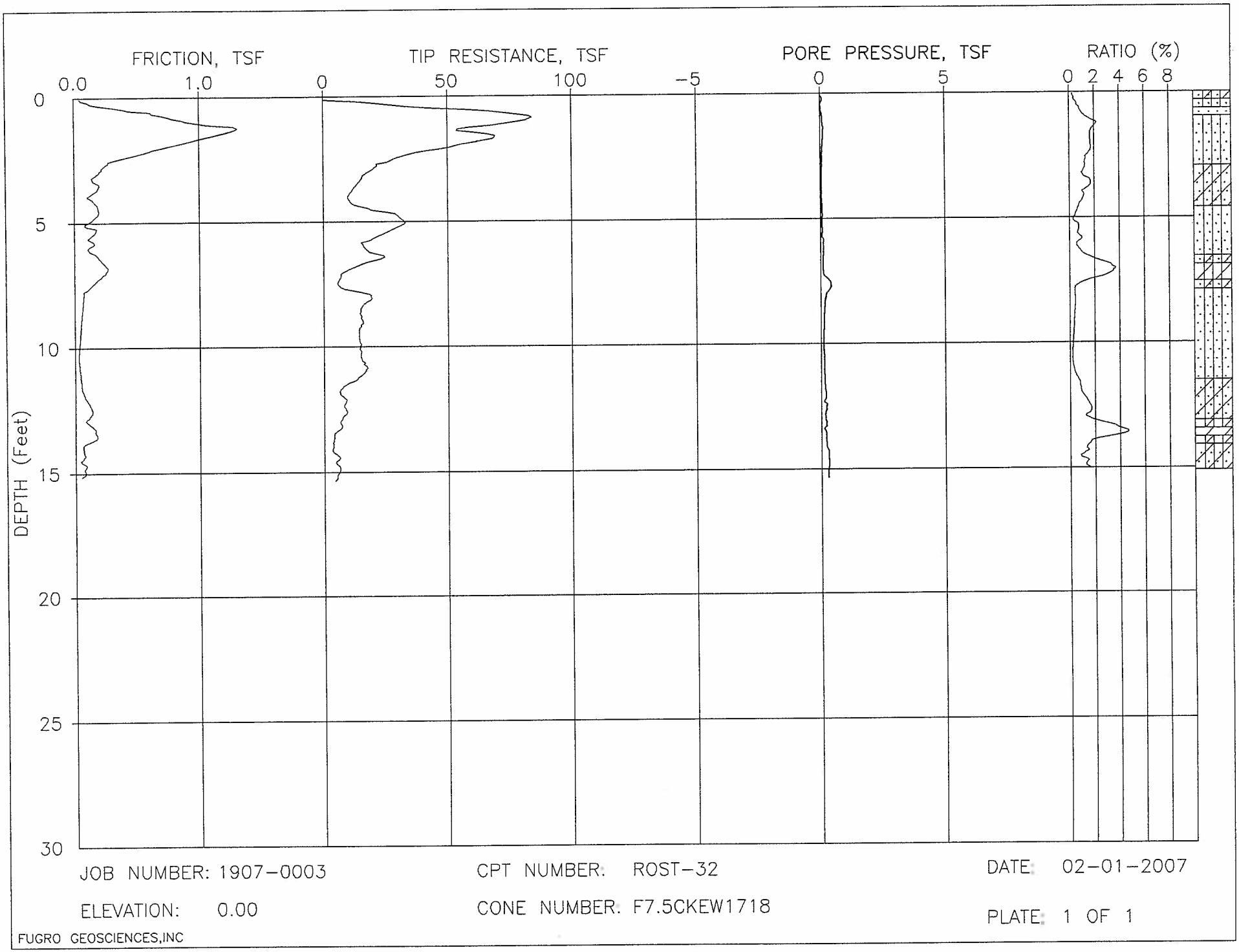
DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−32

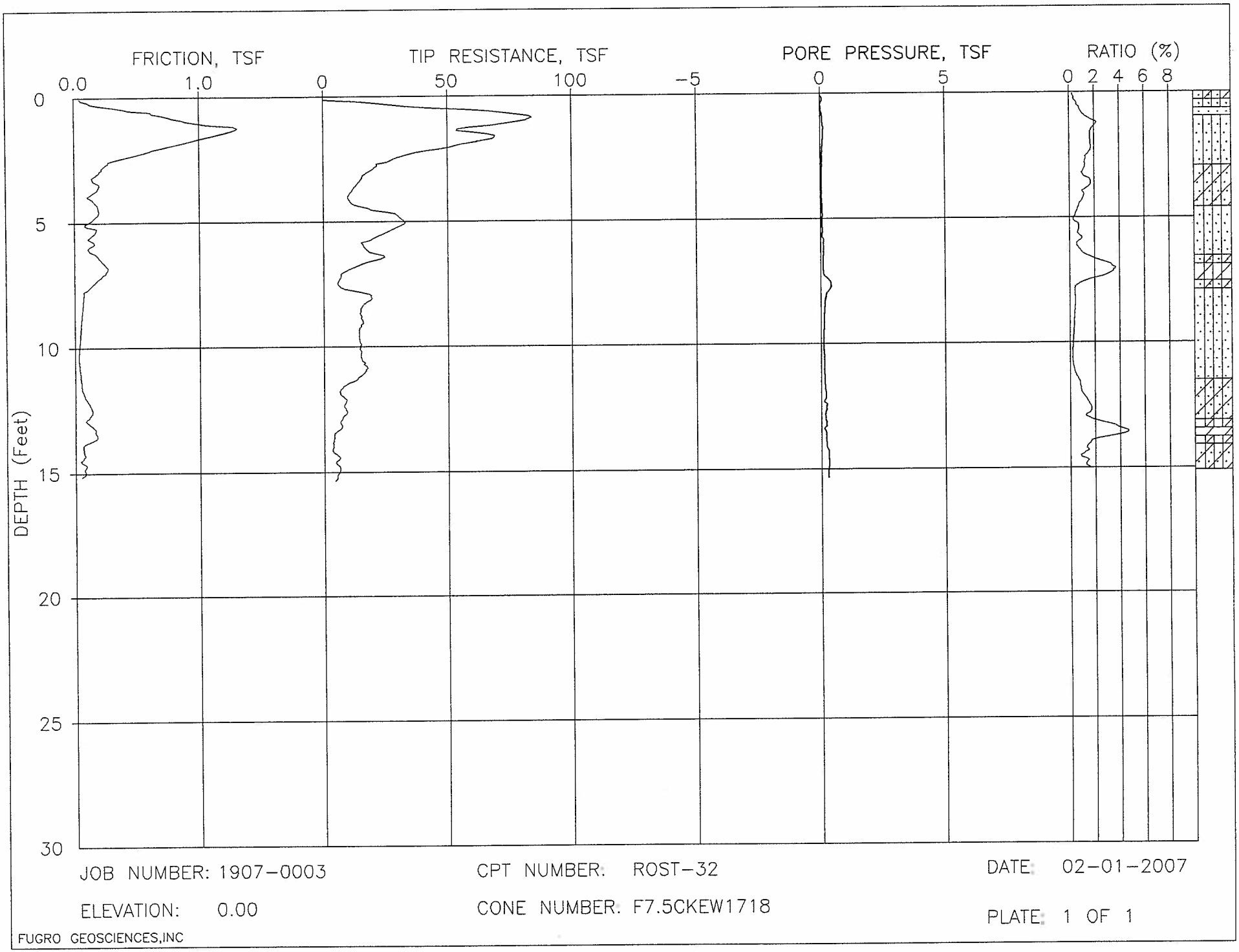
DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−32

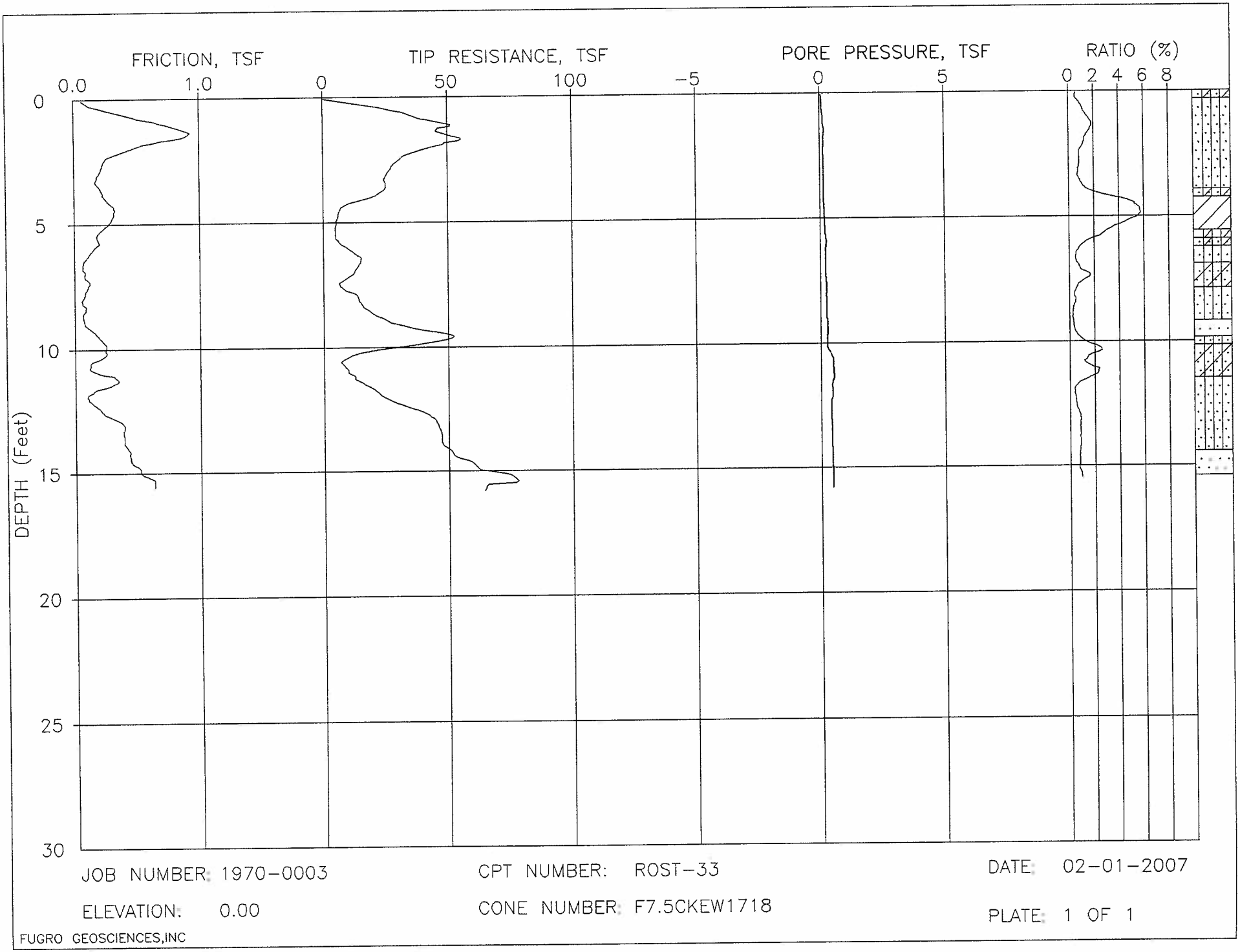
DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1970-0003

CPT NUMBER: ROST-33

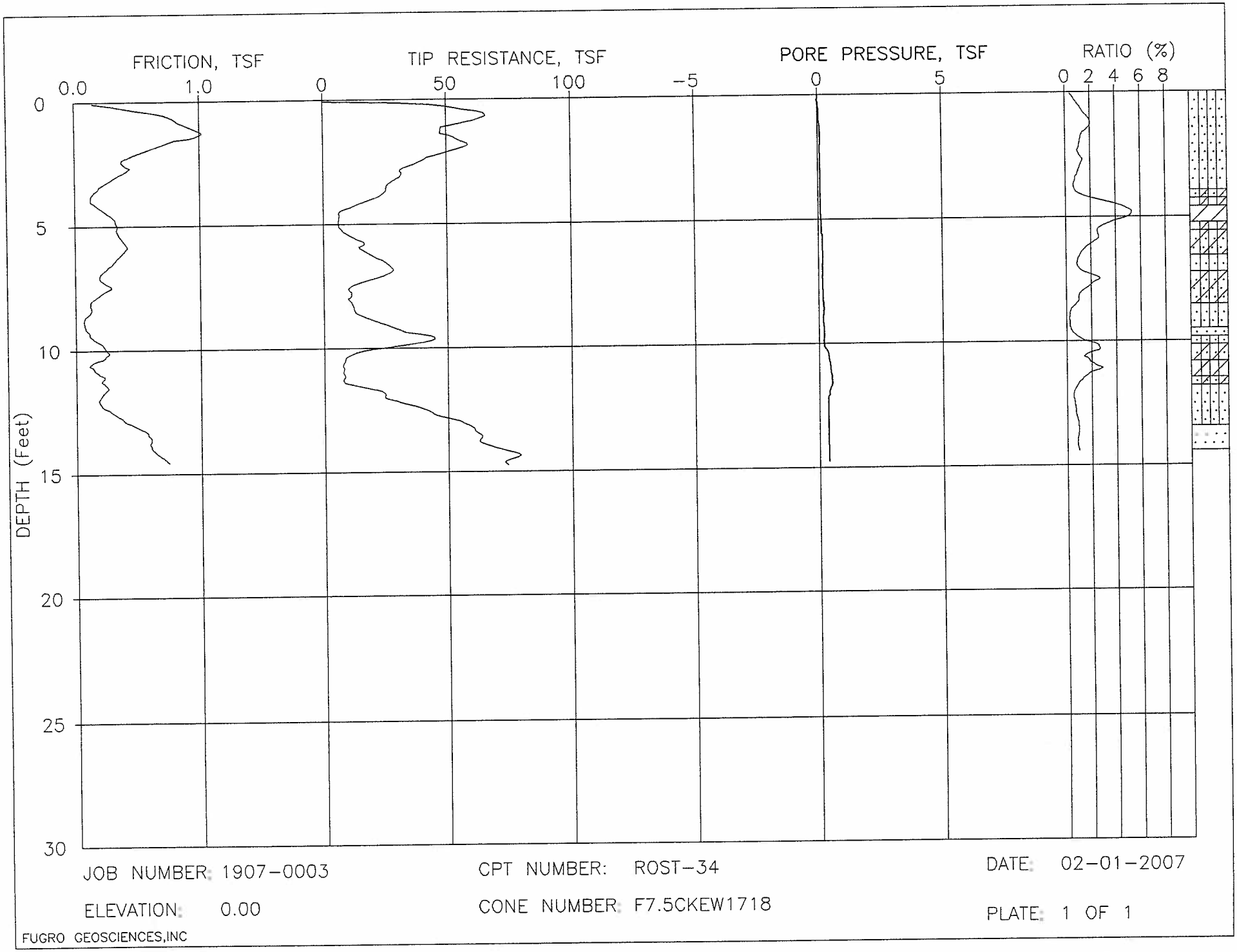
DATE: 02-01-2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−34

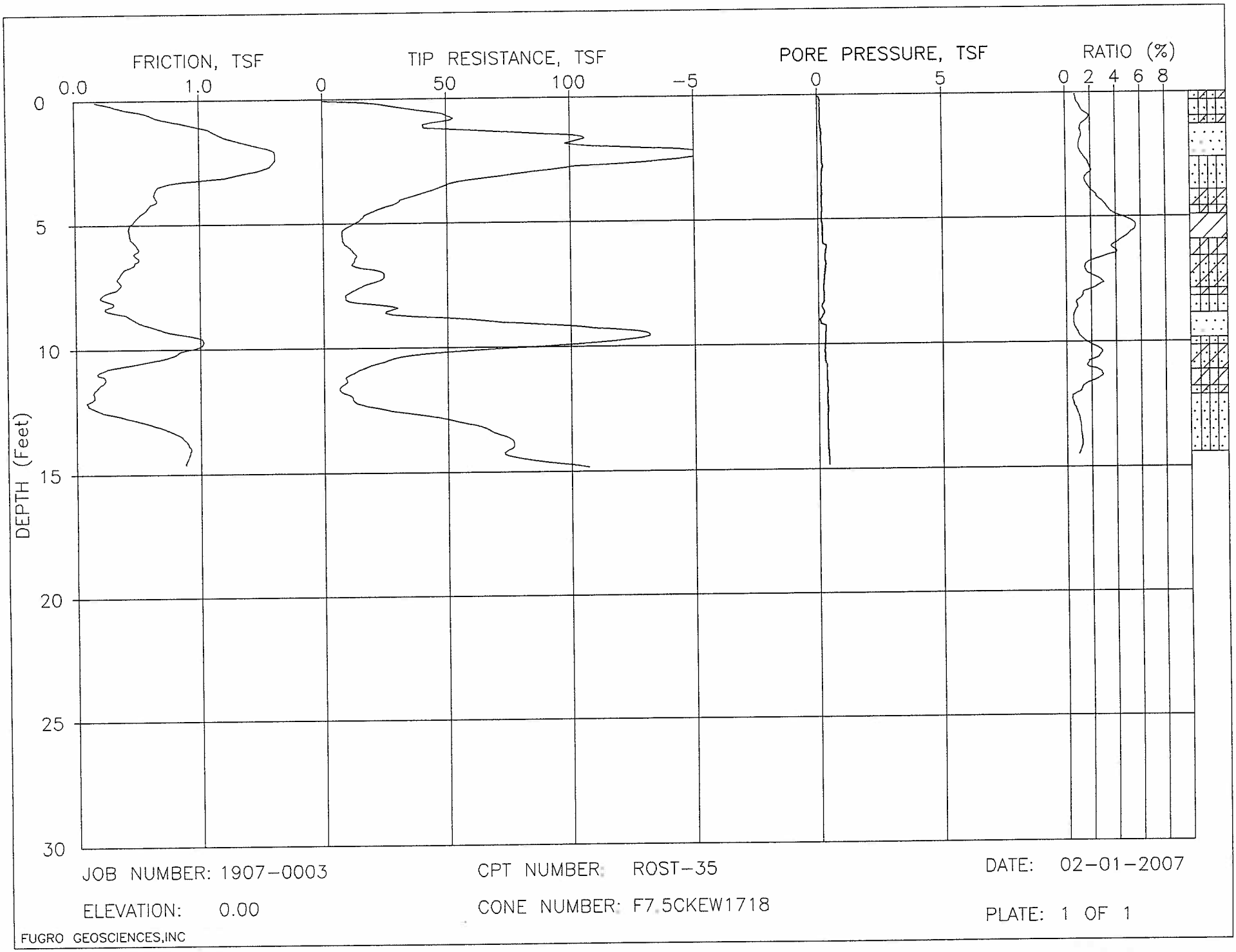
DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−35

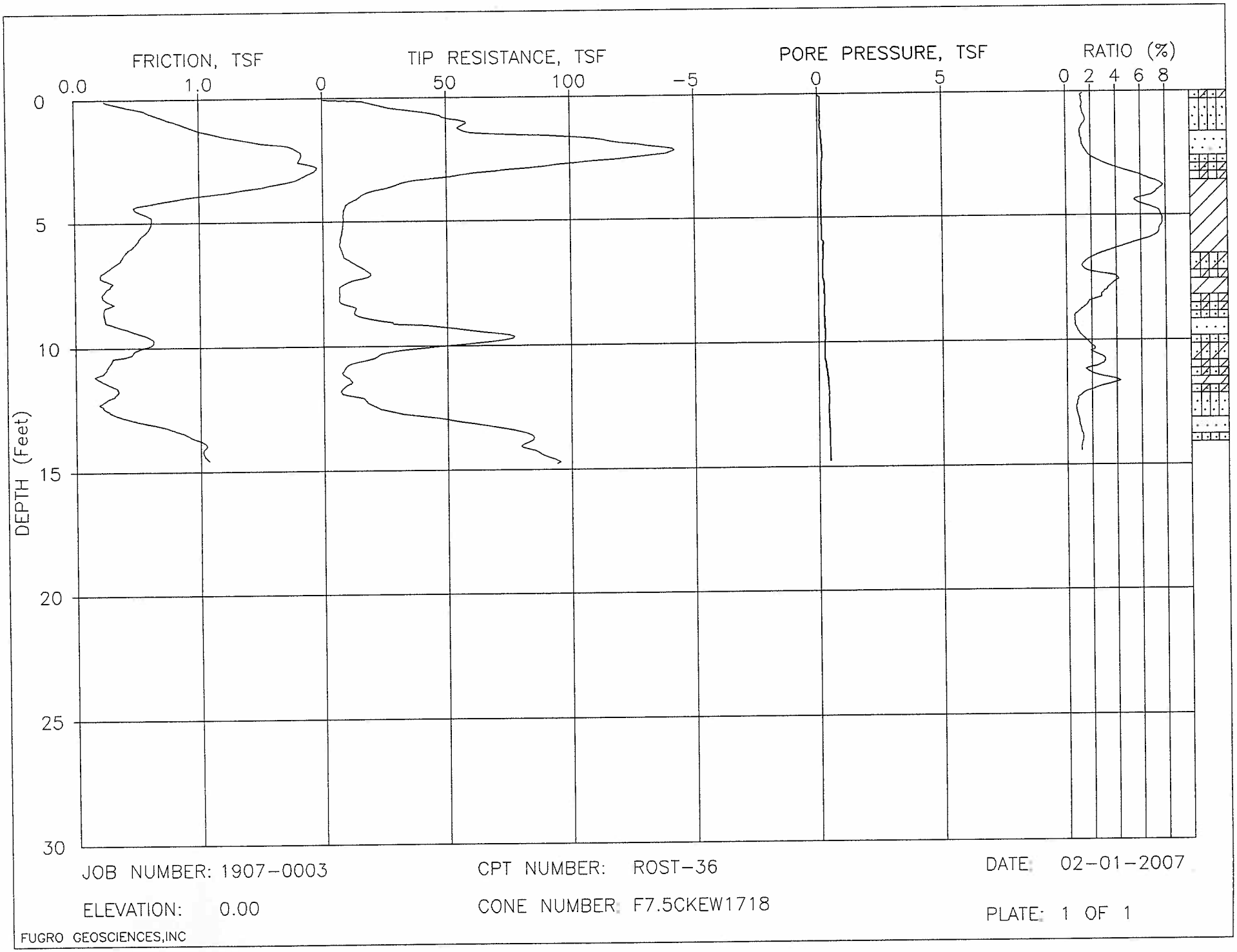
DATE: 02−01−2007

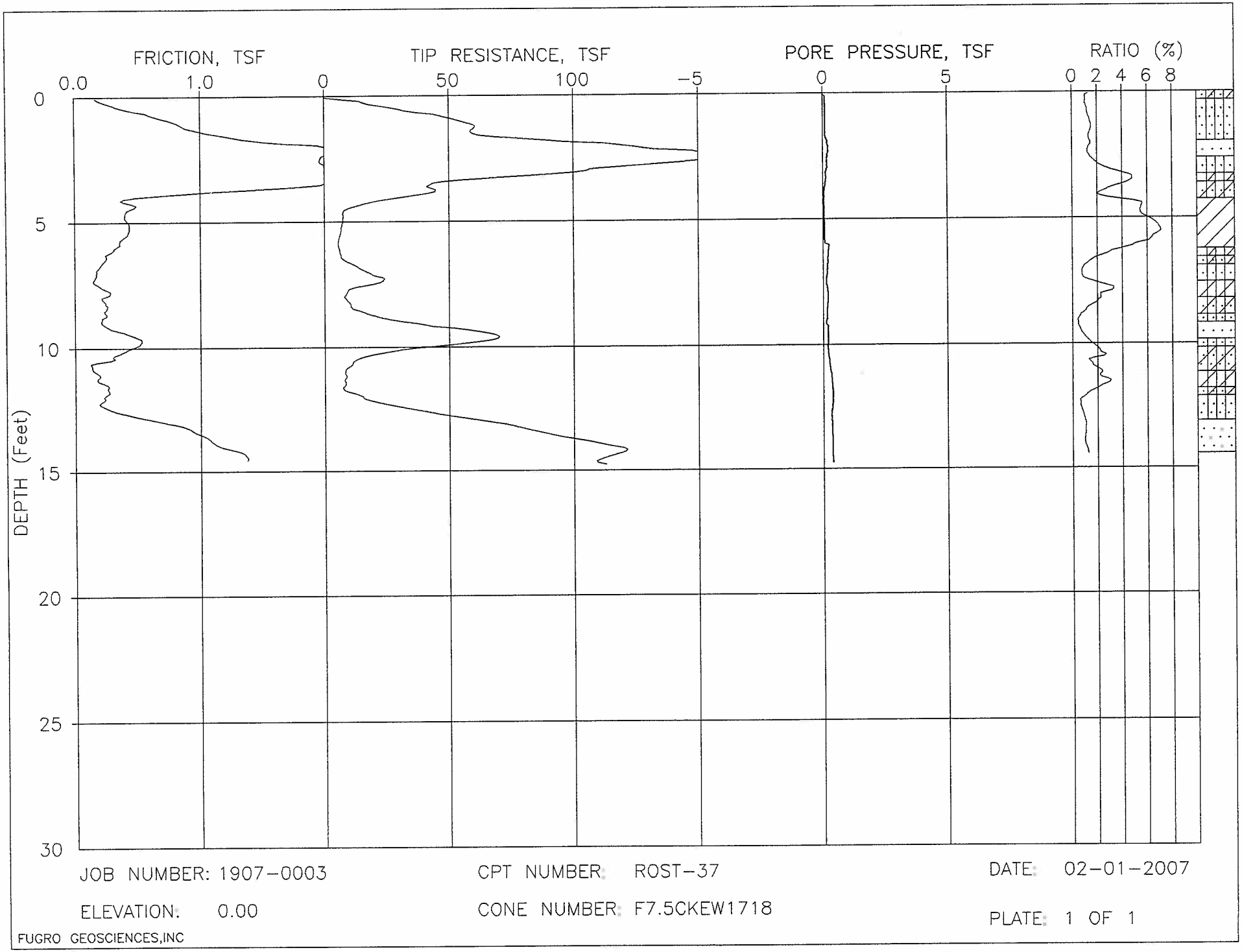
ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0 2 4 6 8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−36
CONE NUMBER: F7.5CKEW1718
DATE: 02−01−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−37

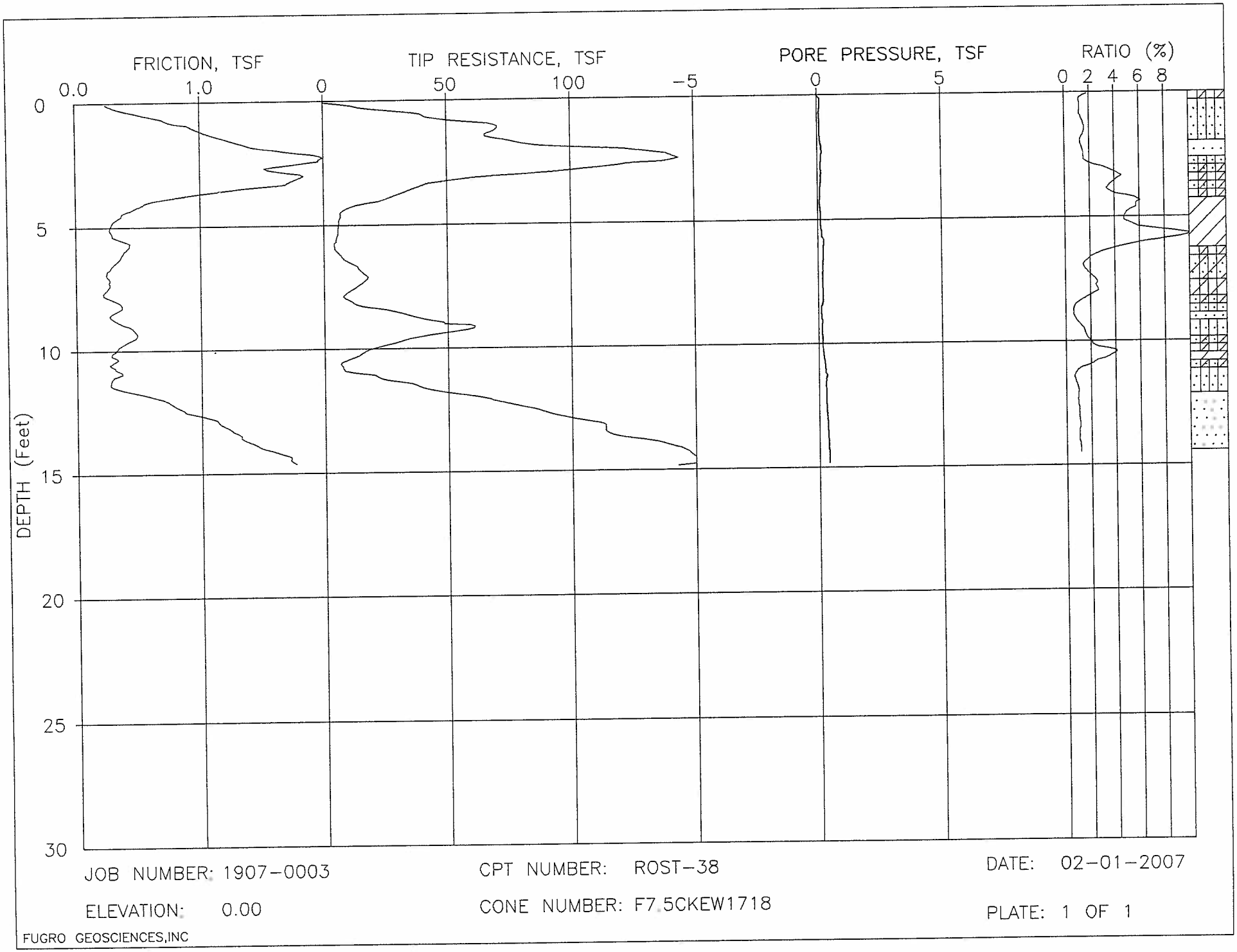
DATE: 02−01−2007

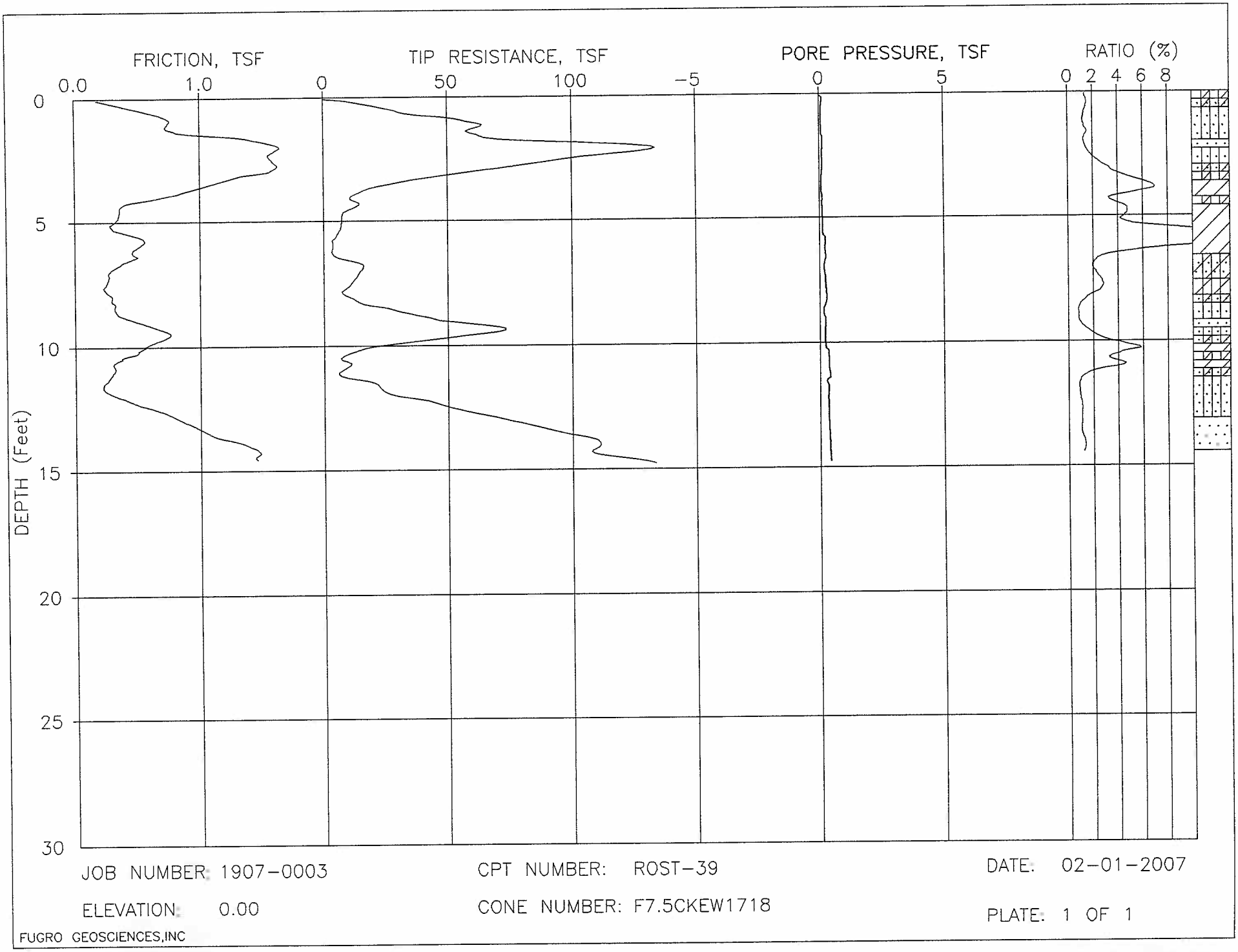
ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC


FRICTION, TSF
0.0
1.0
TIP RESISTANCE, TSF
0
50
100
PORE PRESSURE, TSF
−5
0
5
RATIO (%)
0 2 4 6 8
DEPTH (Feet)
0
5
10
15
20
25
30
JOB NUMBER: 1907−0003
ELEVATION: 0.00
CPT NUMBER: ROST−38
CONE NUMBER: F7.5CKEW1718
DATE: 02−01−2007
PLATE: 1 OF 1
FUGRO GEOSCIENCES,INC



JOB NUMBER: 1907−0003

CPT NUMBER: ROST−39

DATE: 02−01−2007

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1718

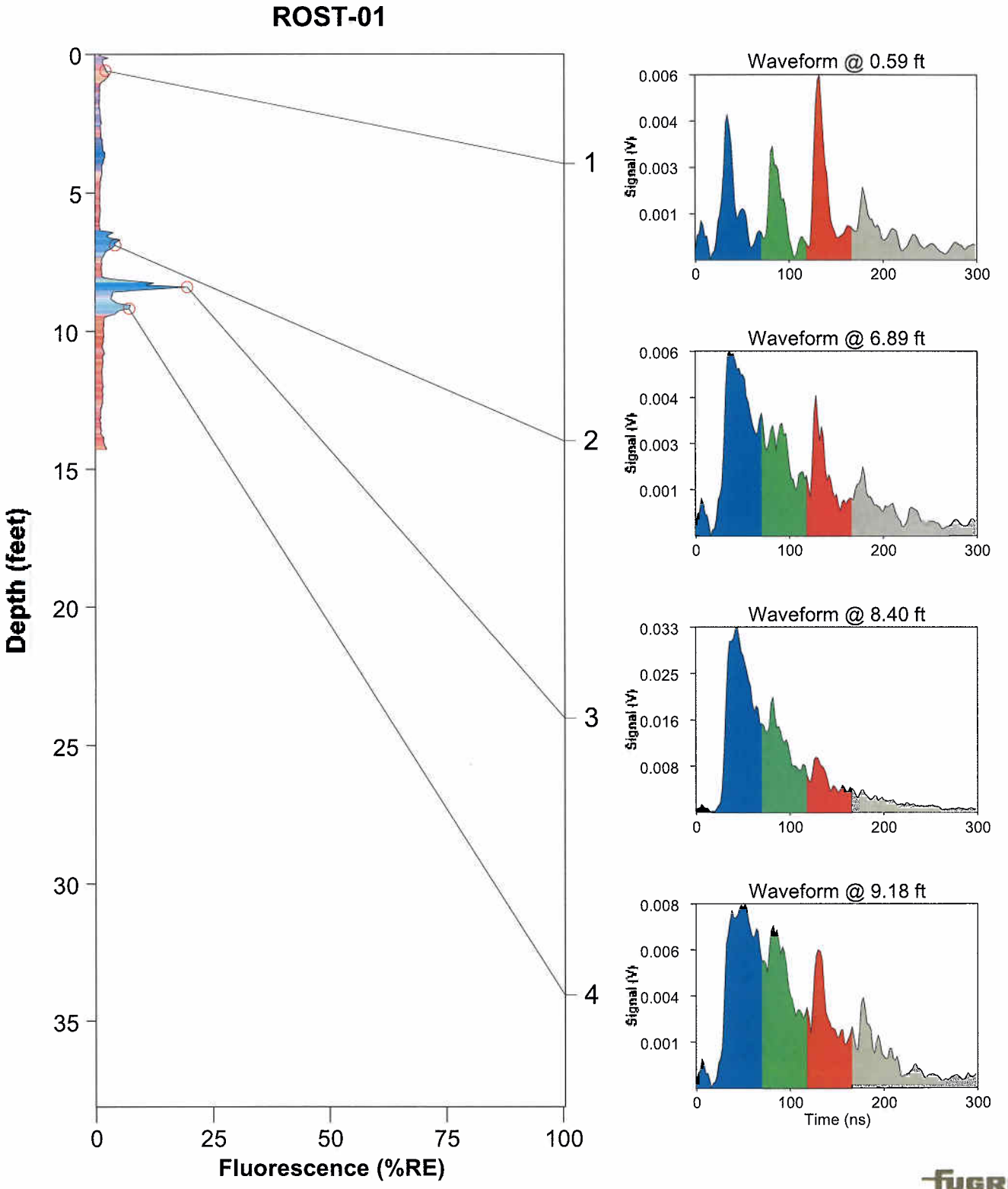
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST™
LOGS

ROST Fluorescence Response Data

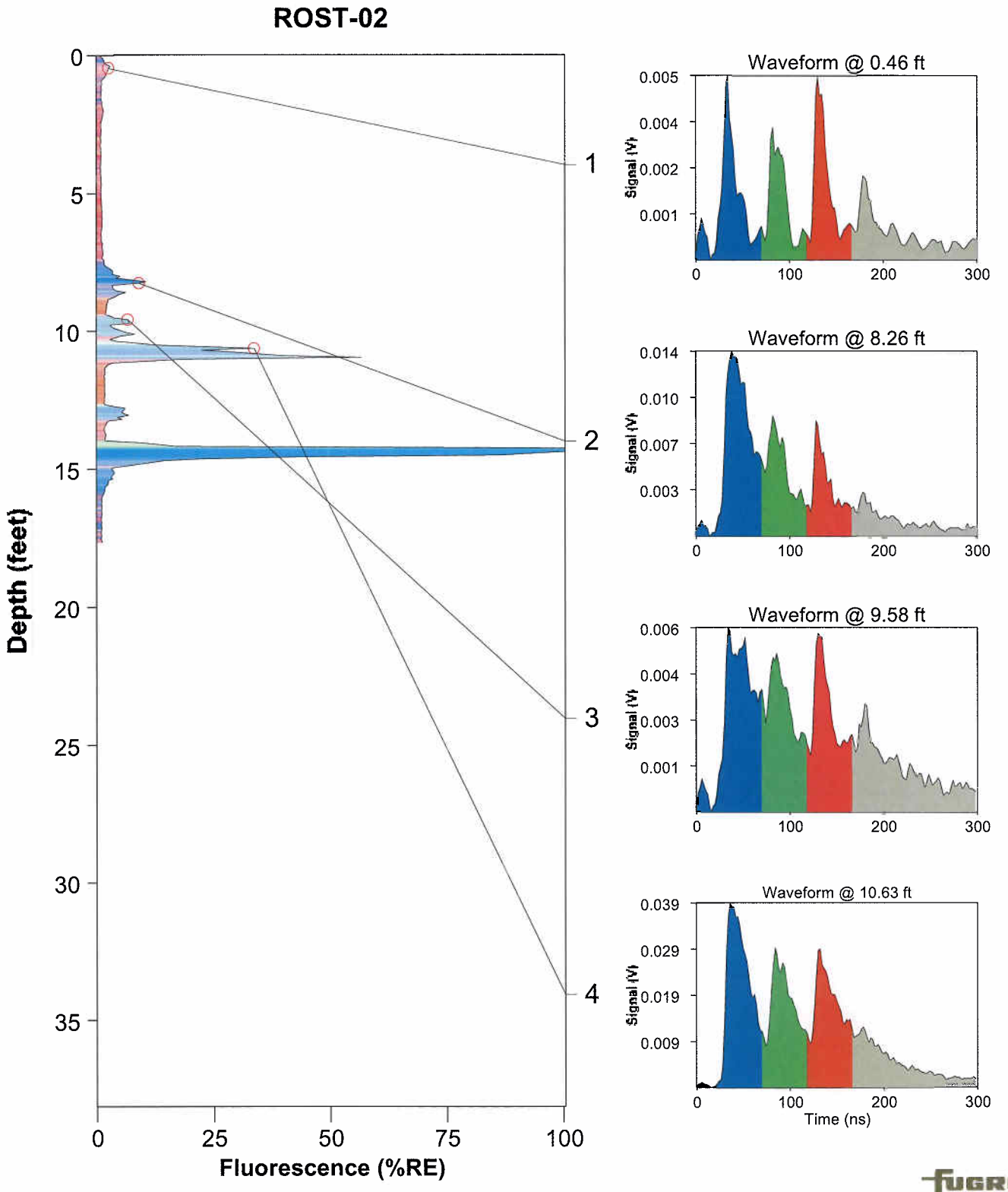
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 11:49:12 AM	Max fluorescence: 19.22% @ 8.40 ft
ROST Unit: VI	Final depth BGS: 14.30 ft



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ROST Fluorescence Response Data

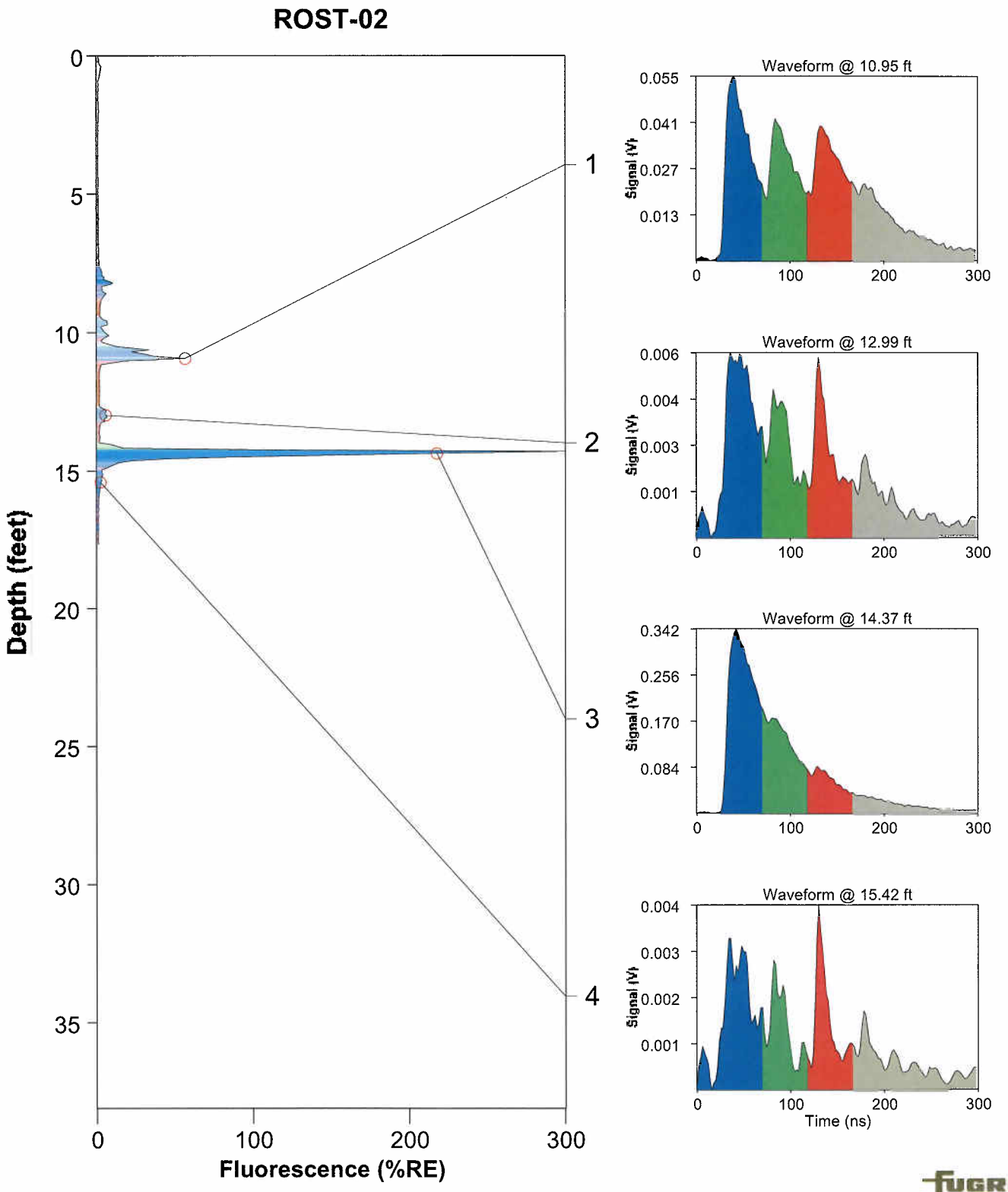
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 12:17:12 PM	Max fluorescence: 349.67% @ 14.30 ft
ROST Unit: VI	Final depth BGS: 17.65 ft



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ROST Fluorescence Response Data

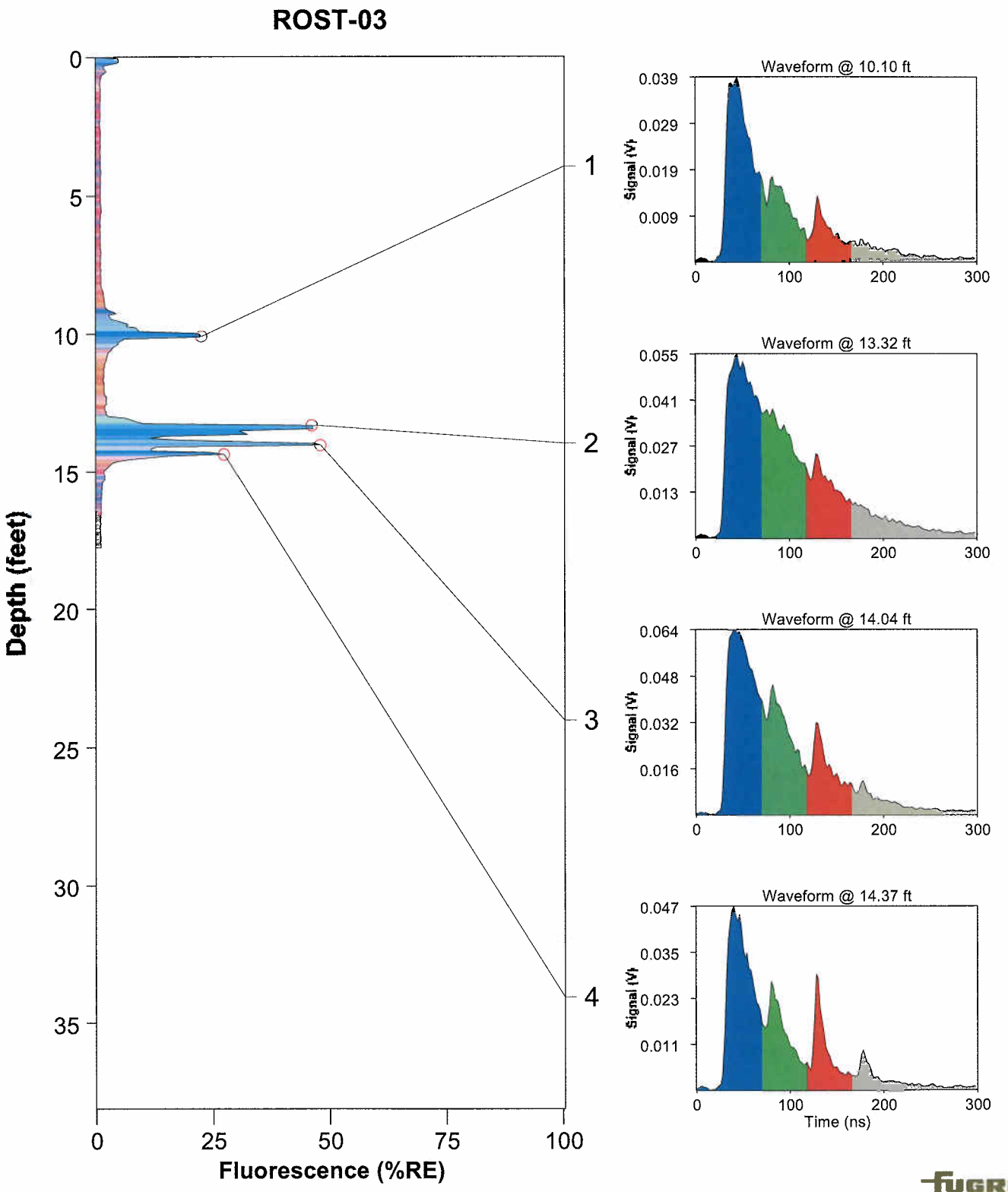
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 12:17:12 PM	Max fluorescence: 349.67% @ 14.30 ft
ROST Unit: VI	Final depth BGS: 17.65 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

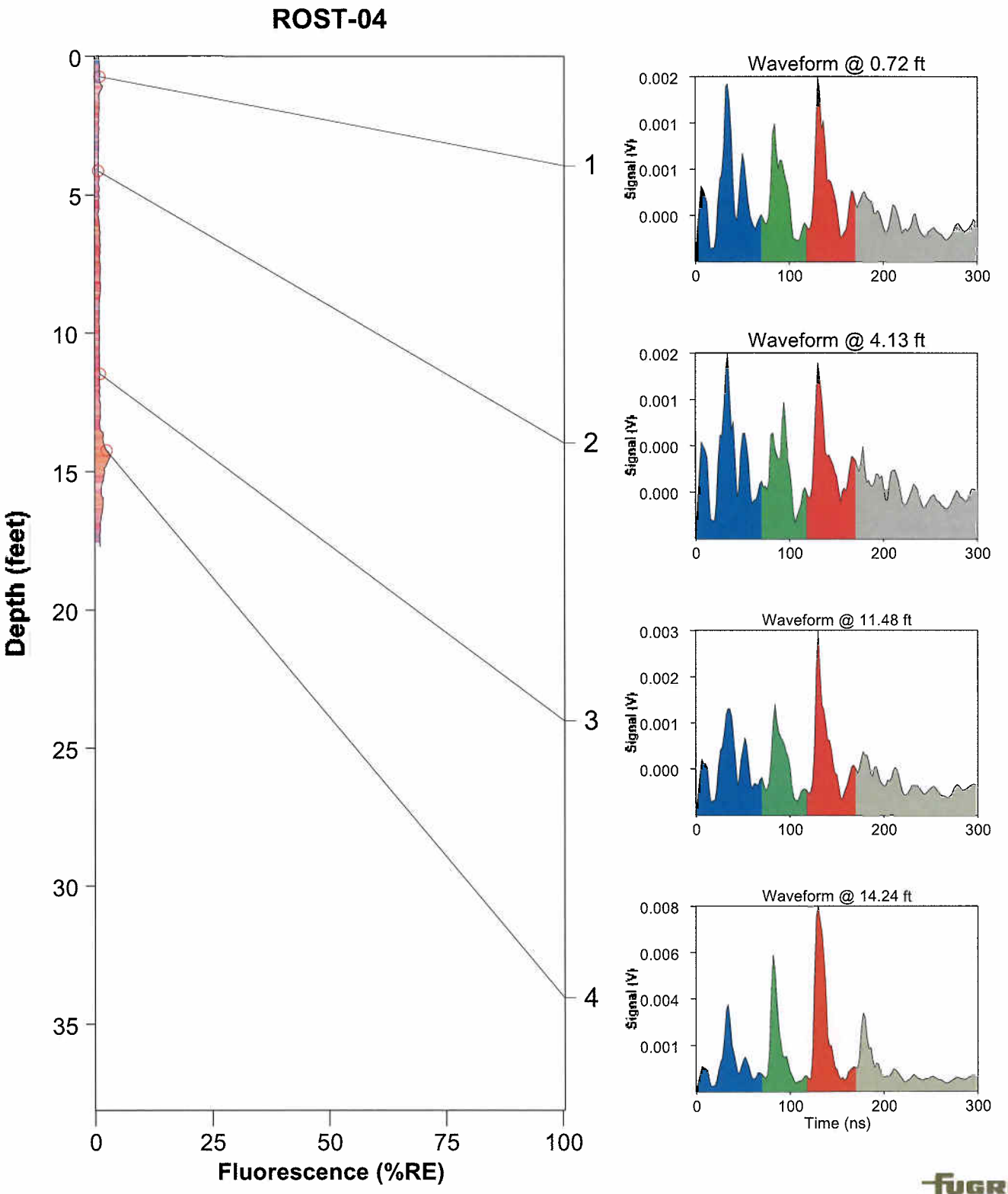
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 12:34:51 PM	Max fluorescence: 47.66% @ 14.04 ft
ROST Unit: VI	Final depth BGS: 17.78 ft



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ROST Fluorescence Response Data

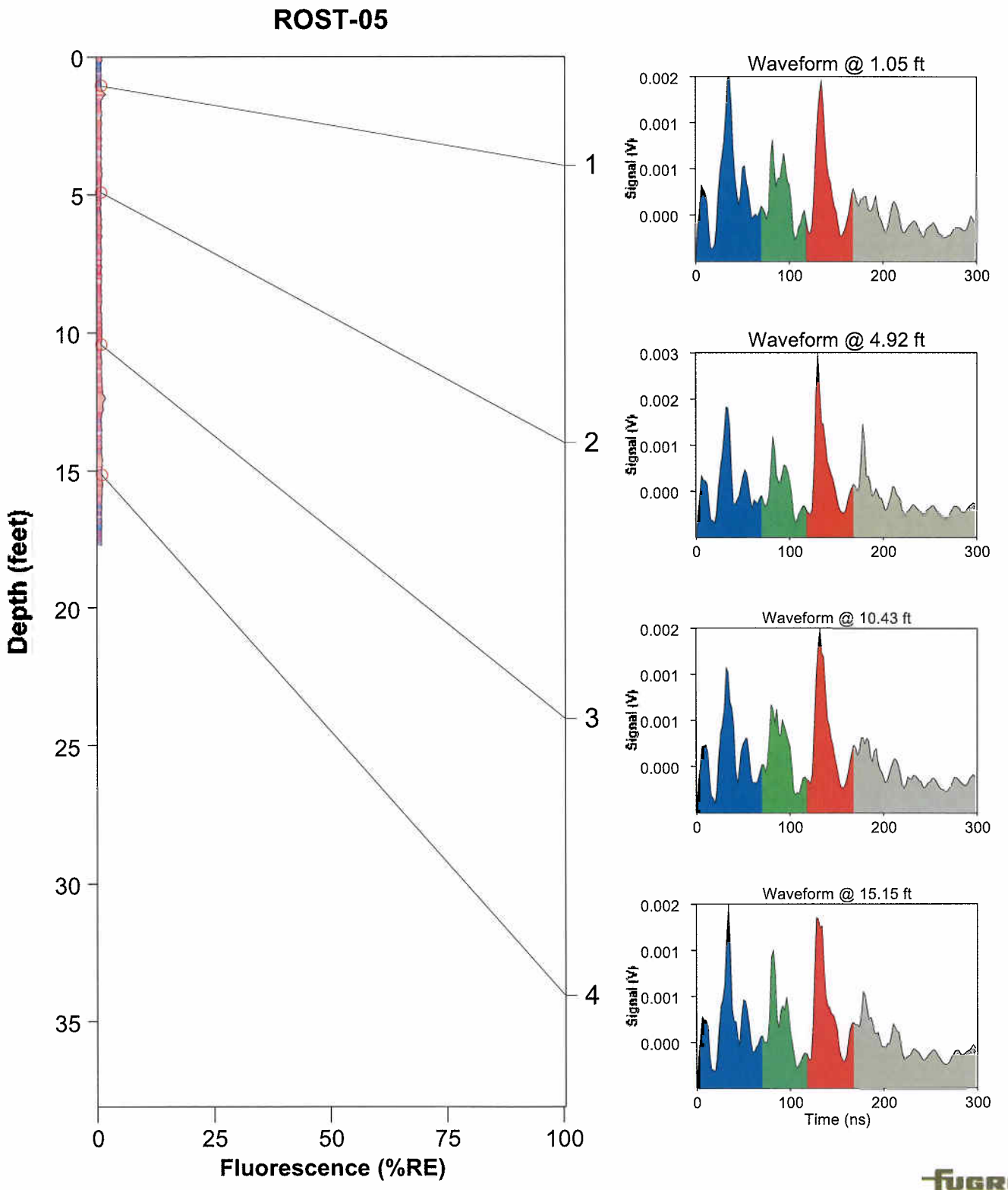
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 12:57:32 PM	Max fluorescence: 2.99% @ 14.43 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 1:22:38 PM	Max fluorescence: 1.52% @ 1.37 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

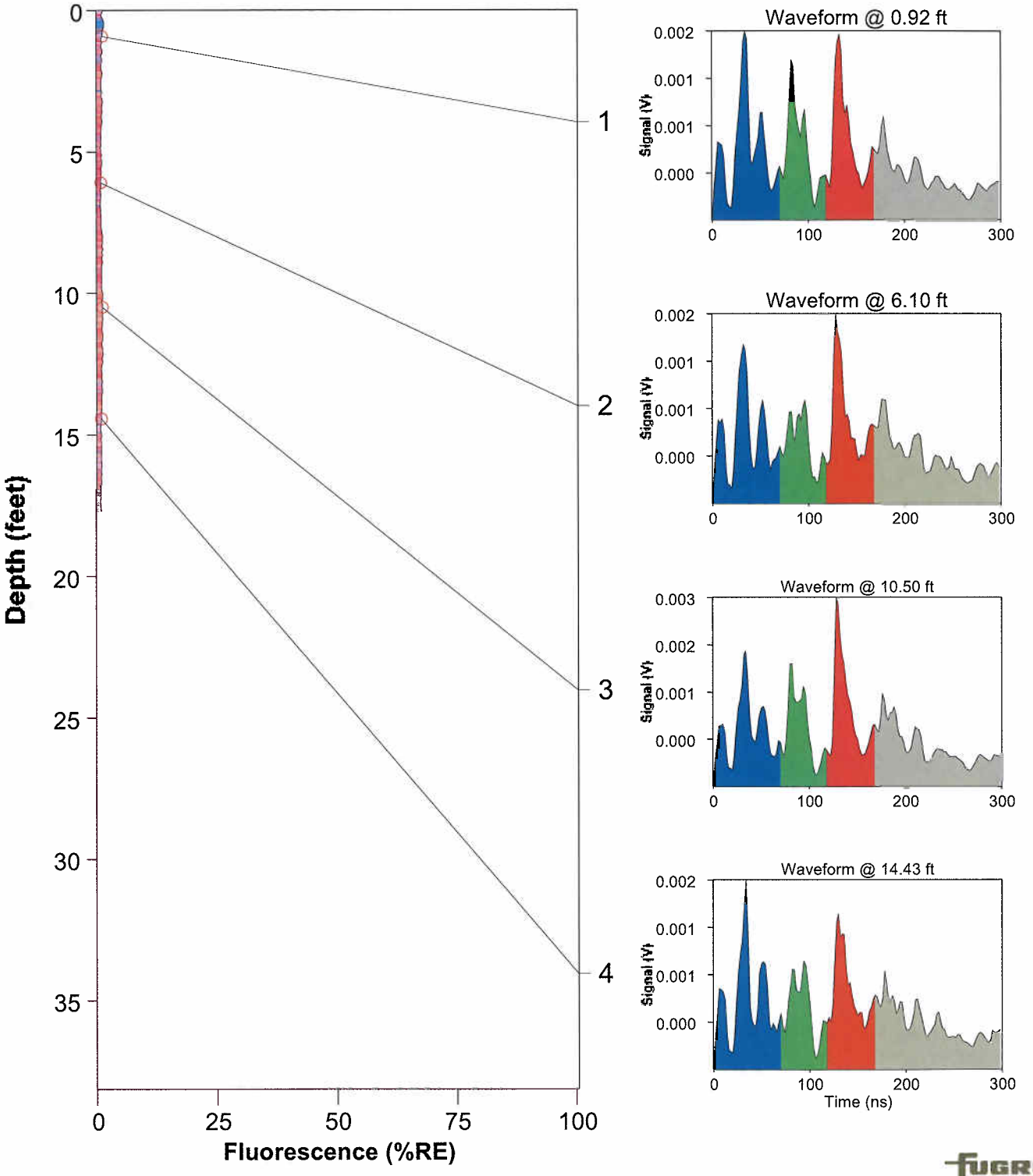


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ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 1:44:23 PM	Max fluorescence: 1.09% @ 0.46 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

ROST-06

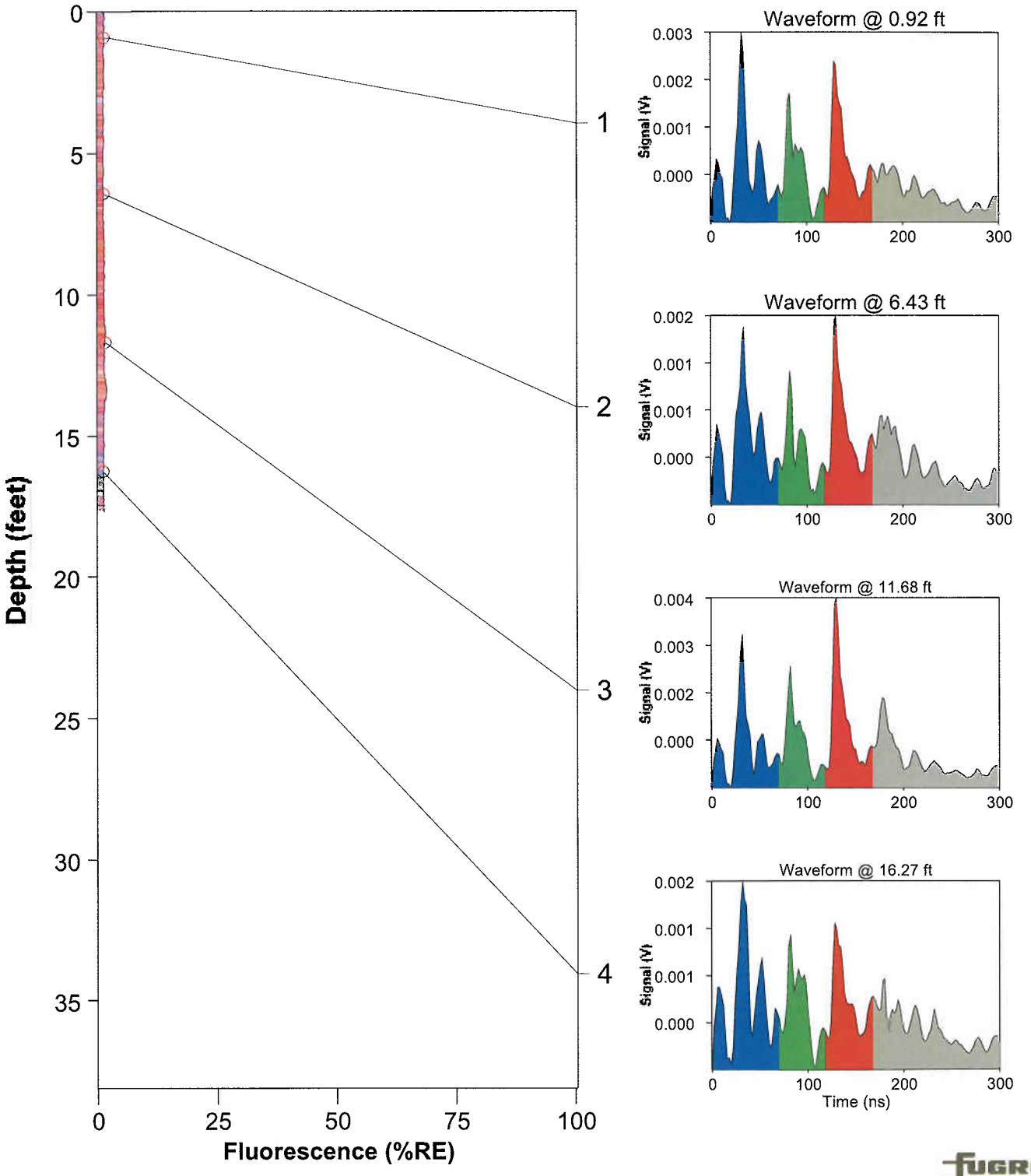


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 2:01:22 PM	Max fluorescence: 1.58% @ 13.38 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

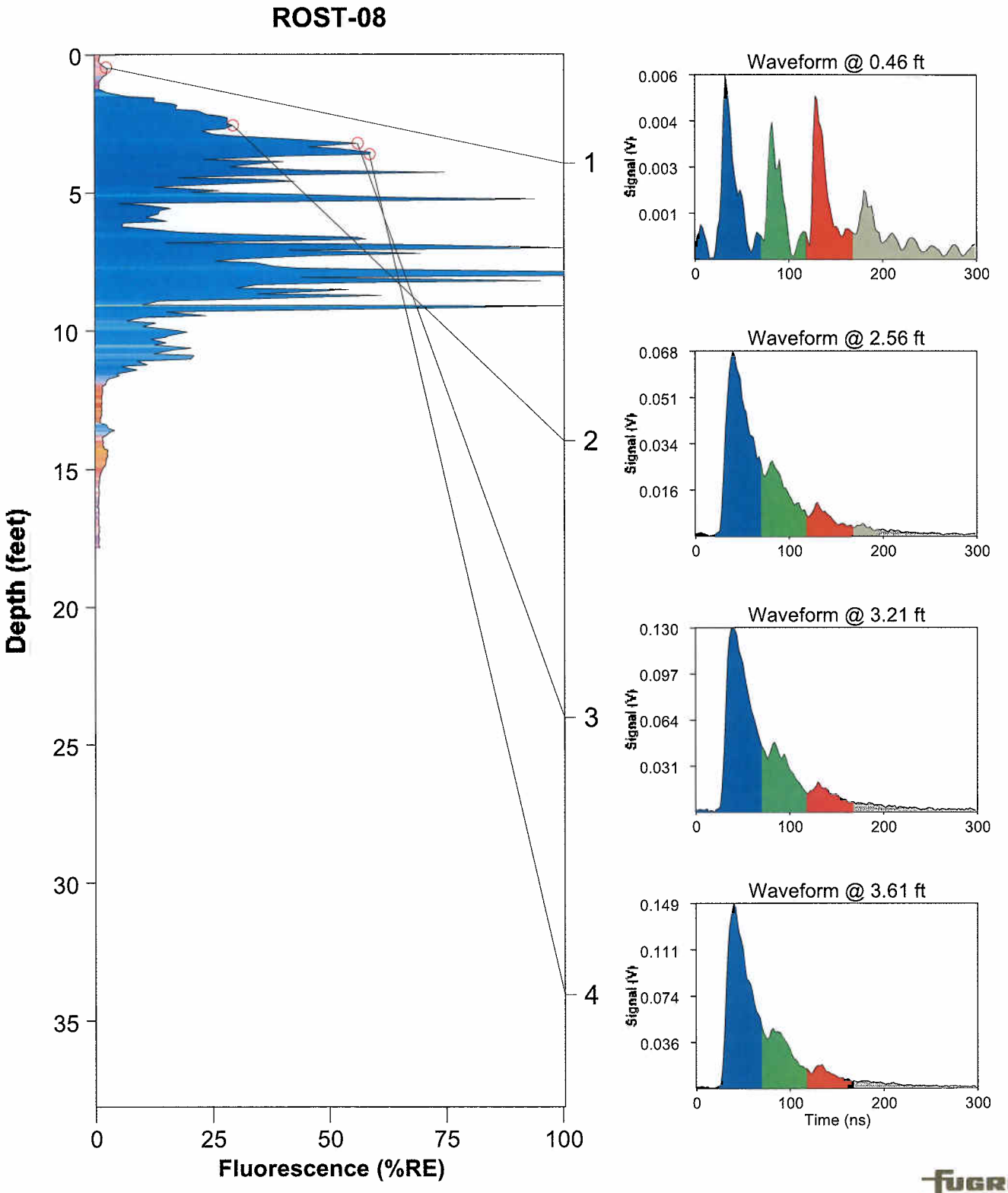
ROST-07



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

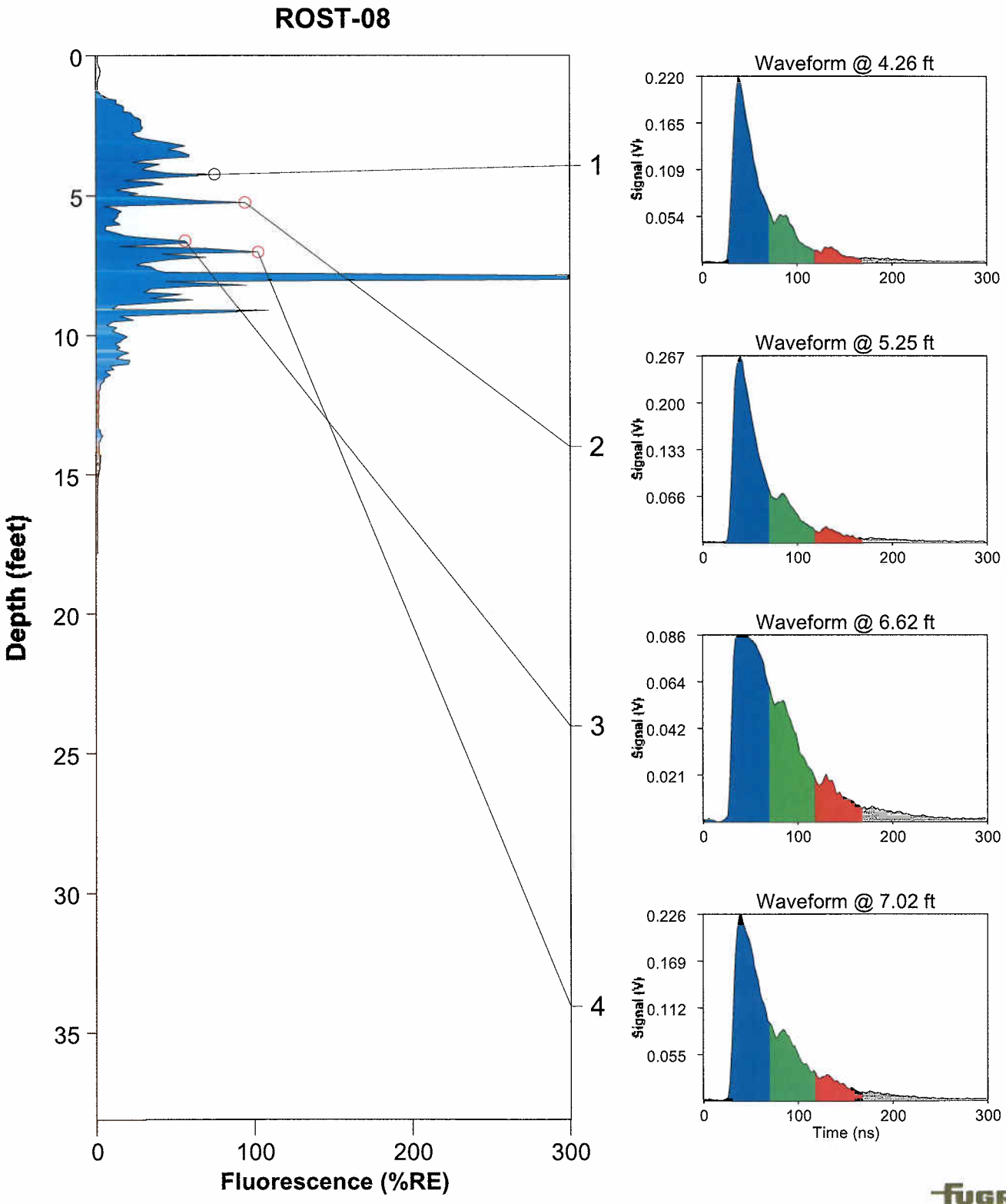
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 2:17:54 PM	Max fluorescence: 444.09% @ 8.00 ft
ROST Unit: VI	Final depth BGS: 17.84 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

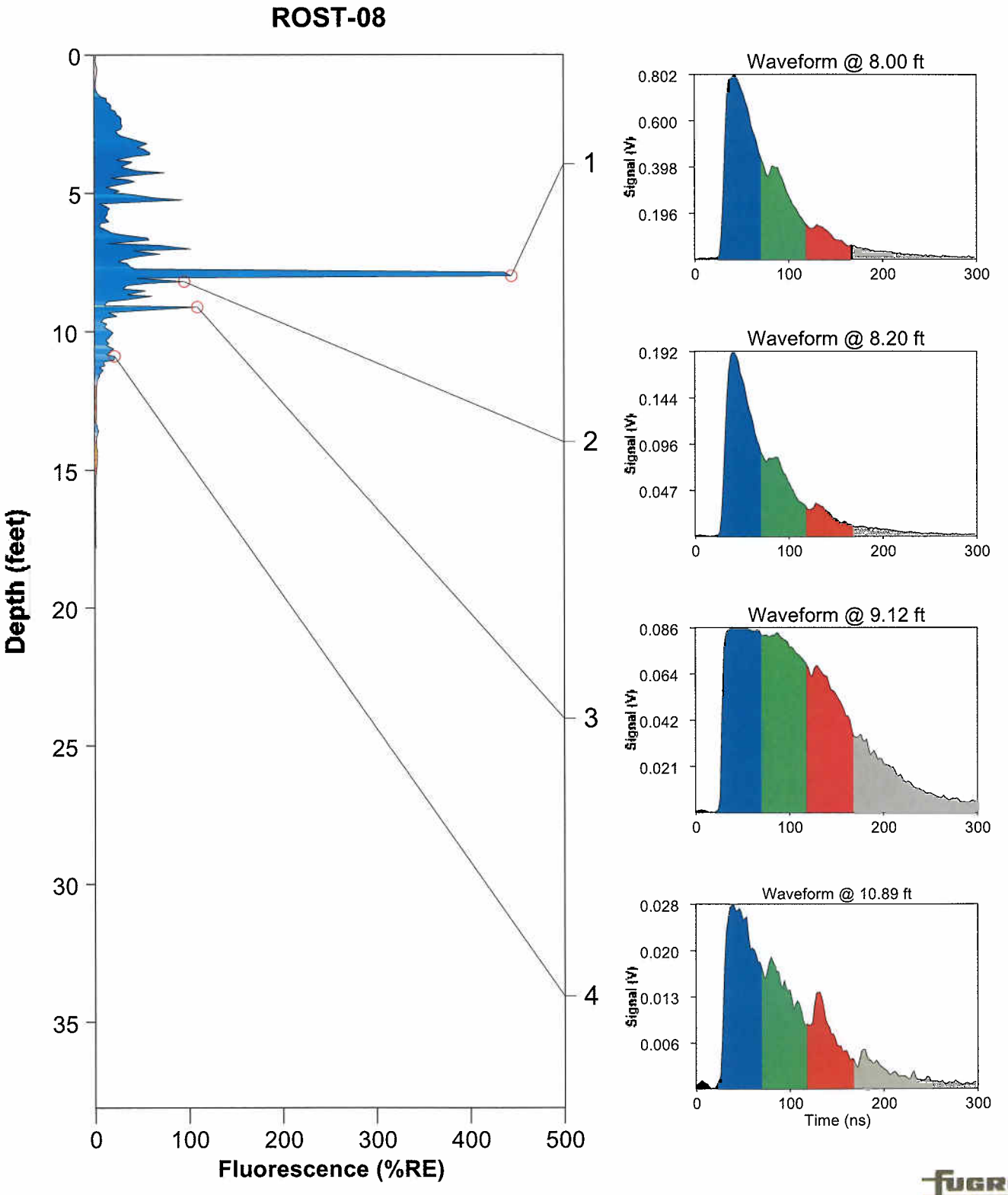
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 2:17:54 PM	Max fluorescence: 444.09% @ 8.00 ft
ROST Unit: VI	Final depth BGS: 17.84 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 2:17:54 PM	Max fluorescence: 444.09% @ 8.00 ft
ROST Unit: VI	Final depth BGS: 17.84 ft

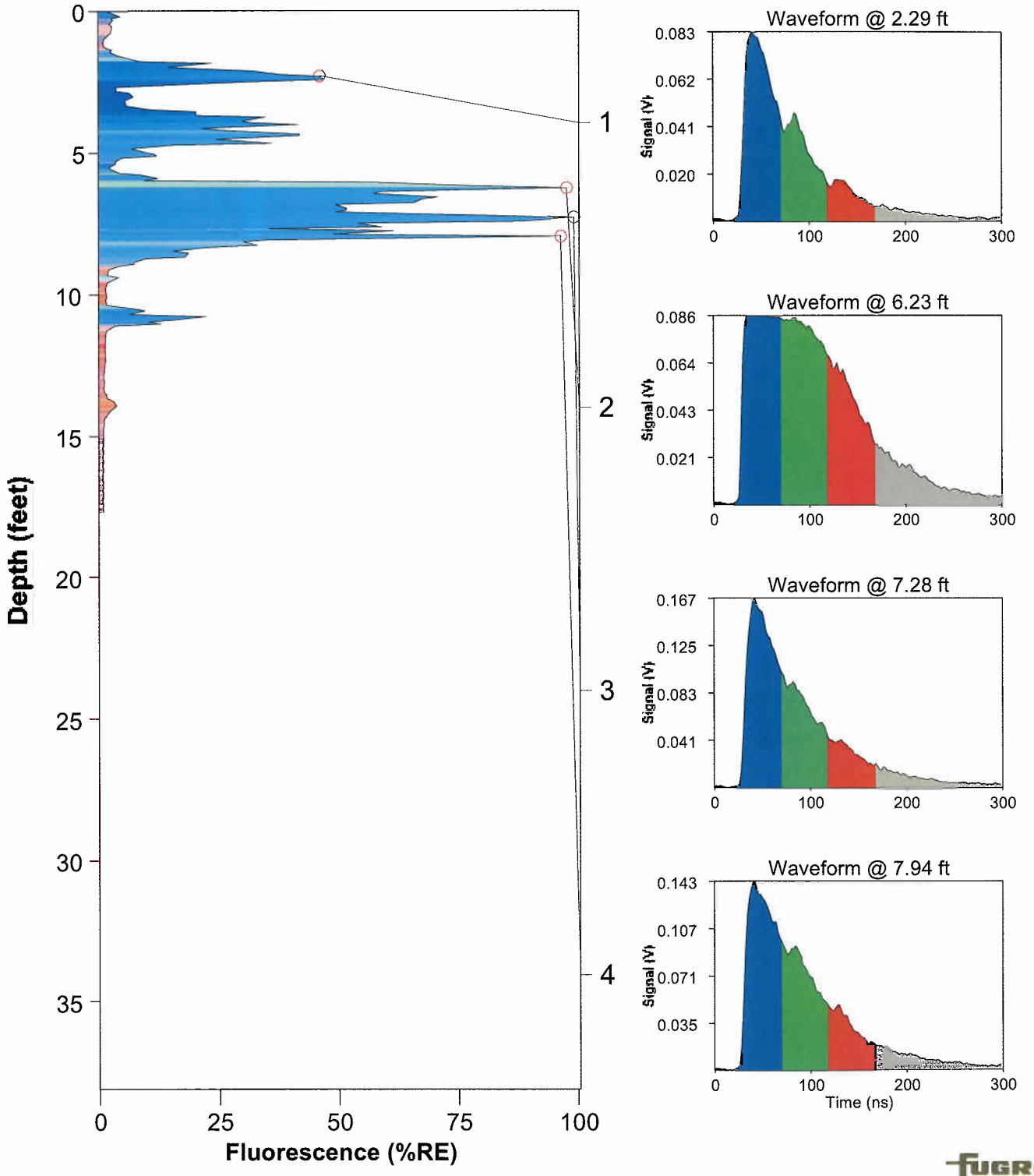


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ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 2:34:06 PM	Max fluorescence: 98.88% @ 7.28 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

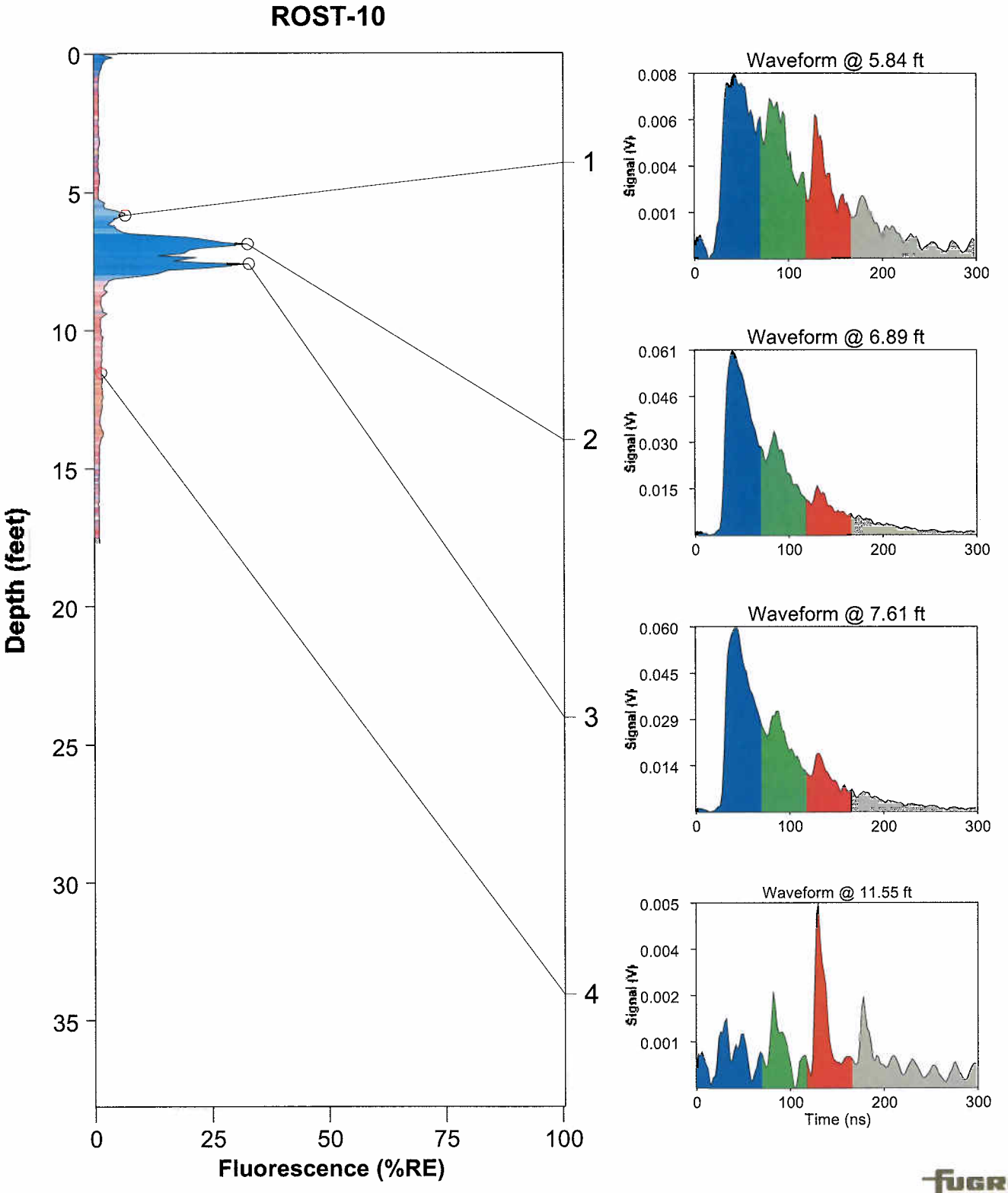
ROST-09



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

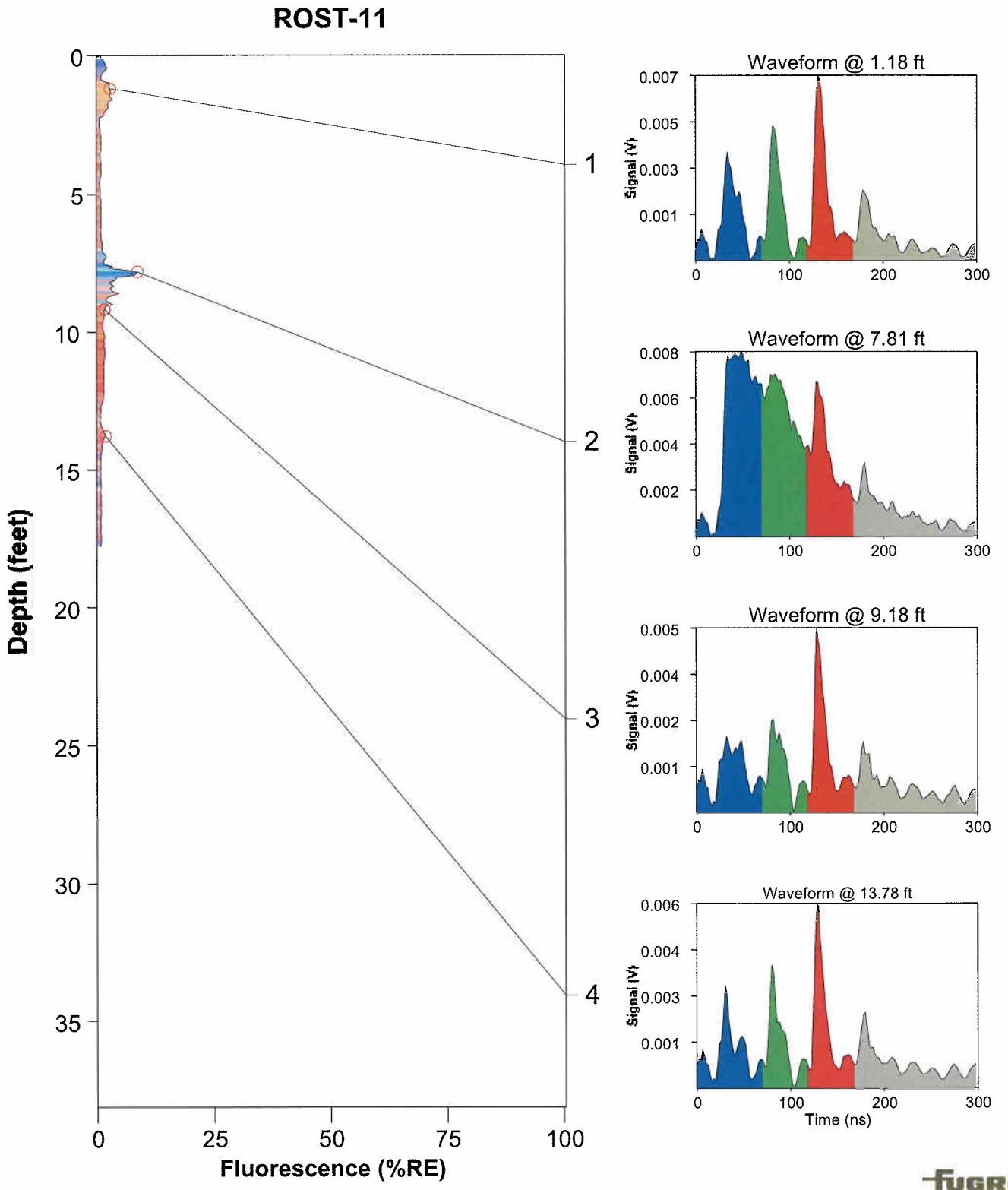
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 2:51:53 PM	Max fluorescence: 32.64% @ 7.61 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

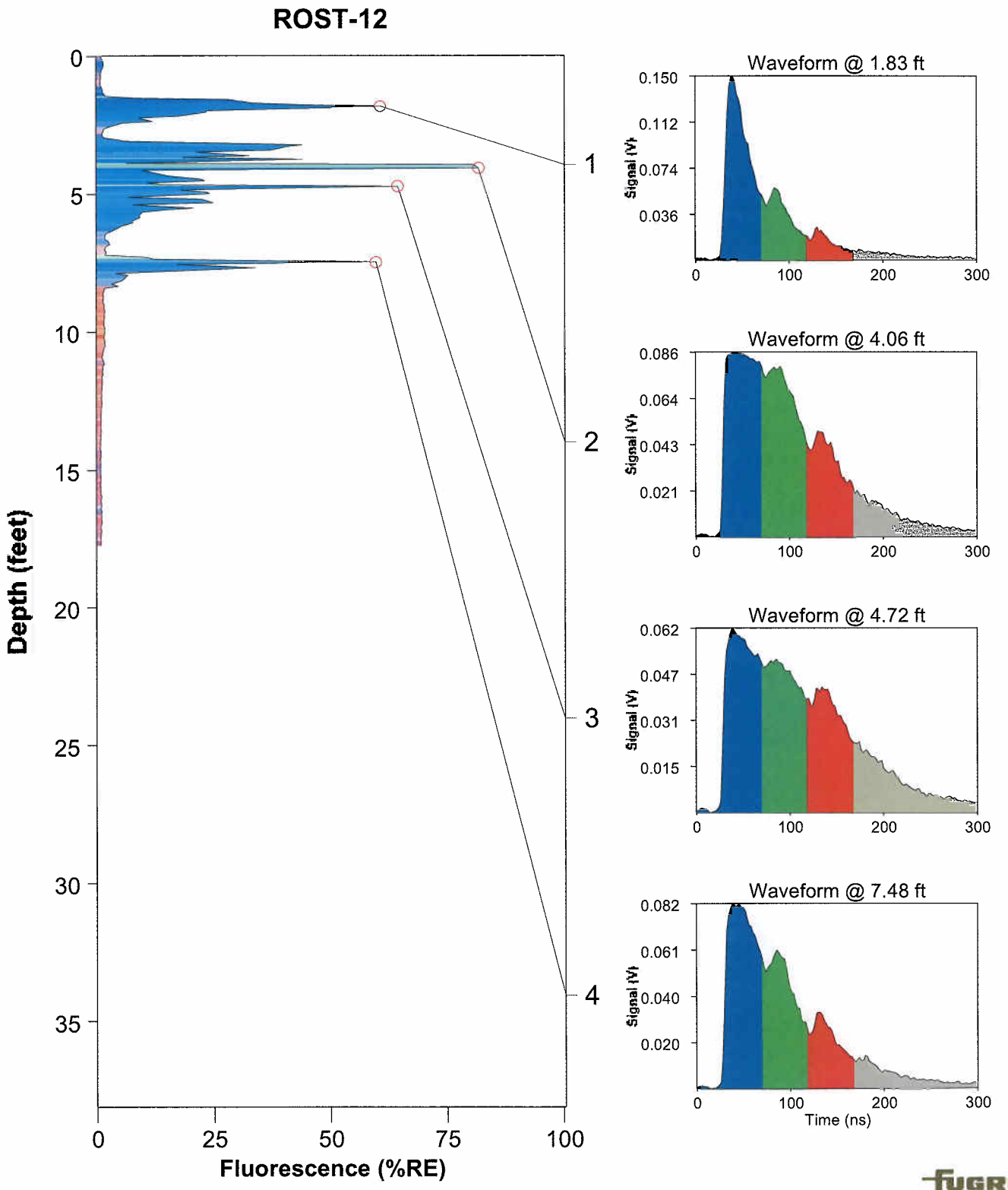
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 3:09:39 PM	Max fluorescence: 8.34% @ 7.81 ft
ROST Unit: VI	Final depth BGS: 17.78 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 3:27:56 PM	Max fluorescence: 81.55% @ 4.06 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

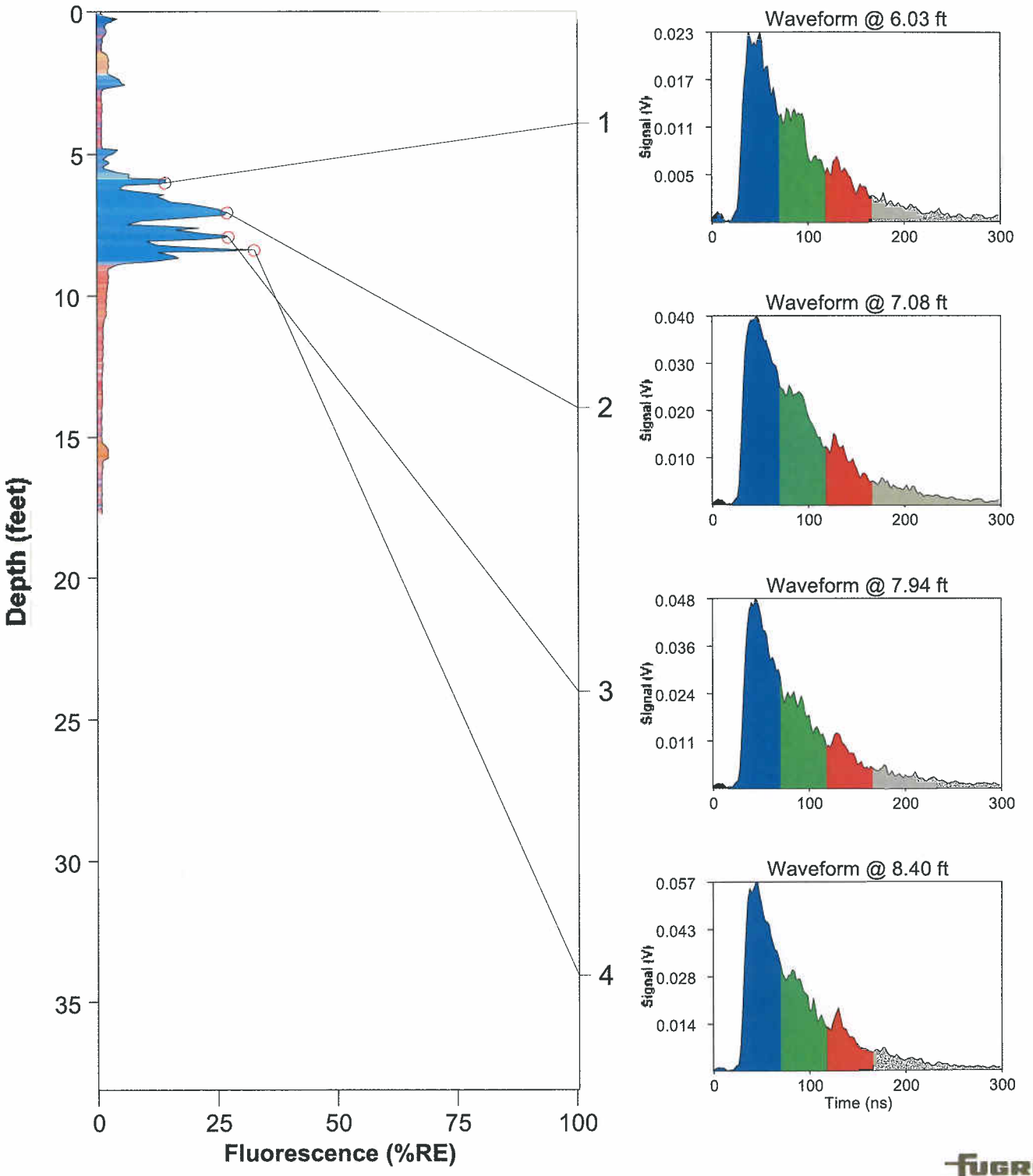


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 3:44:04 PM	Max fluorescence: 32.35% @ 8.40 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

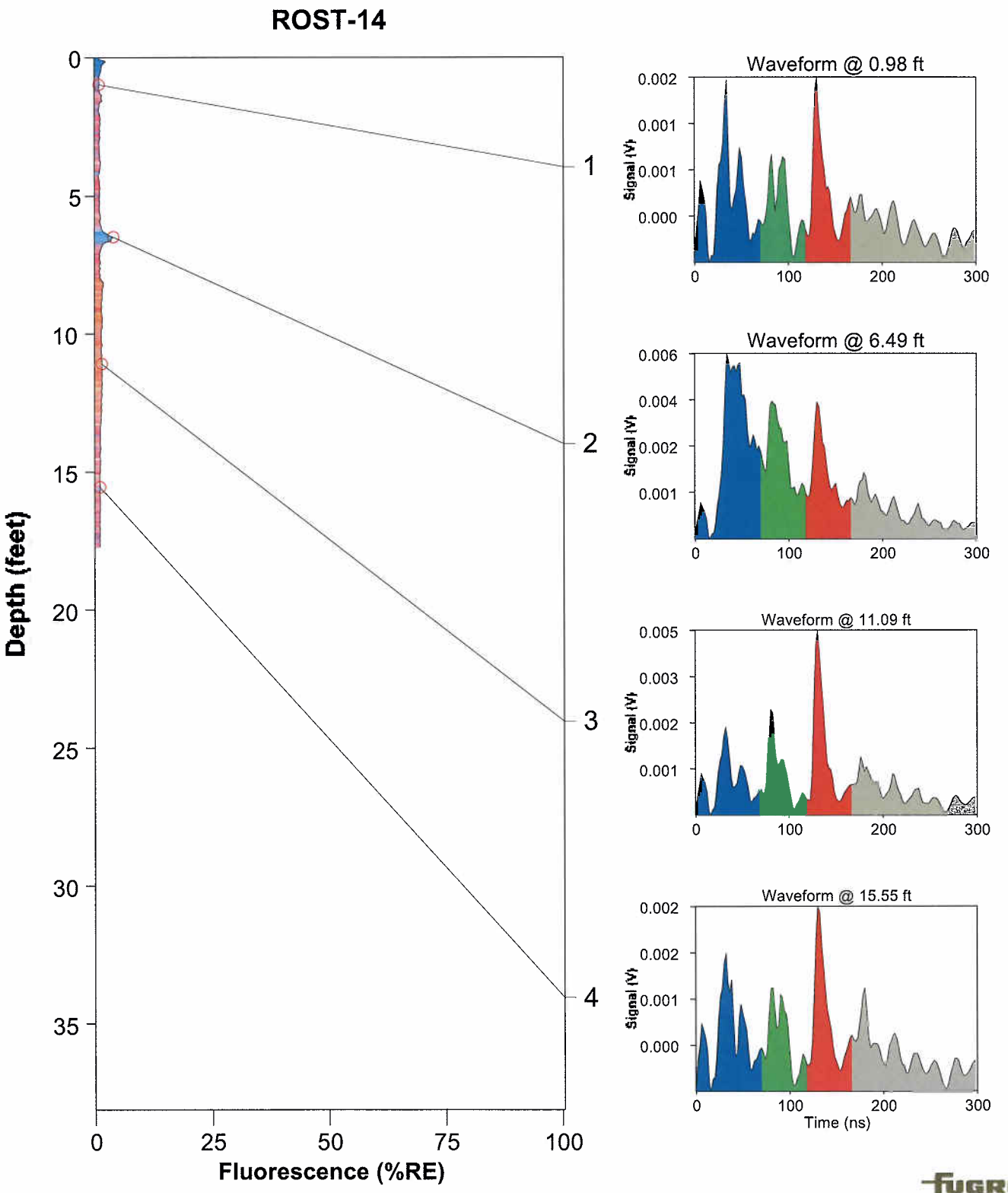
ROST-13



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

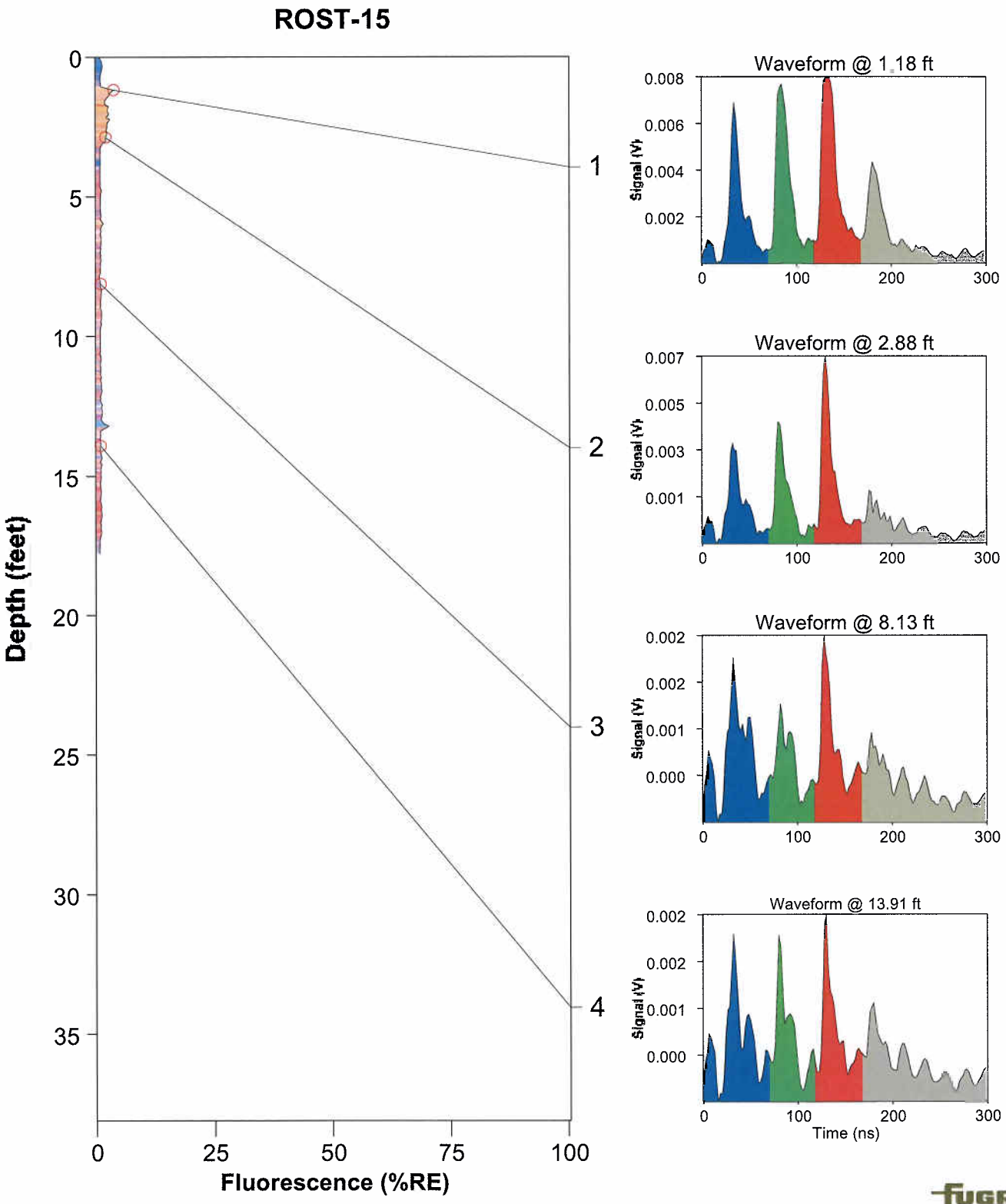
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 4:01:42 PM	Max fluorescence: 3.58% @ 6.49 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

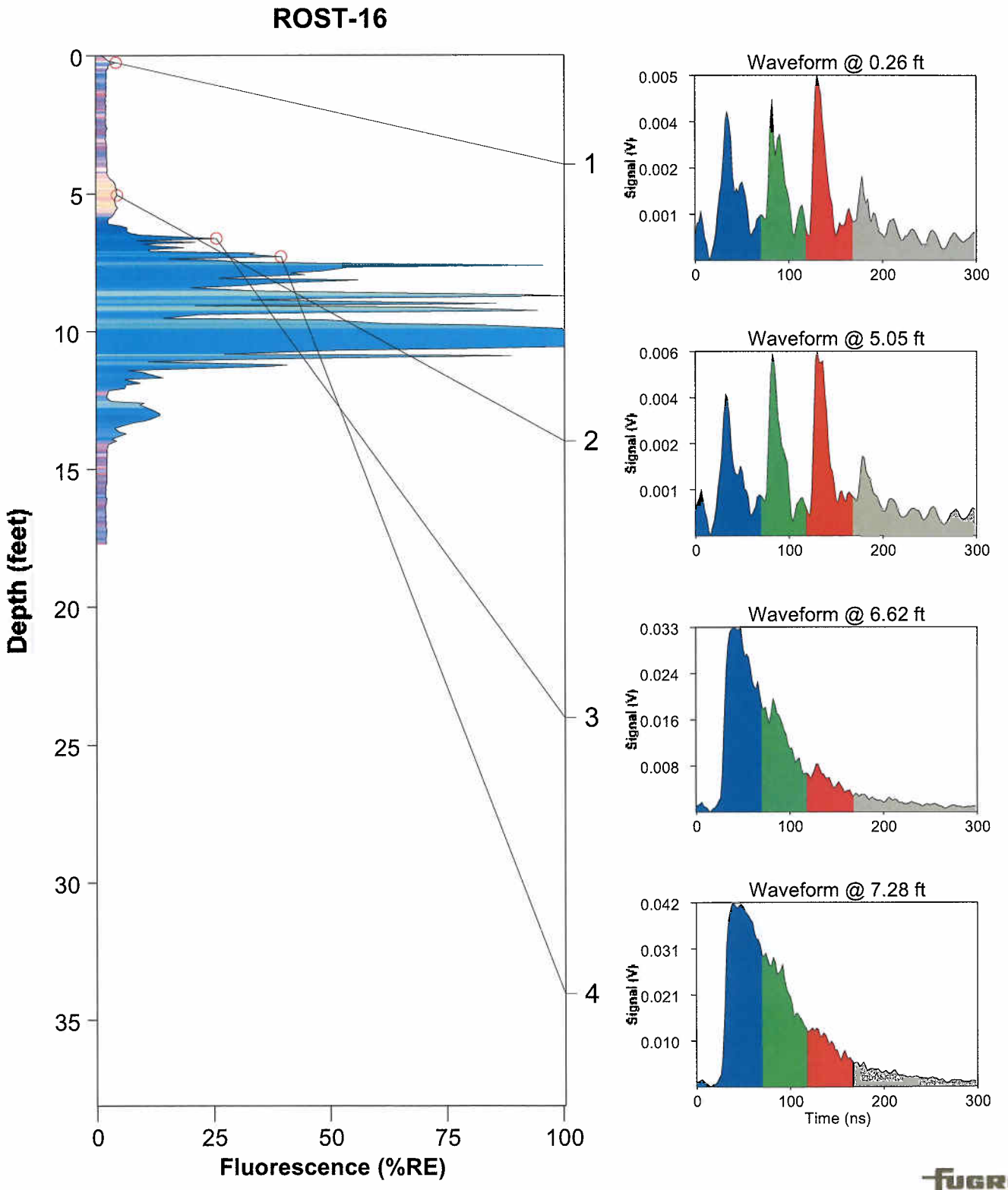
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 1/31/2007 @ 4:21:23 PM	Max fluorescence: 3.46% @ 1.18 ft
ROST Unit: VI	Final depth BGS: 17.78 ft



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ROST Fluorescence Response Data

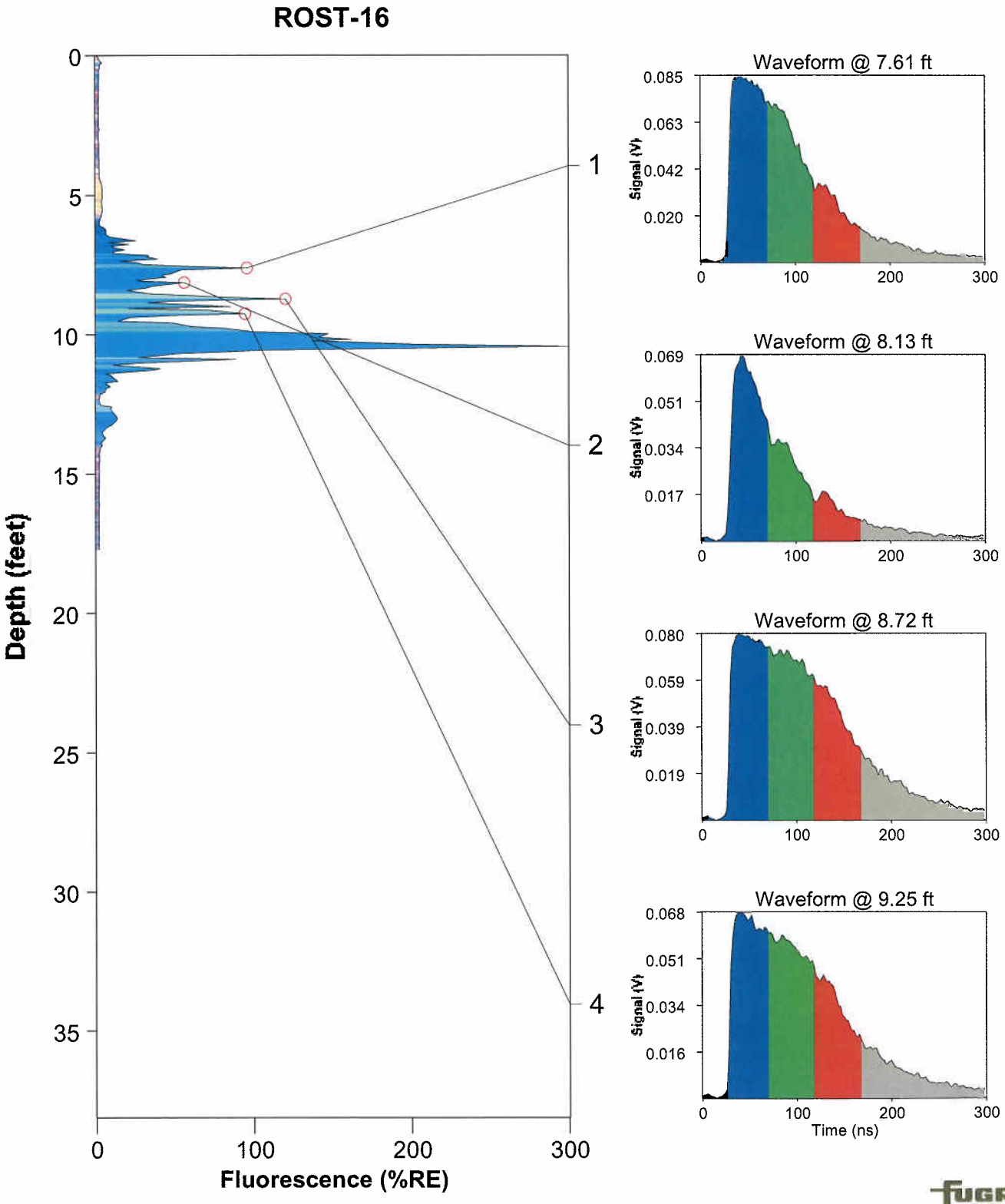
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 8:44:16 AM	Max fluorescence: 317.41% @ 10.43 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

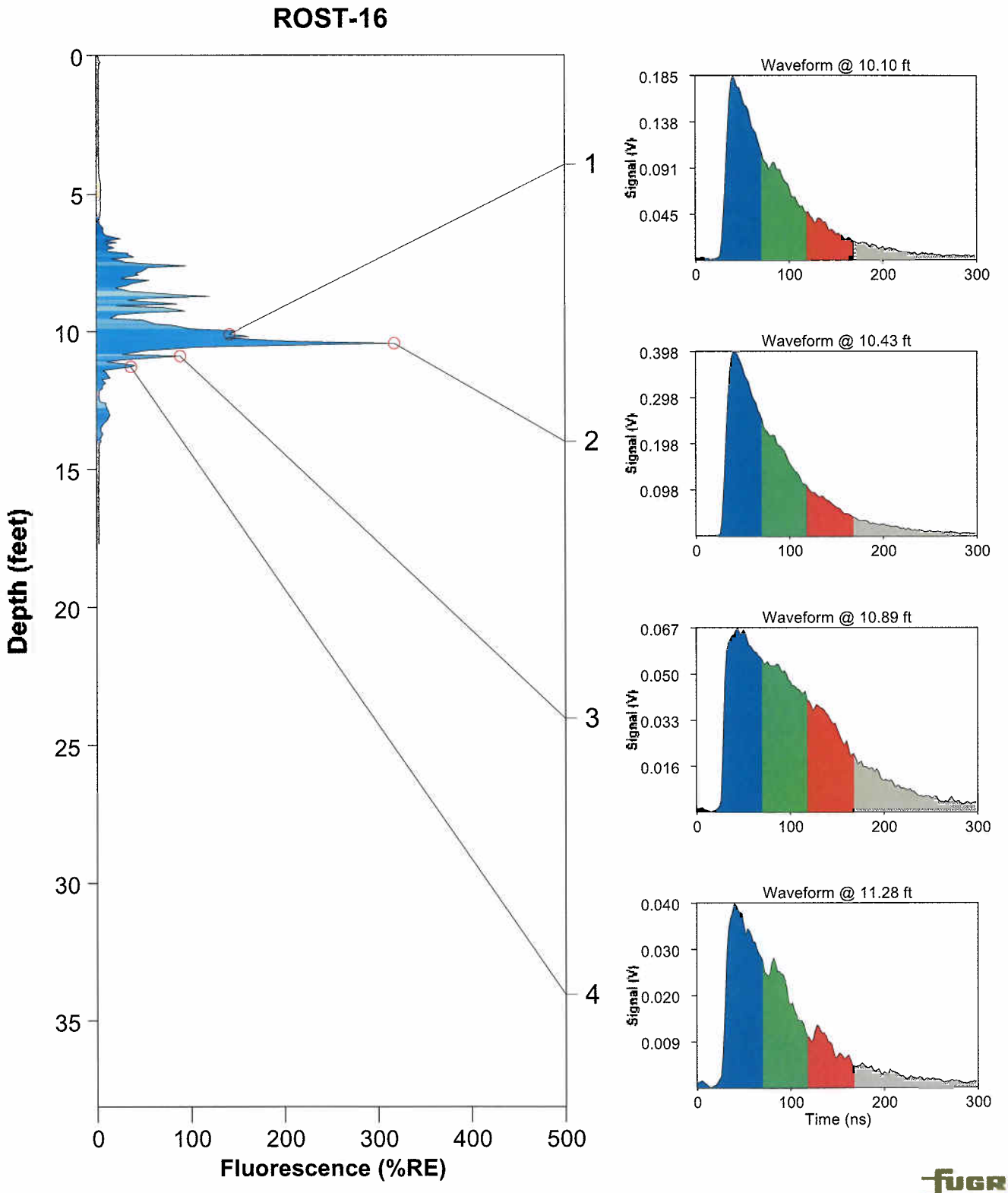
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 8:44:16 AM	Max fluorescence: 317.41% @ 10.43 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

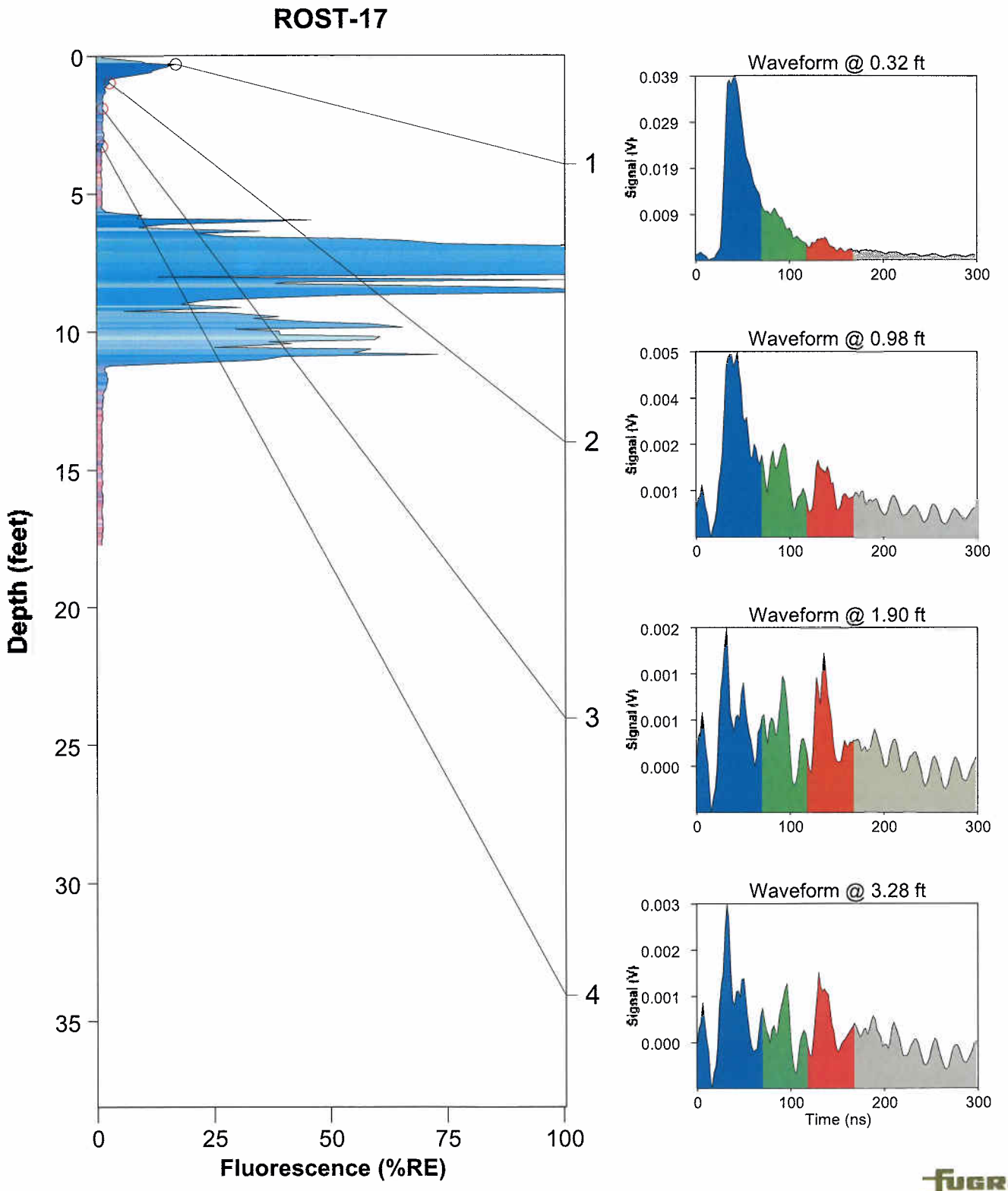
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 8:44:16 AM	Max fluorescence: 317.41% @ 10.43 ft
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ROST Fluorescence Response Data

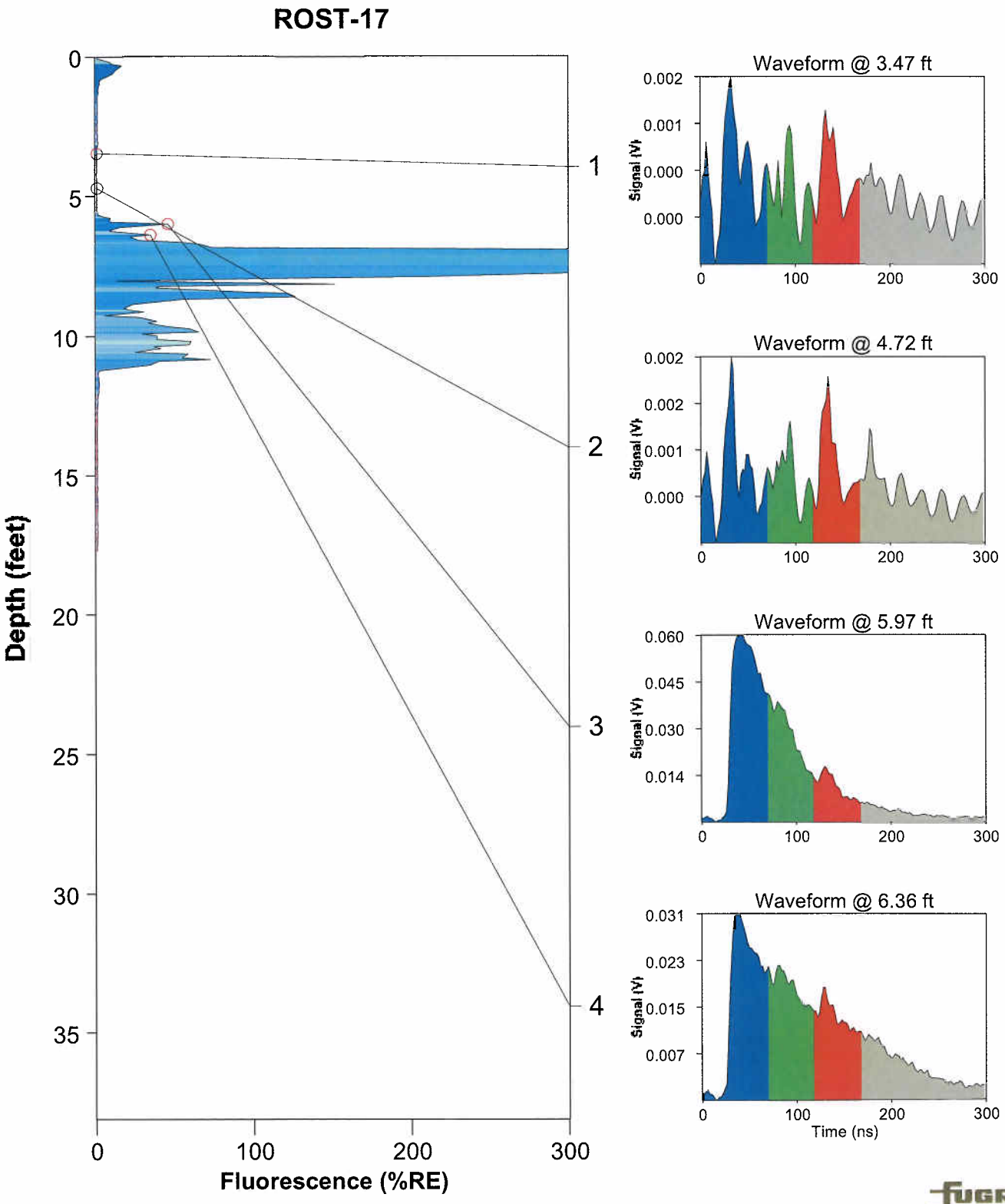
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:01:56 AM	Max fluorescence: 795.05% @ 7.15 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

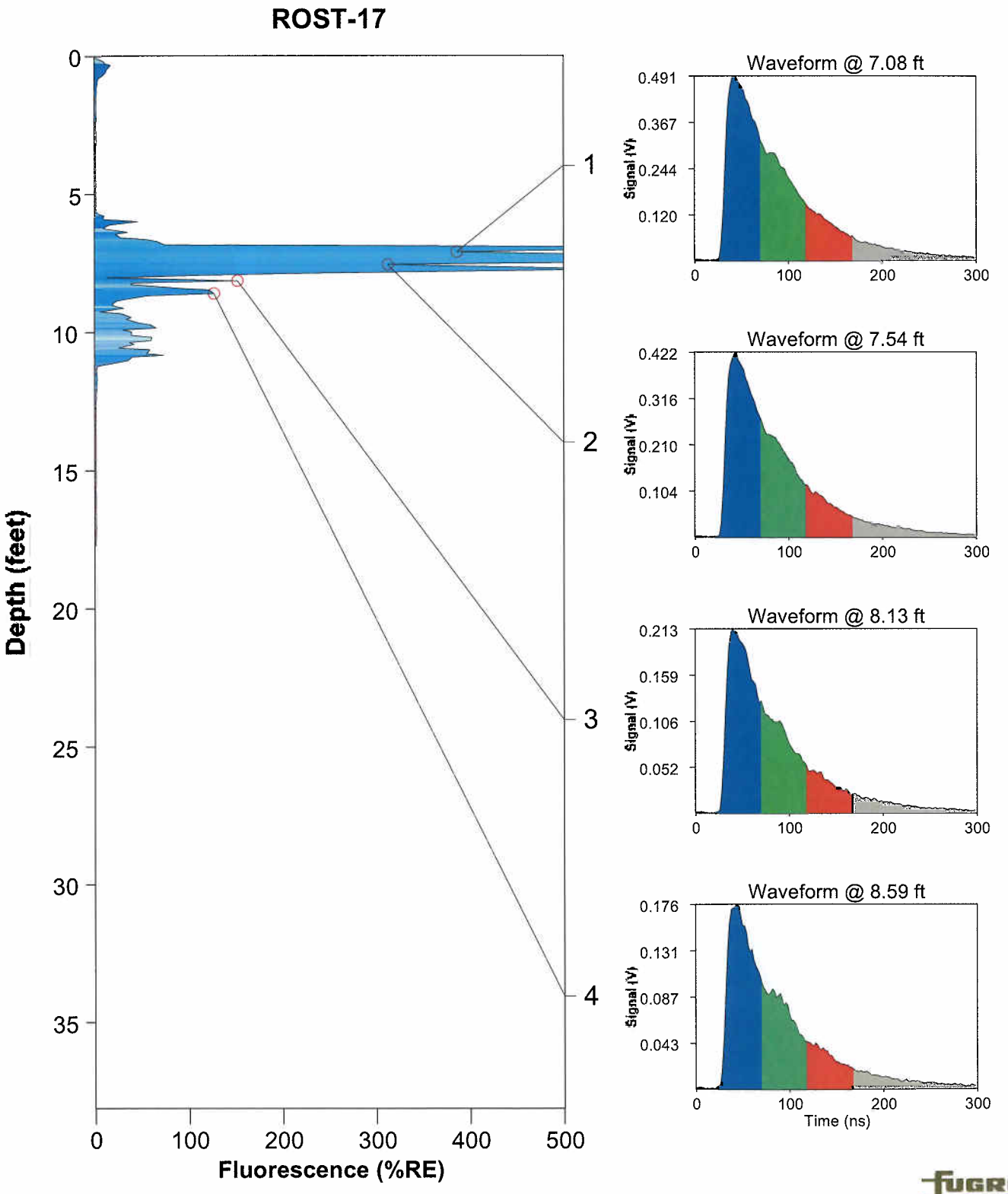
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:01:56 AM	Max fluorescence: 795.05% @ 7.15 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

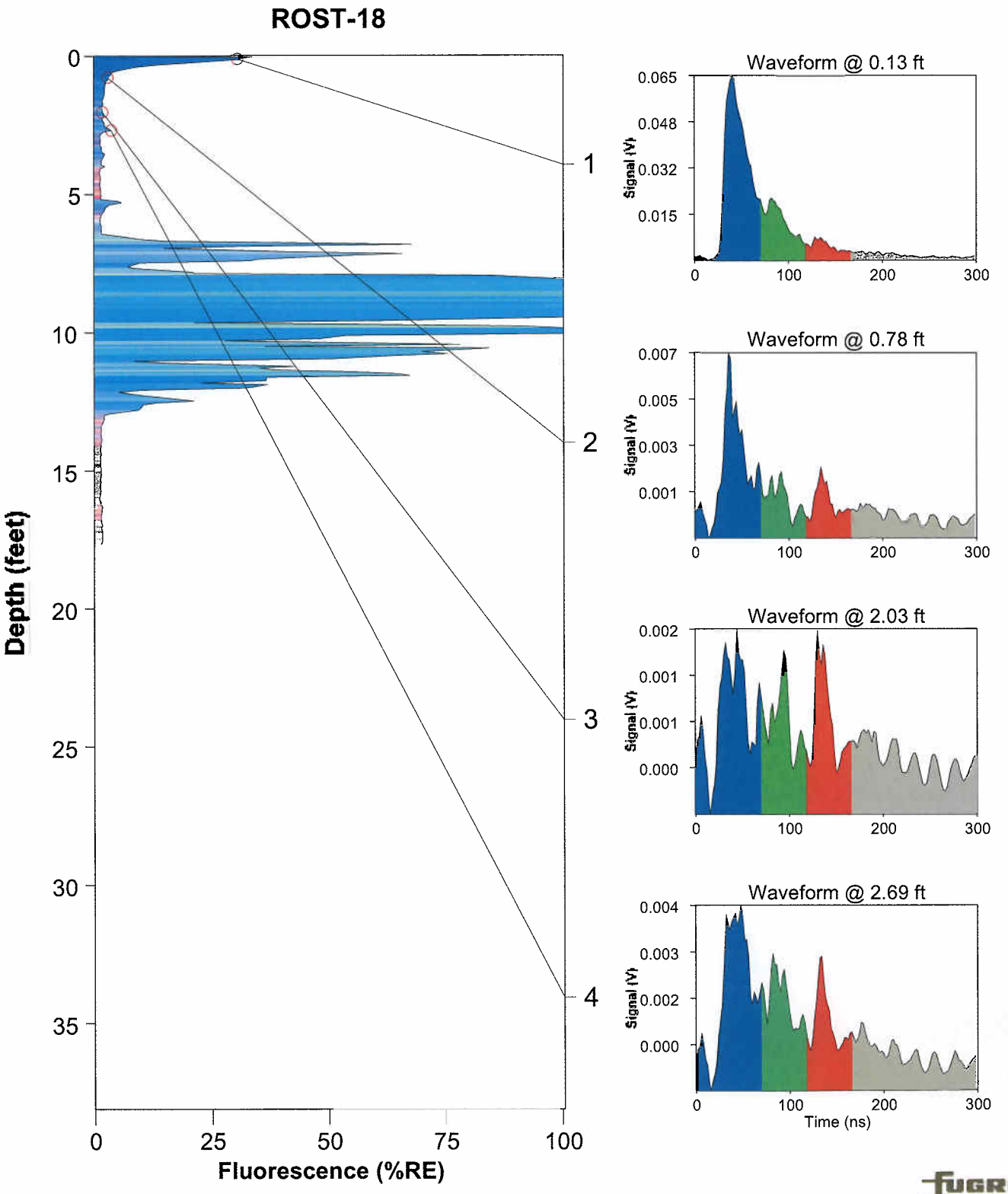
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:01:56 AM	Max fluorescence: 795.05% @ 7.15 ft
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ROST Fluorescence Response Data

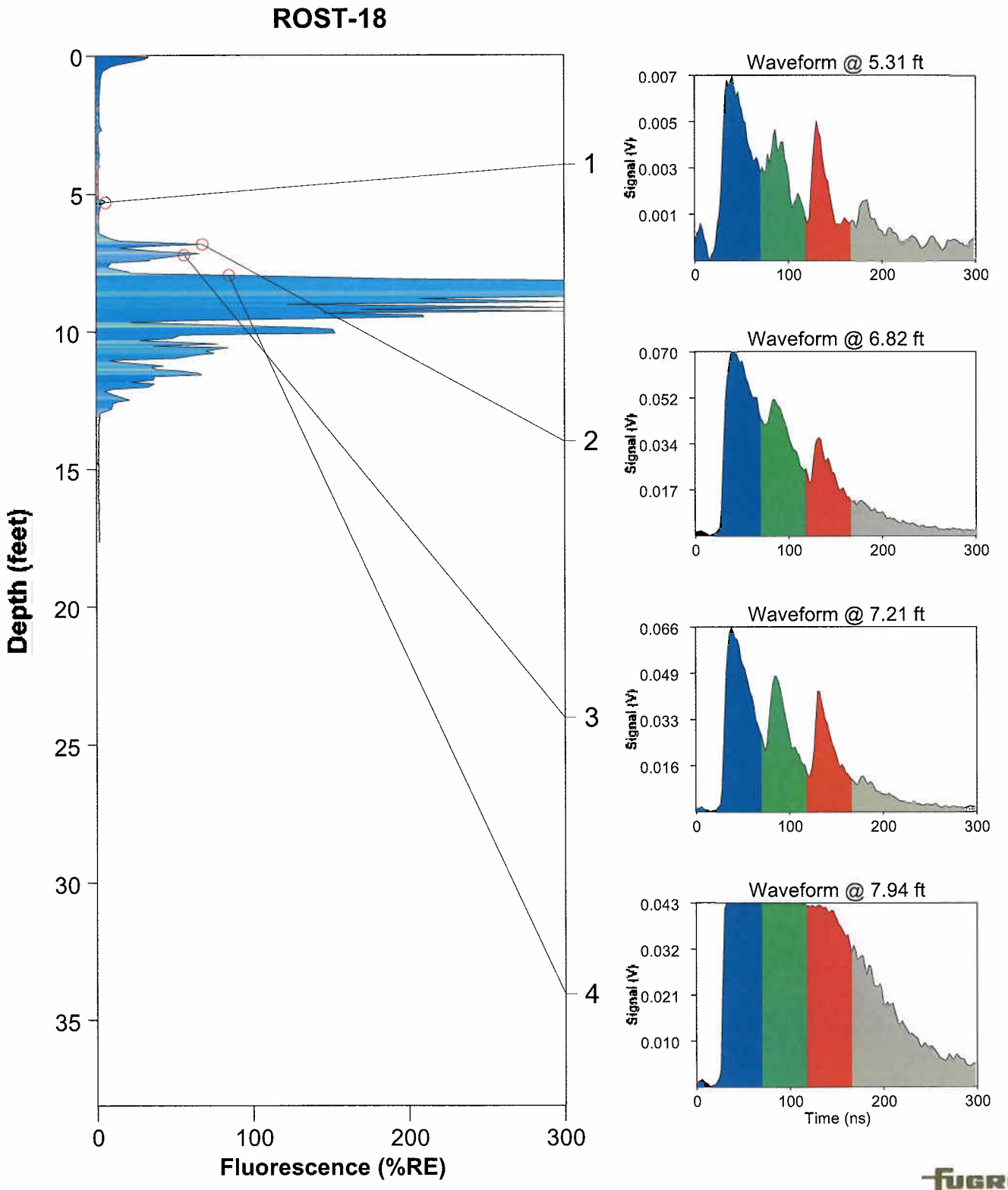
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:19:35 AM	Max fluorescence: 905.00% @ 8.66 ft
ROST Unit: VI	Final depth BGS: 17.65 ft



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ROST Fluorescence Response Data

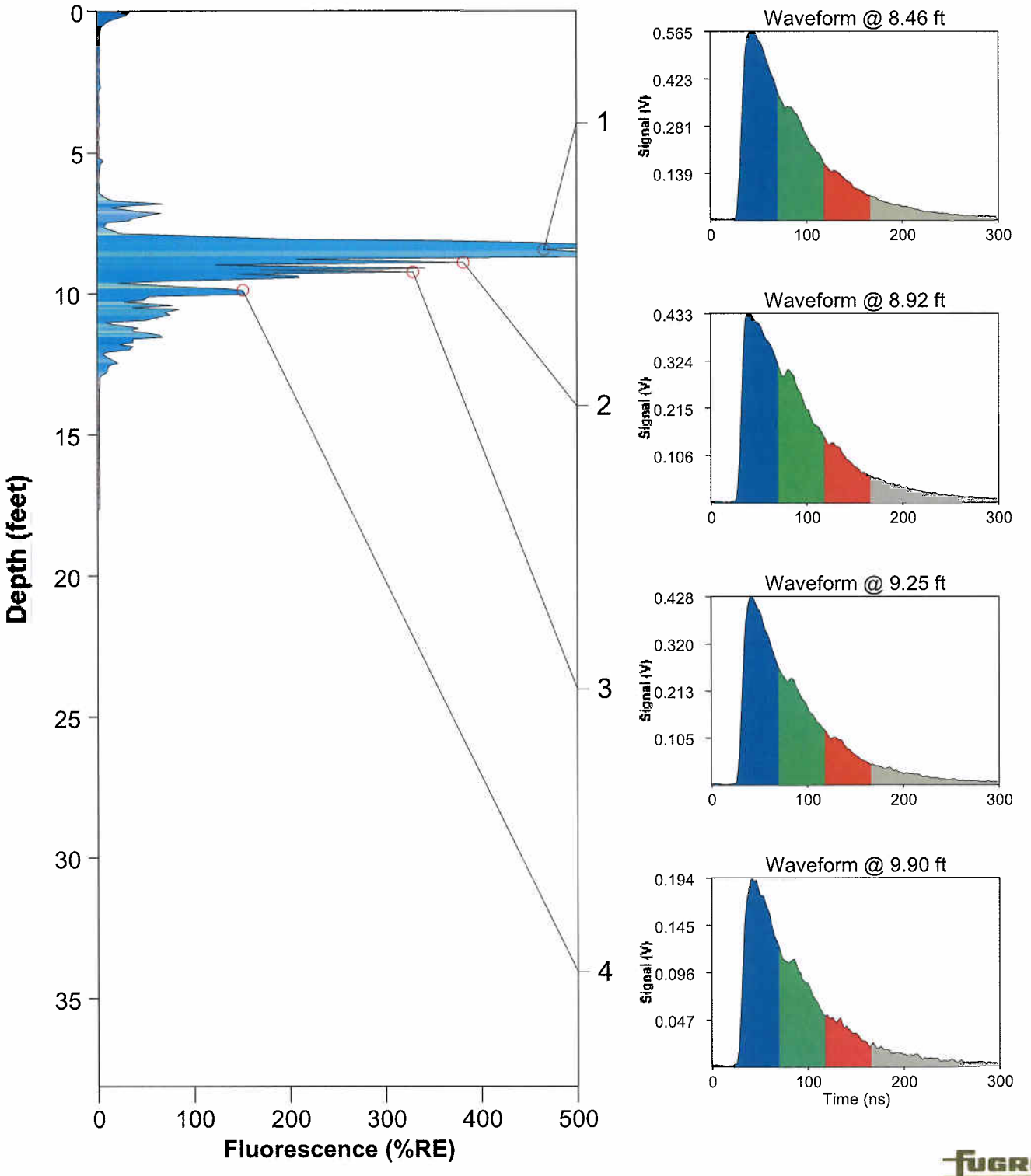
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:19:35 AM	Max fluorescence: 905.00% @ 8.66 ft
ROST Unit: VI	Final depth BGS: 17.65 ft



ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:19:35 AM	Max fluorescence: 905.00% @ 8.66 ft
ROST Unit: VI	Final depth BGS: 17.65 ft

ROST-18

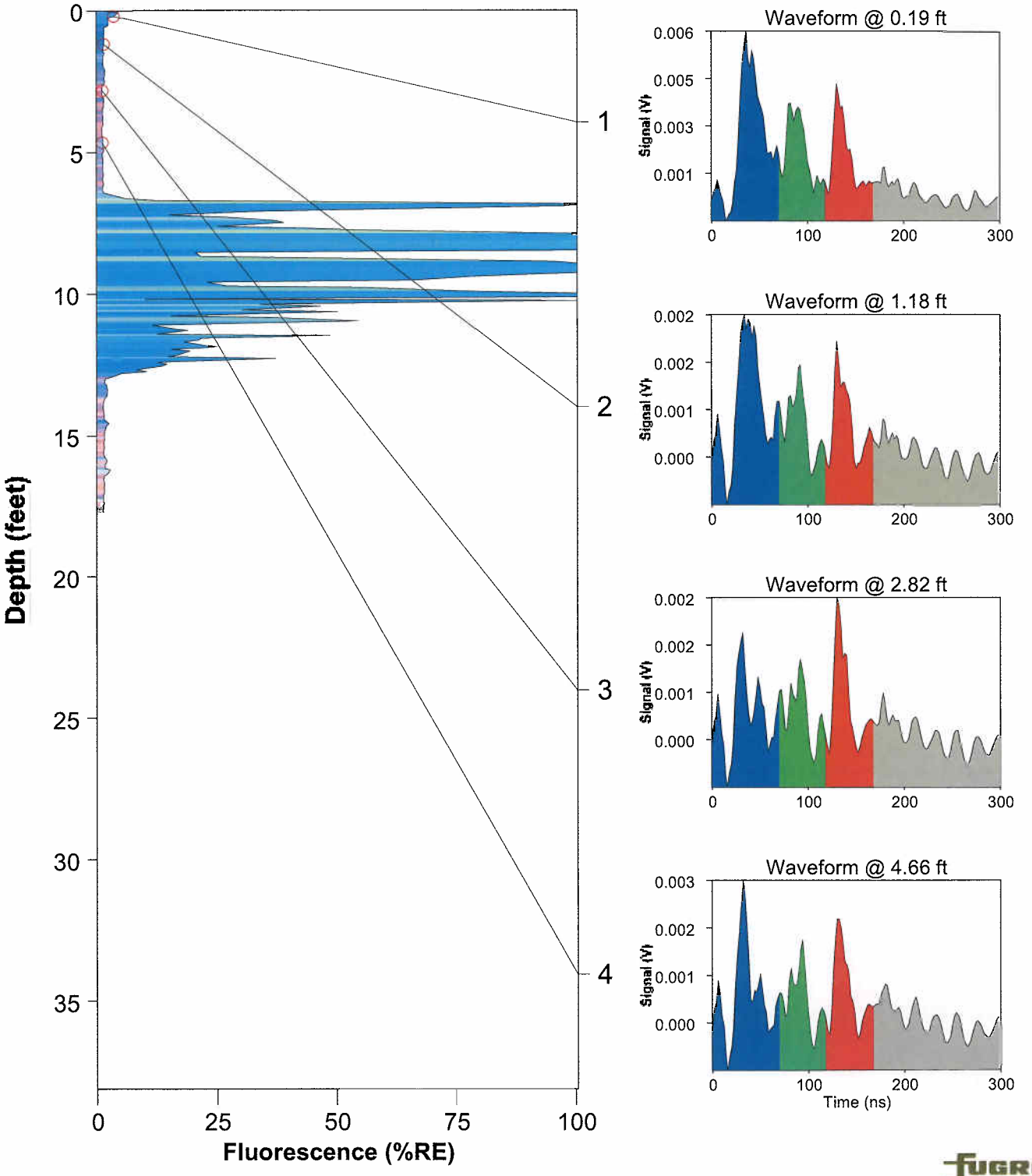


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:41:28 AM	Max fluorescence: 535.35% @ 8.20 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

ROST-19

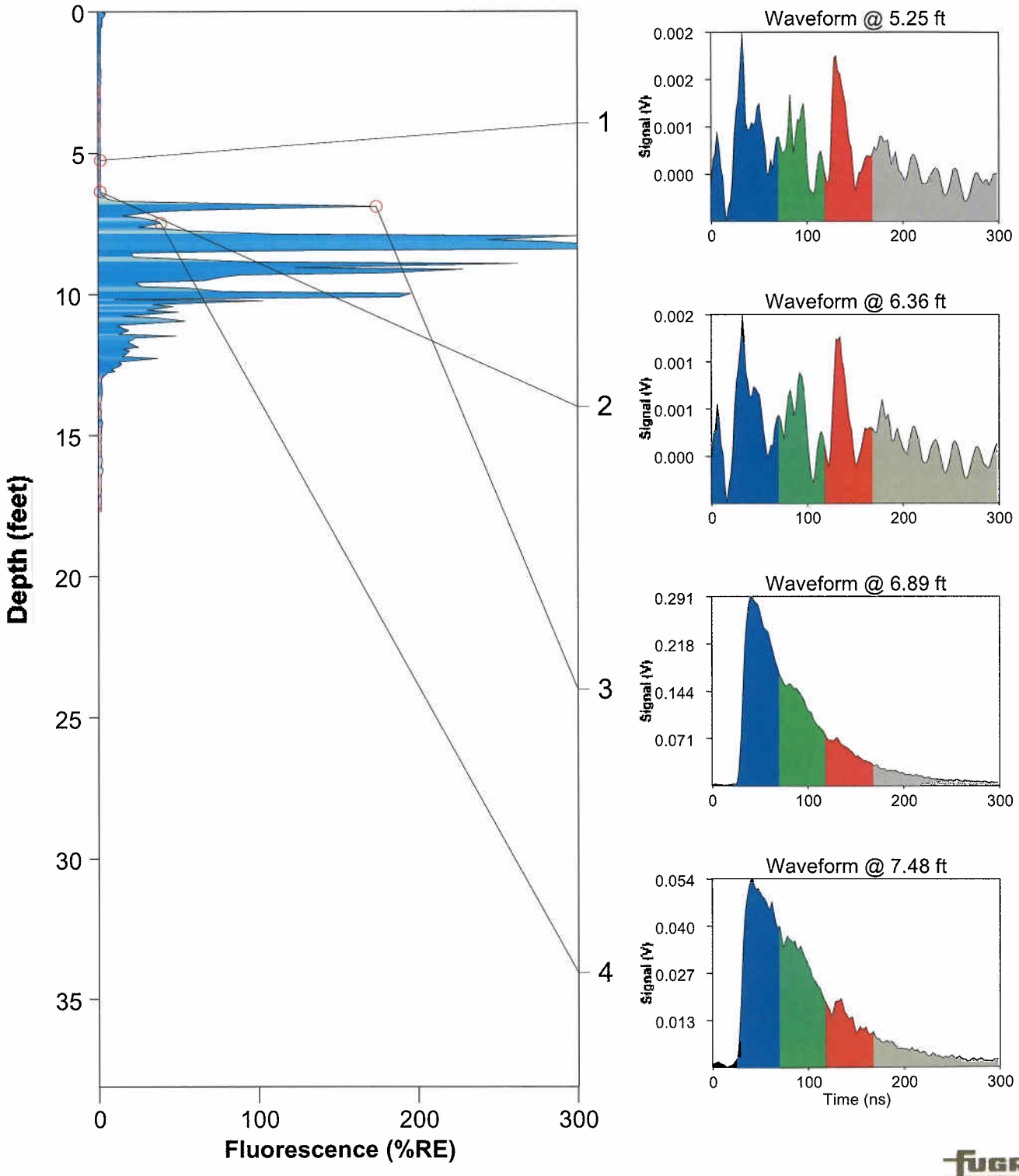


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ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
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ROST Unit: VI	Final depth BGS: 17.71 ft

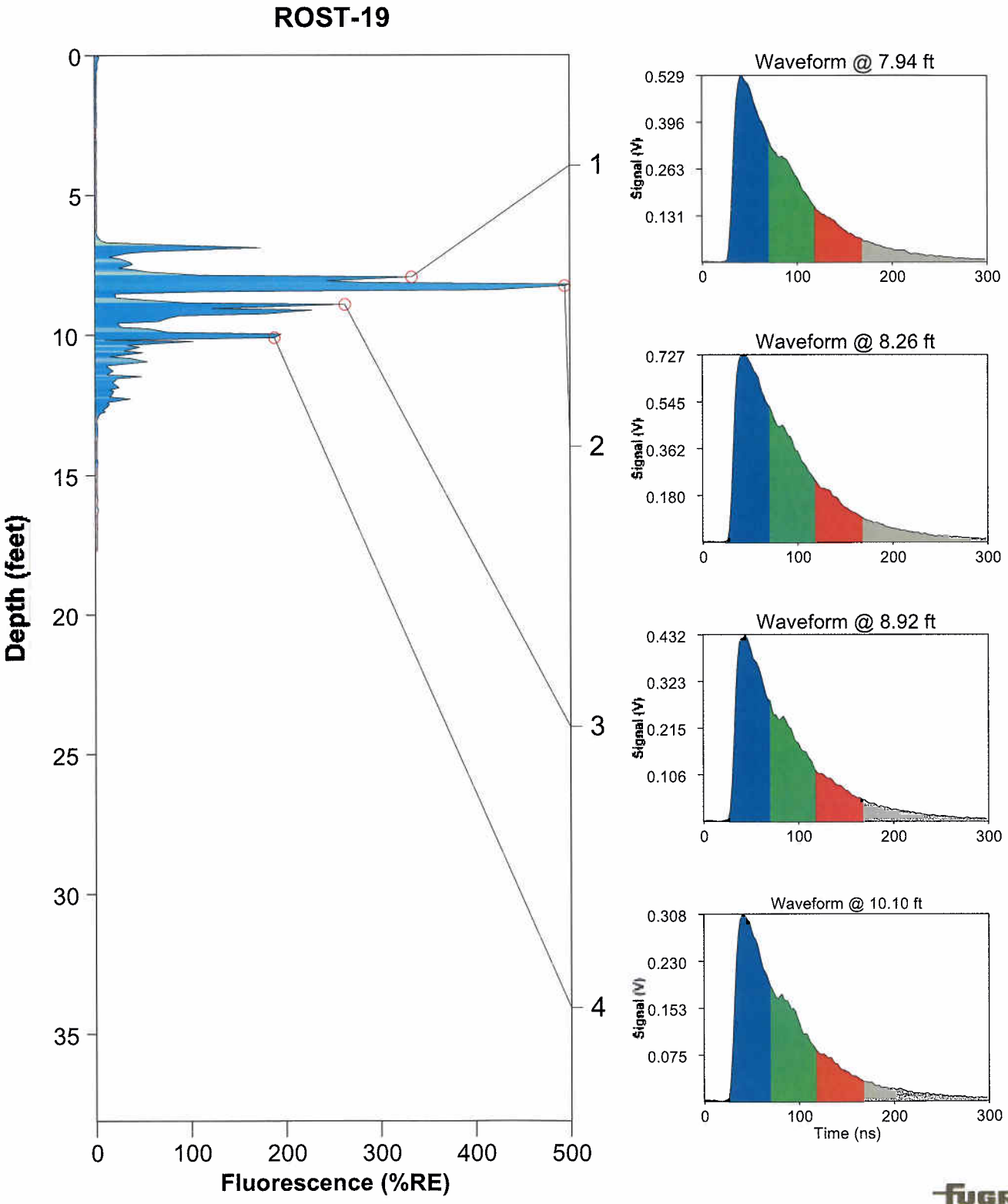
ROST-19



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

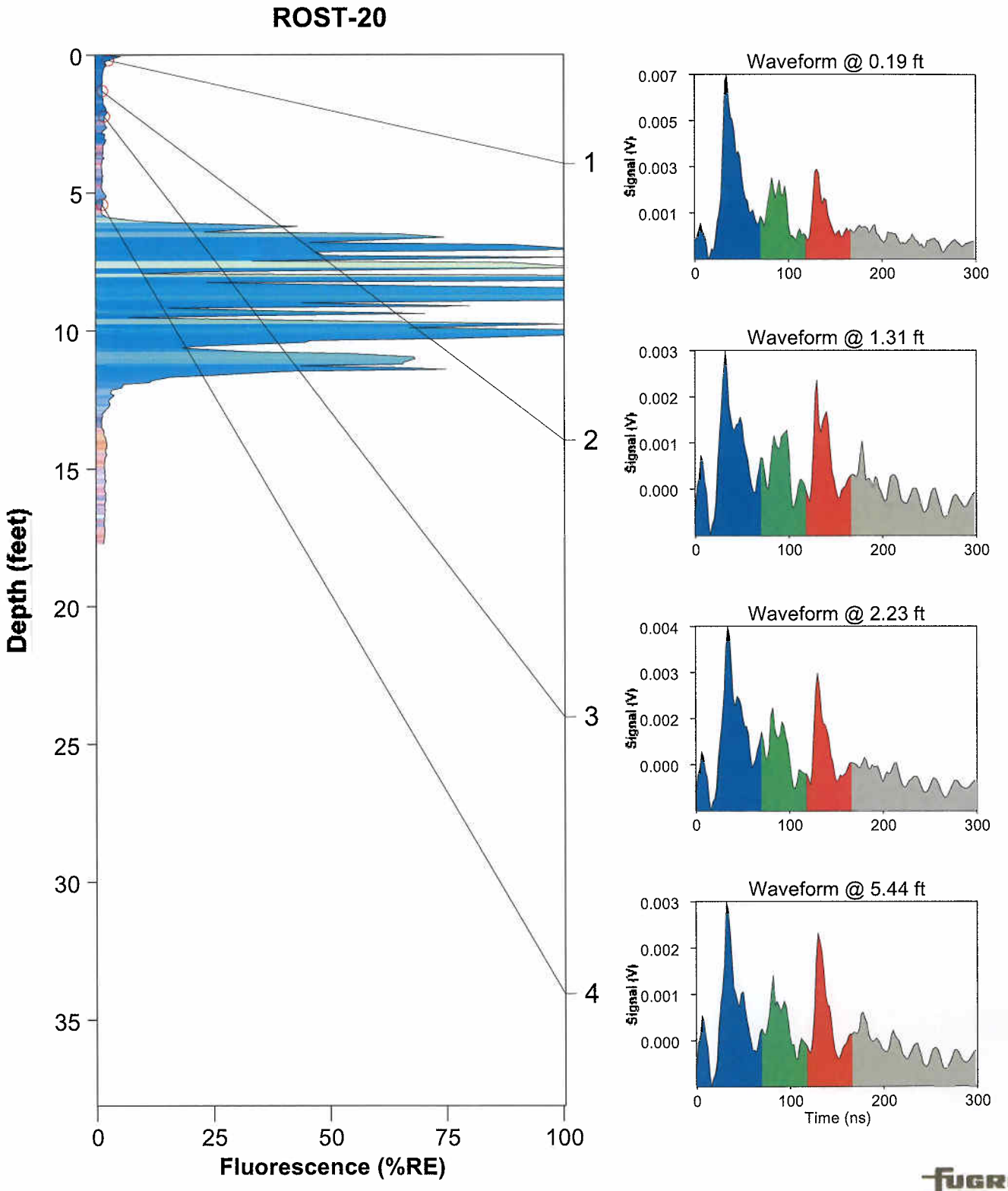
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 9:41:28 AM	Max fluorescence: 535.35% @ 8.20 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

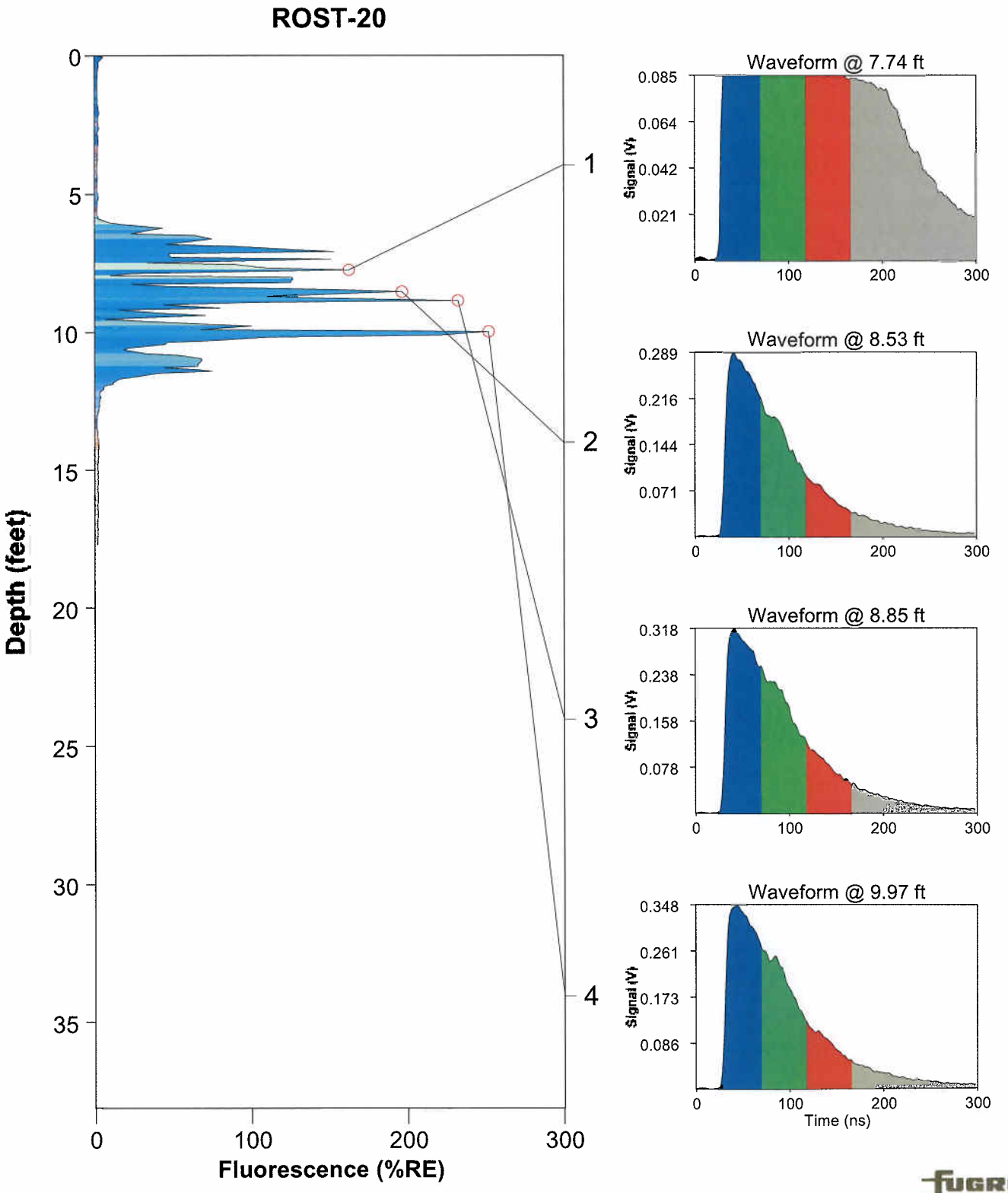
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 10:00:57 AM	Max fluorescence: 251.79% @ 9.97 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

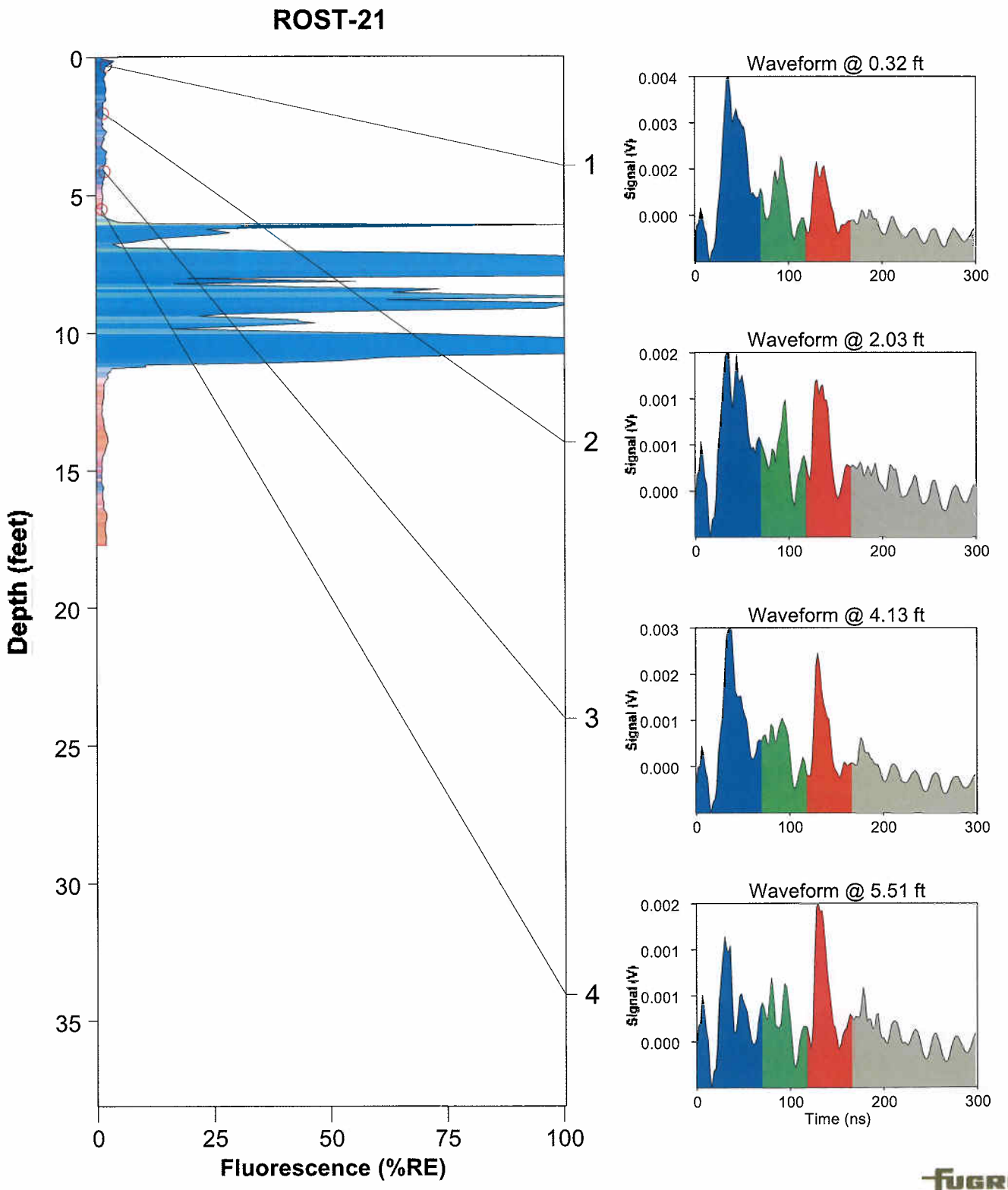
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 10:00:57 AM	Max fluorescence: 251.79% @ 9.97 ft
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Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

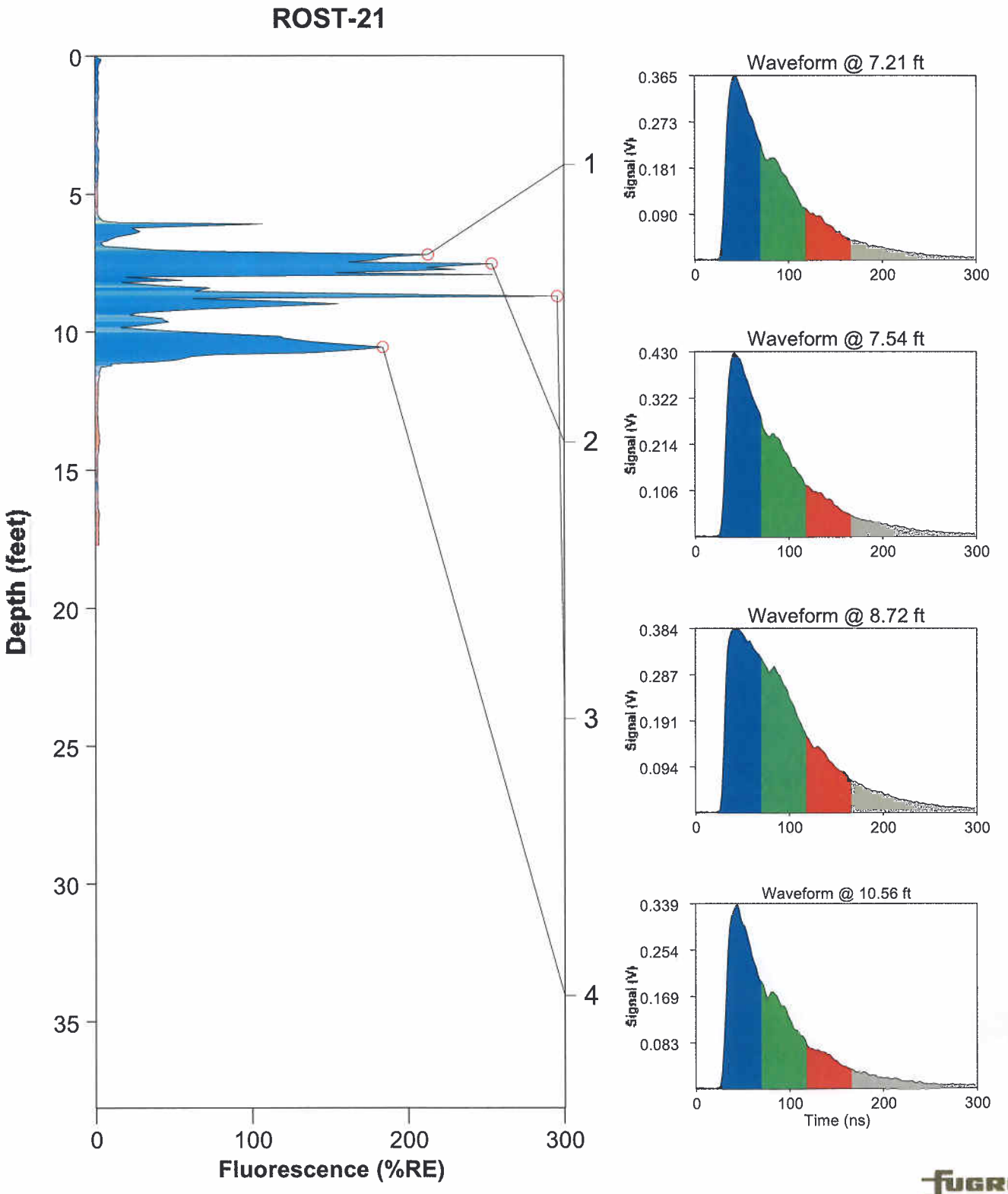
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 10:19:55 AM	Max fluorescence: 295.69% @ 8.72 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

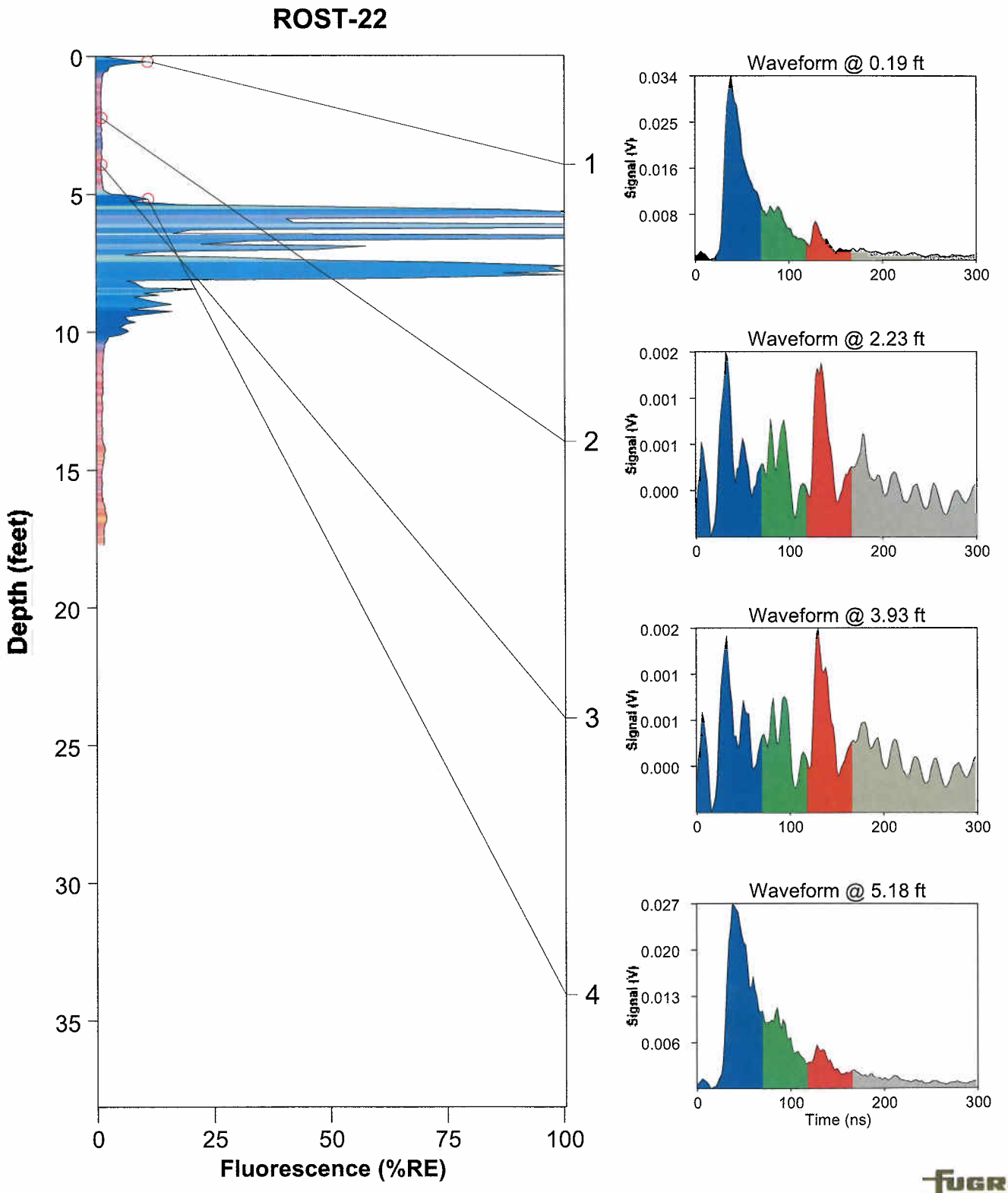
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
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ROST Fluorescence Response Data

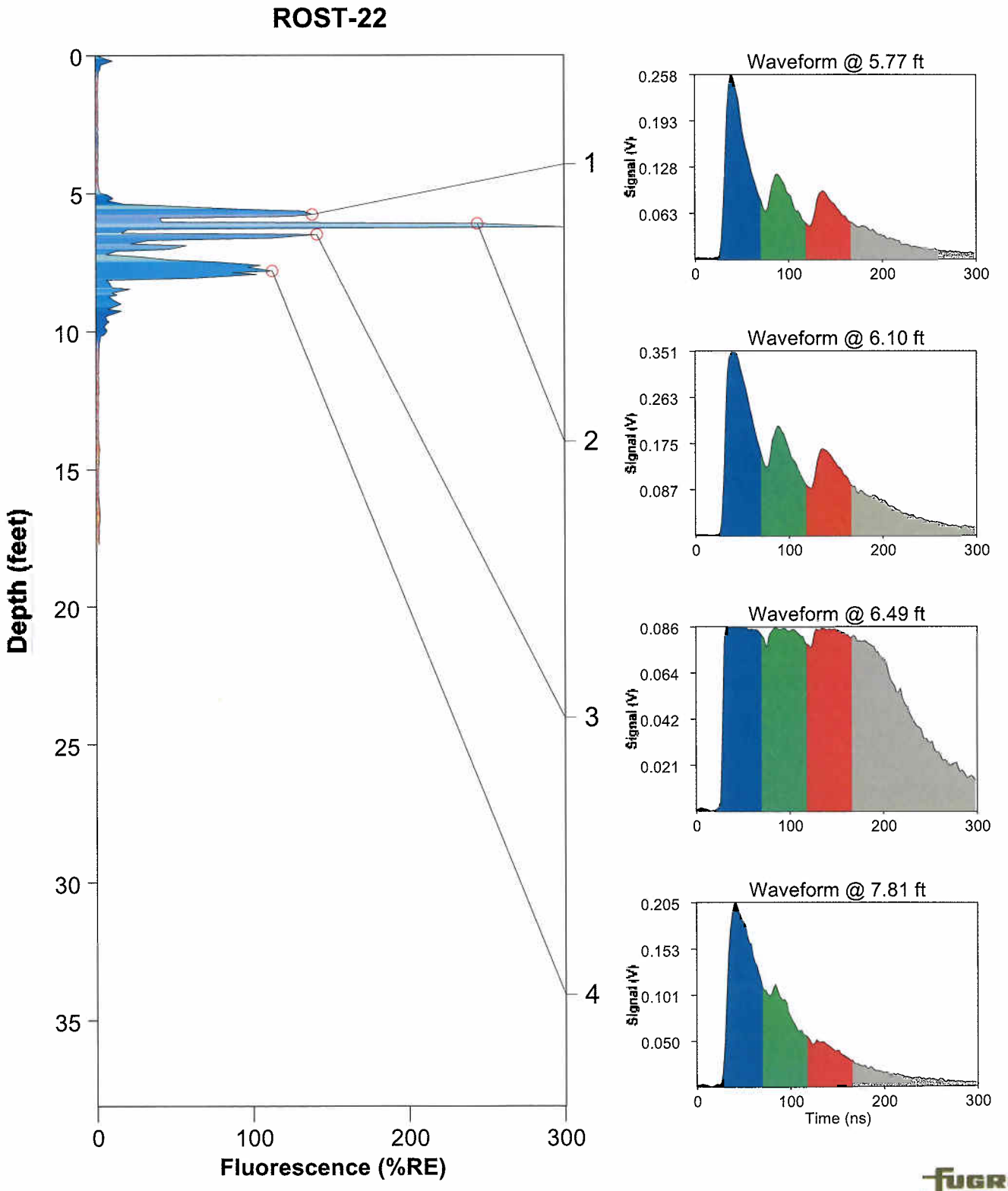
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 10:35:50 AM	Max fluorescence: 334.20% @ 6.23 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

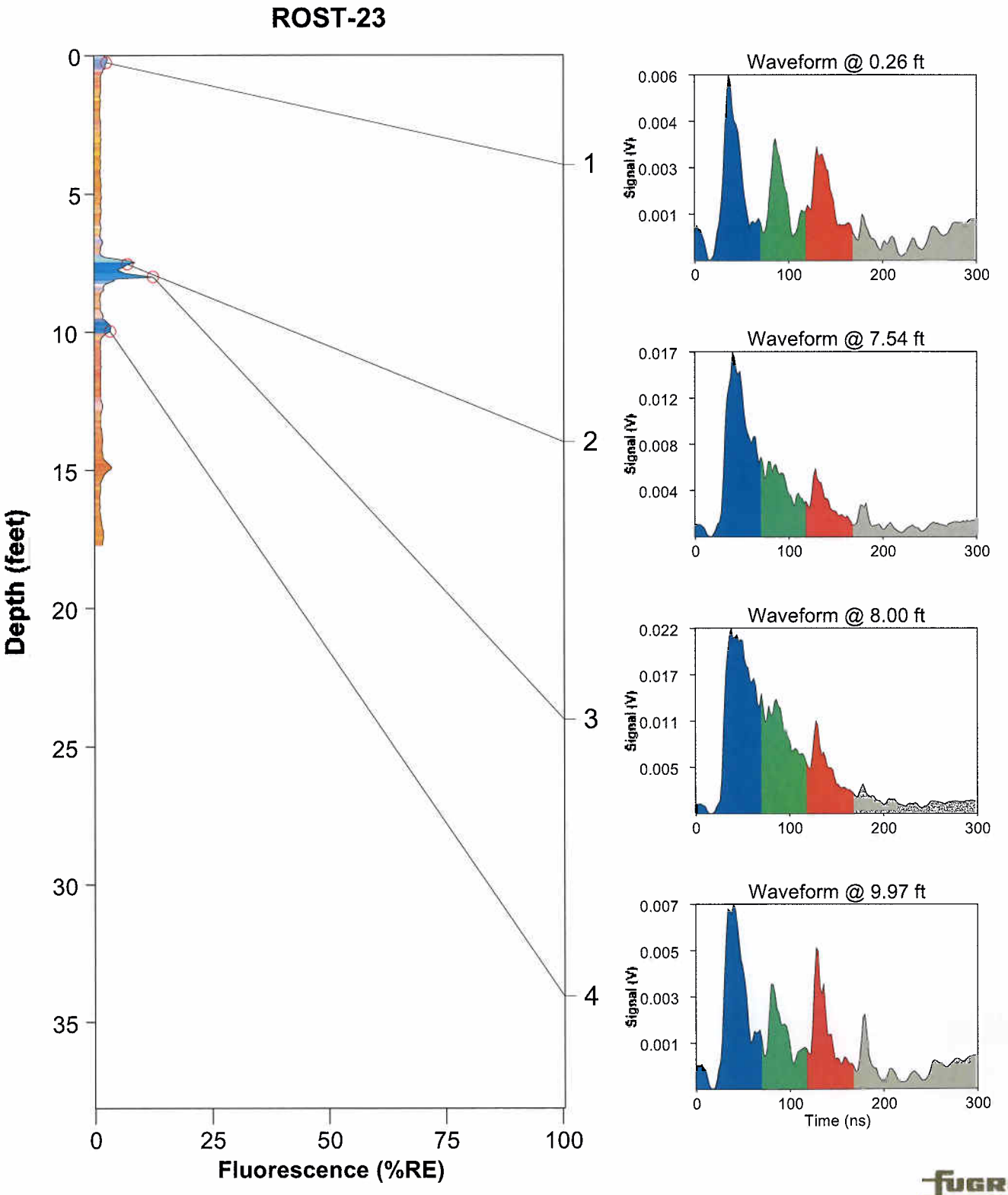
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 10:35:50 AM	Max fluorescence: 334.20% @ 6.23 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

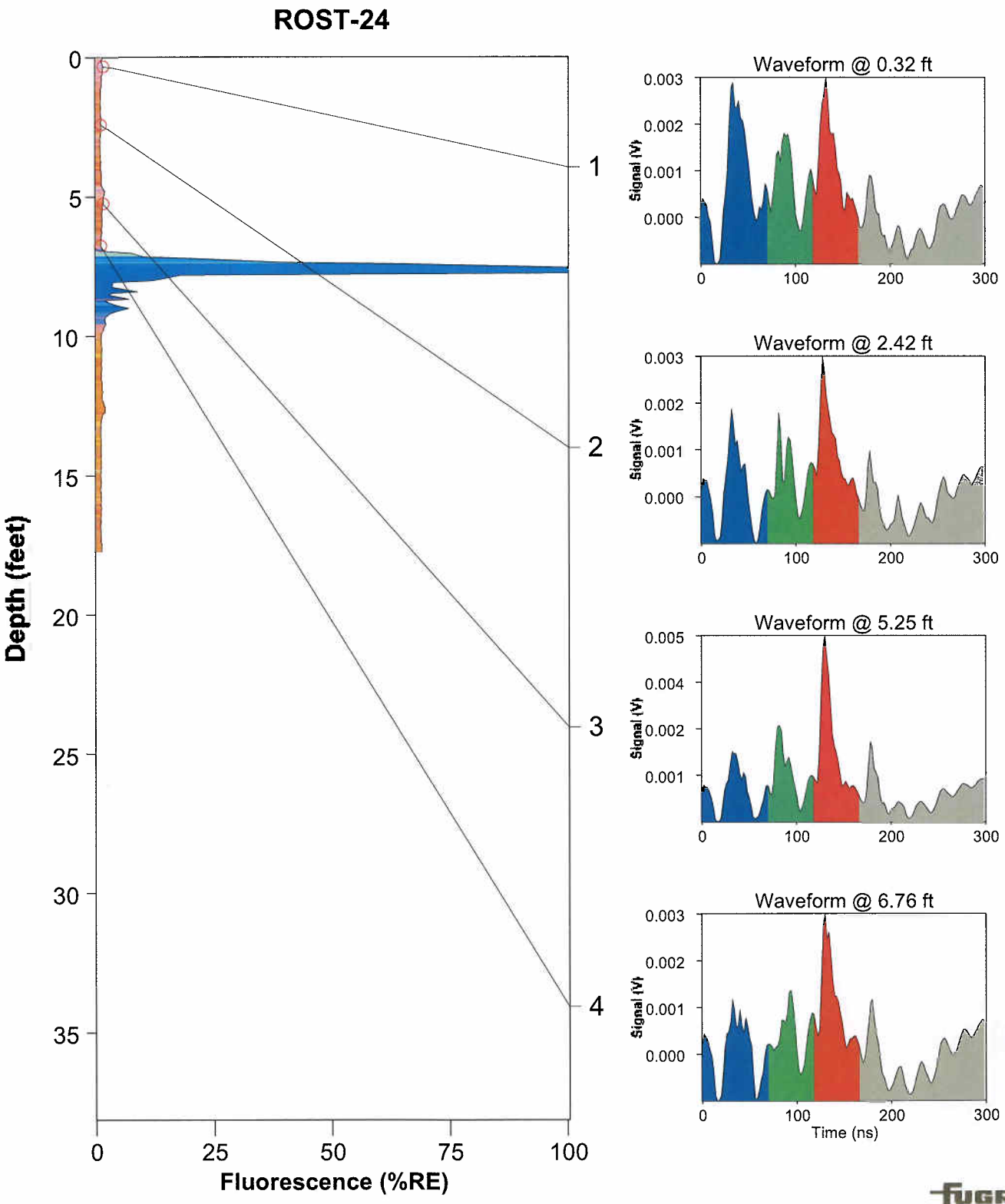
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 11:08:10 AM	Max fluorescence: 12.12% @ 8.00 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

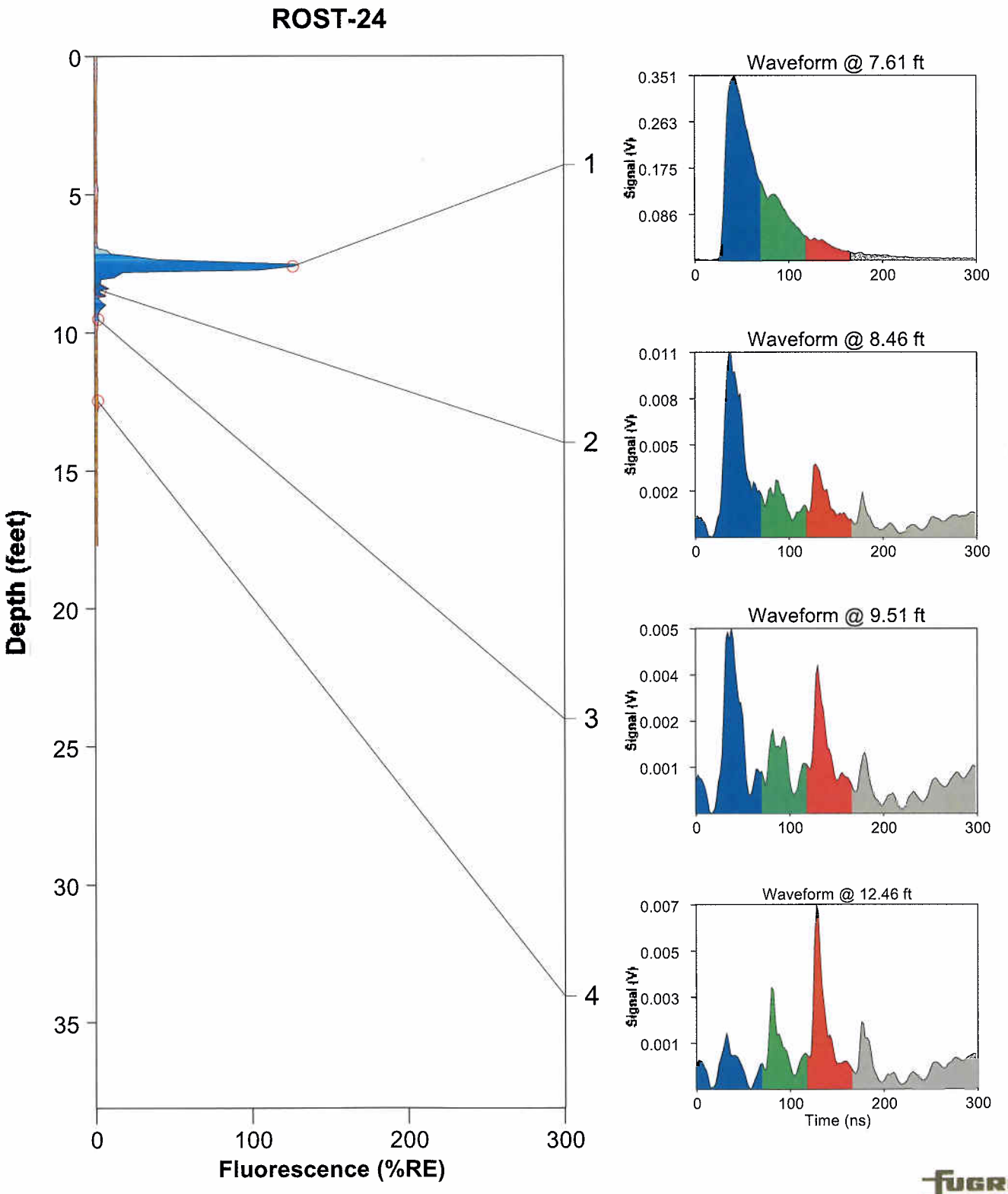
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 11:24:07 AM	Max fluorescence: 130.22% @ 7.54 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

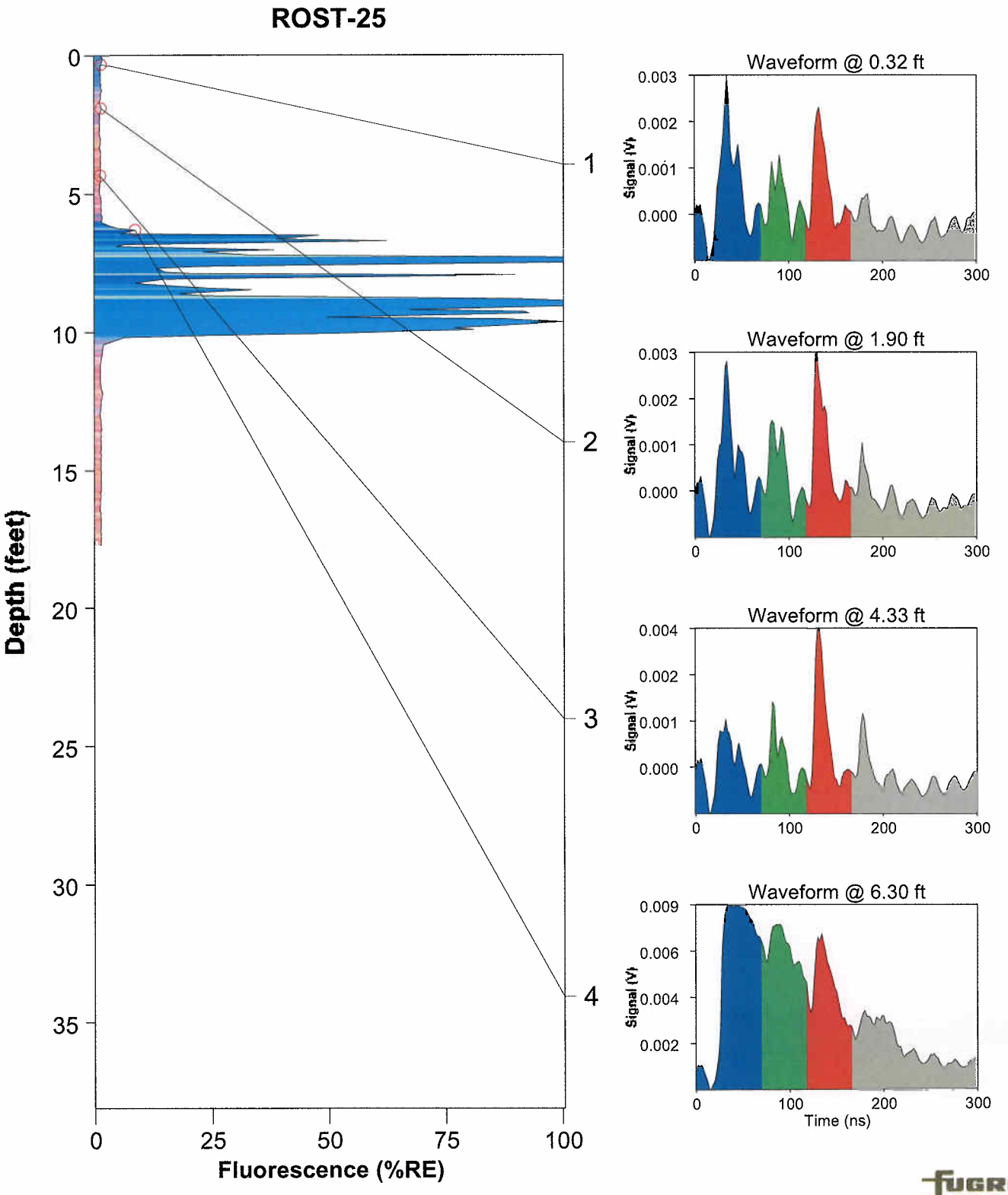
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 11:24:07 AM	Max fluorescence: 130.22% @ 7.54 ft
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ROST Fluorescence Response Data

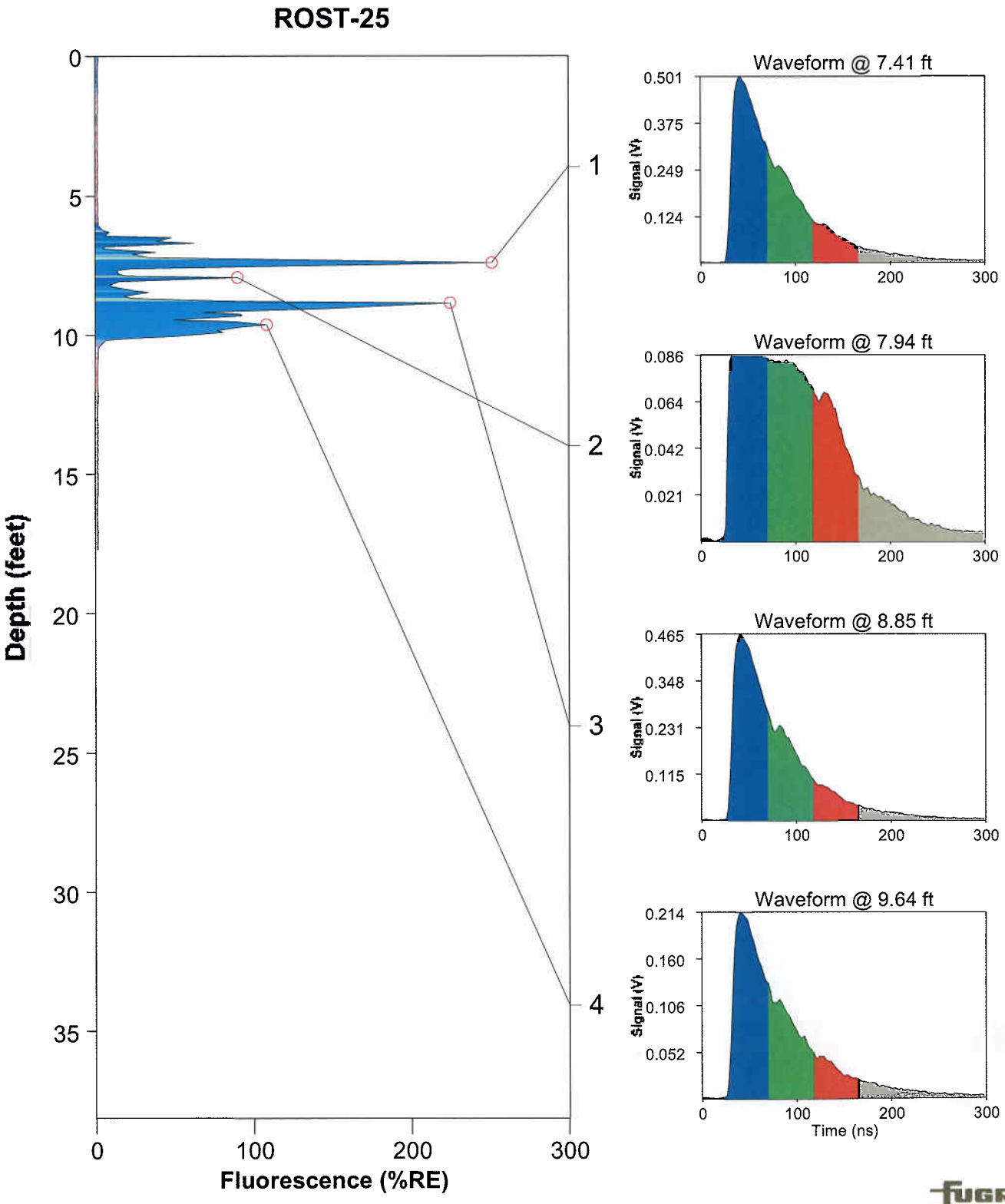
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 11:39:42 AM	Max fluorescence: 251.17% @ 7.41 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



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ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 11:39:42 AM	Max fluorescence: 251.17% @ 7.41 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

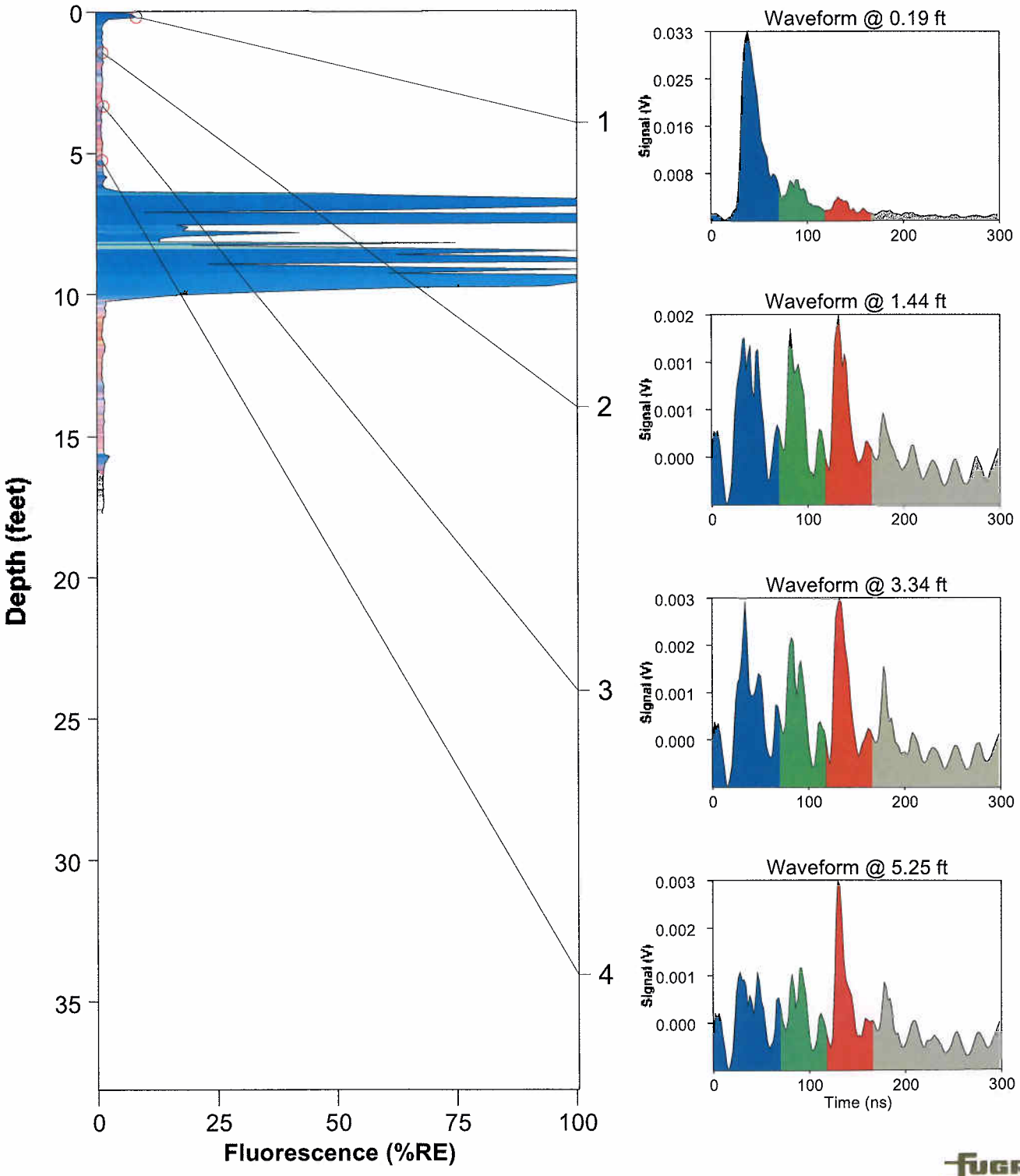


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ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 11:58:50 AM	Max fluorescence: 275.14% @ 6.89 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

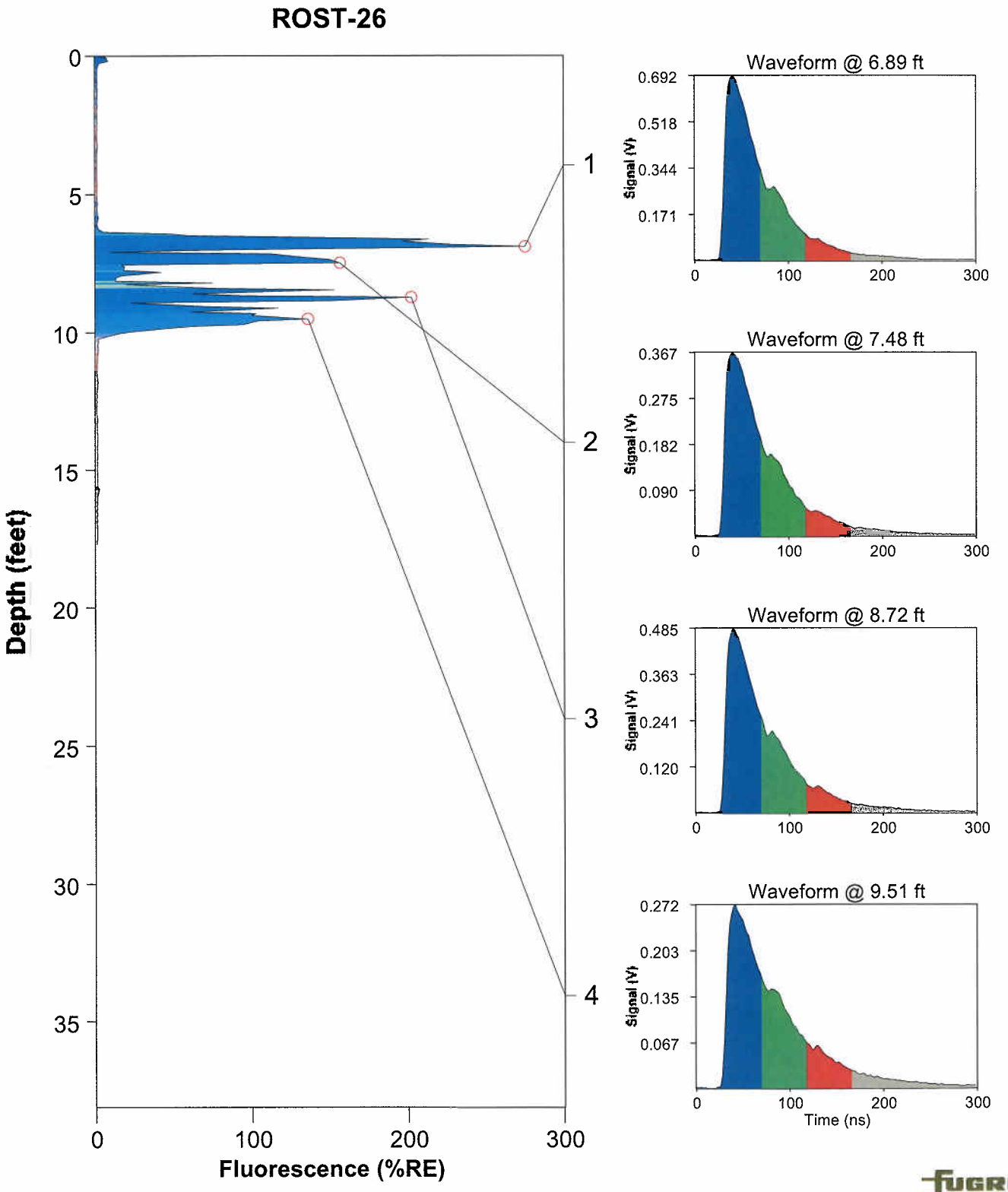
ROST-26



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

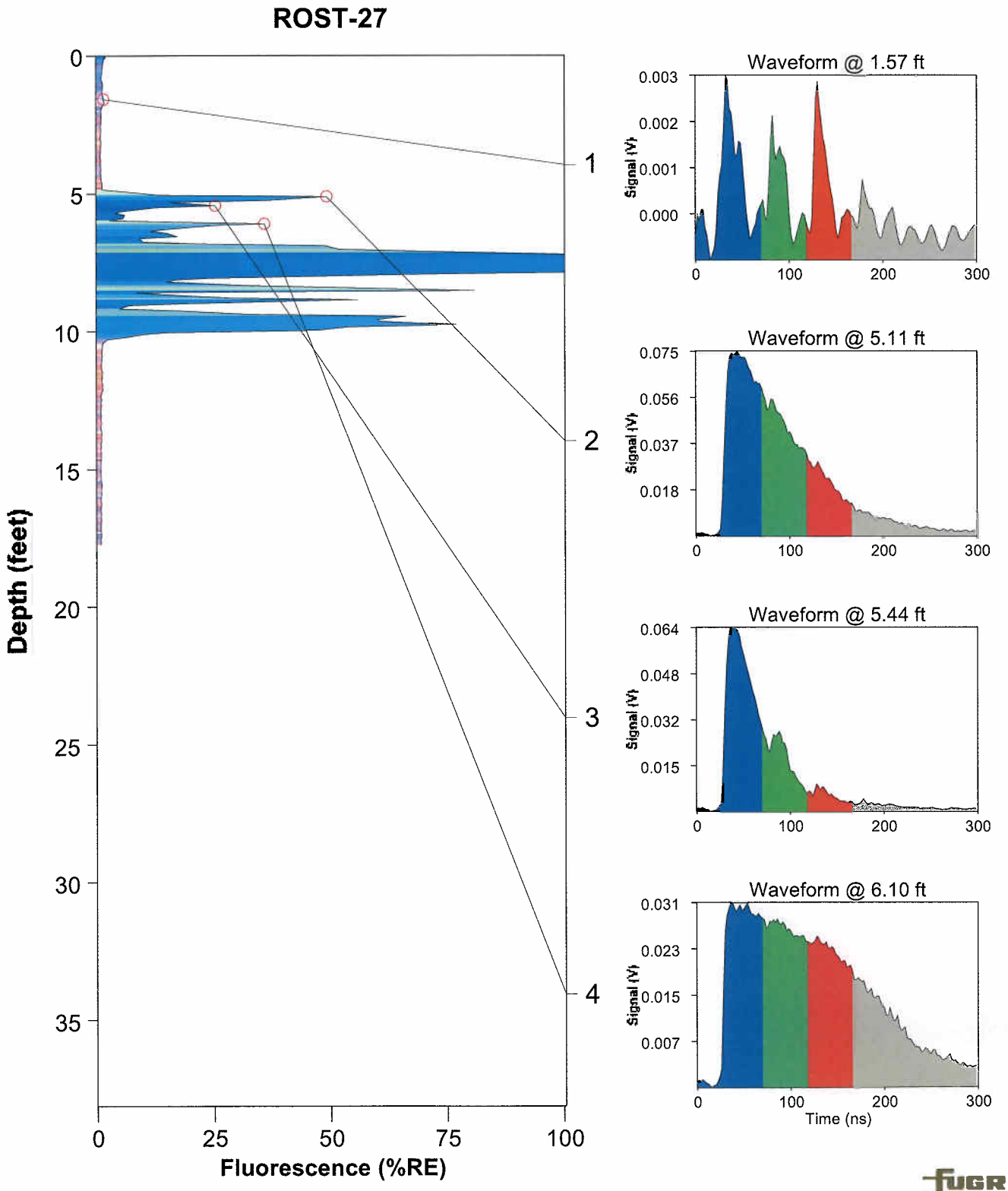
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 11:58:50 AM	Max fluorescence: 275.14% @ 6.89 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 12:21:50 PM	Max fluorescence: 205.07% @ 7.48 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

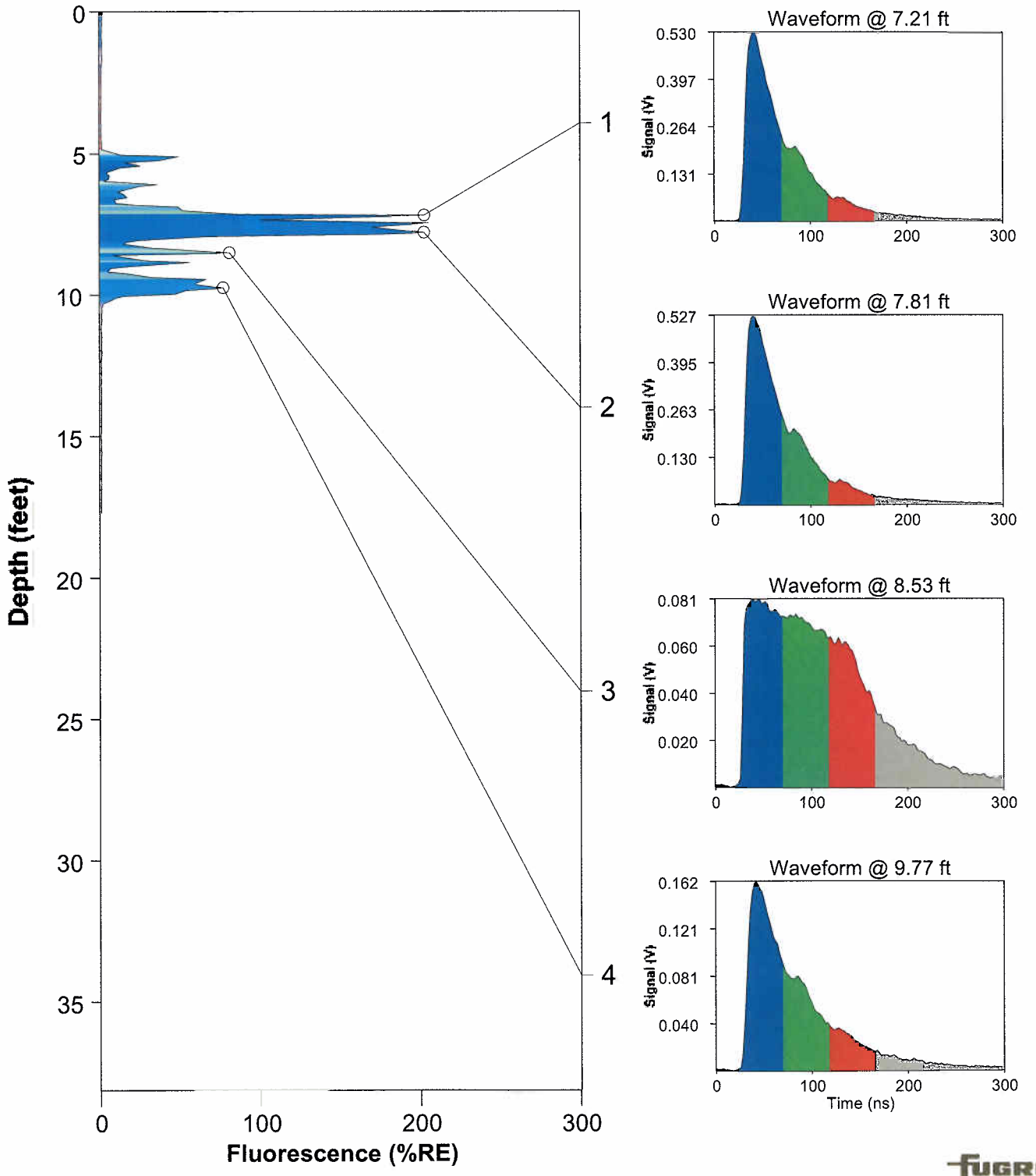


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ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 12:21:50 PM	Max fluorescence: 205.07% @ 7.48 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

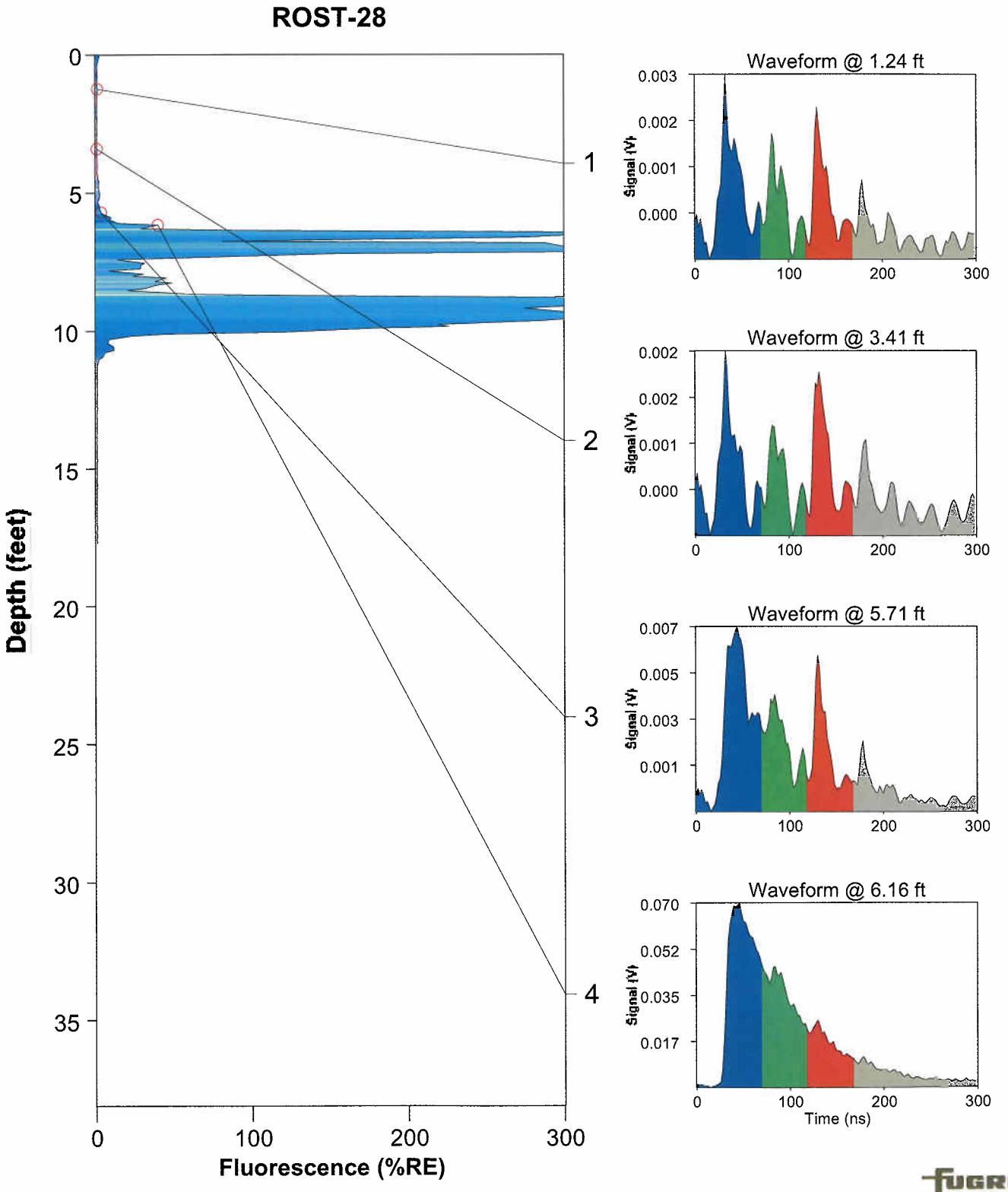
ROST-27



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

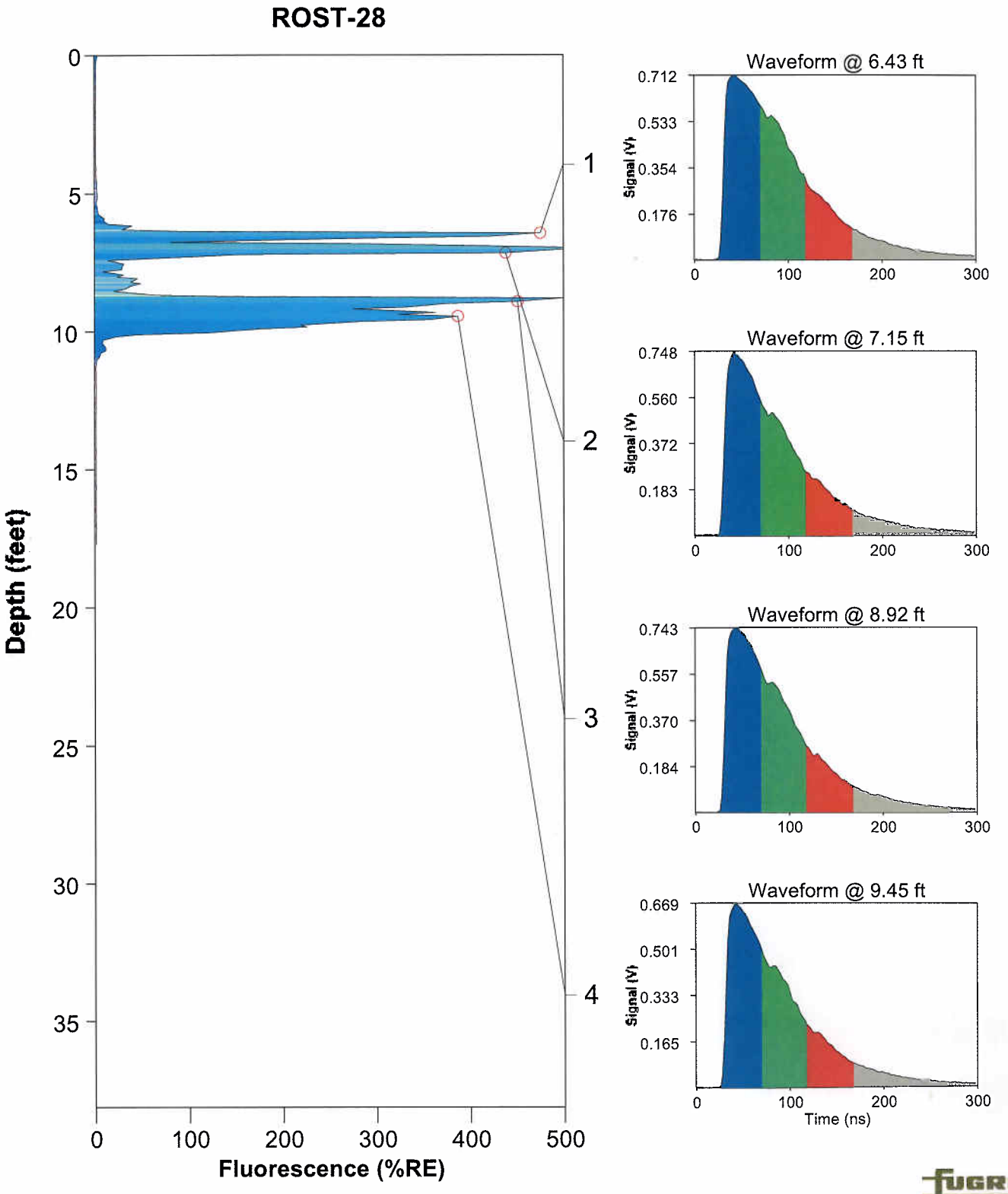
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 12:39:47 PM	Max fluorescence: 578.10% @ 7.02 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 12:39:47 PM	Max fluorescence: 578.10% @ 7.02 ft
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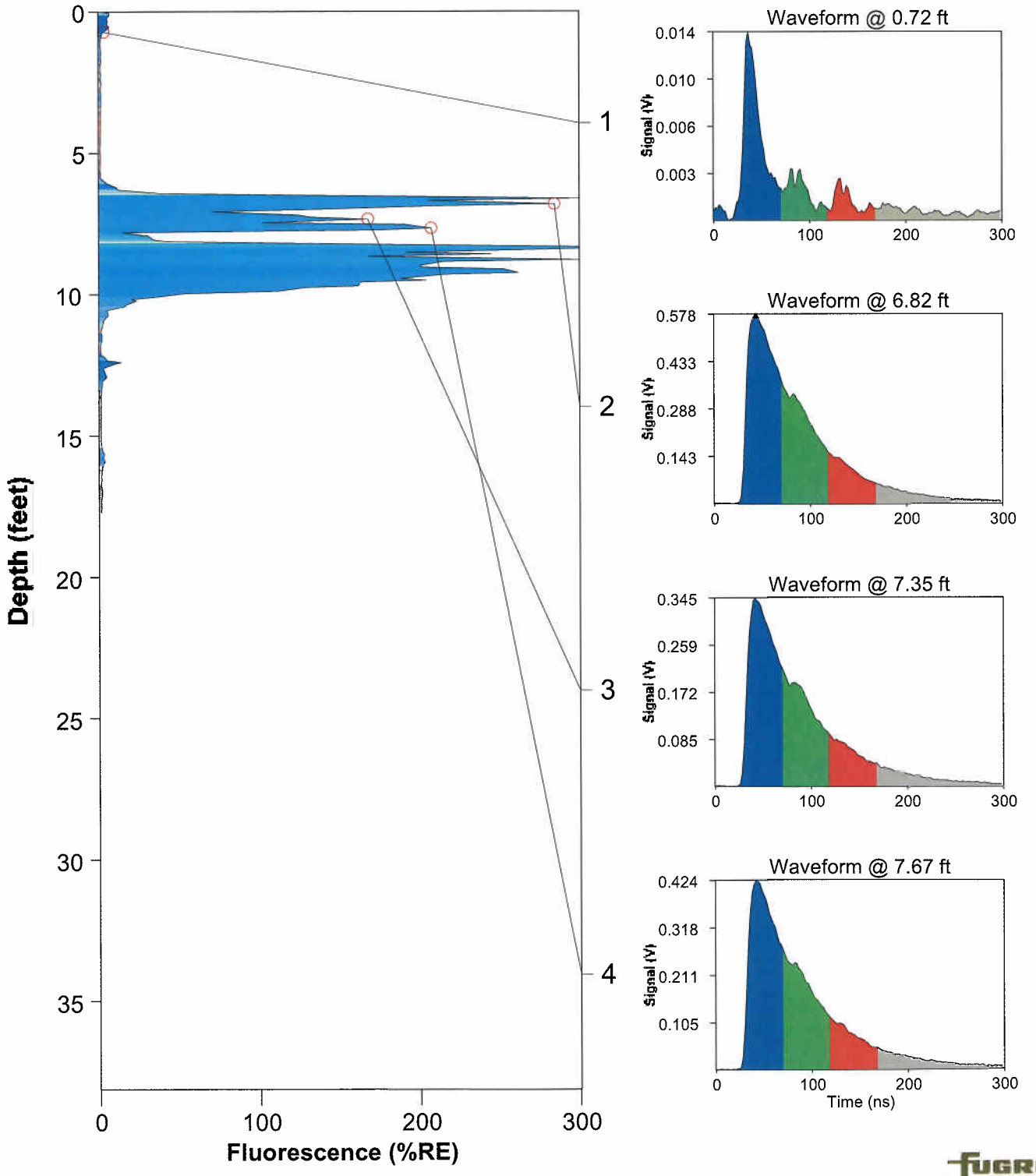


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 12:55:53 PM	Max fluorescence: 442.45% @ 8.33 ft
ROST Unit: VI	Final depth BGS: 17.71 ft

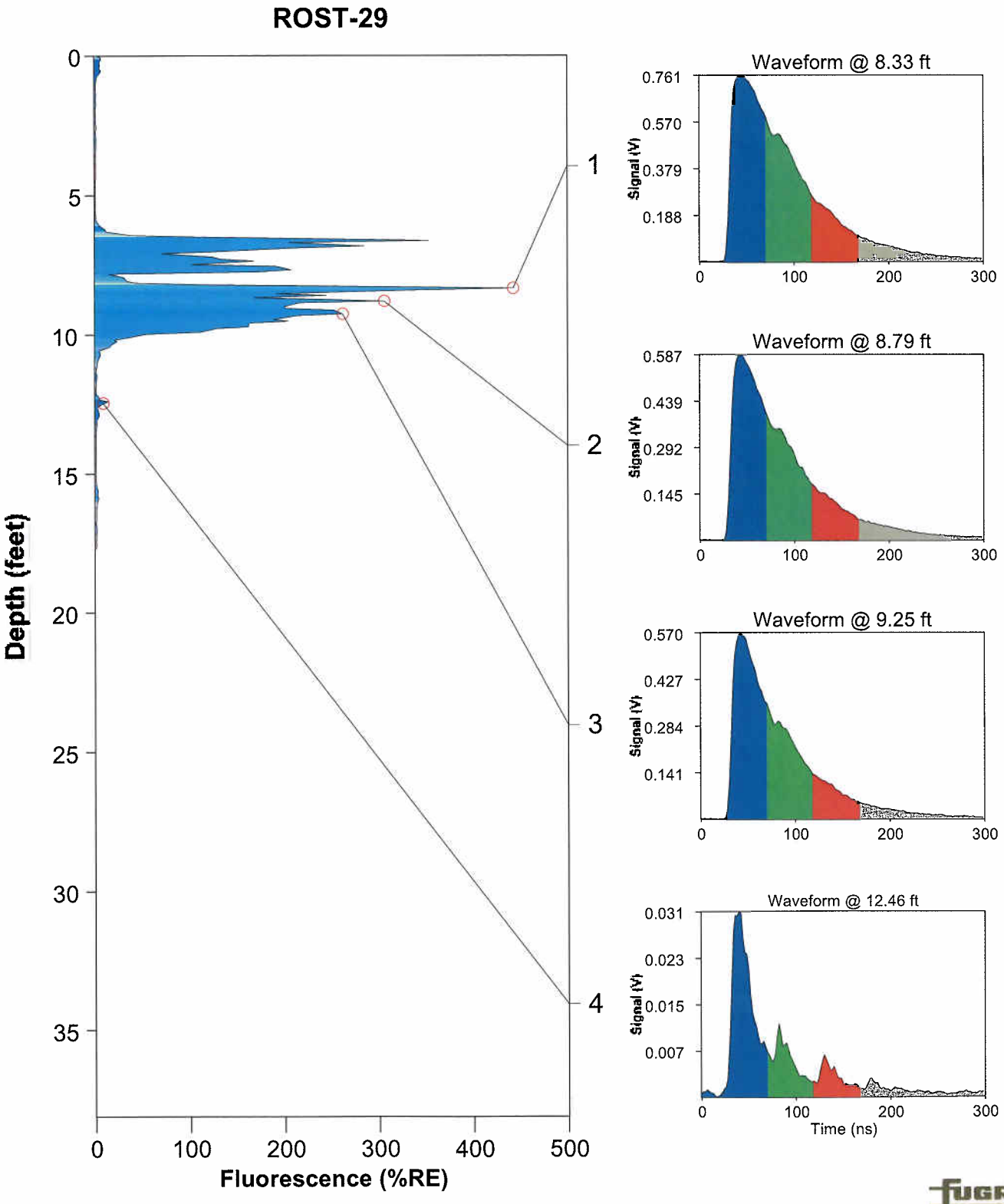
ROST-29



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

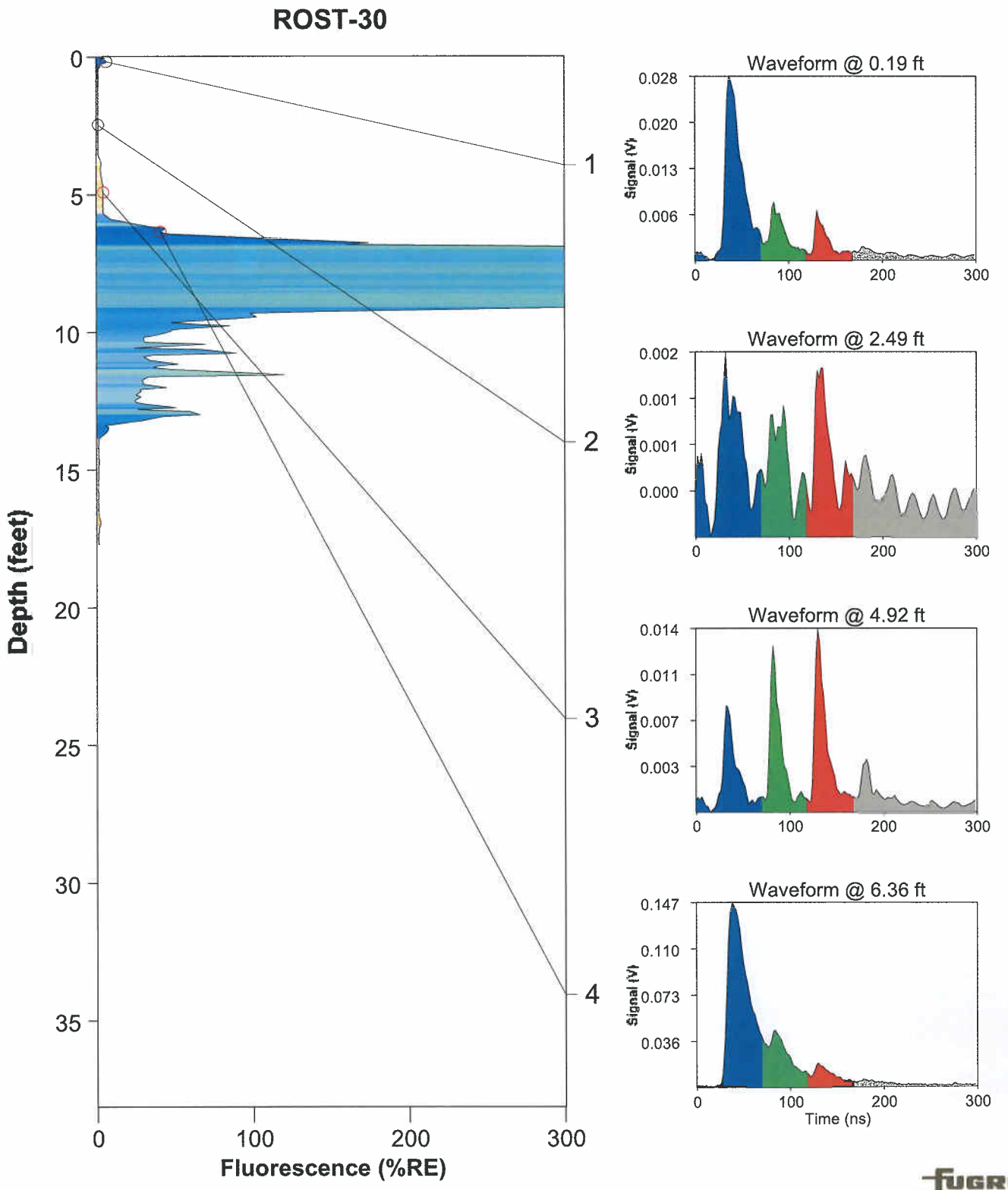
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 12:55:53 PM	Max fluorescence: 442.45% @ 8.33 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

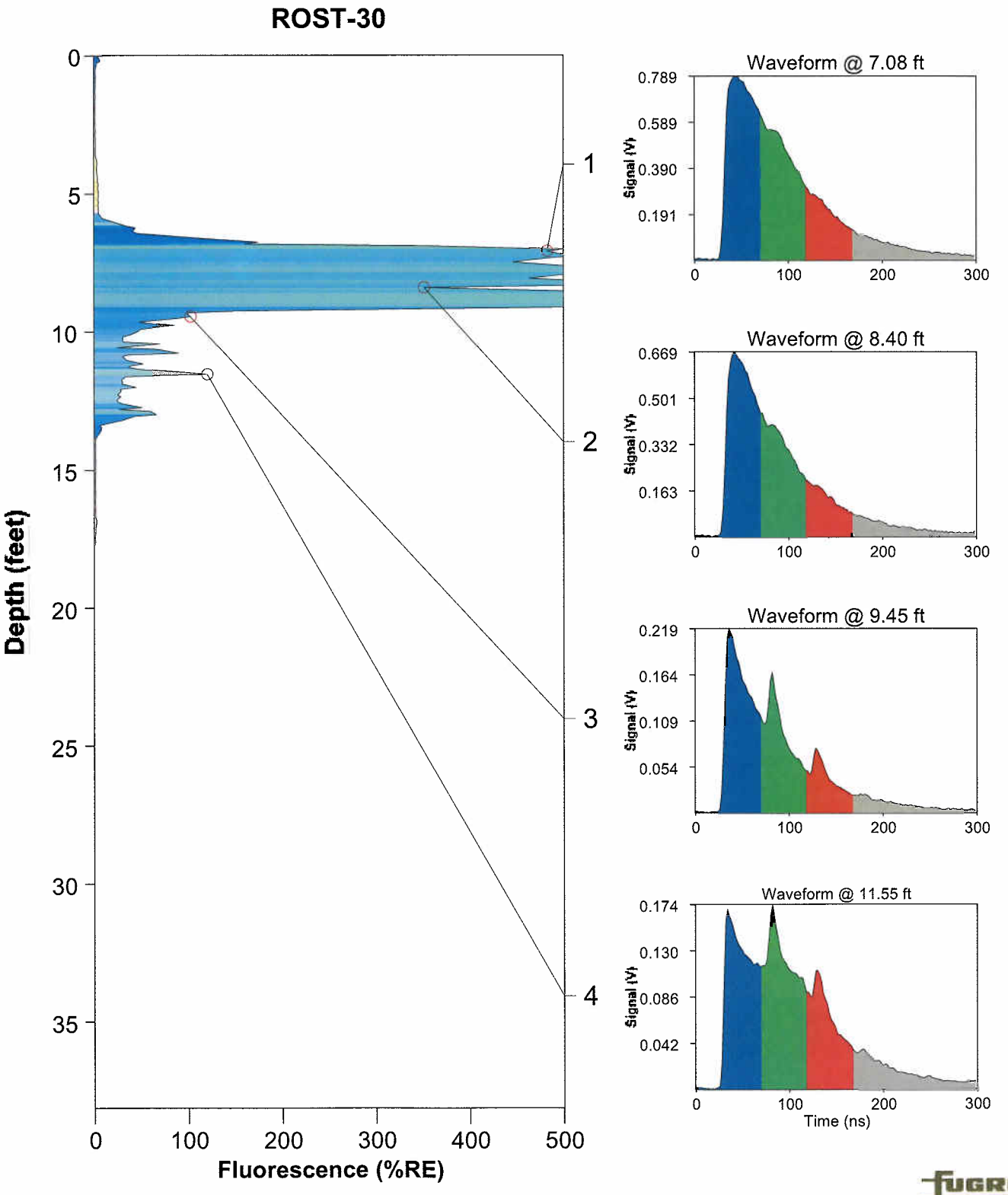
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 1:16:24 PM	Max fluorescence: 711.40% @ 8.79 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

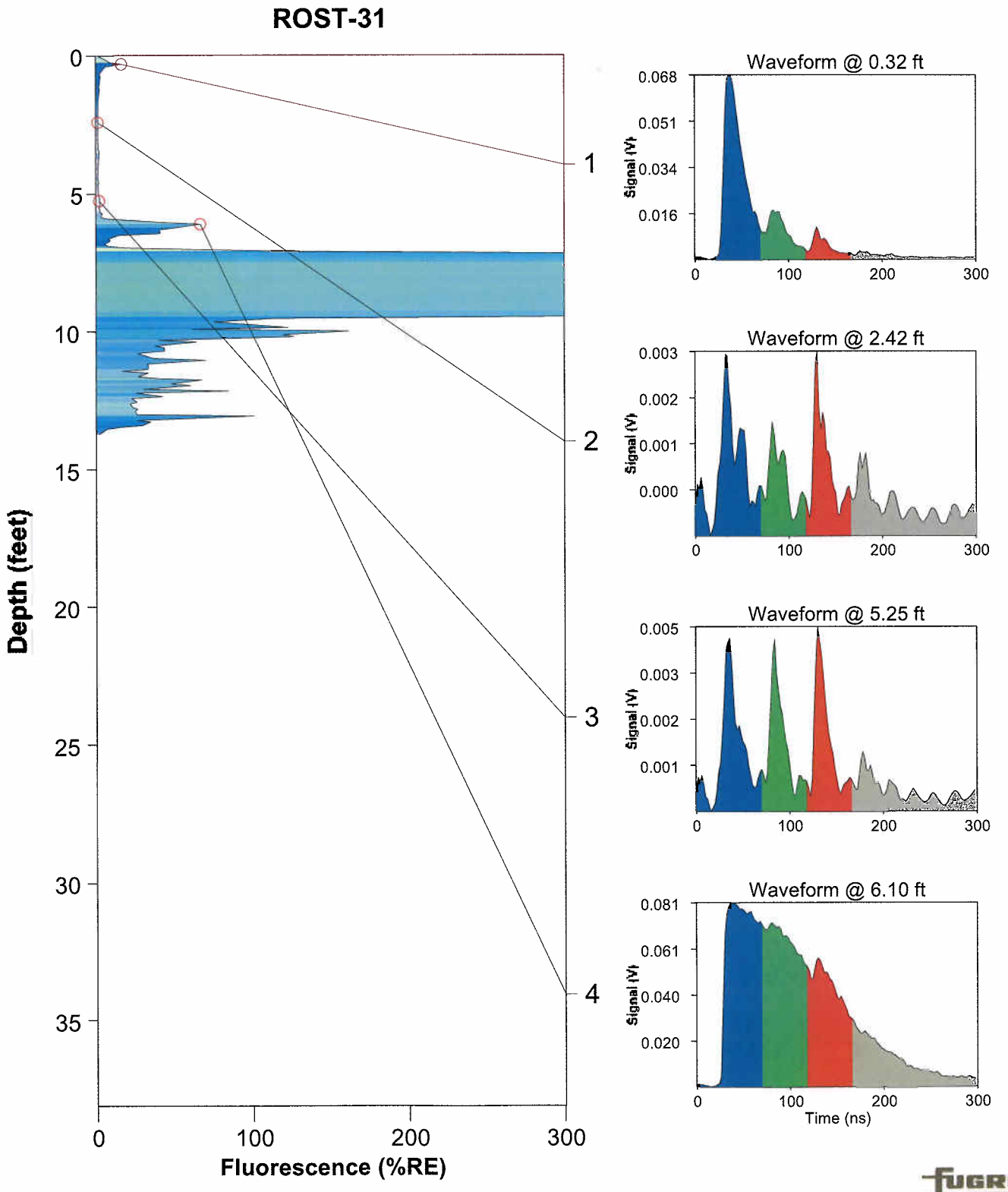
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 1:16:24 PM	Max fluorescence: 711.40% @ 8.79 ft
ROST Unit: VI	Final depth BGS: 17.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

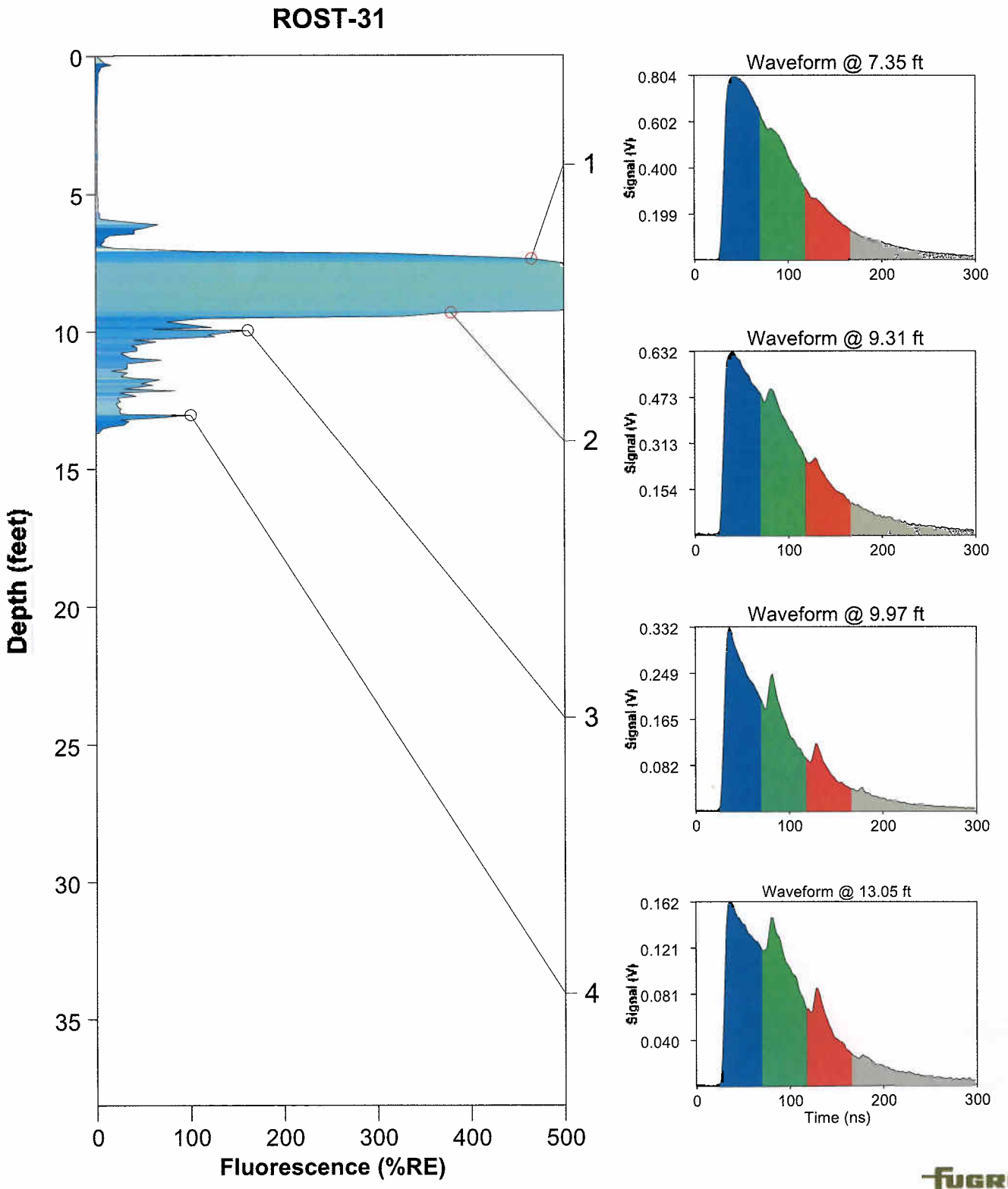
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 1:38:42 PM	Max fluorescence: 748.61% @ 7.94 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 1:38:42 PM	Max fluorescence: 748.61% @ 7.94 ft
ROST Unit: VI	Final depth BGS: 13.71 ft

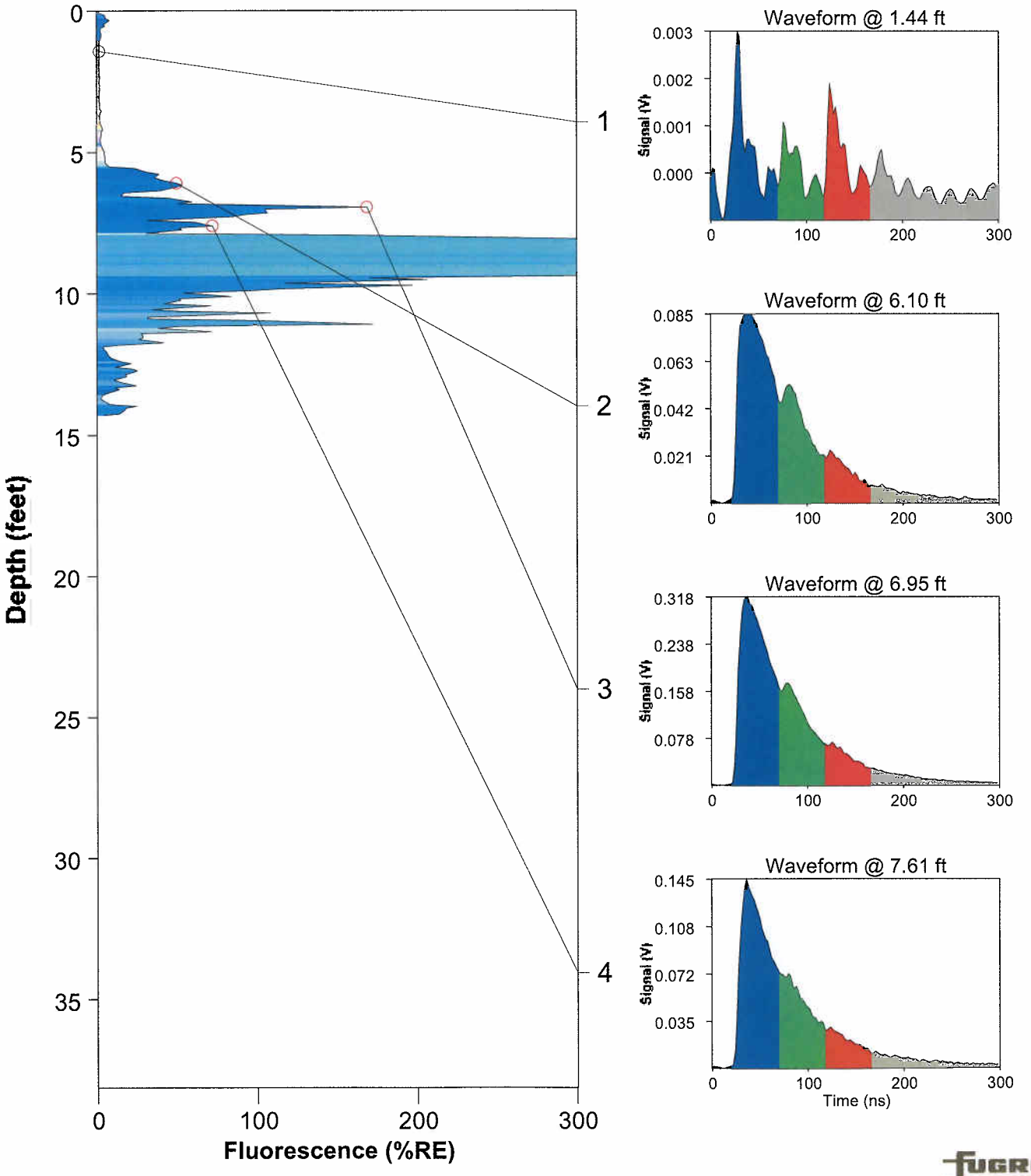


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 1:57:43 PM	Max fluorescence: 861.34% @ 9.18 ft
ROST Unit: VI	Final depth BGS: 14.30 ft

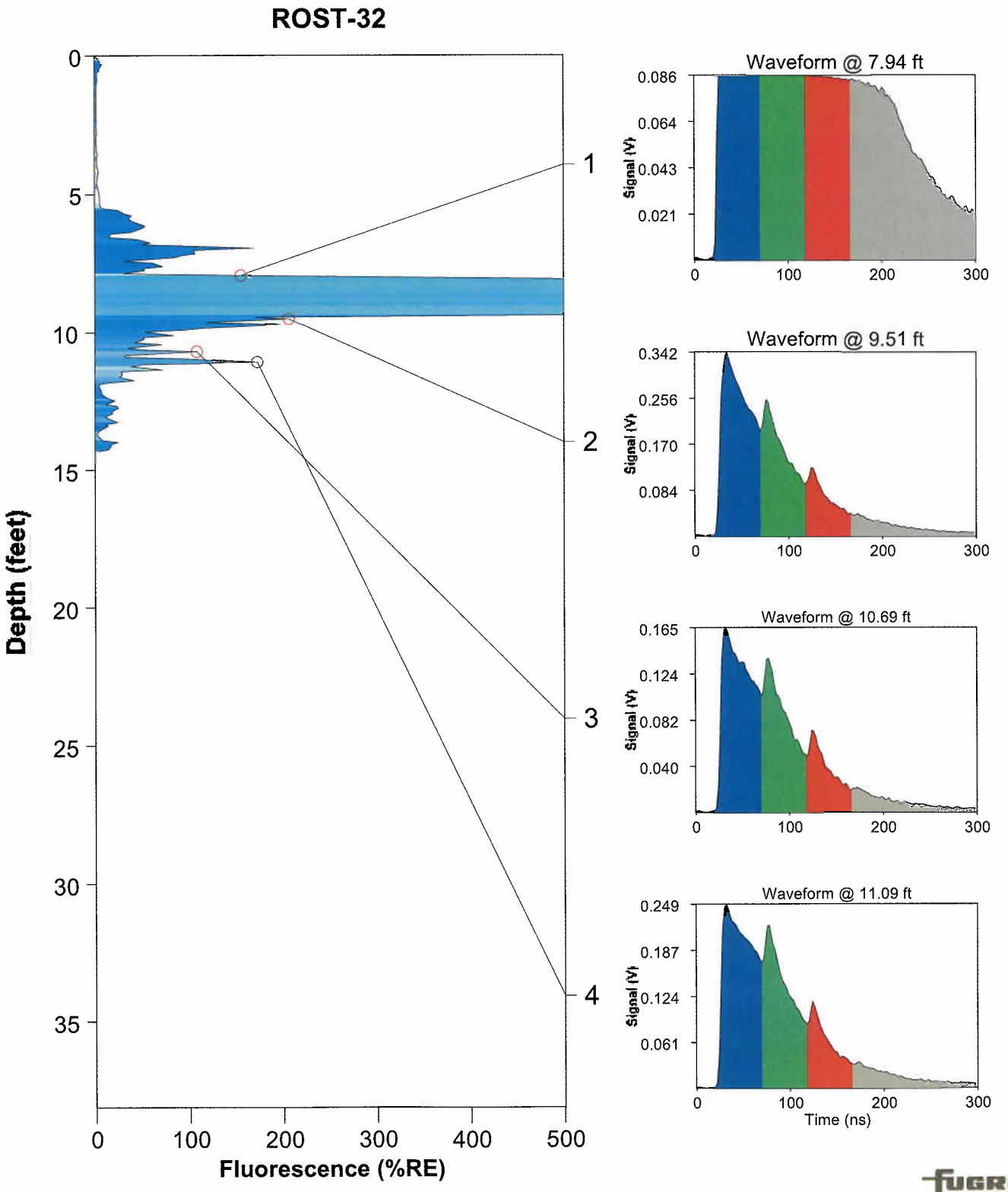
ROST-32



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

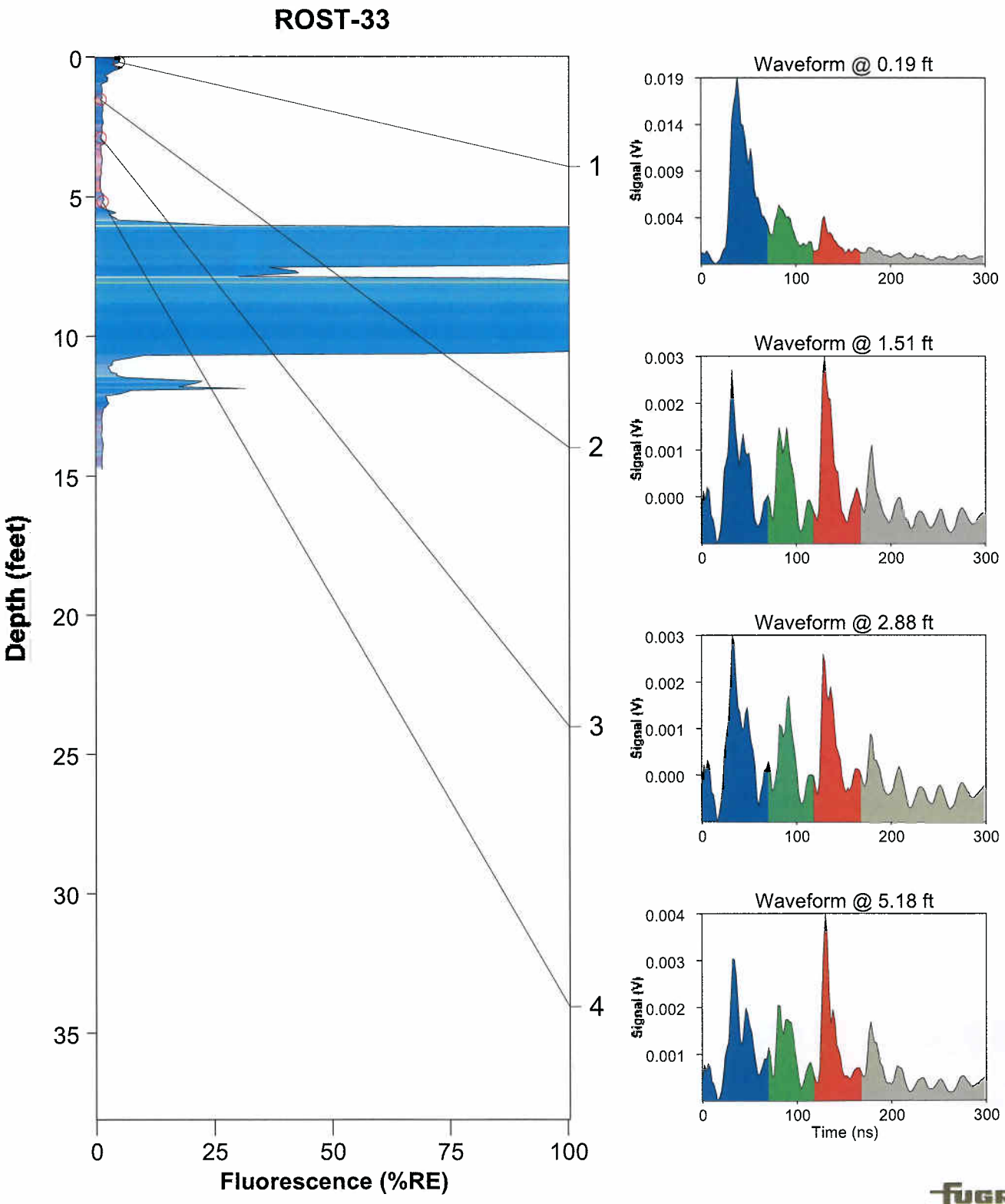
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 1:57:43 PM	Max fluorescence: 861.34% @ 9.18 ft
ROST Unit: VI	Final depth BGS: 14.30 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

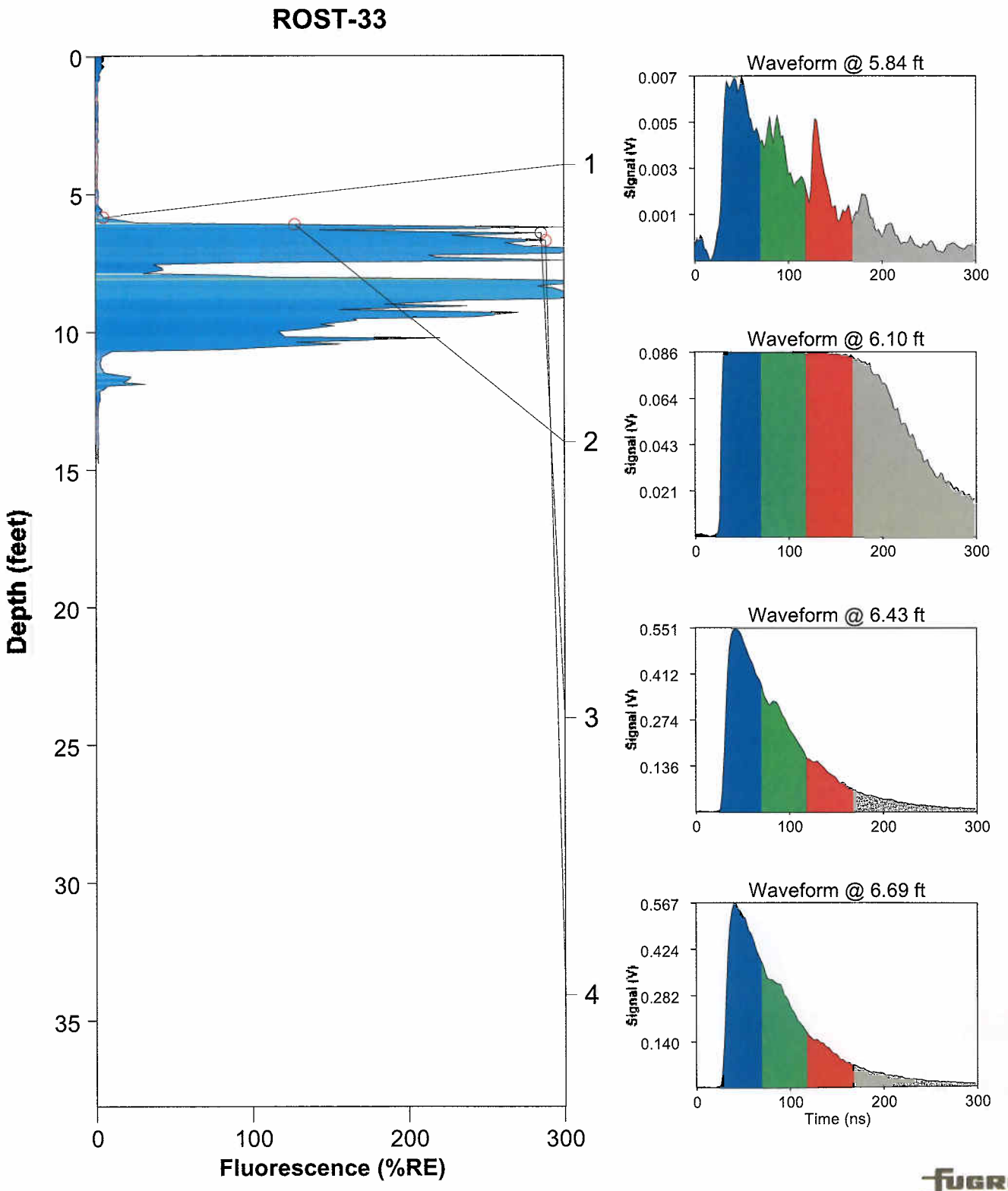
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 2:15:22 PM	Max fluorescence: 412.96% @ 8.53 ft
ROST Unit: VI	Final depth BGS: 14.76 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

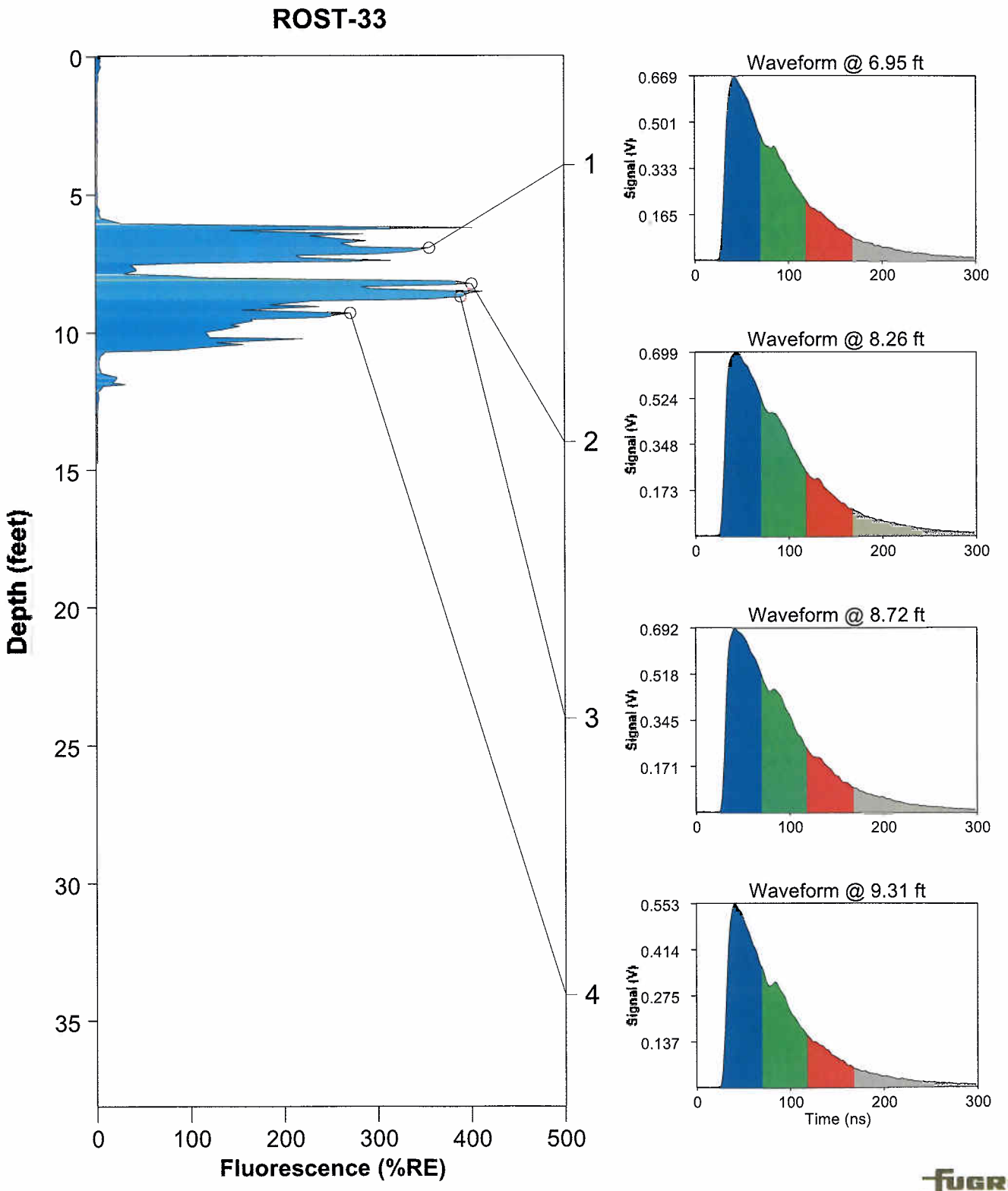
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 2:15:22 PM	Max fluorescence: 412.96% @ 8.53 ft
ROST Unit: VI	Final depth BGS: 14.76 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

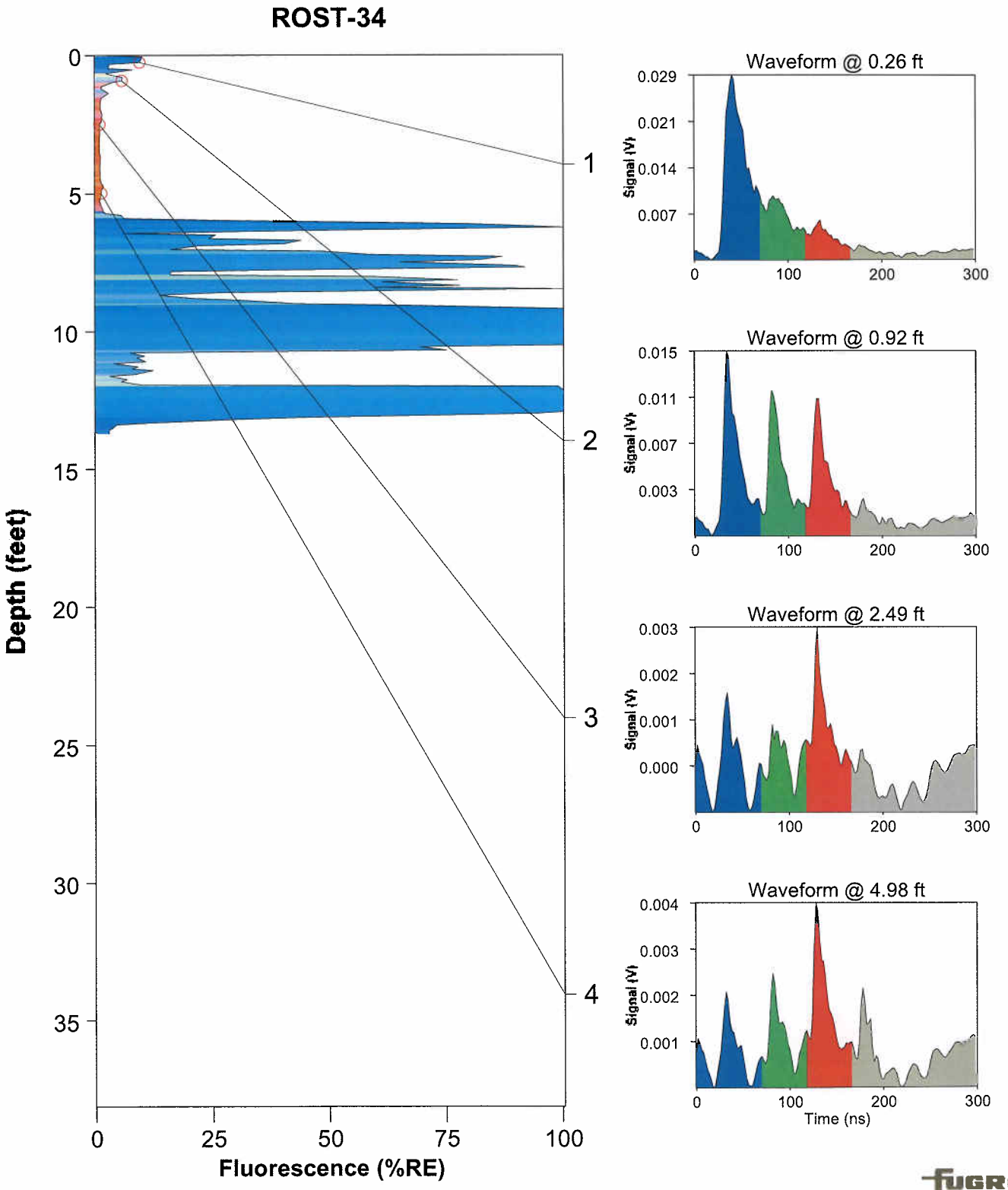
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 2:15:22 PM	Max fluorescence: 412.96% @ 8.53 ft
ROST Unit: VI	Final depth BGS: 14.76 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 2:32:57 PM	Max fluorescence: 344.39% @ 12.27 ft
ROST Unit: VI	Final depth BGS: 13.71 ft

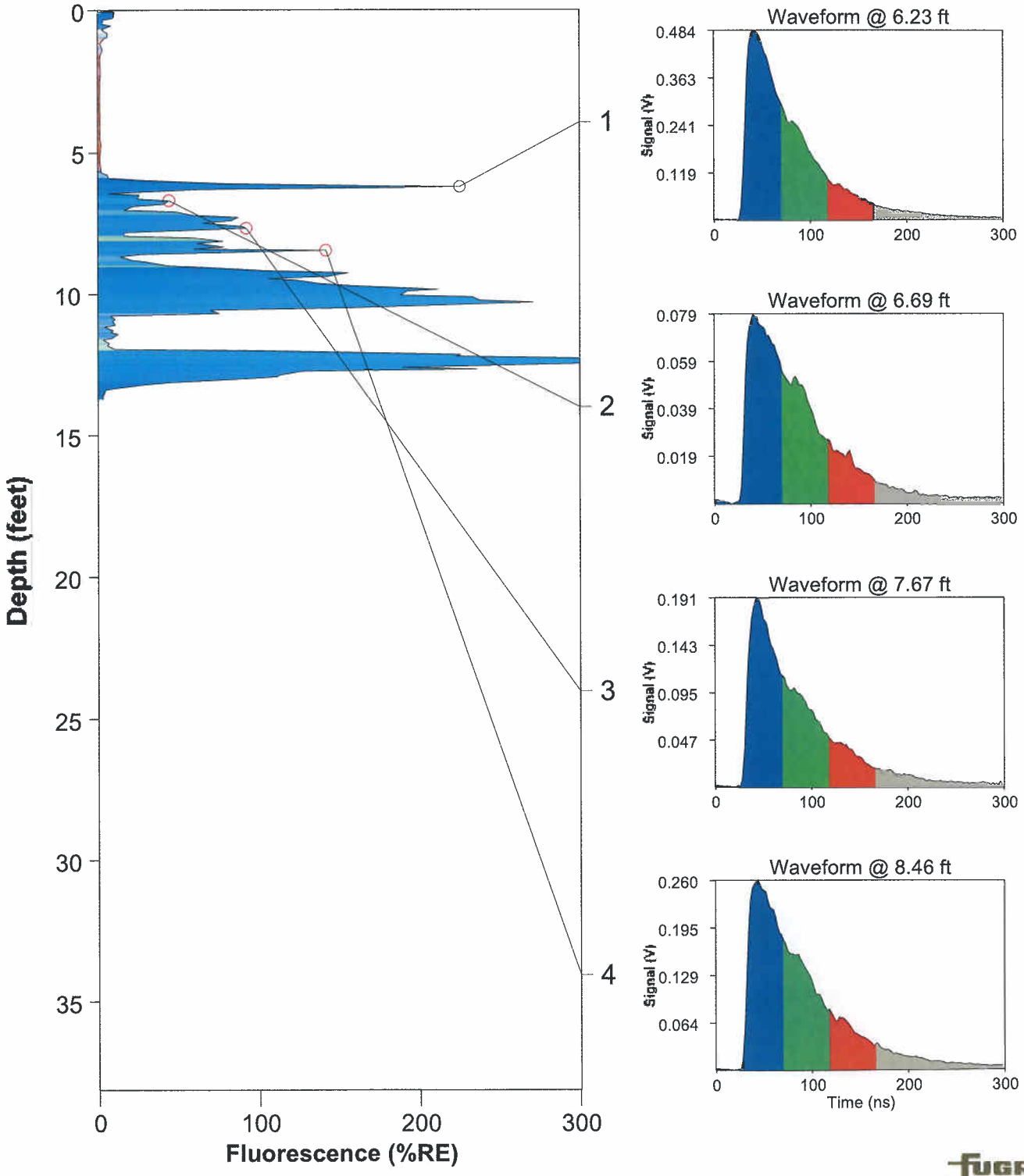


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

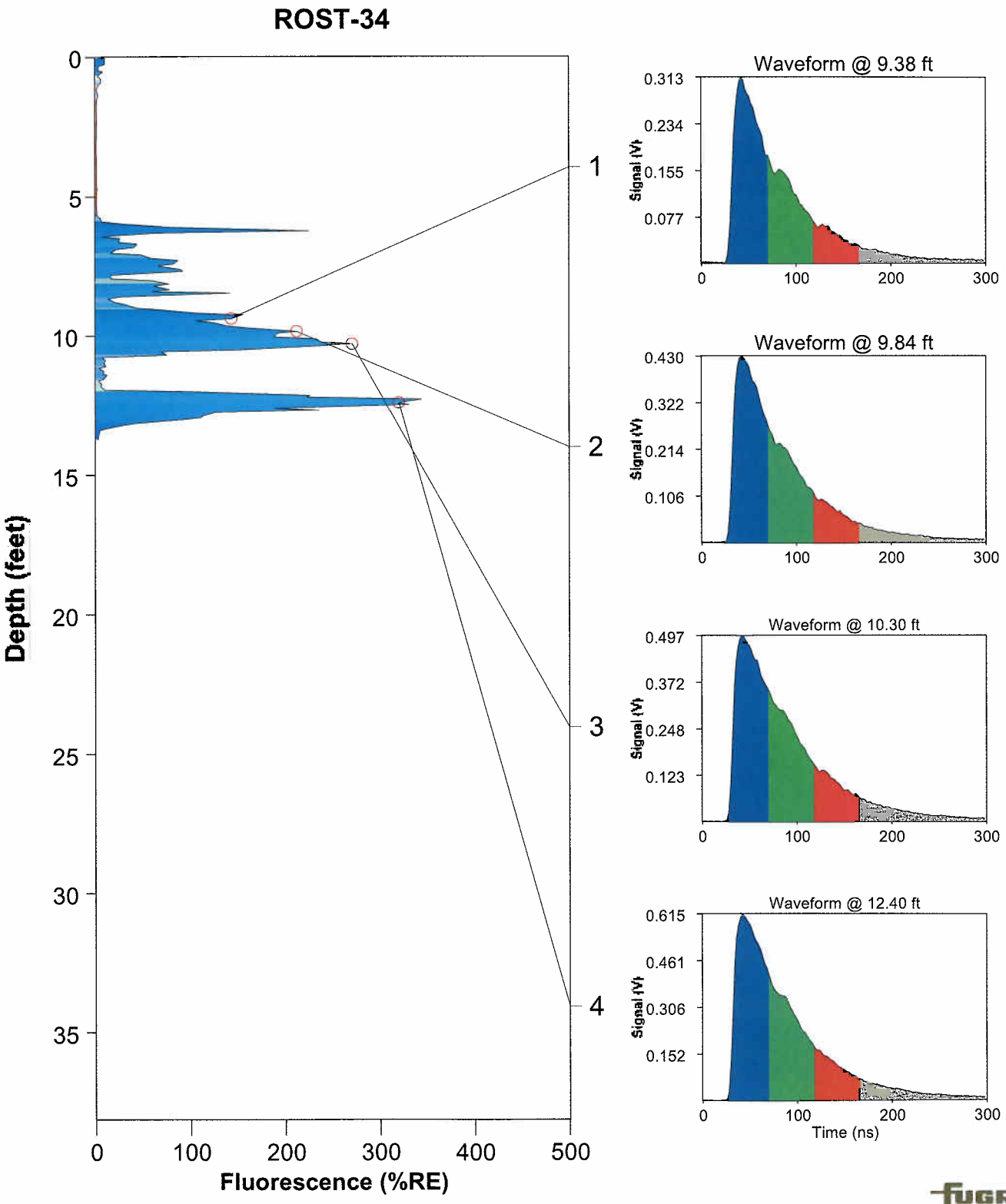
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 2:32:57 PM	Max fluorescence: 344.39% @ 12.27 ft
ROST Unit: VI	Final depth BGS: 13.71 ft

ROST-34



ROST Fluorescence Response Data

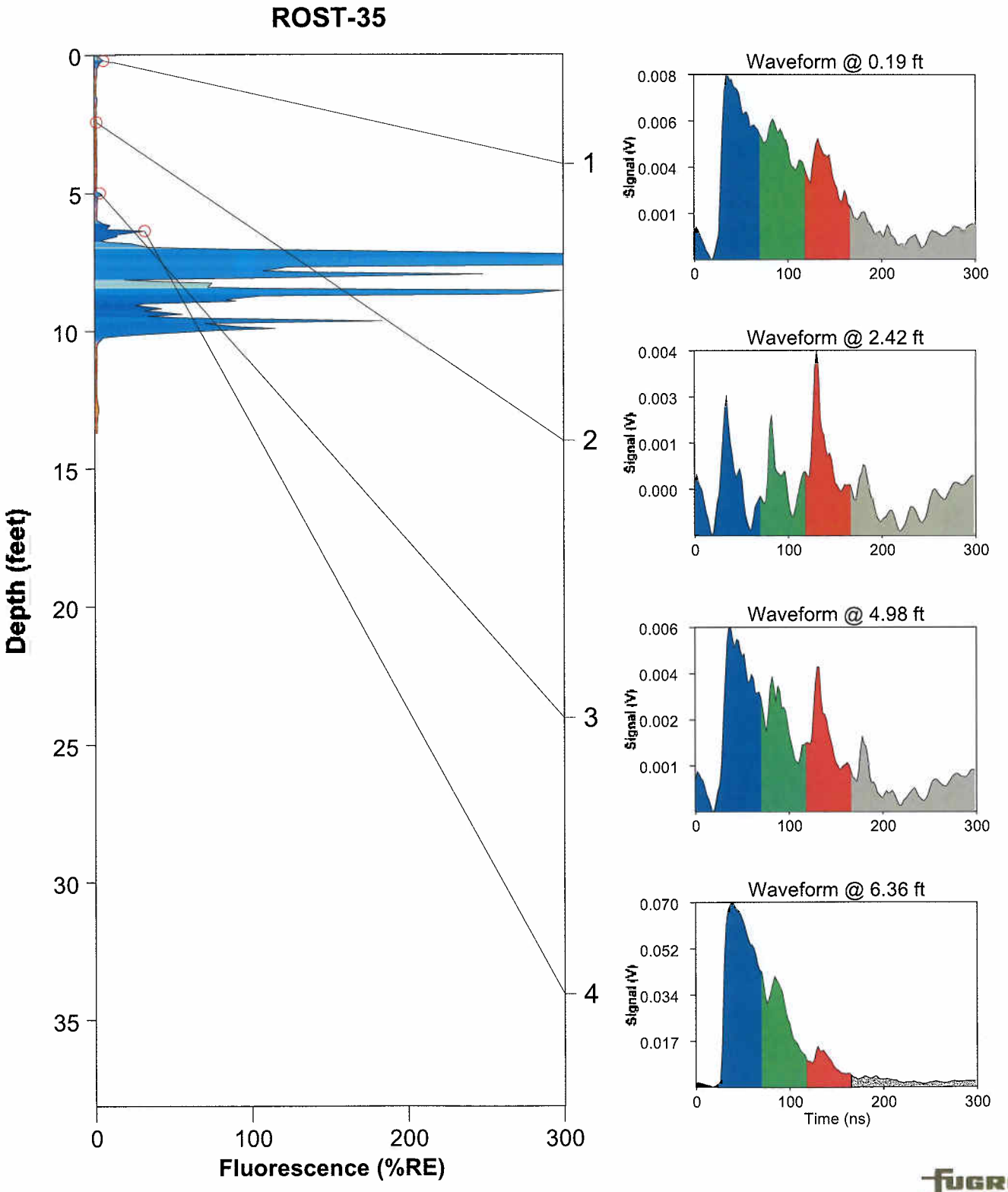
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 2:32:57 PM	Max fluorescence: 344.39% @ 12.27 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

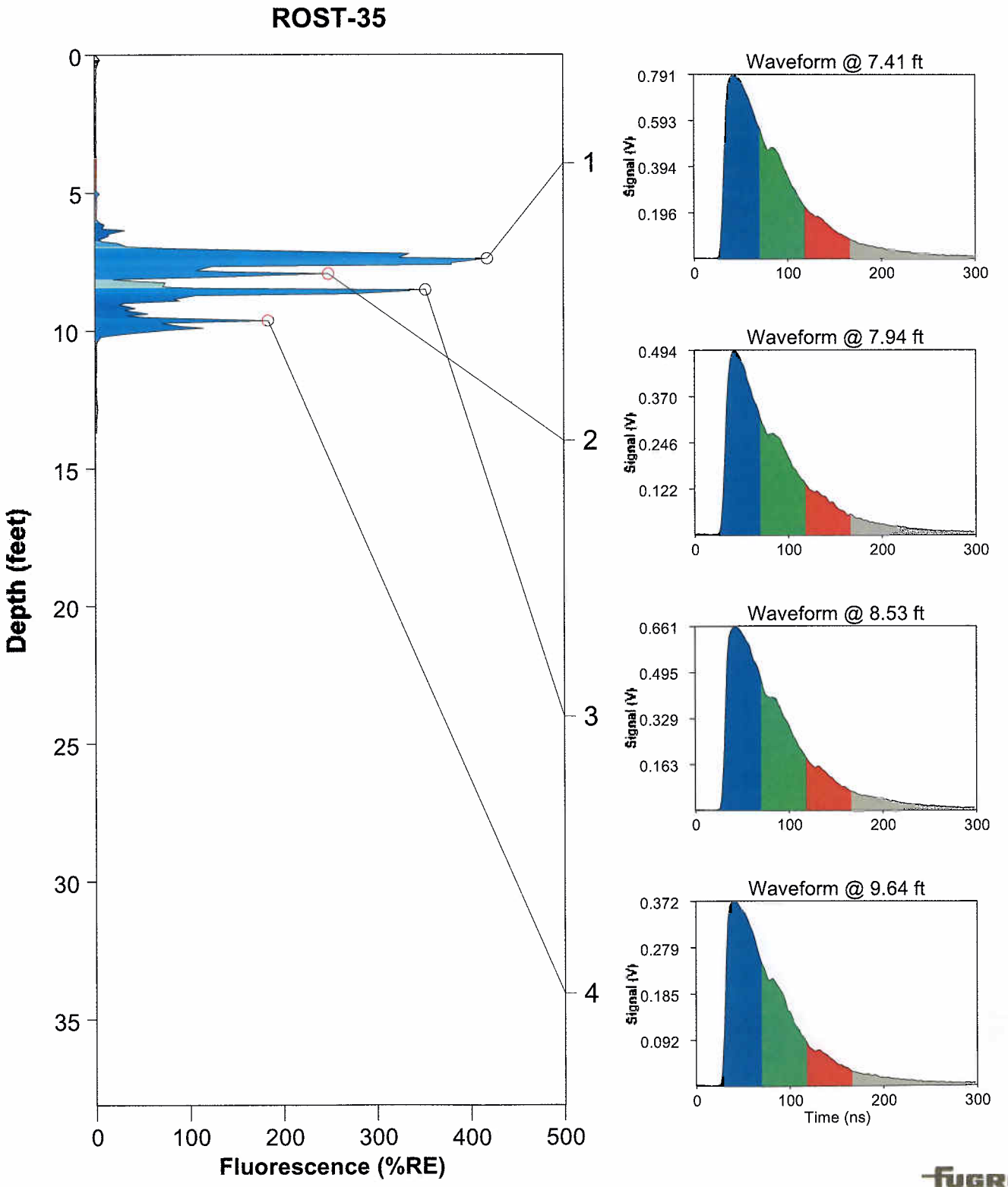
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:04:24 PM	Max fluorescence: 418.31% @ 7.41 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

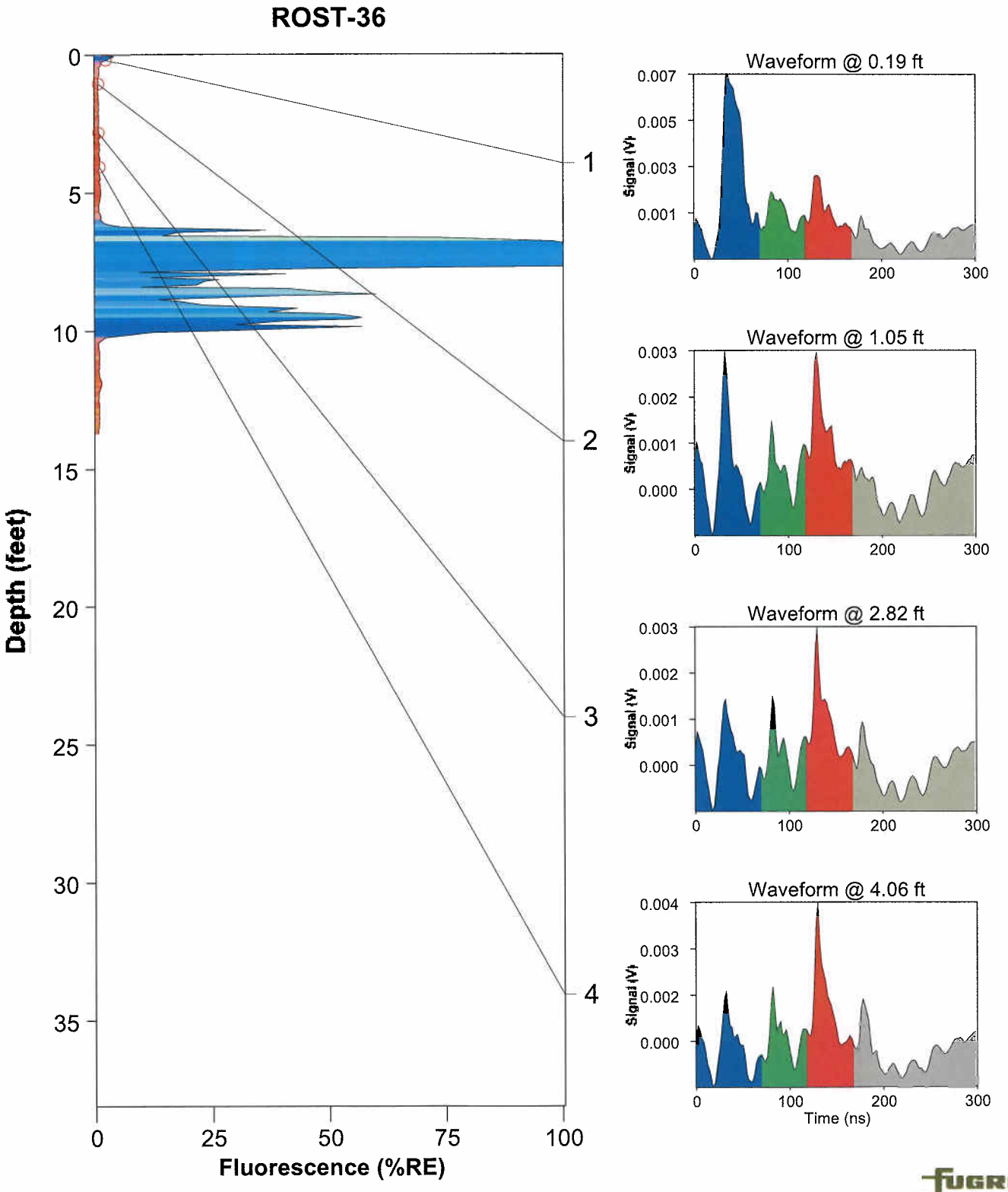
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:04:24 PM	Max fluorescence: 418.31% @ 7.41 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



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ROST Fluorescence Response Data

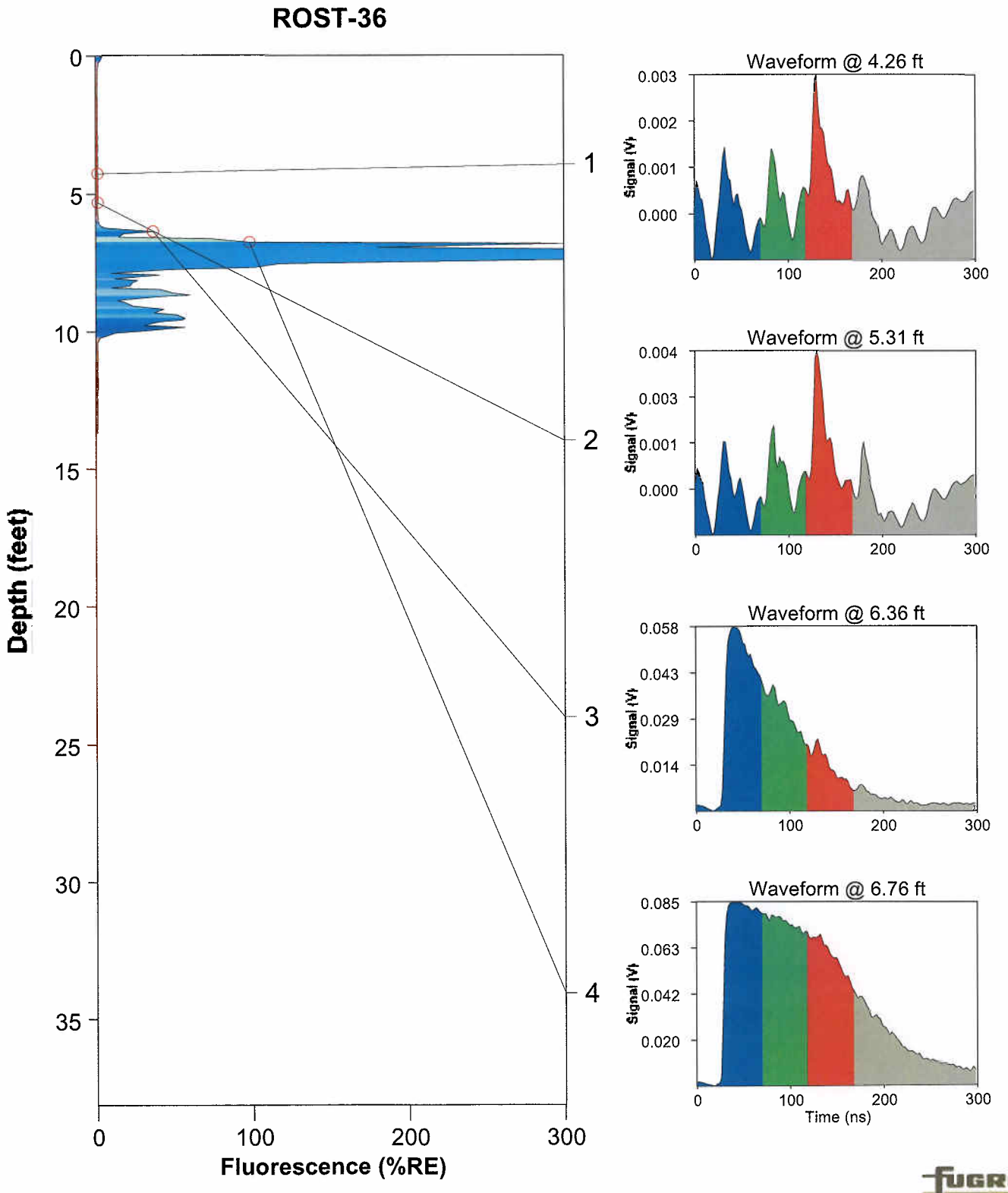
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:18:45 PM	Max fluorescence: 416.38% @ 7.41 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

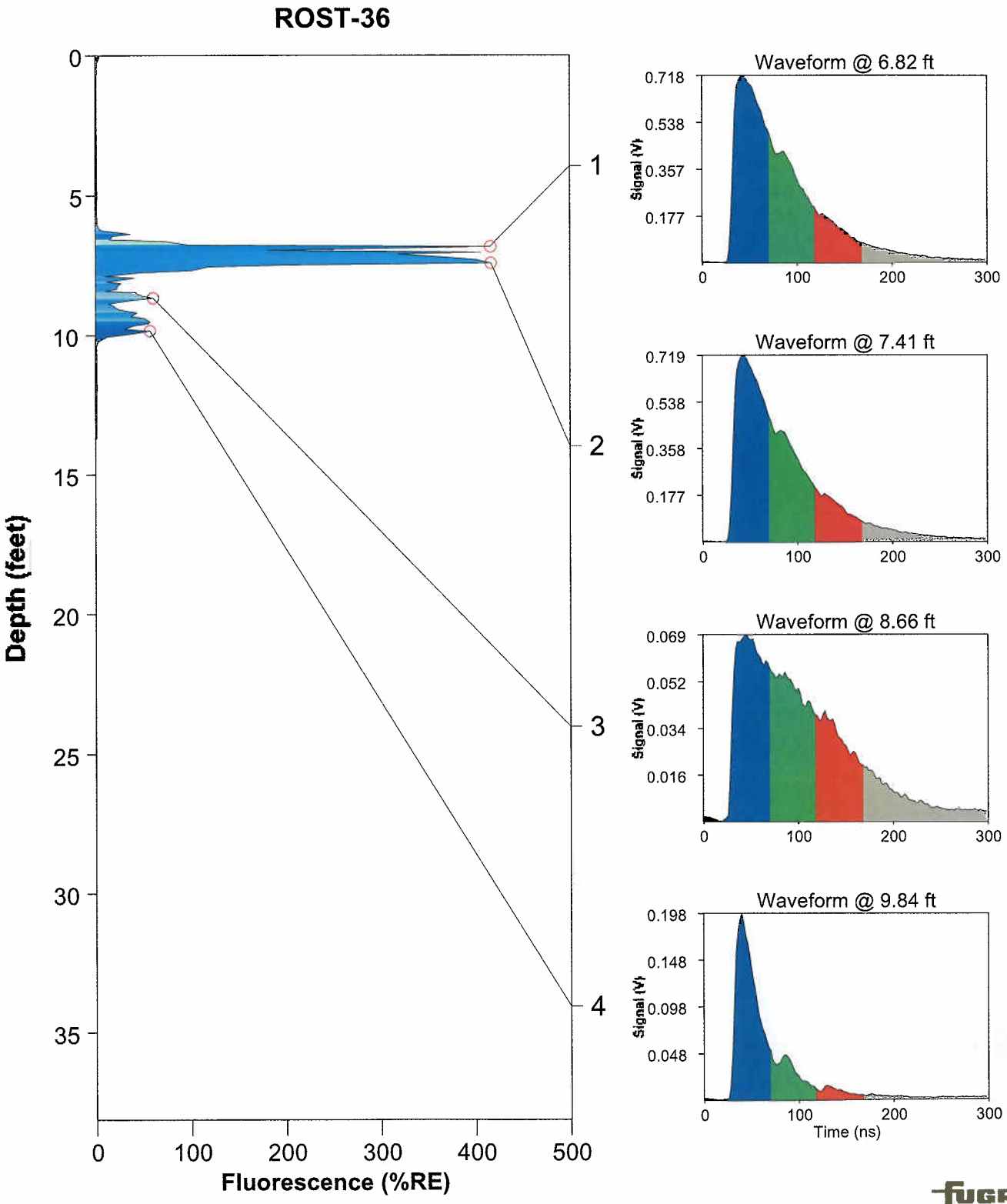
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:18:45 PM	Max fluorescence: 416.38% @ 7.41 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

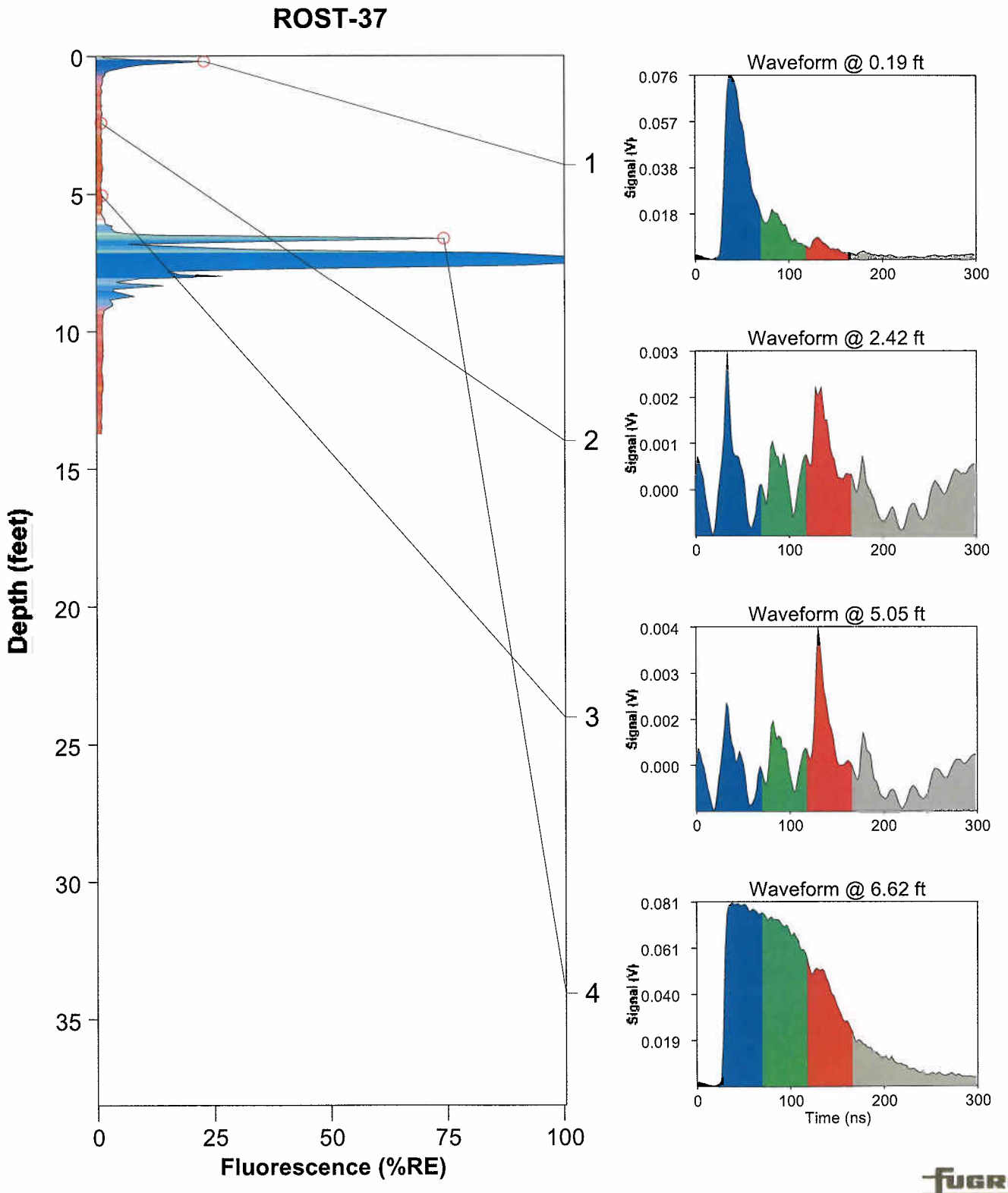
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:18:45 PM	Max fluorescence: 416.38% @ 7.41 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

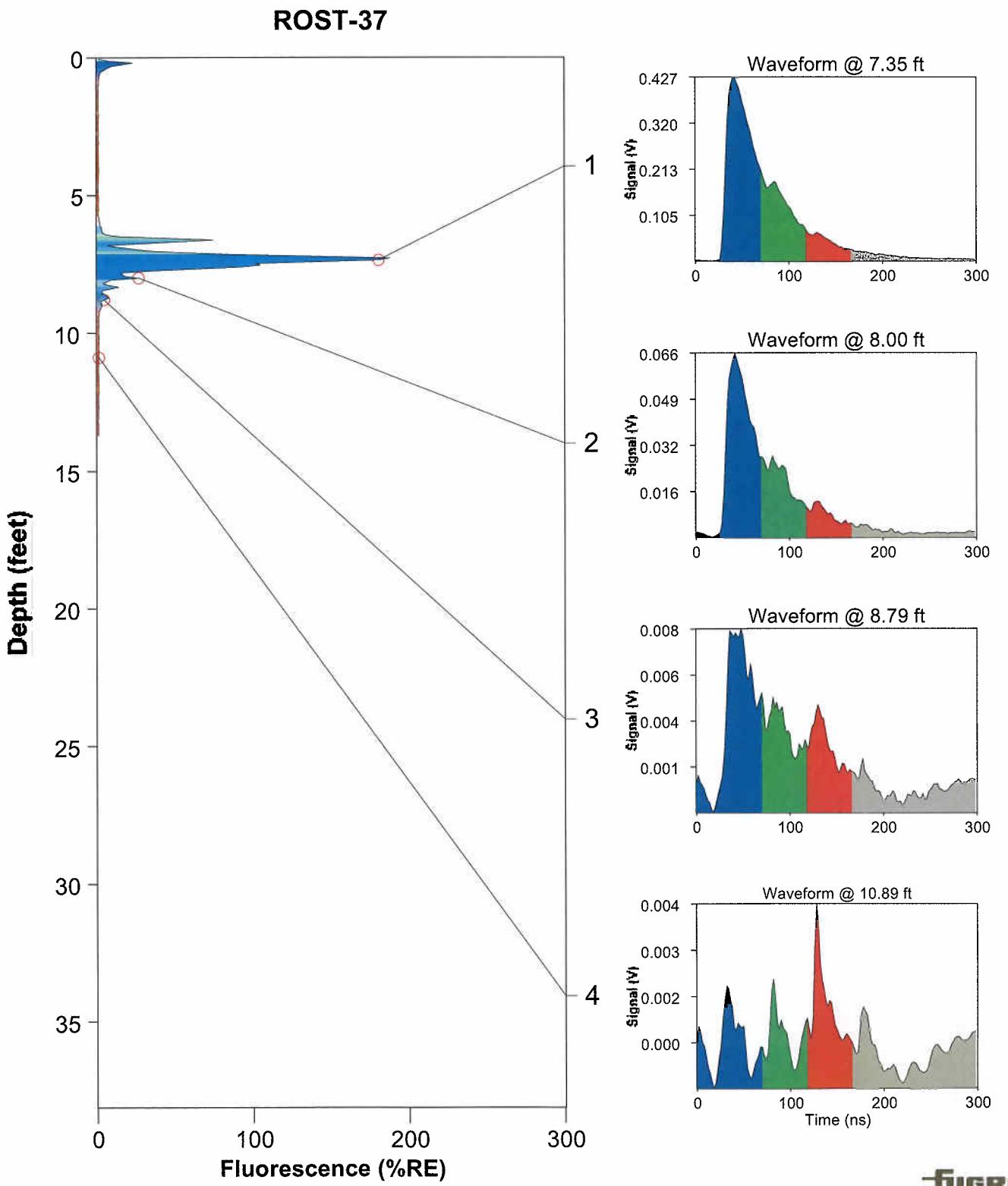
Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:30:56 PM	Max fluorescence: 187.96% @ 7.28 ft
ROST Unit: VI	Final depth BGS: 13.71 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:30:56 PM	Max fluorescence: 187.96% @ 7.28 ft
ROST Unit: VI	Final depth BGS: 13.71 ft

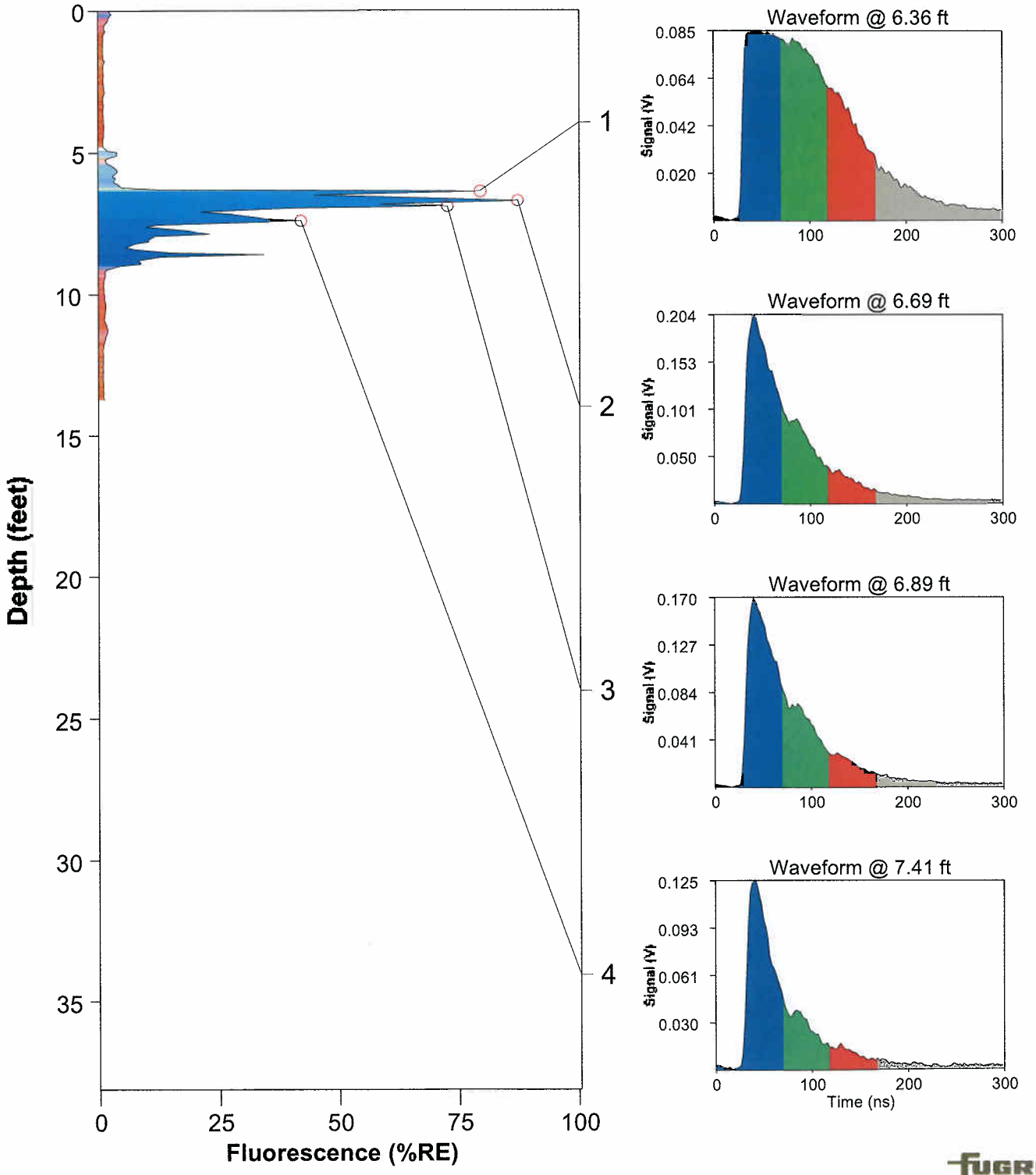


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:45:16 PM	Max fluorescence: 87.11% @ 6.69 ft
ROST Unit: VI	Final depth BGS: 13.71 ft

ROST-38

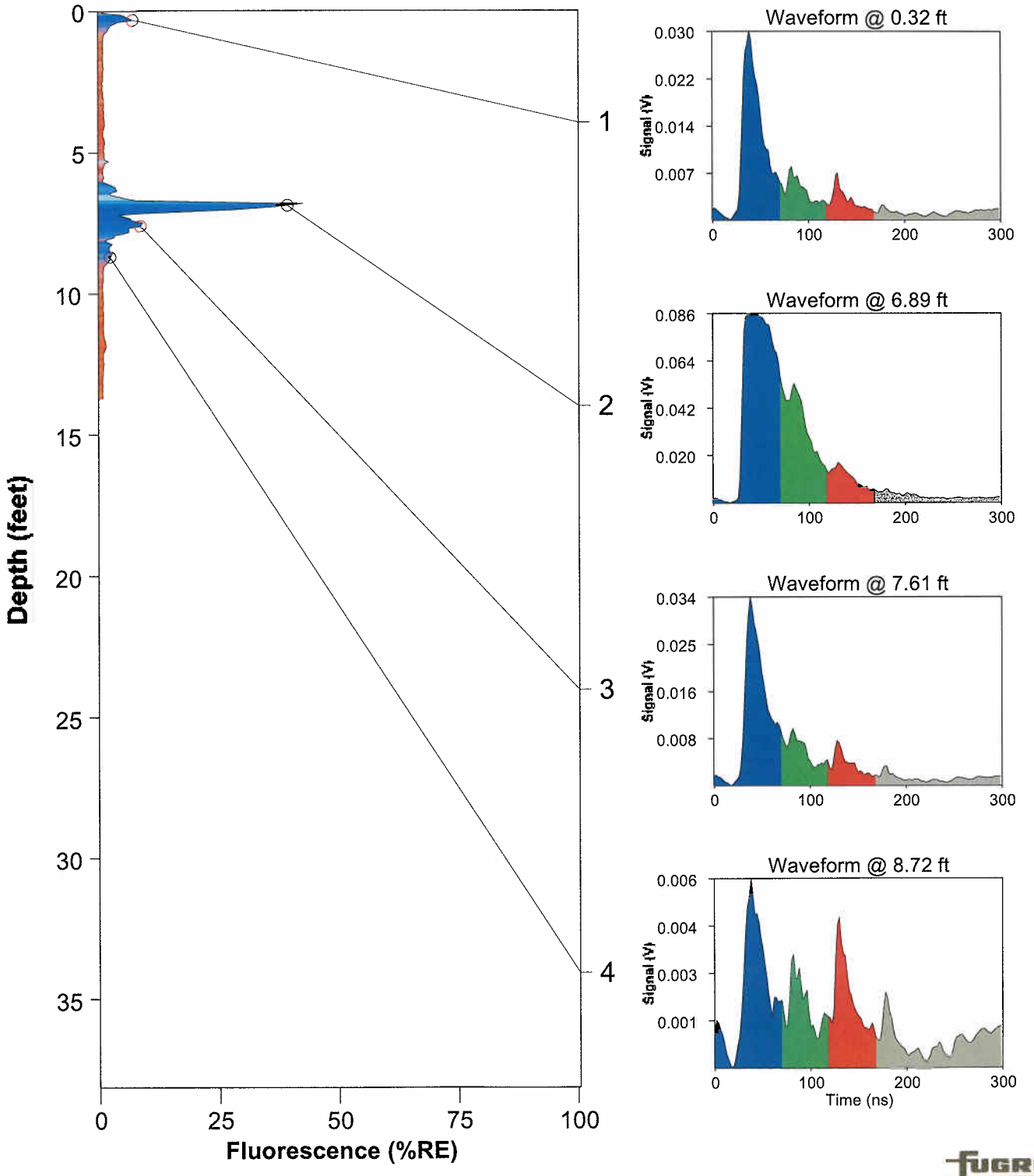


Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 3:57:13 PM	Max fluorescence: 42.34% @ 6.82 ft
ROST Unit: VI	Final depth BGS: 13.71 ft

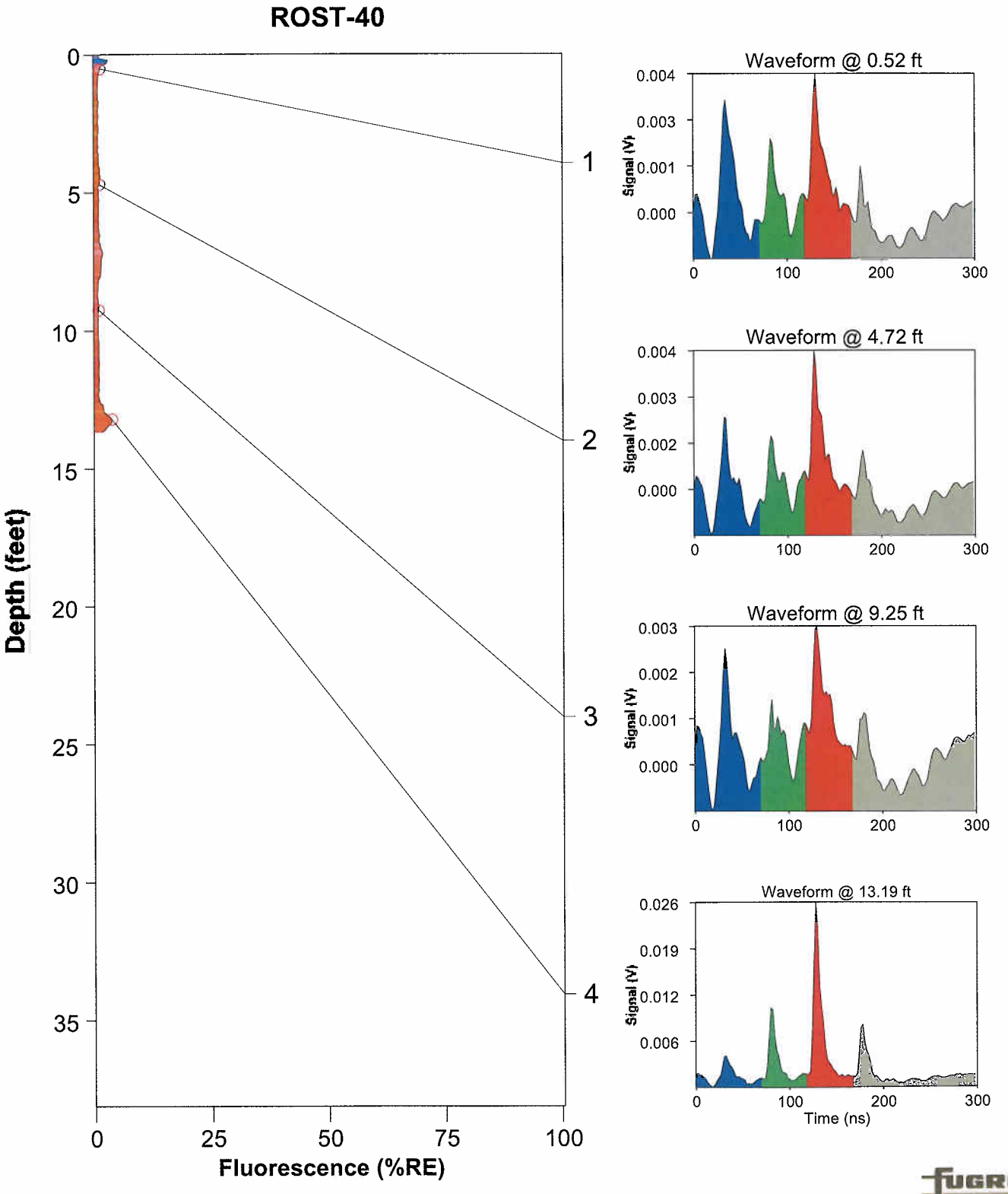
ROST-39



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

ROST Fluorescence Response Data

Site: MARINE AIR BASE, JACKSONVILLE, N.C.	Operator: JIM
Client: BAKER CORP.	Fugro Job #: 1907-0003
Date/Time: 2/1/2007 @ 4:10:39 PM	Max fluorescence: 3.40% @ 13.19 ft
ROST Unit: VI	Final depth BGS: 13.65 ft



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com

APPENDIX B

Well Installation Details

Baker
Michael Baker Jr., Inc.

TEST BORING AND WELL CONSTRUCTION RECORD

PROJECT: LSA MCAS New River
PROJ. NO.: 108826 9.4.6.17 BORING NO.: USTAS511-MW9
COORDINATES: EAST: NORTH:
ELEVATION: SURFACE: TOP OF PVC CASING:

Rig:	Split Spoon	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	--				2/5/2007	15	Sunny 50 °	6
Length	--							
Type	--							
Hammer Wt.	--							
Fall	--							

Remarks: Drilling Co. did not have the proper equipment to collect soil samples for lithologic descriptions.

SAMPLE TYPE
S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

WELL INFORMATION

Type	Diam.	Top Depth (Ft.)	Bottom Depth (Ft.)

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm) ps/bg	Visual Description	Well Installation Detail	Elevation (Ft. MSL)
1							cement bentonite grout	
2								
3							Sch. 40 PCV Riser	
4								
5	A-N						#1 Qtz sand	
6							1.5" Sch. 40 0.010 " well screen	
7								
8								
9								
10						Match to Sheet 2		

DRILLING CO.: N. Wohlgamuth BAKER REP.: D. Gaviglia
DRILLER: T N and Associates, Inc. BORING NO.: USTAS511-MW9 SHEET 1 OF 2

Baker
Michael Baker Jr., Inc.

TEST BORING AND WELL CONSTRUCTION RECORD

PROJECT: LSA MCAS New River
CTO NO.: 108826 9.4.6.17 BORING NO.: USTAS511-MW9

SAMPLE TYPE
S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Denison P = Piston N = No Sample

DEFINITIONS
SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
ps/bg = point source/background

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm) ps/bg	Visual Description	Well Installation Detail	Elevation (Ft. MSL)
11						Continued from Sheet 1		
12	A-N							
13								
14								
15								
16						Bottom of borehole @ 15-ft		
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30						Match to Sheet 3		

DRILLING CO.: N. Wohlgamuth
DRILLER: T N and Associates, Inc.
BAKER REP.: D. Gaviglia
BORING NO.: USTAS511-M SHEET 2 OF 0

Baker
Michael Baker Jr., Inc.

TEST BORING AND WELL CONSTRUCTION RECORD

PROJECT: LSA MCAS New River
PROJ. NO.: 108826 9.4.6.17 BORING NO.: USTAS511-MW10
COORDINATES: EAST: NORTH:
ELEVATION: SURFACE: TOP OF PVC CASING:

Rig:	Split Spoon	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	--				2/5/2007	15	Sunny 50 °	7
Length	--							
Type	--							
Hammer Wt.	--							
Fall	--							

Remarks: Drilling Co. did not have the proper equipment to collect soil samples for lithologic descriptions.

SAMPLE TYPE
S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

WELL INFORMATION

Type	Diam.	Top Depth (Ft.)	Bottom Depth (Ft.)

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm) ps/bg	Visual Description	Well Installation Detail	Elevation (Ft. MSL)
1							cement	
2							bentonite grout	
3							Sch. 40 PCV Riser	
4								
5	A-N						#1 Qtz sand	
6							1.5" Sch. 40 0.010 " well screen	
7								
8								
9								
10						Match to Sheet 2		

DRILLING CO.: N. Wohlgamuth BAKER REP.: D. Gaviglia
DRILLER: T N and Associates, Inc. BORING NO.: USTAS511-MW10 SHEET 1 OF 2

Baker
Michael Baker Jr., Inc.

TEST BORING AND WELL CONSTRUCTION RECORD

PROJECT: LSA MCAS New River
CTO NO.: 108826 9.4.6.17 BORING NO.: USTAS511-MW10

SAMPLE TYPE
S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Denison P = Piston N = No Sample

DEFINITIONS
SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
ps/bg = point source/background

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm) ps/bg	Visual Description	Well Installation Detail	Elevation (Ft. MSL)
11						Continued from Sheet 1		
12	A-N							
13								
14								
15								
16						Bottom of borehole @ 15-ft		
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30						Match to Sheet 3		

DRILLING CO.: N. Wohlgamuth BAKER REP.: D. Gaviglia
DRILLER: T N and Associates, Inc. BORING NO.: USTAS511-M SHEET 2 OF 0

Baker
Michael Baker Jr., Inc.

TEST BORING AND WELL CONSTRUCTION RECORD

PROJECT: LSA MCAS New River
PROJ. NO.: 108826 9.4.6.17 BORING NO.: USTAS511-MW11
COORDINATES: EAST: NORTH:
ELEVATION: SURFACE: TOP OF PVC CASING:

Rig:	Split Spoon	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	--				2/5/2007	15	Sunny 50 °	10
Length	--							
Type	--							
Hammer Wt.	--							
Fall	--							

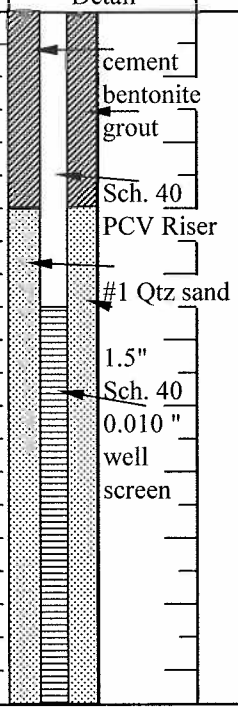
Remarks: Drilling Co. did not have the proper equipment to collect soil samples for lithologic descriptions.

SAMPLE TYPE
S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

WELL INFORMATION

Type	Diam.	Top Depth (Ft.)	Bottom Depth (Ft.)

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm) ps/bg	Visual Description	Well Installation Detail	Elevation (Ft. MSL)
1							cement	
2							bentonite grout	
3							Sch. 40 PCV Riser	
4								
5	A-N						#1 Qtz sand	
6							1.5" Sch. 40 0.010 " well screen	
7								
8								
9								
10								



Match to Sheet 2

DRILLING CO.: N. Wohlgamuth BAKER REP.: D. Gaviglia
DRILLER: T N and Associates, Inc. BORING NO.: USTAS511-MW11 SHEET 1 OF 2

Baker
Michael Baker Jr., Inc.

TEST BORING AND WELL CONSTRUCTION RECORD

PROJECT: LSA MCAS New River
CTO NO.: 108826 9.4.6.17 BORING NO.: USTAS511-MW11

SAMPLE TYPE
S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Denison P = Piston N = No Sample

DEFINITIONS
SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
ps/bg = point source/background

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm) ps/bg	Visual Description	Well Installation Detail	Elevation (Ft. MSL)
11						Continued from Sheet 1		
12	A-N							
13								
14								
15								
16						Bottom of borehole @ 15-ft		
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30						Match to Sheet 3		

DRILLING CO.: N. Wohlgamuth BAKER REP.: D. Gaviglia
DRILLER: T N and Associates, Inc. BORING NO.: USTAS511-M SHEET 2 OF 0

APPENDIX C

North Carolina Well Construction Records

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3444

1. WELL CONTRACTOR:

Neal Wohlgamuth
Well Contractor (Individual) Name

TN & Associates, Inc.
Well Contractor Company Name

STREET ADDRESS 1180 Collier Av.

Goldsboro (SJAFB) NC 27531
City or Town State Zip Code

(919)- 739-6311
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) UST AS511-MW11

STATE WELL PERMIT#(if applicable) N/A

DWQ or OTHER PERMIT #(if applicable) N/A

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation ☐ Other ☐ (list use) _____

DATE DRILLED 2/5/07

TIME COMPLETED 1300 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Jacksonville(Camp Lejeune) COUNTY Onslow

Douglas Rd. 28547
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other _____
(check appropriate box)

LATITUDE 34° 42.683 N

LONGITUDE 077° 26.821 W

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable) N/A

NAME OF FACILITY Camp Lejeune Military Reservation

STREET ADDRESS Douglas Rd.

Jacksonville(Camp Lejeune) NC 28547
City or Town State Zip Code

CONTACT PERSON Joseph Burawa

MAILING ADDRESS Airside Business Park, 100 Airside Dr.

Moon Township PA 15108
City or Town State Zip Code

(412)- 269-6075
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 15.00'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 7 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

From 7'	To 15'	From	To
From	To	From	To
From	To	From	To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 5	Ft.	1.25"	sch. 40	pvc
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 4	Ft.	Bentonite	3/8" plug (pellets)
From	To	Ft.		
From	To	Ft.		

8. SCREEN:

	Depth		Diameter		Slot Size		Material
From 5	To 15	Ft.	1.25	in.	10	in.	sch.40 pvc
From	To	Ft.		in.		in.	
From	To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

Depth			Size	Material
From 4	To 15	Ft.	#2	Sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description

11. REMARKS:

Direct push installation with flush mount completions.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Neal Wohlgamuth
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3444

1. WELL CONTRACTOR:

Neal Wohlgamuth
Well Contractor (Individual) Name

TN & Associates, Inc.
Well Contractor Company Name

STREET ADDRESS 1180 Collier Av.

Goldsboro (SJAFB) NC 27531
City or Town State Zip Code

(919)- 739-6311
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) UST AS511-MW10

STATE WELL PERMIT#(if applicable) N/A

DWQ or OTHER PERMIT #(if applicable) N/A

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation ☐ Other ☐ (list use) _____

DATE DRILLED 2/5/07

TIME COMPLETED 1200 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Jacksonville(Camp Lejeune) COUNTY Onslow

Douglas Rd. 28547
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other _____
(check appropriate box)

LATITUDE 34° 42.662 N

LONGITUDE 077° 26.766 W

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable) N/A

NAME OF FACILITY Camp Lejeune Military Reservation

STREET ADDRESS Douglas Rd.

Jacksonville(Camp Lejeune) NC 28547
City or Town State Zip Code

CONTACT PERSON Joseph Burawa

MAILING ADDRESS Airside Business Park, 100 Airside Dr.

Moon Township PA 15108
City or Town State Zip Code

(412)- 269-6075
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 15.00'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 7 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

From 7'	To 15'	From	To
From	To	From	To
From	To	From	To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 5	Ft.	1.25"	sch. 40	pvc
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 4	Ft.	Bentonite	3/8" plug (pellets)
From	To	Ft.		
From	To	Ft.		

8. SCREEN:

	Depth		Diameter		Slot Size		Material
From 5	To 15	Ft.	1.25	in.	10	in.	sch.40 pvc
From	To	Ft.		in.		in.	
From	To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 4	To 15	Ft.	#2	Sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description

11. REMARKS:

Direct push installation with flush mount completions.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Neal Wohlgamuth
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3444

1. WELL CONTRACTOR:

Neal Wohlgamuth
Well Contractor (Individual) Name

TN & Associates, Inc.
Well Contractor Company Name

STREET ADDRESS 1180 Collier Av.

Goldsboro (SJAFB) NC 27531
City or Town State Zip Code

(919)- 739-6311
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) UST AS511-MW09

STATE WELL PERMIT#(if applicable) N/A

DWQ or OTHER PERMIT #(if applicable) N/A

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use) _____

DATE DRILLED 2/5/07

TIME COMPLETED 1100 AM ☒ PM ☐

3. WELL LOCATION:

CITY: Jacksonville(Camp Lejeune) COUNTY Onslow

Douglas Rd. 28547
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:
☒ Slope ☒ Valley ☐ Flat ☐ Ridge ☐ Other _____
(check appropriate box)

LATITUDE 34° 42.666 N
LONGITUDE 077° 26.755 W

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable) N/A

NAME OF FACILITY Camp Lejeune Military Reservation

STREET ADDRESS Douglas Rd.

Jacksonville(Camp Lejeune) NC 28547
City or Town State Zip Code

CONTACT PERSON Joseph Burawa

MAILING ADDRESS Airside Business Park, 100 Airside Dr.

Moon Township PA 15108
City or Town State Zip Code

(412)- 269-6075
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 15.00'

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 7 FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** N/A **Amount** N/A

g. **WATER ZONES** (depth):

From 7'	To 15'	From	To
From	To	From	To
From	To	From	To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 5	Ft.	1.25"	sch. 40	pvc
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 4	Ft.	Bentonite	3/8" plug (pellets)
From	To	Ft.		
From	To	Ft.		

8. SCREEN:

	Depth		Diameter		Slot Size		Material
From 5	To 15	Ft.	1.25	in.	10	in.	sch.40 pvc
From	To	Ft.		in.		in.	
From	To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 4	To 15	Ft.	#2	Sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description

11. REMARKS:

Direct push installation with flush mount completions.

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

Neal Wohlgamuth
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

APPENDIX D

Analytical Results Tables

ANALYTICAL REPORT

Job Number: 680-24072-1

Job Description: New River Air Station

For:
Michael Baker Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

Attention: Mr. Joseph Burawa



Kathryn Smith
Project Manager I
kesmith@stl-inc.com
02/23/2007

Project Manager: Kathryn Smith

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the STL Project Manager who signed this report.

Client: Michael Baker Jr., Inc.
Date: 02/23/2007

Volatile GC/MS Department

Reporting Limit - Dilution, Matrix

Method 8260-Samples 680-24072-E-15, -16, 19, 20, -21, and -22 were diluted due to non target analytes. Elevated reporting limits (RLs) are provided.

Affected Items

680-24072-E-19-A
Batch: 680-67589
Method: 680-8260B
680-24072-E-20-A
Batch: 680-67589
Method: 680-8260B
680-24072-E-21-A
Batch: 680-67589
Method: 680-8260B
680-24072-E-22-A
Batch: 680-67589
Method: 680-8260B
680-24072-E-15-A
Batch: 680-67589
Method: 680-8260B
680-24072-E-16-A
Batch: 680-67589
Method: 680-8260B

Volatiles GC

Surrogate - Matrix

The surrogates were outside acceptance limits due to matrix interference.

Affected Items

680-24072-F-21-A
680-24072-F-19-A
680-24072-F-21-A
680-24072-F-19-A

METHOD SUMMARY

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Ultrasonic Extraction	STL SAV		SW846 3550B
MADEP - Volatile Petroleum Hydrocarbons	STL PEN	MA DEP MAVPH	
Closed System Purge & Trap/Methanol	STL PEN		SW846 5035
MADEP - Extractable Petroleum Hydrocarbons	STL PEN	MA DEP MA-EPH	
Automated Soxhlet Extraction	STL PEN		SW846 3541
n-Hexane Extractable Material (HEM) for Sludge, Sediment, and Solid Samples	STL PEN	SW846 9071B	
n-Hexane Extractable Material (HEM) for Sludge,	STL PEN		SW846 9071B
Percent Moisture	STL SAV	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Continuous Liquid-Liquid Extraction	STL SAV		SW846 3520C
MADEP - Volatile Petroleum Hydrocarbons	STL PEN	MA DEP MAVPH	
Purge-and-Trap	STL PEN		SW846 5030B
MADEP - Extractable Petroleum Hydrocarbons	STL PEN	MA DEP MA-EPH	
Continuous Liquid-Liquid Extraction	STL PEN		SW846 3520C

LAB REFERENCES:

STL PEN = STL Pensacola
STL SAV = STL Savannah

METHOD SUMMARY

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

METHOD REFERENCES:

EPA - US Environmental Protection Agency

MA DEP - Massachusetts Department Of Environmental Protection

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-24072-1	FB01	Water	02/06/2007 1020	02/08/2007 0948
680-24072-2	EQ01	Water	02/06/2007 1100	02/08/2007 0948
680-24072-3	EQ02	Water	02/07/2007 0730	02/08/2007 0948
680-24072-4	MW-15	Water	02/07/2007 0820	02/08/2007 0948
680-24072-5	MW-15D	Water	02/07/2007 0840	02/08/2007 0948
680-24072-6	MW-10	Water	02/07/2007 0940	02/08/2007 0948
680-24072-7	MW-09	Water	02/07/2007 1020	02/08/2007 0948
680-24072-8	MW-16	Water	02/07/2007 1125	02/08/2007 0948
680-24072-8MS	MW-16	Water	02/07/2007 1125	02/08/2007 0948
680-24072-8MSD	MW-16	Water	02/07/2007 1125	02/08/2007 0948
680-24072-9	MW-11	Water	02/07/2007 1310	02/08/2007 0948
680-24072-10	MW-04	Water	02/07/2007 1340	02/08/2007 0948
680-24072-11	MW-03	Water	02/07/2007 1510	02/08/2007 0948
680-24072-12	ROST-30	Solid	02/05/2007 1300	02/08/2007 0948
680-24072-13	ROST-30D	Solid	02/05/2007 1315	02/08/2007 0948
680-24072-14	ROST-15	Solid	02/06/2007 1230	02/08/2007 0948
680-24072-15	ROST-1	Solid	02/06/2007 1245	02/08/2007 0948
680-24072-16	ROST-10	Solid	02/06/2007 1300	02/08/2007 0948
680-24072-17	ROST-5	Solid	02/06/2007 1320	02/08/2007 0948
680-24072-18	ROST-18	Solid	02/06/2007 1415	02/08/2007 0948
680-24072-19	ROST-21	Solid	02/06/2007 1430	02/08/2007 0948
680-24072-20	ROST-40	Solid	02/06/2007 1445	02/08/2007 0948
680-24072-21	ROST-28	Solid	02/06/2007 1500	02/08/2007 0948
680-24072-22	ROST-35	Solid	02/06/2007 1530	02/08/2007 0948
680-24072-22MS	ROST-35	Solid	02/06/2007 1530	02/08/2007 0948
680-24072-22MSD	ROST-35	Solid	02/06/2007 1530	02/08/2007 0948

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: FB01

Lab Sample ID: 680-24072-1 Date Sampled: 02/06/2007 1020
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67669 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4856.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/16/2007 2228 Final Weight/Volume: 5 mL
Date Prepared: 02/16/2007 2228

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	87	79 - 122
4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	114	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ01

Lab Sample ID: 680-24072-2 Date Sampled: 02/06/2007 1100
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67669 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4858.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/16/2007 2257 Final Weight/Volume: 5 mL
Date Prepared: 02/16/2007 2257

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	90	79 - 122
4-Bromofluorobenzene	102	77 - 120
Dibromofluoromethane	111	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ02

Lab Sample ID: 680-24072-3 Date Sampled: 02/07/2007 0730
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67910 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4877.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/17/2007 1759 Final Weight/Volume: 5 mL
Date Prepared: 02/17/2007 1759

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	79 - 122
4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	118	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15

Lab Sample ID: 680-24072-4 Date Sampled: 02/07/2007 0820
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67804 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4928.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/19/2007 1630 Final Weight/Volume: 5 mL
Date Prepared: 02/19/2007 1630

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	11	J	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	1.6	J	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	5.2		0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	5.1		0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	88		0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	300		1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	79 - 122
4-Bromofluorobenzene	99	77 - 120
Dibromofluoromethane	112	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15D

Lab Sample ID: 680-24072-5 Date Sampled: 02/07/2007 0840
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67910 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4881.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/17/2007 1857 Final Weight/Volume: 5 mL
Date Prepared: 02/17/2007 1857

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	11	J	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	1.8	J	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	5.9		0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	5.8		0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	96		0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	340		1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	79 - 122
4-Bromofluorobenzene	96	77 - 120
Dibromofluoromethane	118	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-10

Lab Sample ID: 680-24072-6 Date Sampled: 02/07/2007 0940
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67910 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4883.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/17/2007 1925 Final Weight/Volume: 5 mL
Date Prepared: 02/17/2007 1925

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	11		0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	7.9		0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	7.0		0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	83		0.62	1.0
Styrene	49		0.42	1.0
Xylenes, Total	61		1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	79 - 122
4-Bromofluorobenzene	104	77 - 120
Dibromofluoromethane	118	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-09

Lab Sample ID: 680-24072-7 Date Sampled: 02/07/2007 1020
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67679 Instrument ID: GC/MS Volatiles - O
Preparation: 5030B Lab File ID: o4857.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/16/2007 2242 Final Weight/Volume: 5 mL
Date Prepared: 02/16/2007 2242

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	3.0	J	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	0.57	J	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U *	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	3.5		0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	11		1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	85	79 - 122
4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	110	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-16

Lab Sample ID: 680-24072-8 Date Sampled: 02/07/2007 1125
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67679 Instrument ID: GC/MS Volatiles - O
Preparation: 5030B Lab File ID: o4859.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/16/2007 2311 Final Weight/Volume: 5 mL
Date Prepared: 02/16/2007 2311

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	3.1	J	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.6		1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	79 - 122
4-Bromofluorobenzene	102	77 - 120
Dibromofluoromethane	111	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-11

Lab Sample ID: 680-24072-9 Date Sampled: 02/07/2007 1310
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67910 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4885.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/17/2007 1954 Final Weight/Volume: 5 mL
Date Prepared: 02/17/2007 1954

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	5.2		0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	79 - 122
4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	119	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-04

Lab Sample ID: 680-24072-10 Date Sampled: 02/07/2007 1340
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67910 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4887.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/17/2007 2022 Final Weight/Volume: 5 mL
Date Prepared: 02/17/2007 2022

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	79 - 122
4-Bromofluorobenzene	104	77 - 120
Dibromofluoromethane	117	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-03

Lab Sample ID: 680-24072-11 Date Sampled: 02/07/2007 1510
Client Matrix: Water Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67910 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: o4889.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 02/17/2007 2051 Final Weight/Volume: 5 mL
Date Prepared: 02/17/2007 2051

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	79 - 122
4-Bromofluorobenzene	104	77 - 120
Dibromofluoromethane	116	75 - 123

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-30

Lab Sample ID: 680-24072-12 Date Sampled: 02/05/2007 1300
Client Matrix: Solid % Moisture: 11.8 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67694 Instrument ID: GC/MS Volatiles - M
Preparation: N/A Lab File ID: m0208.d
Dilution: 1.0 Initial Weight/Volume: 5 g
Date Analyzed: 02/18/2007 1541 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		5.7	U	0.79	5.7
Carbon disulfide		3.2	J	1.1	5.7
Bromomethane		5.7	U	1.5	5.7
Vinyl chloride		5.7	U	1.0	5.7
Chloroethane		5.7	U	1.7	5.7
Methylene Chloride		5.7	U	1.8	5.7
Acetone		72		3.4	57
1,1-Dichloroethene		5.7	U	1.2	5.7
1,1-Dichloroethane		5.7	U	1.1	5.7
cis-1,2-Dichloroethene		5.7	U	1.0	5.7
trans-1,2-Dichloroethene		5.7	U	1.2	5.7
Chloroform		5.7	U	1.0	5.7
1,2-Dichloroethane		5.7	U	1.4	5.7
Methyl Ethyl Ketone		16	J	4.5	28
1,1,1-Trichloroethane		5.7	U	0.96	5.7
Carbon tetrachloride		5.7	U	1.0	5.7
Dichlorobromomethane		5.7	U	1.1	5.7
1,1,2,2-Tetrachloroethane		5.7	U	1.1	5.7
1,2-Dichloropropane		5.7	U	1.5	5.7
trans-1,3-Dichloropropene		5.7	U	1.2	5.7
Trichloroethene		5.7	U	1.4	5.7
Chlorodibromomethane		5.7	U	1.2	5.7
1,1,2-Trichloroethane		5.7	U	1.4	5.7
Benzene		2.4	J	0.98	5.7
cis-1,3-Dichloropropene		5.7	U	1.0	5.7
Bromoform		5.7	U	2.5	5.7
2-Hexanone		28	U	6.1	28
methyl isobutyl ketone		28	U	6.6	28
Tetrachloroethene		5.7	U	1.1	5.7
Toluene		5.7	U	1.1	5.7
Chlorobenzene		5.7	U	0.78	5.7
Ethylbenzene		41		0.99	5.7
Styrene		5.7	U	0.96	5.7
Xylenes, Total		11	U	2.3	11

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	65 - 128
4-Bromofluorobenzene	103	68 - 121
Dibromofluoromethane	93	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-30D

Lab Sample ID: 680-24072-13 Date Sampled: 02/05/2007 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67694 Instrument ID: GC/MS Volatiles - M
Preparation: N/A Lab File ID: m0209.d
Dilution: 1.0 Initial Weight/Volume: 5 g
Date Analyzed: 02/18/2007 1604 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		5.4	U	0.75	5.4
Carbon disulfide		5.4	U	1.1	5.4
Bromomethane		5.4	U	1.4	5.4
Vinyl chloride		5.4	U	0.99	5.4
Chloroethane		5.4	U	1.6	5.4
Methylene Chloride		5.4	U	1.7	5.4
Acetone		23	J	3.2	54
1,1-Dichloroethene		5.4	U	1.2	5.4
1,1-Dichloroethane		5.4	U	1.1	5.4
cis-1,2-Dichloroethene		5.4	U	0.95	5.4
trans-1,2-Dichloroethene		5.4	U	1.2	5.4
Chloroform		5.4	U	0.95	5.4
1,2-Dichloroethane		5.4	U	1.3	5.4
Methyl Ethyl Ketone		6.1	J	4.3	27
1,1,1-Trichloroethane		5.4	U	0.92	5.4
Carbon tetrachloride		5.4	U	0.96	5.4
Dichlorobromomethane		5.4	U	1.1	5.4
1,1,2,2-Tetrachloroethane		5.4	U	1.1	5.4
1,2-Dichloropropane		5.4	U	1.4	5.4
trans-1,3-Dichloropropene		5.4	U	1.2	5.4
Trichloroethene		5.4	U	1.3	5.4
Chlorodibromomethane		5.4	U	1.2	5.4
1,1,2-Trichloroethane		5.4	U	1.3	5.4
Benzene		1.5	J	0.93	5.4
cis-1,3-Dichloropropene		5.4	U	0.98	5.4
Bromoform		5.4	U	2.4	5.4
2-Hexanone		27	U	5.8	27
methyl isobutyl ketone		27	U	6.3	27
Tetrachloroethene		5.4	U	1.1	5.4
Toluene		5.4	U	1.1	5.4
Chlorobenzene		5.4	U	0.74	5.4
Ethylbenzene		30		0.94	5.4
Styrene		5.4	U	0.92	5.4
Xylenes, Total		11	U	2.2	11

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	65 - 128
4-Bromofluorobenzene	100	68 - 121
Dibromofluoromethane	90	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-15

Lab Sample ID: 680-24072-14 Date Sampled: 02/06/2007 1230
Client Matrix: Solid % Moisture: 18.1 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67694 Instrument ID: GC/MS Volatiles - M
Preparation: N/A Lab File ID: m0210.d
Dilution: 1.0 Initial Weight/Volume: 5 g
Date Analyzed: 02/18/2007 1627 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		6.1	U	0.86	6.1
Carbon disulfide		6.1	U	1.2	6.1
Bromomethane		6.1	U	1.6	6.1
Vinyl chloride		6.1	U	1.1	6.1
Chloroethane		6.1	U	1.8	6.1
Methylene Chloride		6.1	U	2.0	6.1
Acetone		62		3.7	61
1,1-Dichloroethene		6.1	U	1.3	6.1
1,1-Dichloroethane		6.1	U	1.2	6.1
cis-1,2-Dichloroethene		6.1	U	1.1	6.1
trans-1,2-Dichloroethene		6.1	U	1.3	6.1
Chloroform		6.1	U	1.1	6.1
1,2-Dichloroethane		6.1	U	1.5	6.1
Methyl Ethyl Ketone		9.6	J	4.9	31
1,1,1-Trichloroethane		6.1	U	1.0	6.1
Carbon tetrachloride		6.1	U	1.1	6.1
Dichlorobromomethane		6.1	U	1.2	6.1
1,1,2,2-Tetrachloroethane		6.1	U	1.2	6.1
1,2-Dichloropropane		6.1	U	1.6	6.1
trans-1,3-Dichloropropene		6.1	U	1.3	6.1
Trichloroethene		6.1	U	1.5	6.1
Chlorodibromomethane		6.1	U	1.3	6.1
1,1,2-Trichloroethane		6.1	U	1.5	6.1
Benzene		6.1	U	1.1	6.1
cis-1,3-Dichloropropene		6.1	U	1.1	6.1
Bromoform		6.1	U	2.7	6.1
2-Hexanone		31	U	6.6	31
methyl isobutyl ketone		31	U	7.1	31
Tetrachloroethene		6.1	U	1.2	6.1
Toluene		6.1	U	1.2	6.1
Chlorobenzene		6.1	U	0.84	6.1
Ethylbenzene		6.1	U	1.1	6.1
Styrene		6.1	U	1.0	6.1
Xylenes, Total		12	U	2.4	12

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	65 - 128
4-Bromofluorobenzene	94	68 - 121
Dibromofluoromethane	97	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-1

Lab Sample ID: 680-24072-15 Date Sampled: 02/06/2007 1245
Client Matrix: Solid % Moisture: 29.7 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67589 Instrument ID: GC/MS Volatiles - M
Preparation: 5035 Prep Batch: 680-67527 Lab File ID: m0157.d
Dilution: 40 Initial Weight/Volume: 7.1 g
Date Analyzed: 02/16/2007 1039 Final Weight/Volume: 5 g
Date Prepared: 02/15/2007 1234

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		200	U	28	200
Carbon disulfide		200	U	40	200
Bromomethane		200	U	52	200
Vinyl chloride		200	U	37	200
Chloroethane		200	U	60	200
Methylene Chloride		200	U	64	200
Acetone		2000	U	120	2000
1,1-Dichloroethene		200	U	44	200
1,1-Dichloroethane		200	U	40	200
cis-1,2-Dichloroethene		200	U	35	200
trans-1,2-Dichloroethene		200	U	44	200
Chloroform		200	U	35	200
1,2-Dichloroethane		200	U	48	200
Methyl Ethyl Ketone		1000	U	160	1000
1,1,1-Trichloroethane		200	U	34	200
Carbon tetrachloride		200	U	36	200
Dichlorobromomethane		200	U	40	200
1,1,2,2-Tetrachloroethane		200	U	40	200
1,2-Dichloropropane		200	U	52	200
trans-1,3-Dichloropropene		200	U	44	200
Trichloroethene		200	U	48	200
Chlorodibromomethane		200	U	44	200
1,1,2-Trichloroethane		200	U	48	200
Benzene		200	U	34	200
cis-1,3-Dichloropropene		200	U	36	200
Bromoform		200	U	88	200
2-Hexanone		1000	U	220	1000
methyl isobutyl ketone		1000	U	230	1000
Tetrachloroethene		200	U	40	200
Toluene		200	U	40	200
Chlorobenzene		200	U	28	200
Ethylbenzene		66	J	35	200
Styrene		200	U	34	200
Xylenes, Total		330	J	80	400

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	75	65 - 128
4-Bromofluorobenzene	86	68 - 121
Dibromofluoromethane	88	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-10

Lab Sample ID: 680-24072-16 Date Sampled: 02/06/2007 1300
Client Matrix: Solid % Moisture: 22.8 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67589 Instrument ID: GC/MS Volatiles - M
Preparation: 5035 Prep Batch: 680-67527 Lab File ID: m0158.d
Dilution: 40 Initial Weight/Volume: 8.6 g
Date Analyzed: 02/16/2007 1101 Final Weight/Volume: 5 g
Date Prepared: 02/15/2007 1234

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		150	U	21	150
Carbon disulfide		150	U	30	150
Bromomethane		150	U	39	150
Vinyl chloride		150	U	28	150
Chloroethane		150	U	45	150
Methylene Chloride		150	U	48	150
Acetone		1500	U	90	1500
1,1-Dichloroethene		150	U	33	150
1,1-Dichloroethane		150	U	30	150
cis-1,2-Dichloroethene		150	U	27	150
trans-1,2-Dichloroethene		150	U	33	150
Chloroform		150	U	27	150
1,2-Dichloroethane		150	U	36	150
Methyl Ethyl Ketone		750	U	120	750
1,1,1-Trichloroethane		150	U	26	150
Carbon tetrachloride		150	U	27	150
Dichlorobromomethane		150	U	30	150
1,1,2,2-Tetrachloroethane		150	U	30	150
1,2-Dichloropropane		150	U	39	150
trans-1,3-Dichloropropene		150	U	33	150
Trichloroethene		150	U	36	150
Chlorodibromomethane		150	U	33	150
1,1,2-Trichloroethane		150	U	36	150
Benzene		150	U	26	150
cis-1,3-Dichloropropene		150	U	27	150
Bromoform		150	U	66	150
2-Hexanone		750	U	160	750
methyl isobutyl ketone		750	U	170	750
Tetrachloroethene		150	U	30	150
Toluene		150	U	30	150
Chlorobenzene		150	U	21	150
Ethylbenzene		150	U	26	150
Styrene		150	U	26	150
Xylenes, Total		300	U	60	300

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	81	65 - 128
4-Bromofluorobenzene	95	68 - 121
Dibromofluoromethane	91	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-5

Lab Sample ID: 680-24072-17 Date Sampled: 02/06/2007 1320
Client Matrix: Solid % Moisture: 27.0 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67725 Instrument ID: GC/MS Volatiles - M
Preparation: N/A Lab File ID: m0226.d
Dilution: 1.0 Initial Weight/Volume: 3.6 g
Date Analyzed: 02/19/2007 1209 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		9.5	U	1.3	9.5
Carbon disulfide		9.5	U	1.9	9.5
Bromomethane		9.5	U	2.5	9.5
Vinyl chloride		9.5	U	1.7	9.5
Chloroethane		9.5	U	2.9	9.5
Methylene Chloride		9.5	U	3.0	9.5
Acetone		24	J *	5.7	95
1,1-Dichloroethene		9.5	U	2.1	9.5
1,1-Dichloroethane		9.5	U	1.9	9.5
cis-1,2-Dichloroethene		9.5	U	1.7	9.5
trans-1,2-Dichloroethene		9.5	U	2.1	9.5
Chloroform		9.5	U	1.7	9.5
1,2-Dichloroethane		9.5	U	2.3	9.5
Methyl Ethyl Ketone		48	U	7.6	48
1,1,1-Trichloroethane		9.5	U	1.6	9.5
Carbon tetrachloride		9.5	U	1.7	9.5
Dichlorobromomethane		9.5	U	1.9	9.5
1,1,2,2-Tetrachloroethane		9.5	U	1.9	9.5
1,2-Dichloropropane		9.5	U *	2.5	9.5
trans-1,3-Dichloropropene		9.5	U	2.1	9.5
Trichloroethene		9.5	U	2.3	9.5
Chlorodibromomethane		9.5	U	2.1	9.5
1,1,2-Trichloroethane		9.5	U	2.3	9.5
Benzene		9.5	U	1.6	9.5
cis-1,3-Dichloropropene		9.5	U	1.7	9.5
Bromoform		9.5	U	4.2	9.5
2-Hexanone		48	U	10	48
methyl isobutyl ketone		48	U	11	48
Tetrachloroethene		9.5	U	1.9	9.5
Toluene		9.5	U	1.9	9.5
Chlorobenzene		9.5	U	1.3	9.5
Ethylbenzene		9.5	U	1.7	9.5
Styrene		9.5	U	1.6	9.5
Xylenes, Total		19	U	3.8	19

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	65 - 128
4-Bromofluorobenzene	96	68 - 121
Dibromofluoromethane	93	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-18

Lab Sample ID: 680-24072-18 Date Sampled: 02/06/2007 1415
Client Matrix: Solid % Moisture: 16.1 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67725 Instrument ID: GC/MS Volatiles - M
Preparation: N/A Lab File ID: m0227.d
Dilution: 1.0 Initial Weight/Volume: 7 g
Date Analyzed: 02/19/2007 1232 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		4.3	U	0.60	4.3
Carbon disulfide		5.0		0.85	4.3
Bromomethane		4.3	U	1.1	4.3
Vinyl chloride		4.3	U	0.78	4.3
Chloroethane		4.3	U	1.3	4.3
Methylene Chloride		4.3	U	1.4	4.3
Acetone		79	*	2.6	43
1,1-Dichloroethene		4.3	U	0.94	4.3
1,1-Dichloroethane		4.3	U	0.85	4.3
cis-1,2-Dichloroethene		4.3	U	0.75	4.3
trans-1,2-Dichloroethene		4.3	U	0.94	4.3
Chloroform		4.3	U	0.75	4.3
1,2-Dichloroethane		4.3	U	1.0	4.3
Methyl Ethyl Ketone		9.9	J	3.4	21
1,1,1-Trichloroethane		4.3	U	0.72	4.3
Carbon tetrachloride		4.3	U	0.76	4.3
Dichlorobromomethane		4.3	U	0.85	4.3
1,1,2,2-Tetrachloroethane		4.3	U	0.85	4.3
1,2-Dichloropropane		4.3	U *	1.1	4.3
trans-1,3-Dichloropropene		4.3	U	0.94	4.3
Trichloroethene		4.3	U	1.0	4.3
Chlorodibromomethane		4.3	U	0.94	4.3
1,1,2-Trichloroethane		4.3	U	1.0	4.3
Benzene		1.5	J	0.73	4.3
cis-1,3-Dichloropropene		4.3	U	0.77	4.3
Bromoform		4.3	U	1.9	4.3
2-Hexanone		21	U	4.6	21
methyl isobutyl ketone		21	U	4.9	21
Tetrachloroethene		4.3	U	0.85	4.3
Toluene		4.3	U	0.85	4.3
Chlorobenzene		4.3	U	0.59	4.3
Ethylbenzene		23		0.74	4.3
Styrene		4.3	U	0.72	4.3
Xylenes, Total		11		1.7	8.5

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	65 - 128
4-Bromofluorobenzene	99	68 - 121
Dibromofluoromethane	81	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-21

Lab Sample ID: 680-24072-19 Date Sampled: 02/06/2007 1430
Client Matrix: Solid % Moisture: 18.7 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67589 Instrument ID: GC/MS Volatiles - M
Preparation: 5035 Prep Batch: 680-67527 Lab File ID: m0163.d
Dilution: 500 Initial Weight/Volume: 6.9 g
Date Analyzed: 02/16/2007 1313 Final Weight/Volume: 5 g
Date Prepared: 02/15/2007 1234

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2200	U	310	2200
Carbon disulfide		2200	U	450	2200
Bromomethane		2200	U	580	2200
Vinyl chloride		2200	U	410	2200
Chloroethane		2200	U	670	2200
Methylene Chloride		2200	U	710	2200
Acetone		22000	U	1300	22000
1,1-Dichloroethene		2200	U	490	2200
1,1-Dichloroethane		2200	U	450	2200
cis-1,2-Dichloroethene		2200	U	390	2200
trans-1,2-Dichloroethene		2200	U	490	2200
Chloroform		2200	U	390	2200
1,2-Dichloroethane		2200	U	530	2200
Methyl Ethyl Ketone		11000	U	1800	11000
1,1,1-Trichloroethane		2200	U	380	2200
Carbon tetrachloride		2200	U	400	2200
Dichlorobromomethane		2200	U	450	2200
1,1,2,2-Tetrachloroethane		2200	U	450	2200
1,2-Dichloropropane		2200	U	580	2200
trans-1,3-Dichloropropene		2200	U	490	2200
Trichloroethene		2200	U	530	2200
Chlorodibromomethane		2200	U	490	2200
1,1,2-Trichloroethane		2200	U	530	2200
Benzene		2200	U	380	2200
cis-1,3-Dichloropropene		2200	U	410	2200
Bromoform		2200	U	980	2200
2-Hexanone		11000	U	2400	11000
methyl isobutyl ketone		11000	U	2600	11000
Tetrachloroethene		2200	U	450	2200
Toluene		2200	U	450	2200
Chlorobenzene		2200	U	310	2200
Ethylbenzene		8300		390	2200
Styrene		2200	U	380	2200
Xylenes, Total		3600	J	890	4500

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	0	D	65 - 128
4-Bromofluorobenzene	0	D	68 - 121
Dibromofluoromethane	0	D	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-40

Lab Sample ID: 680-24072-20 Date Sampled: 02/06/2007 1445
Client Matrix: Solid % Moisture: 28.2 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67589 Instrument ID: GC/MS Volatiles - M
Preparation: 5035 Prep Batch: 680-67527 Lab File ID: m0164.d
Dilution: 40 Initial Weight/Volume: 6.8 g
Date Analyzed: 02/16/2007 1335 Final Weight/Volume: 5 g
Date Prepared: 02/15/2007 1234

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		200	U	29	200
Carbon disulfide		200	U	41	200
Bromomethane		200	U	53	200
Vinyl chloride		200	U	38	200
Chloroethane		200	U	61	200
Methylene Chloride		200	U	66	200
Acetone		2000	U	120	2000
1,1-Dichloroethene		200	U	45	200
1,1-Dichloroethane		200	U	41	200
cis-1,2-Dichloroethene		200	U	36	200
trans-1,2-Dichloroethene		200	U	45	200
Chloroform		200	U	36	200
1,2-Dichloroethane		200	U	49	200
Methyl Ethyl Ketone		1000	U	160	1000
1,1,1-Trichloroethane		200	U	35	200
Carbon tetrachloride		200	U	36	200
Dichlorobromomethane		200	U	41	200
1,1,2,2-Tetrachloroethane		200	U	41	200
1,2-Dichloropropane		200	U	53	200
trans-1,3-Dichloropropene		200	U	45	200
Trichloroethene		200	U	49	200
Chlorodibromomethane		200	U	45	200
1,1,2-Trichloroethane		200	U	49	200
Benzene		200	U	35	200
cis-1,3-Dichloropropene		200	U	37	200
Bromoform		200	U	90	200
2-Hexanone		1000	U	220	1000
methyl isobutyl ketone		1000	U	240	1000
Tetrachloroethene		200	U	41	200
Toluene		200	U	41	200
Chlorobenzene		200	U	28	200
Ethylbenzene		76	J	36	200
Styrene		200	U	35	200
Xylenes, Total		410	U	82	410

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	73	65 - 128
4-Bromofluorobenzene	84	68 - 121
Dibromofluoromethane	86	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-28

Lab Sample ID: 680-24072-21 Date Sampled: 02/06/2007 1500
Client Matrix: Solid % Moisture: 27.9 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67589 Instrument ID: GC/MS Volatiles - M
Preparation: 5035 Prep Batch: 680-67527 Lab File ID: m0165.d
Dilution: 500 Initial Weight/Volume: 6.7 g
Date Analyzed: 02/16/2007 1358 Final Weight/Volume: 5 g
Date Prepared: 02/15/2007 1234

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2600	U	360	2600
Carbon disulfide		2600	U	520	2600
Bromomethane		2600	U	670	2600
Vinyl chloride		2600	U	480	2600
Chloroethane		2600	U	780	2600
Methylene Chloride		2600	U	830	2600
Acetone		26000	U	1600	26000
1,1-Dichloroethene		2600	U	570	2600
1,1-Dichloroethane		2600	U	520	2600
cis-1,2-Dichloroethene		2600	U	460	2600
trans-1,2-Dichloroethene		2600	U	570	2600
Chloroform		2600	U	460	2600
1,2-Dichloroethane		2600	U	620	2600
Methyl Ethyl Ketone		13000	U	2100	13000
1,1,1-Trichloroethane		2600	U	440	2600
Carbon tetrachloride		2600	U	460	2600
Dichlorobromomethane		2600	U	520	2600
1,1,2,2-Tetrachloroethane		2600	U	520	2600
1,2-Dichloropropane		2600	U	670	2600
trans-1,3-Dichloropropene		2600	U	570	2600
Trichloroethene		2600	U	620	2600
Chlorodibromomethane		2600	U	570	2600
1,1,2-Trichloroethane		2600	U	620	2600
Benzene		2600	U	450	2600
cis-1,3-Dichloropropene		2600	U	470	2600
Bromoform		2600	U	1100	2600
2-Hexanone		13000	U	2800	13000
methyl isobutyl ketone		13000	U	3000	13000
Tetrachloroethene		2600	U	520	2600
Toluene		2600	U	520	2600
Chlorobenzene		2600	U	360	2600
Ethylbenzene		2500	J	450	2600
Styrene		2600	U	440	2600
Xylenes, Total		5500		1000	5200

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	0	D	65 - 128
4-Bromofluorobenzene	0	D	68 - 121
Dibromofluoromethane	0	D	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-35

Lab Sample ID: 680-24072-22 Date Sampled: 02/06/2007 1530
Client Matrix: Solid % Moisture: 17.7 Date Received: 02/08/2007 0948

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-67589 Instrument ID: GC/MS Volatiles - M
Preparation: 5035 Prep Batch: 680-67527 Lab File ID: m0166.d
Dilution: 500 Initial Weight/Volume: 7.0 g
Date Analyzed: 02/16/2007 1421 Final Weight/Volume: 5 g
Date Prepared: 02/15/2007 1234

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		2200	U	300	2200
Carbon disulfide		2200	U	430	2200
Bromomethane		2200	U	560	2200
Vinyl chloride		2200	U	400	2200
Chloroethane		2200	U	650	2200
Methylene Chloride		2200	U	690	2200
Acetone		22000	U	1300	22000
1,1-Dichloroethene		2200	U	480	2200
1,1-Dichloroethane		2200	U	430	2200
cis-1,2-Dichloroethene		2200	U	380	2200
trans-1,2-Dichloroethene		2200	U	480	2200
Chloroform		2200	U	380	2200
1,2-Dichloroethane		2200	U	520	2200
Methyl Ethyl Ketone		11000	U	1700	11000
1,1,1-Trichloroethane		2200	U	370	2200
Carbon tetrachloride		2200	U	390	2200
Dichlorobromomethane		2200	U	430	2200
1,1,2,2-Tetrachloroethane		2200	U	430	2200
1,2-Dichloropropane		2200	U	560	2200
trans-1,3-Dichloropropene		2200	U	480	2200
Trichloroethene		2200	U	520	2200
Chlorodibromomethane		2200	U	480	2200
1,1,2-Trichloroethane		2200	U	520	2200
Benzene		2200	U	370	2200
cis-1,3-Dichloropropene		2200	U	390	2200
Bromoform		2200	U	950	2200
2-Hexanone		11000	U	2300	11000
methyl isobutyl ketone		11000	U	2500	11000
Tetrachloroethene		2200	U	430	2200
Toluene		2200	U	430	2200
Chlorobenzene		2200	U	300	2200
Ethylbenzene		3400		380	2200
Styrene		2200	U	370	2200
Xylenes, Total		2800	J	870	4300

Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	0	D	65 - 128
4-Bromofluorobenzene	0	D	68 - 121
Dibromofluoromethane	0	D	66 - 127

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: FB01

Lab Sample ID: 680-24072-1
Client Matrix: Water

Date Sampled: 02/06/2007 1020
Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/12/2007 1503
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67476
Prep Batch: 680-67006

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5834.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	9.8	U	0.98	9.8
Benzo[k]fluoranthene	9.8	U	0.72	9.8
Acenaphthene	9.8	U	0.63	9.8
Acenaphthylene	9.8	U	0.57	9.8
Benzo[a]anthracene	9.8	U	0.57	9.8
Benzo[a]pyrene	9.8	U	0.98	9.8
Benzo[b]fluoranthene	9.8	U	0.76	9.8
1-Methylnaphthalene	9.8	U	0.61	9.8
2-Methylnaphthalene	9.8	U	0.52	9.8
Chrysene	9.8	U	0.98	9.8
Dibenz(a,h)anthracene	9.8	U	0.98	9.8
Fluoranthene	9.8	U	0.98	9.8
Fluorene	9.8	U	0.54	9.8
Indeno[1,2,3-cd]pyrene	9.8	U	0.61	9.8
Naphthalene	9.8	U	0.75	9.8
Phenanthrene	9.8	U	0.73	9.8
Pyrene	9.8	U	0.98	9.8
Anthracene	9.8	U	0.86	9.8

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	77	59 - 103
Nitrobenzene-d5	71	60 - 102
Terphenyl-d14	87	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ01

Lab Sample ID: 680-24072-2 Date Sampled: 02/06/2007 1100
Client Matrix: Water Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/11/2007 1356
Date Prepared: 02/09/2007 0819
Analysis Batch: 680-67108
Prep Batch: 680-67006
Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5820.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	9.8	U	0.98	9.8
Benzo[k]fluoranthene	9.8	U	0.72	9.8
Acenaphthene	9.8	U	0.63	9.8
Acenaphthylene	9.8	U	0.57	9.8
Benzo[a]anthracene	9.8	U	0.57	9.8
Benzo[a]pyrene	9.8	U	0.98	9.8
Benzo[b]fluoranthene	9.8	U	0.76	9.8
1-Methylnaphthalene	9.8	U	0.61	9.8
2-Methylnaphthalene	9.8	U	0.52	9.8
Chrysene	9.8	U	0.98	9.8
Dibenz(a,h)anthracene	9.8	U	0.98	9.8
Fluoranthene	9.8	U	0.98	9.8
Fluorene	9.8	U	0.54	9.8
Indeno[1,2,3-cd]pyrene	9.8	U	0.61	9.8
Naphthalene	9.8	U	0.75	9.8
Phenanthrene	9.8	U	0.73	9.8
Pyrene	9.8	U	0.98	9.8
Anthracene	9.8	U	0.86	9.8

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	61		59 - 103
Nitrobenzene-d5	49	X	60 - 102
Terphenyl-d14	73		10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ02

Lab Sample ID: 680-24072-3
Client Matrix: Water

Date Sampled: 02/07/2007 0730
Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/11/2007 1422
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67108
Prep Batch: 680-67006

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5821.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	9.8	U	0.98	9.8
Benzo[k]fluoranthene	9.8	U	0.72	9.8
Acenaphthene	9.8	U	0.63	9.8
Acenaphthylene	9.8	U	0.57	9.8
Benzo[a]anthracene	9.8	U	0.57	9.8
Benzo[a]pyrene	9.8	U	0.98	9.8
Benzo[b]fluoranthene	9.8	U	0.76	9.8
1-Methylnaphthalene	9.8	U	0.61	9.8
2-Methylnaphthalene	9.8	U	0.52	9.8
Chrysene	9.8	U	0.98	9.8
Dibenz(a,h)anthracene	9.8	U	0.98	9.8
Fluoranthene	9.8	U	0.98	9.8
Fluorene	9.8	U	0.54	9.8
Indeno[1,2,3-cd]pyrene	9.8	U	0.61	9.8
Naphthalene	9.8	U	0.75	9.8
Phenanthrene	9.8	U	0.73	9.8
Pyrene	9.8	U	0.98	9.8
Anthracene	9.8	U	0.86	9.8

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	72	59 - 103
Nitrobenzene-d5	67	60 - 102
Terphenyl-d14	73	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15

Lab Sample ID: 680-24072-4 Date Sampled: 02/07/2007 0820
Client Matrix: Water Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67478 Instrument ID: GC/MS SemiVolatiles
Preparation: 3520C Prep Batch: 680-67006 Lab File ID: j5202.d
Dilution: 1.0 Initial Weight/Volume: 960 mL
Date Analyzed: 02/15/2007 0229 Final Weight/Volume: 1 mL
Date Prepared: 02/09/2007 0819 Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	10	U	1.0	10
Benzo[k]fluoranthene	10	U	0.76	10
Acenaphthene	10	U	0.67	10
Acenaphthylene	10	U	0.60	10
Benzo[a]anthracene	10	U	0.60	10
Benzo[a]pyrene	10	U	1.0	10
Benzo[b]fluoranthene	10	U	0.81	10
1-Methylnaphthalene	100		0.65	10
2-Methylnaphthalene	140		0.55	10
Chrysene	10	U	1.0	10
Dibenz(a,h)anthracene	10	U	1.0	10
Fluoranthene	10	U	1.0	10
Fluorene	0.86	J	0.57	10
Indeno[1,2,3-cd]pyrene	10	U	0.65	10
Naphthalene	250	E	0.79	10
Phenanthrene	10	U	0.77	10
Pyrene	10	U	1.0	10
Anthracene	10	U	0.92	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	59 - 103
Nitrobenzene-d5	81	60 - 102
Terphenyl-d14	43	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15

Lab Sample ID: 680-24072-4 Date Sampled: 02/07/2007 0820
Client Matrix: Water Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67478 Instrument ID: GC/MS SemiVolatiles
Preparation: 3520C Prep Batch: 680-67006 Lab File ID: j5201.d
Dilution: 2.0 Initial Weight/Volume: 960 mL
Date Analyzed: 02/15/2007 0159 Run Type: DL Final Weight/Volume: 1 mL
Date Prepared: 02/09/2007 0819 Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	21	U	2.1	21
Benzo[k]fluoranthene	21	U	1.5	21
Acenaphthene	21	U	1.3	21
Acenaphthylene	21	U	1.2	21
Benzo[a]anthracene	21	U	1.2	21
Benzo[a]pyrene	21	U	2.1	21
Benzo[b]fluoranthene	21	U	1.6	21
1-Methylnaphthalene	100	D	1.3	21
2-Methylnaphthalene	130	D	1.1	21
Chrysene	21	U	2.1	21
Dibenz(a,h)anthracene	21	U	2.1	21
Fluoranthene	21	U	2.1	21
Fluorene	21	U	1.1	21
Indeno[1,2,3-cd]pyrene	21	U	1.3	21
Naphthalene	250	D	1.6	21
Phenanthrene	21	U	1.5	21
Pyrene	21	U	2.1	21
Anthracene	21	U	1.8	21

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	62		59 - 103
Nitrobenzene-d5	78		60 - 102
Terphenyl-d14	0	D	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15D

Lab Sample ID: 680-24072-5
Client Matrix: Water

Date Sampled: 02/07/2007 0840
Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/11/2007 1515
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67108
Prep Batch: 680-67006

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5823.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	10	U	1.0	10
Benzo[k]fluoranthene	10	U	0.73	10
Acenaphthene	10	U	0.64	10
Acenaphthylene	10	U	0.58	10
Benzo[a]anthracene	10	U	0.58	10
Benzo[a]pyrene	10	U	1.0	10
Benzo[b]fluoranthene	10	U	0.78	10
1-Methylnaphthalene	110		0.62	10
2-Methylnaphthalene	140		0.53	10
Chrysene	10	U	1.0	10
Dibenz(a,h)anthracene	10	U	1.0	10
Fluoranthene	10	U	1.0	10
Fluorene	10	U	0.55	10
Indeno[1,2,3-cd]pyrene	10	U	0.62	10
Naphthalene	200	M	0.76	10
Phenanthrene	10	U	0.74	10
Pyrene	10	U	1.0	10
Anthracene	10	U	0.88	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	64	59 - 103
Nitrobenzene-d5	71	60 - 102
Terphenyl-d14	39	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-10

Lab Sample ID: 680-24072-6
Client Matrix: Water

Date Sampled: 02/07/2007 0940
Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/11/2007 1541
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67108
Prep Batch: 680-67006

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5824.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	9.6	U	0.96	9.6
Benzo[k]fluoranthene	9.6	U	0.70	9.6
Acenaphthene	9.6	U	0.62	9.6
Acenaphthylene	9.6	U	0.56	9.6
Benzo[a]anthracene	9.6	U	0.56	9.6
Benzo[a]pyrene	9.6	U	0.96	9.6
Benzo[b]fluoranthene	9.6	U	0.75	9.6
1-Methylnaphthalene	94		0.60	9.6
2-Methylnaphthalene	110		0.51	9.6
Chrysene	9.6	U	0.96	9.6
Dibenz(a,h)anthracene	9.6	U	0.96	9.6
Fluoranthene	9.6	U	0.96	9.6
Fluorene	9.6	U	0.53	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	0.60	9.6
Naphthalene	180		0.73	9.6
Phenanthrene	9.6	U	0.71	9.6
Pyrene	9.6	U	0.96	9.6
Anthracene	9.6	U	0.85	9.6

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	47	X	59 - 103
Nitrobenzene-d5	66		60 - 102
Terphenyl-d14	29		10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-09

Lab Sample ID: 680-24072-7
Client Matrix: Water

Date Sampled: 02/07/2007 1020
Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/11/2007 1607
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67108
Prep Batch: 680-67006

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5825.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	9.8	U	0.98	9.8
Benzo[k]fluoranthene	9.8	U	0.72	9.8
Acenaphthene	9.8	U	0.63	9.8
Acenaphthylene	9.8	U	0.57	9.8
Benzo[a]anthracene	9.8	U	0.57	9.8
Benzo[a]pyrene	9.8	U	0.98	9.8
Benzo[b]fluoranthene	9.8	U	0.76	9.8
1-Methylnaphthalene	20		0.61	9.8
2-Methylnaphthalene	25		0.52	9.8
Chrysene	9.8	U	0.98	9.8
Dibenz(a,h)anthracene	9.8	U	0.98	9.8
Fluoranthene	9.8	U	0.98	9.8
Fluorene	9.8	U	0.54	9.8
Indeno[1,2,3-cd]pyrene	9.8	U	0.61	9.8
Naphthalene	34		0.75	9.8
Phenanthrene	9.8	U	0.73	9.8
Pyrene	9.8	U	0.98	9.8
Anthracene	9.8	U	0.86	9.8

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	81	59 - 103
Nitrobenzene-d5	73	60 - 102
Terphenyl-d14	51	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-16

Lab Sample ID: 680-24072-8
Client Matrix: Water

Date Sampled: 02/07/2007 1125
Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/11/2007 1634
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67108
Prep Batch: 680-67006

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5826.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	9.7	U	0.97	9.7
Benzo[k]fluoranthene	9.7	U	0.71	9.7
Acenaphthene	9.7	U	0.62	9.7
Acenaphthylene	9.7	U	0.56	9.7
Benzo[a]anthracene	9.7	U	0.56	9.7
Benzo[a]pyrene	9.7	U	0.97	9.7
Benzo[b]fluoranthene	9.7	U	0.76	9.7
1-Methylnaphthalene	2.2	J	0.60	9.7
2-Methylnaphthalene	1.8	J	0.51	9.7
Chrysene	9.7	U	0.97	9.7
Dibenz(a,h)anthracene	9.7	U	0.97	9.7
Fluoranthene	9.7	U	0.97	9.7
Fluorene	9.7	U	0.53	9.7
Indeno[1,2,3-cd]pyrene	9.7	U	0.60	9.7
Naphthalene	2.6	J	0.74	9.7
Phenanthrene	9.7	U	0.72	9.7
Pyrene	9.7	U	0.97	9.7
Anthracene	9.7	U	0.85	9.7

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	81	59 - 103
Nitrobenzene-d5	78	60 - 102
Terphenyl-d14	51	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-11

Lab Sample ID: 680-24072-9
Client Matrix: Water

Date Sampled: 02/07/2007 1310
Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/11/2007 1700
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67108
Prep Batch: 680-67006

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5827.d
Initial Weight/Volume: 500 mL
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	10	U	1.0	10
Benzo[k]fluoranthene	10	U	0.73	10
Acenaphthene	10	U	0.64	10
Acenaphthylene	10	U	0.58	10
Benzo[a]anthracene	10	U	0.58	10
Benzo[a]pyrene	10	U	1.0	10
Benzo[b]fluoranthene	10	U	0.78	10
1-Methylnaphthalene	19		0.62	10
2-Methylnaphthalene	17		0.53	10
Chrysene	10	U	1.0	10
Dibenz(a,h)anthracene	10	U	1.0	10
Fluoranthene	10	U	1.0	10
Fluorene	10	U	0.55	10
Indeno[1,2,3-cd]pyrene	10	U	0.62	10
Naphthalene	30		0.76	10
Phenanthrene	10	U	0.74	10
Pyrene	10	U	1.0	10
Anthracene	10	U	0.88	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	66	59 - 103
Nitrobenzene-d5	74	60 - 102
Terphenyl-d14	77	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-04

Lab Sample ID: 680-24072-10 Date Sampled: 02/07/2007 1340
Client Matrix: Water Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67108 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3520C Prep Batch: 680-67006 Lab File ID: n5828.d
Dilution: 1.0 Initial Weight/Volume: 1030 mL
Date Analyzed: 02/11/2007 1726 Final Weight/Volume: 1 mL
Date Prepared: 02/09/2007 0819 Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[g,h,i]perylene	9.7	U	0.97	9.7
Benzo[k]fluoranthene	9.7	U	0.71	9.7
Acenaphthene	9.7	U	0.62	9.7
Acenaphthylene	9.7	U	0.56	9.7
Benzo[a]anthracene	9.7	U	0.56	9.7
Benzo[a]pyrene	9.7	U	0.97	9.7
Benzo[b]fluoranthene	9.7	U	0.76	9.7
1-Methylnaphthalene	9.7	U	0.60	9.7
2-Methylnaphthalene	9.7	U	0.51	9.7
Chrysene	9.7	U	0.97	9.7
Dibenz(a,h)anthracene	9.7	U	0.97	9.7
Fluoranthene	9.7	U	0.97	9.7
Fluorene	9.7	U	0.53	9.7
Indeno[1,2,3-cd]pyrene	9.7	U	0.60	9.7
Naphthalene	9.7	U	0.74	9.7
Phenanthrene	9.7	U	0.72	9.7
Pyrene	9.7	U	0.97	9.7
Anthracene	9.7	U	0.85	9.7

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	71	59 - 103
Nitrobenzene-d5	65	60 - 102
Terphenyl-d14	81	10 - 154

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-30

Lab Sample ID: 680-24072-12 Date Sampled: 02/05/2007 1300
Client Matrix: Solid % Moisture: 11.8 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67865 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5855.d
Dilution: 1.0 Initial Weight/Volume: 30.08 g
Date Analyzed: 02/16/2007 1109 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		370	U	26	370
Anthracene		370	U	26	370
Benzo[k]fluoranthene		370	U	41	370
Acenaphthene		370	U	21	370
Acenaphthylene		370	U	19	370
Benzo[a]anthracene		370	U	35	370
Benzo[a]pyrene		370	U	21	370
Benzo[b]fluoranthene		370	U	29	370
1-Methylnaphthalene		370	U	33	370
2-Methylnaphthalene		370	U	27	370
Chrysene		370	U	28	370
Dibenz(a,h)anthracene		370	U	27	370
Fluoranthene		370	U	29	370
Fluorene		370	U	25	370
Indeno[1,2,3-cd]pyrene		370	U	29	370
Naphthalene		370	U	21	370
Phenanthrene		370	U	33	370
Pyrene		370	U	23	370

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	58	38 - 104
Nitrobenzene-d5	43	33 - 94
Terphenyl-d14	57	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-30D

Lab Sample ID: 680-24072-13 Date Sampled: 02/05/2007 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67865 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5856.d
Dilution: 1.0 Initial Weight/Volume: 30.07 g
Date Analyzed: 02/16/2007 1135 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		360	U	25	360
Anthracene		360	U	25	360
Benzo[k]fluoranthene		360	U	39	360
Acenaphthene		360	U	20	360
Acenaphthylene		360	U	18	360
Benzo[a]anthracene		360	U	33	360
Benzo[a]pyrene		360	U	20	360
Benzo[b]fluoranthene		360	U	28	360
1-Methylnaphthalene		360	U	31	360
2-Methylnaphthalene		360	U	26	360
Chrysene		360	U	27	360
Dibenz(a,h)anthracene		360	U	26	360
Fluoranthene		360	U	28	360
Fluorene		360	U	24	360
Indeno[1,2,3-cd]pyrene		360	U	28	360
Naphthalene		360	U	20	360
Phenanthrene		360	U	31	360
Pyrene		360	U	22	360

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	60	38 - 104
Nitrobenzene-d5	47	33 - 94
Terphenyl-d14	62	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-15

Lab Sample ID: 680-24072-14 Date Sampled: 02/06/2007 1230
Client Matrix: Solid % Moisture: 18.1 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67865 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5857.d
Dilution: 1.0 Initial Weight/Volume: 30.01 g
Date Analyzed: 02/16/2007 1200 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		400	U	28	400
Anthracene		400	U	28	400
Benzo[k]fluoranthene		400	U	44	400
Acenaphthene		400	U	23	400
Acenaphthylene		400	U	21	400
Benzo[a]anthracene		400	U	38	400
Benzo[a]pyrene		400	U	23	400
Benzo[b]fluoranthene		400	U	32	400
1-Methylnaphthalene		400	U	35	400
2-Methylnaphthalene		400	U	29	400
Chrysene		400	U	31	400
Dibenz(a,h)anthracene		400	U	29	400
Fluoranthene		400	U	32	400
Fluorene		400	U	27	400
Indeno[1,2,3-cd]pyrene		400	U	32	400
Naphthalene		400	U	23	400
Phenanthrene		400	U	35	400
Pyrene		400	U	24	400

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	67	38 - 104
Nitrobenzene-d5	52	33 - 94
Terphenyl-d14	73	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-1

Lab Sample ID: 680-24072-15 Date Sampled: 02/06/2007 1245
Client Matrix: Solid % Moisture: 29.7 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67865 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5858.d
Dilution: 1.0 Initial Weight/Volume: 30.11 g
Date Analyzed: 02/16/2007 1226 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		470	U	33	470
Anthracene		470	U	33	470
Benzo[k]fluoranthene		470	U	51	470
Acenaphthene		470	U	27	470
Acenaphthylene		470	U	24	470
Benzo[a]anthracene		470	U	44	470
Benzo[a]pyrene		470	U	27	470
Benzo[b]fluoranthene		470	U	37	470
1-Methylnaphthalene		150	J	41	470
2-Methylnaphthalene		200	J	34	470
Chrysene		470	U	35	470
Dibenz(a,h)anthracene		470	U	34	470
Fluoranthene		470	U	37	470
Fluorene		470	U	31	470
Indeno[1,2,3-cd]pyrene		470	U	37	470
Naphthalene		470	U	27	470
Phenanthrene		470	U	41	470
Pyrene		470	U	28	470

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	38 - 104
Nitrobenzene-d5	50	33 - 94
Terphenyl-d14	68	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-10

Lab Sample ID: 680-24072-16 Date Sampled: 02/06/2007 1300
Client Matrix: Solid % Moisture: 22.8 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67865 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5859.d
Dilution: 1.0 Initial Weight/Volume: 30.03 g
Date Analyzed: 02/16/2007 1252 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		430	U	30	430
Anthracene		430	U	30	430
Benzo[k]fluoranthene		430	U	47	430
Acenaphthene		430	U	25	430
Acenaphthylene		430	U	22	430
Benzo[a]anthracene		430	U	40	430
Benzo[a]pyrene		430	U	25	430
Benzo[b]fluoranthene		430	U	34	430
1-Methylnaphthalene		430	U	38	430
2-Methylnaphthalene		430	U	31	430
Chrysene		430	U	32	430
Dibenz(a,h)anthracene		430	U	31	430
Fluoranthene		430	U	34	430
Fluorene		430	U	28	430
Indeno[1,2,3-cd]pyrene		430	U	34	430
Naphthalene		430	U	25	430
Phenanthrene		430	U	38	430
Pyrene		430	U	26	430

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	64	38 - 104
Nitrobenzene-d5	54	33 - 94
Terphenyl-d14	80	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-5

Lab Sample ID: 680-24072-17 Date Sampled: 02/06/2007 1320
Client Matrix: Solid % Moisture: 27.0 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67865 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5860.d
Dilution: 1.0 Initial Weight/Volume: 30.05 g
Date Analyzed: 02/16/2007 1318 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		450	U	31	450
Anthracene		450	U	31	450
Benzo[k]fluoranthene		450	U	49	450
Acenaphthene		450	U	26	450
Acenaphthylene		450	U	23	450
Benzo[a]anthracene		450	U	42	450
Benzo[a]pyrene		450	U	26	450
Benzo[b]fluoranthene		450	U	36	450
1-Methylnaphthalene		450	U	40	450
2-Methylnaphthalene		450	U	33	450
Chrysene		450	U	34	450
Dibenz(a,h)anthracene		450	U	33	450
Fluoranthene		450	U	36	450
Fluorene		450	U	30	450
Indeno[1,2,3-cd]pyrene		450	U	36	450
Naphthalene		450	U	26	450
Phenanthrene		450	U	40	450
Pyrene		450	U	27	450

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	61	38 - 104
Nitrobenzene-d5	51	33 - 94
Terphenyl-d14	70	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-18

Lab Sample ID: 680-24072-18 Date Sampled: 02/06/2007 1415
Client Matrix: Solid % Moisture: 16.1 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67865 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5861.d
Dilution: 1.0 Initial Weight/Volume: 30.08 g
Date Analyzed: 02/16/2007 1344 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		390	U	27	390
Anthracene		390	U	27	390
Benzo[k]fluoranthene		390	U	43	390
Acenaphthene		390	U	23	390
Acenaphthylene		390	U	20	390
Benzo[a]anthracene		390	U	37	390
Benzo[a]pyrene		390	U	23	390
Benzo[b]fluoranthene		390	U	31	390
1-Methylnaphthalene		200	J	34	390
2-Methylnaphthalene		280	J	29	390
Chrysene		390	U	30	390
Dibenz(a,h)anthracene		390	U	29	390
Fluoranthene		390	U	31	390
Fluorene		390	U	26	390
Indeno[1,2,3-cd]pyrene		390	U	31	390
Naphthalene		170	J	23	390
Phenanthrene		390	U	34	390
Pyrene		390	U	24	390

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	59	38 - 104
Nitrobenzene-d5	46	33 - 94
Terphenyl-d14	65	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-21

Lab Sample ID: 680-24072-19 Date Sampled: 02/06/2007 1430
Client Matrix: Solid % Moisture: 18.7 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67819 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5872.d
Dilution: 5.0 Initial Weight/Volume: 30.12 g
Date Analyzed: 02/19/2007 1733 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		2000	U	140	2000
Anthracene		2000	U	140	2000
Benzo[k]fluoranthene		2000	U	220	2000
Acenaphthene		2000	U	120	2000
Acenaphthylene		2000	U	100	2000
Benzo[a]anthracene		2000	U	190	2000
Benzo[a]pyrene		2000	U	120	2000
Benzo[b]fluoranthene		2000	U	160	2000
1-Methylnaphthalene		12000		180	2000
2-Methylnaphthalene		17000		150	2000
Chrysene		2000	U	150	2000
Dibenz(a,h)anthracene		2000	U	150	2000
Fluoranthene		2000	U	160	2000
Fluorene		250	J	130	2000
Indeno[1,2,3-cd]pyrene		2000	U	160	2000
Naphthalene		7500		120	2000
Phenanthrene		2000	U	180	2000
Pyrene		2000	U	120	2000

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	38 - 104
Nitrobenzene-d5	0	D	33 - 94
Terphenyl-d14	0	D	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-40

Lab Sample ID: 680-24072-20 Date Sampled: 02/06/2007 1445
Client Matrix: Solid % Moisture: 28.2 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67819 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5871.d
Dilution: 1.0 Initial Weight/Volume: 30.14 g
Date Analyzed: 02/19/2007 1707 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		460	U	32	460
Anthracene		460	U	32	460
Benzo[k]fluoranthene		460	U	50	460
Acenaphthene		460	U	26	460
Acenaphthylene		460	U	24	460
Benzo[a]anthracene		460	U	43	460
Benzo[a]pyrene		460	U	26	460
Benzo[b]fluoranthene		460	U	36	460
1-Methylnaphthalene		170	J	40	460
2-Methylnaphthalene		210	J	33	460
Chrysene		460	U	35	460
Dibenz(a,h)anthracene		460	U	33	460
Fluoranthene		460	U	36	460
Fluorene		460	U	30	460
Indeno[1,2,3-cd]pyrene		460	U	36	460
Naphthalene		460	U	26	460
Phenanthrene		460	U	40	460
Pyrene		460	U	28	460

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	52	38 - 104
Nitrobenzene-d5	45	33 - 94
Terphenyl-d14	56	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-28

Lab Sample ID: 680-24072-21 Date Sampled: 02/06/2007 1500
Client Matrix: Solid % Moisture: 27.9 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67819 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5873.d
Dilution: 5.0 Initial Weight/Volume: 30.02 g
Date Analyzed: 02/19/2007 1759 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		2300	U	160	2300
Anthracene		2300	U	160	2300
Benzo[k]fluoranthene		2300	U	250	2300
Acenaphthene		2300	U	130	2300
Acenaphthylene		2300	U	120	2300
Benzo[a]anthracene		2300	U	210	2300
Benzo[a]pyrene		2300	U	130	2300
Benzo[b]fluoranthene		2300	U	180	2300
1-Methylnaphthalene		19000		200	2300
2-Methylnaphthalene		26000		170	2300
Chrysene		2300	U	170	2300
Dibenz(a,h)anthracene		2300	U	170	2300
Fluoranthene		2300	U	180	2300
Fluorene		380	J	150	2300
Indeno[1,2,3-cd]pyrene		2300	U	180	2300
Naphthalene		12000		130	2300
Phenanthrene		2300	U	200	2300
Pyrene		2300	U	140	2300

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	38 - 104
Nitrobenzene-d5	0	D	33 - 94
Terphenyl-d14	0	D	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-35

Lab Sample ID: 680-24072-22 Date Sampled: 02/06/2007 1530
Client Matrix: Solid % Moisture: 17.7 Date Received: 02/08/2007 0948

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 680-67819 Instrument ID: GC/MS SemiVolatiles - N
Preparation: 3550B Prep Batch: 680-67123 Lab File ID: n5874.d
Dilution: 5.0 Initial Weight/Volume: 30.15 g
Date Analyzed: 02/19/2007 1825 Final Weight/Volume: 1.0 mL
Date Prepared: 02/12/2007 0843 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzo[g,h,i]perylene		2000	U	140	2000
Anthracene		2000	U	140	2000
Benzo[k]fluoranthene		2000	U	220	2000
Acenaphthene		2000	U	110	2000
Acenaphthylene		2000	U	100	2000
Benzo[a]anthracene		2000	U	190	2000
Benzo[a]pyrene		2000	U	110	2000
Benzo[b]fluoranthene		2000	U	160	2000
1-Methylnaphthalene		14000		180	2000
2-Methylnaphthalene		19000		150	2000
Chrysene		2000	U	150	2000
Dibenz(a,h)anthracene		2000	U	150	2000
Fluoranthene		2000	U	160	2000
Fluorene		2000	U	130	2000
Indeno[1,2,3-cd]pyrene		2000	U	160	2000
Naphthalene		7600		110	2000
Phenanthrene		2000	U	180	2000
Pyrene		2000	U	120	2000

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	38 - 104
Nitrobenzene-d5	0	D	33 - 94
Terphenyl-d14	0	D	40 - 129

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: FB01

Lab Sample ID: 680-24072-1
Client Matrix: Water

Date Sampled: 02/06/2007 1020
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2007 2155
Date Prepared: 02/15/2007 2155

Analysis Batch: 400-43461

Instrument ID: GC/PID/FID
Lab File ID: T021514.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	7.0	U	7.0	7.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	105	70 - 130
a,a,a-Trifluorotoluene (pid)	111	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ01

Lab Sample ID: 680-24072-2
Client Matrix: Water

Date Sampled: 02/06/2007 1100
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2007 1841
Date Prepared: 02/14/2007 1841

Analysis Batch: 400-43448

Instrument ID: GC/PID/FID
Lab File ID: T021410.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	7.0	U	7.0	7.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	106	70 - 130
a,a,a-Trifluorotoluene (pid)	107	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ02

Lab Sample ID: 680-24072-3
Client Matrix: Water

Date Sampled: 02/07/2007 0730
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/14/2007 1936
Date Prepared: 02/14/2007 1936

Analysis Batch: 400-43448

Instrument ID: GC/PID/FID
Lab File ID: T021411.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	7.0	U	7.0	7.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	104	70 - 130
a,a,a-Trifluorotoluene (pid)	105	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15

Lab Sample ID: 680-24072-4
Client Matrix: Water

Date Sampled: 02/07/2007 0820
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2007 2251
Date Prepared: 02/15/2007 2251

Analysis Batch: 400-43461

Instrument ID: GC/PID/FID
Lab File ID: T021515.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	260	U	260	260
C9-C12 Aliphatics	110	U	110	110
C9-C10 Aromatics	3900		70	70

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	107	70 - 130
a,a,a-Trifluorotoluene (pid)	108	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15D

Lab Sample ID: 680-24072-5
Client Matrix: Water

Date Sampled: 02/07/2007 0840
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/15/2007 2346
Date Prepared: 02/15/2007 2346

Analysis Batch: 400-43461

Instrument ID: GC/PID/FID
Lab File ID: T021516.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	260	U	260	260
C9-C12 Aliphatics	110	U	110	110
C9-C10 Aromatics	3700		70	70

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	90	70 - 130
a,a,a-Trifluorotoluene (pid)	90	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-10

Lab Sample ID: 680-24072-6
Client Matrix: Water

Date Sampled: 02/07/2007 0940
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 10
Date Analyzed: 02/16/2007 0041
Date Prepared: 02/16/2007 0041

Analysis Batch: 400-43461

Instrument ID: GC/PID/FID
Lab File ID: T021517.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	260	U	260	260
C9-C12 Aliphatics	110	U	110	110
C9-C10 Aromatics	2300		70	70

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	105	70 - 130
a,a,a-Trifluorotoluene (pid)	107	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-09

Lab Sample ID: 680-24072-7
Client Matrix: Water

Date Sampled: 02/07/2007 1020
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 02/16/2007 0136
Date Prepared: 02/16/2007 0136

Analysis Batch: 400-43461

Instrument ID: GC/PID/FID
Lab File ID: T021518.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	130	U	130	130
C9-C12 Aliphatics	55	U	55	55
C9-C10 Aromatics	750		35	35

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	107	70 - 130
a,a,a-Trifluorotoluene (pid)	108	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-16

Lab Sample ID: 680-24072-8
Client Matrix: Water

Date Sampled: 02/07/2007 1125
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2007 0012
Date Prepared: 02/15/2007 0012

Analysis Batch: 400-43448

Instrument ID: GC/PID/FID
Lab File ID: T021416.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	150		7.0	7.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	106	70 - 130
a,a,a-Trifluorotoluene (pid)	110	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-11

Lab Sample ID: 680-24072-9
Client Matrix: Water

Date Sampled: 02/07/2007 1310
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2007 0107
Date Prepared: 02/15/2007 0107

Analysis Batch: 400-43448

Instrument ID: GC/PID/FID
Lab File ID: T021417.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	550		7.0	7.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	107	70 - 130
a,a,a-Trifluorotoluene (pid)	110	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-04

Lab Sample ID: 680-24072-10
Client Matrix: Water

Date Sampled: 02/07/2007 1340
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2007 0202
Date Prepared: 02/15/2007 0202

Analysis Batch: 400-43448

Instrument ID: GC/PID/FID
Lab File ID: T021418.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	7.9		7.0	7.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	96	70 - 130
a,a,a-Trifluorotoluene (pid)	96	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **MW-03**

Lab Sample ID: 680-24072-11
Client Matrix: Water

Date Sampled: 02/07/2007 1510
Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/15/2007 0257
Date Prepared: 02/15/2007 0257

Analysis Batch: 400-43448

Instrument ID: GC/PID/FID
Lab File ID: T021419.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	7.3		7.0	7.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	105	70 - 130
a,a,a-Trifluorotoluene (pid)	108	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-30**

Lab Sample ID: 680-24072-12 Date Sampled: 02/05/2007 1300
Client Matrix: Solid % Moisture: 11.8 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T021921.D
Dilution: 1000 Initial Weight/Volume: 5.28 g
Date Analyzed: 02/20/2007 0344 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		170	U	170	170
C9-C12 Aliphatics		90	U	90	90
C9-C10 Aromatics		88		48	48

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	121	70 - 130
a,a,a-Trifluorotoluene (pid)	111	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-30D**

Lab Sample ID: 680-24072-13 Date Sampled: 02/05/2007 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T021924.D
Dilution: 50 Initial Weight/Volume: 5.85 g
Date Analyzed: 02/20/2007 0630 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		7.5	U	7.5	7.5
C9-C12 Aliphatics		3.9	U	3.9	3.9
C9-C10 Aromatics		5.7		2.1	2.1

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	86	70 - 130
a,a,a-Trifluorotoluene (pid)	88	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-15**

Lab Sample ID: 680-24072-14 Date Sampled: 02/06/2007 1230
Client Matrix: Solid % Moisture: 18.1 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022012.D
Dilution: 50 Initial Weight/Volume: 6.84 g
Date Analyzed: 02/20/2007 1925 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		7.2	U	7.2	7.2
C9-C12 Aliphatics		3.8	U	3.8	3.8
C9-C10 Aromatics		6.9		2.0	2.0

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	90	70 - 130
a,a,a-Trifluorotoluene (pid)	93	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-1**

Lab Sample ID: 680-24072-15 Date Sampled: 02/06/2007 1245
Client Matrix: Solid % Moisture: 29.7 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022108.D
Dilution: 1000 Initial Weight/Volume: 6.90 g
Date Analyzed: 02/21/2007 1547 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		170	U	170	170
C9-C12 Aliphatics		310		87	87
C9-C10 Aromatics		730		46	46

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	91	70 - 130
a,a,a-Trifluorotoluene (pid)	84	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-10

Lab Sample ID: 680-24072-16 Date Sampled: 02/06/2007 1300
Client Matrix: Solid % Moisture: 22.8 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022014.D
Dilution: 50 Initial Weight/Volume: 6.28 g
Date Analyzed: 02/20/2007 2115 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		8.4	U	8.4	8.4
C9-C12 Aliphatics		4.3	U	4.3	4.3
C9-C10 Aromatics		36		2.3	2.3

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	84	70 - 130
a,a,a-Trifluorotoluene (pid)	90	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-5

Lab Sample ID: 680-24072-17 Date Sampled: 02/06/2007 1320
Client Matrix: Solid % Moisture: 27.0 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022015.D
Dilution: 50 Initial Weight/Volume: 8.97 g
Date Analyzed: 02/20/2007 2211 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		6.2	U	6.2	6.2
C9-C12 Aliphatics		3.2	U	3.2	3.2
C9-C10 Aromatics		1.7	U	1.7	1.7

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	86	70 - 130
a,a,a-Trifluorotoluene (pid)	91	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-18**

Lab Sample ID: 680-24072-18 Date Sampled: 02/06/2007 1415
Client Matrix: Solid % Moisture: 16.1 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022205.D
Dilution: 100 Initial Weight/Volume: 7.87 g
Date Analyzed: 02/22/2007 1332 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		12	U	12	12
C9-C12 Aliphatics		6.4	U	6.4	6.4
C9-C10 Aromatics		16		3.4	3.4

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	103	70 - 130
a,a,a-Trifluorotoluene (pid)	105	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-21**

Lab Sample ID: 680-24072-19 Date Sampled: 02/06/2007 1430
Client Matrix: Solid % Moisture: 18.7 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022110.D
Dilution: 10000 Initial Weight/Volume: 6.86 g
Date Analyzed: 02/21/2007 1737 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		1500	U	1500	1500
C9-C12 Aliphatics		1900		750	750
C9-C10 Aromatics		6600		400	400

Surrogate	%Rec		Acceptance Limits
a,a,a-Trifluorotoluene (fid)	1330	X	70 - 130
a,a,a-Trifluorotoluene (pid)	1310	X	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-40

Lab Sample ID: 680-24072-20 Date Sampled: 02/06/2007 1445
Client Matrix: Solid % Moisture: 28.2 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022018.D
Dilution: 100 Initial Weight/Volume: 6.87 g
Date Analyzed: 02/21/2007 0056 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		16	U	16	16
C9-C12 Aliphatics		32		8.5	8.5
C9-C10 Aromatics		160		4.6	4.6

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	92	70 - 130
a,a,a-Trifluorotoluene (pid)	95	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-28**

Lab Sample ID: 680-24072-21 Date Sampled: 02/06/2007 1500
Client Matrix: Solid % Moisture: 27.9 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022111.D
Dilution: 5000 Initial Weight/Volume: 7.08 g
Date Analyzed: 02/21/2007 1833 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		790	U	790	790
C9-C12 Aliphatics		1500		410	410
C9-C10 Aromatics		4500		220	220

Surrogate	%Rec		Acceptance Limits
a,a,a-Trifluorotoluene (fid)	173	X	70 - 130
a,a,a-Trifluorotoluene (pid)	140	X	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-35**

Lab Sample ID: 680-24072-22 Date Sampled: 02/06/2007 1530
Client Matrix: Solid % Moisture: 17.7 Date Received: 02/08/2007 0948

MAVPH MADEP - Volatile Petroleum Hydrocarbons

Method: MAVPH Analysis Batch: 400-43478 Instrument ID: GC/PID/FID
Preparation: 5035 Prep Batch: 400-43479 Lab File ID: T022103.D
Dilution: 5000 Initial Weight/Volume: 7.84 g
Date Analyzed: 02/21/2007 1111 Final Weight/Volume: 15 mL
Date Prepared: 02/06/2007 1130 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C5-C8 Aliphatics		630	U	630	630
C9-C12 Aliphatics		390		330	330
C9-C10 Aromatics		2100		170	170

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	79	70 - 130
a,a,a-Trifluorotoluene (pid)	70	70 - 130

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: FB01

Lab Sample ID: 680-24072-1 Date Sampled: 02/06/2007 1020
Client Matrix: Water Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43218 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 1901019.D
Dilution: 1.0 Initial Weight/Volume: 1010 mL
Date Analyzed: 02/14/2007 1628 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.050	U	0.050	0.050

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	85	40 - 140
2-Fluorobiphenyl	91	40 - 140
o-Terphenyl	77	40 - 140

Method: MA-EPH Analysis Batch: 400-43281 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 1901019.D
Dilution: 1.0 Initial Weight/Volume: 1010 mL
Date Analyzed: 02/15/2007 0937 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.050	U	0.050	0.050
C19-C36 Aliphatics	0.050	U	0.050	0.050

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	80	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ01

Lab Sample ID: 680-24072-2 Date Sampled: 02/06/2007 1100
Client Matrix: Water Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43218 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 2001020.D
Dilution: 1.0 Initial Weight/Volume: 1000 mL
Date Analyzed: 02/14/2007 1633 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.060		0.050	0.050

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	89	40 - 140
2-Fluorobiphenyl	92	40 - 140
o-Terphenyl	69	40 - 140

Method: MA-EPH Analysis Batch: 400-43281 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 2001020.D
Dilution: 1.0 Initial Weight/Volume: 1000 mL
Date Analyzed: 02/15/2007 0942 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.050	U	0.050	0.050
C19-C36 Aliphatics	0.050	U	0.050	0.050

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	70	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: EQ02

Lab Sample ID: 680-24072-3 Date Sampled: 02/07/2007 0730
Client Matrix: Water Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43218 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 2101021.D
Dilution: 1.0 Initial Weight/Volume: 1000 mL
Date Analyzed: 02/14/2007 1638 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.056		0.050	0.050

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	78	40 - 140
2-Fluorobiphenyl	90	40 - 140
o-Terphenyl	73	40 - 140

Method: MA-EPH Analysis Batch: 400-43281 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 2101021.D
Dilution: 1.0 Initial Weight/Volume: 1000 mL
Date Analyzed: 02/15/2007 0947 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.050	U	0.050	0.050
C19-C36 Aliphatics	0.050	U	0.050	0.050

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	73	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15

Lab Sample ID: 680-24072-4
Client Matrix: Water

Date Sampled: 02/07/2007 0820
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/14/2007 1643
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2201022.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	1.4		0.049	0.049

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	80	40 - 140
2-Fluorobiphenyl	80	40 - 140
o-Terphenyl	50	40 - 140

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/15/2007 0952
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2201022.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.35	B	0.049	0.049
C19-C36 Aliphatics	0.049	U	0.049	0.049

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	50	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15D

Lab Sample ID: 680-24072-5
Client Matrix: Water

Date Sampled: 02/07/2007 0840
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/14/2007 1648
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2301023.D
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	2.3		0.049	0.049

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	83	40 - 140
2-Fluorobiphenyl	96	40 - 140
o-Terphenyl	76	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-15D

Lab Sample ID: 680-24072-5
Client Matrix: Water

Date Sampled: 02/07/2007 0840
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 2.0
Date Analyzed: 02/15/2007 1530
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 1101011.D
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	3.0	B	0.098	0.098
C19-C36 Aliphatics	0.098	U	0.098	0.098

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	65	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-10

Lab Sample ID: 680-24072-6
Client Matrix: Water

Date Sampled: 02/07/2007 0940
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/14/2007 1653
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2401024.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	1.4		0.049	0.049

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	70	40 - 140
2-Fluorobiphenyl	84	40 - 140
o-Terphenyl	61	40 - 140

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/15/2007 1002
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2401024.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.96	B	0.049	0.049
C19-C36 Aliphatics	0.049	U	0.049	0.049

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	63	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-09

Lab Sample ID: 680-24072-7
Client Matrix: Water

Date Sampled: 02/07/2007 1020
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/14/2007 1658
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2501025.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.22		0.049	0.049

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	76	40 - 140
2-Fluorobiphenyl	91	40 - 140
o-Terphenyl	45	40 - 140

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/15/2007 1007
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2501025.D
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.049	U	0.049	0.049
C19-C36 Aliphatics	0.049	U	0.049	0.049

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	53	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-16

Lab Sample ID: 680-24072-8
Client Matrix: Water

Date Sampled: 02/07/2007 1125
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/14/2007 1708
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2701027.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.052		0.048	0.048

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	57	40 - 140
2-Fluorobiphenyl	87	40 - 140
o-Terphenyl	75	40 - 140

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/15/2007 1017
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2701027.D
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.055	B	0.048	0.048
C19-C36 Aliphatics	0.048	U	0.048	0.048

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	83	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-11

Lab Sample ID: 680-24072-9 Date Sampled: 02/07/2007 1310
Client Matrix: Water Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43218 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 2801028.D
Dilution: 1.0 Initial Weight/Volume: 500 mL
Date Analyzed: 02/14/2007 1713 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.19		0.10	0.10

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	51	40 - 140
2-Fluorobiphenyl	82	40 - 140
o-Terphenyl	50	40 - 140

Method: MA-EPH Analysis Batch: 400-43281 Instrument ID: GC/FID
Preparation: 3520C Prep Batch: 400-42998 Lab File ID: 2801028.D
Dilution: 1.0 Initial Weight/Volume: 500 mL
Date Analyzed: 02/15/2007 1022 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0855 Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.10	U	0.10	0.10
C19-C36 Aliphatics	0.10	U	0.10	0.10

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	61	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-04

Lab Sample ID: 680-24072-10
Client Matrix: Water

Date Sampled: 02/07/2007 1340
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/14/2007 1718
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2901029.D
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.048	U	0.048	0.048

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	65	40 - 140
2-Fluorobiphenyl	80	40 - 140
o-Terphenyl	57	40 - 140

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/15/2007 1027
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 2901029.D
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.048	U	0.048	0.048
C19-C36 Aliphatics	0.12		0.048	0.048

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	60	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: MW-03

Lab Sample ID: 680-24072-11
Client Matrix: Water

Date Sampled: 02/07/2007 1510
Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/14/2007 1723
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 3001030.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C11-C22 Aromatics	0.050	U	0.050	0.050

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	54	40 - 140
2-Fluorobiphenyl	85	40 - 140
o-Terphenyl	72	40 - 140

Method: MA-EPH
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 02/15/2007 1032
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998

Instrument ID: GC/FID
Lab File ID: 3001030.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (mg/L)	Qualifier	MDL	RL
C9-C18 Aliphatics	0.050	U	0.050	0.050
C19-C36 Aliphatics	0.050	U	0.050	0.050

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	77	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-30

Lab Sample ID: 680-24072-12 Date Sampled: 02/05/2007 1300
Client Matrix: Solid % Moisture: 11.8 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 0501005.D
Dilution: 2.0 Initial Weight/Volume: 30.09 g
Date Analyzed: 02/15/2007 1500 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		260		3.6	3.6

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	86	40 - 140
2-Fluorobiphenyl	79	40 - 140
o-Terphenyl	66	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-30

Lab Sample ID: 680-24072-12 Date Sampled: 02/05/2007 1300
Client Matrix: Solid % Moisture: 11.8 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 1201012.D
Dilution: 10 Initial Weight/Volume: 30.09 g
Date Analyzed: 02/15/2007 1535 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		760		18	18
C19-C36 Aliphatics		18	U	18	18

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	66	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-30D

Lab Sample ID: 680-24072-13 Date Sampled: 02/05/2007 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4001040.D
Dilution: 1.0 Initial Weight/Volume: 30.22 g
Date Analyzed: 02/14/2007 1813 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		1.7	U	1.7	1.7

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	73	40 - 140
2-Fluorobiphenyl	84	40 - 140
o-Terphenyl	66	40 - 140

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4001040.D
Dilution: 1.0 Initial Weight/Volume: 30.22 g
Date Analyzed: 02/15/2007 1122 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		3.1		1.7	1.7
C19-C36 Aliphatics		1.7	U	1.7	1.7

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	78	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-15

Lab Sample ID: 680-24072-14 Date Sampled: 02/06/2007 1230
Client Matrix: Solid % Moisture: 18.1 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4101041.D
Dilution: 1.0 Initial Weight/Volume: 30.42 g
Date Analyzed: 02/14/2007 1818 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		3.3		1.9	1.9

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	82	40 - 140
2-Fluorobiphenyl	86	40 - 140
o-Terphenyl	78	40 - 140

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4101041.D
Dilution: 1.0 Initial Weight/Volume: 30.42 g
Date Analyzed: 02/15/2007 1127 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		13		1.9	1.9
C19-C36 Aliphatics		1.9	U	1.9	1.9

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	81	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-1

Lab Sample ID: 680-24072-15 Date Sampled: 02/06/2007 1245
Client Matrix: Solid % Moisture: 29.7 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4201042.D
Dilution: 1.0 Initial Weight/Volume: 30.04 g
Date Analyzed: 02/14/2007 1823 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		7.0		2.3	2.3

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	83	40 - 140
2-Fluorobiphenyl	103	40 - 140
o-Terphenyl	72	40 - 140

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4201042.D
Dilution: 1.0 Initial Weight/Volume: 30.04 g
Date Analyzed: 02/15/2007 1132 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		2.3	U	2.3	2.3
C19-C36 Aliphatics		2.3	U	2.3	2.3

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	85	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-10

Lab Sample ID: 680-24072-16 Date Sampled: 02/06/2007 1300
Client Matrix: Solid % Moisture: 22.8 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4301043.D
Dilution: 1.0 Initial Weight/Volume: 30.03 g
Date Analyzed: 02/14/2007 1828 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		35		2.1	2.1

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	81	40 - 140
2-Fluorobiphenyl	86	40 - 140
o-Terphenyl	69	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-10

Lab Sample ID: 680-24072-16 Date Sampled: 02/06/2007 1300
Client Matrix: Solid % Moisture: 22.8 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 1301013.D
Dilution: 2.0 Initial Weight/Volume: 30.03 g
Date Analyzed: 02/15/2007 1540 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		160		4.1	4.1
C19-C36 Aliphatics		4.1	U	4.1	4.1

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	70	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-5

Lab Sample ID: 680-24072-17 Date Sampled: 02/06/2007 1320
Client Matrix: Solid % Moisture: 27.0 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4401044.D
Dilution: 1.0 Initial Weight/Volume: 30.41 g
Date Analyzed: 02/14/2007 1833 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		2.2	U	2.2	2.2

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	62	40 - 140
2-Fluorobiphenyl	77	40 - 140
o-Terphenyl	64	40 - 140

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4401044.D
Dilution: 1.0 Initial Weight/Volume: 30.41 g
Date Analyzed: 02/15/2007 1142 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		2.2	U	2.2	2.2
C19-C36 Aliphatics		2.2	U	2.2	2.2

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	89	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-18**

Lab Sample ID: 680-24072-18 Date Sampled: 02/06/2007 1415
Client Matrix: Solid % Moisture: 16.1 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4501045.D
Dilution: 1.0 Initial Weight/Volume: 30.23 g
Date Analyzed: 02/14/2007 1838 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		84		1.9	1.9

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	87	40 - 140
2-Fluorobiphenyl	85	40 - 140
o-Terphenyl	73	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-18

Lab Sample ID: 680-24072-18 Date Sampled: 02/06/2007 1415
Client Matrix: Solid % Moisture: 16.1 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 1401014.D
Dilution: 5.0 Initial Weight/Volume: 30.23 g
Date Analyzed: 02/15/2007 1545 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		260		9.5	9.5
C19-C36 Aliphatics		9.5	U	9.5	9.5

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	80	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-21**

Lab Sample ID: 680-24072-19 Date Sampled: 02/06/2007 1430
Client Matrix: Solid % Moisture: 18.7 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 0601006.D
Dilution: 5.0 Initial Weight/Volume: 30.02 g
Date Analyzed: 02/15/2007 1505 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		700		9.8	9.8

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	130	40 - 140
2-Fluorobiphenyl	82	40 - 140
o-Terphenyl	89	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-21**

Lab Sample ID: 680-24072-19 Date Sampled: 02/06/2007 1430
Client Matrix: Solid % Moisture: 18.7 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 1501015.D
Dilution: 25 Initial Weight/Volume: 30.02 g
Date Analyzed: 02/15/2007 1550 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		12000		49	49
C19-C36 Aliphatics		49	U	49	49

Surrogate	%Rec	Qualifier	Acceptance Limits
1-Chlorooctadecane	388	X	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-40

Lab Sample ID: 680-24072-20 Date Sampled: 02/06/2007 1445
Client Matrix: Solid % Moisture: 28.2 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 4701047.D
Dilution: 1.0 Initial Weight/Volume: 30.11 g
Date Analyzed: 02/14/2007 1848 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		64		2.2	2.2

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	81	40 - 140
2-Fluorobiphenyl	88	40 - 140
o-Terphenyl	77	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-40**

Lab Sample ID: 680-24072-20 Date Sampled: 02/06/2007 1445
Client Matrix: Solid % Moisture: 28.2 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 1601016.D
Dilution: 2.0 Initial Weight/Volume: 30.11 g
Date Analyzed: 02/15/2007 1555 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		170		4.4	4.4
C19-C36 Aliphatics		4.4	U	4.4	4.4

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	75	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-28

Lab Sample ID: 680-24072-21 Date Sampled: 02/06/2007 1500
Client Matrix: Solid % Moisture: 27.9 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 0701007.D
Dilution: 2.0 Initial Weight/Volume: 30.33 g
Date Analyzed: 02/15/2007 1510 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		400		4.4	4.4

Surrogate	%Rec	Acceptance Limits
2-Bromonaphthalene	108	40 - 140
2-Fluorobiphenyl	95	40 - 140
o-Terphenyl	72	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-28**

Lab Sample ID: 680-24072-21 Date Sampled: 02/06/2007 1500
Client Matrix: Solid % Moisture: 27.9 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 1701017.D
Dilution: 20 Initial Weight/Volume: 30.33 g
Date Analyzed: 02/15/2007 1600 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		1300		44	44
C19-C36 Aliphatics		44	U	44	44

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	69	40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: ROST-35

Lab Sample ID: 680-24072-22 Date Sampled: 02/06/2007 1530
Client Matrix: Solid % Moisture: 17.7 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43220 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 0801008.D
Dilution: 5.0 Initial Weight/Volume: 30.34 g
Date Analyzed: 02/15/2007 1515 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C11-C22 Aromatics		900		9.6	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Bromonaphthalene	159	X	40 - 140
2-Fluorobiphenyl	138		40 - 140
o-Terphenyl	75		40 - 140

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Client Sample ID: **ROST-35**

Lab Sample ID: 680-24072-22 Date Sampled: 02/06/2007 1530
Client Matrix: Solid % Moisture: 17.7 Date Received: 02/08/2007 0948

MA-EPH MADEP - Extractable Petroleum Hydrocarbons

Method: MA-EPH Analysis Batch: 400-43282 Instrument ID: GC/FID
Preparation: 3541 Prep Batch: 400-42992 Lab File ID: 1801018.D
Dilution: 50 Initial Weight/Volume: 30.34 g
Date Analyzed: 02/15/2007 1605 Final Weight/Volume: 2.0 mL
Date Prepared: 02/12/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C18 Aliphatics		2800		96	96
C19-C36 Aliphatics		96	U	96	96

Surrogate	%Rec	Acceptance Limits
1-Chlorooctadecane	55	40 - 140

General Chemistry

Client Sample ID: ROST-30

Lab Sample ID: 680-24072-12 Date Sampled: 02/05/2007 1300
Client Matrix: Solid % Moisture: 11.8 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	4300		mg/Kg	45	90	1.0	9071B
	Anly Batch: 400-43327	Date Analyzed	02/16/2007 1330			DryWt Corrected: Y	
	Prep Batch: 400-43287	Date Prepared:	02/16/2007 0931				

Client Sample ID: ROST-30D

Lab Sample ID: 680-24072-13 Date Sampled: 02/05/2007 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	53	J	mg/Kg	43	85	1.0	9071B
	Anly Batch: 400-43327	Date Analyzed	02/16/2007 1330			DryWt Corrected: Y	
	Prep Batch: 400-43287	Date Prepared:	02/16/2007 0931				

Client Sample ID: ROST-15

Lab Sample ID: 680-24072-14 Date Sampled: 02/06/2007 1230
Client Matrix: Solid % Moisture: 18.1 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	96	U	mg/Kg	48	96	1.0	9071B
	Anly Batch: 400-43327	Date Analyzed	02/16/2007 1330			DryWt Corrected: Y	
	Prep Batch: 400-43287	Date Prepared:	02/16/2007 0931				

Client Sample ID: ROST-1

Lab Sample ID: 680-24072-15 Date Sampled: 02/06/2007 1245
Client Matrix: Solid % Moisture: 29.7 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	56	J	mg/Kg	56	110	1.0	9071B
	Anly Batch: 400-43327	Date Analyzed	02/16/2007 1330			DryWt Corrected: Y	
	Prep Batch: 400-43287	Date Prepared:	02/16/2007 0931				

General Chemistry

Client Sample ID: ROST-10

Lab Sample ID: 680-24072-16 Date Sampled: 02/06/2007 1300
Client Matrix: Solid % Moisture: 22.8 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	100	U	mg/Kg	50	100	1.0	9071B
Anly Batch: 400-43327	Date Analyzed 02/16/2007 1330					DryWt Corrected: Y	
Prep Batch: 400-43287	Date Prepared: 02/16/2007 0931						

Client Sample ID: ROST-5

Lab Sample ID: 680-24072-17 Date Sampled: 02/06/2007 1320
Client Matrix: Solid % Moisture: 27.0 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	110	U	mg/Kg	54	110	1.0	9071B
Anly Batch: 400-43327	Date Analyzed 02/16/2007 1330					DryWt Corrected: Y	
Prep Batch: 400-43287	Date Prepared: 02/16/2007 0931						

Client Sample ID: ROST-18

Lab Sample ID: 680-24072-18 Date Sampled: 02/06/2007 1415
Client Matrix: Solid % Moisture: 16.1 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	200		mg/Kg	47	94	1.0	9071B
Anly Batch: 400-43327	Date Analyzed 02/16/2007 1330					DryWt Corrected: Y	
Prep Batch: 400-43287	Date Prepared: 02/16/2007 0931						

Client Sample ID: ROST-21

Lab Sample ID: 680-24072-19 Date Sampled: 02/06/2007 1430
Client Matrix: Solid % Moisture: 18.7 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	210		mg/Kg	48	97	1.0	9071B
Anly Batch: 400-43327	Date Analyzed 02/16/2007 1330					DryWt Corrected: Y	
Prep Batch: 400-43287	Date Prepared: 02/16/2007 0931						

General Chemistry

Client Sample ID: ROST-40

Lab Sample ID: 680-24072-20 Date Sampled: 02/06/2007 1445
Client Matrix: Solid % Moisture: 28.2 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	300		mg/Kg	55	110	1.0	9071B
	Anly Batch: 400-43327	Date Analyzed	02/16/2007 1330			DryWt Corrected: Y	
	Prep Batch: 400-43287	Date Prepared:	02/16/2007 0931				

Client Sample ID: ROST-28

Lab Sample ID: 680-24072-21 Date Sampled: 02/06/2007 1500
Client Matrix: Solid % Moisture: 27.9 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	730		mg/Kg	55	110	1.0	9071B
	Anly Batch: 400-43327	Date Analyzed	02/16/2007 1330			DryWt Corrected: Y	
	Prep Batch: 400-43287	Date Prepared:	02/16/2007 0931				

Client Sample ID: ROST-35

Lab Sample ID: 680-24072-22 Date Sampled: 02/06/2007 1530
Client Matrix: Solid % Moisture: 17.7 Date Received: 02/08/2007 0948

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
HEM (Oil & Grease)	220		mg/Kg	46	93	1.0	9071B
	Anly Batch: 400-43327	Date Analyzed	02/16/2007 1330			DryWt Corrected: Y	
	Prep Batch: 400-43287	Date Prepared:	02/16/2007 0931				

DATA REPORTING QUALIFIERS

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	M	Manual integrated compound.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	E	Result exceeded calibration range, secondary dilution required.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	X	Surrogate exceeds the control limits

DATA REPORTING QUALIFIERS

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Section	Qualifier	Description
GC Semi VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	X	Surrogate exceeds the control limits
General Chemistry		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-67527

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	680-24072-22MS	Analysis Batch: 680-67695	Instrument ID: GC/MS Volatiles - M
Client Matrix:	Solid	Prep Batch: 680-67527	Lab File ID: m0205.d
Dilution:	500		Initial Weight/Volume: 7.2 g
Date Analyzed:	02/18/2007 1433		Final Weight/Volume: 5 g
Date Prepared:	02/15/2007 1234		

MSD Lab Sample ID:	680-24072-22MSD	Analysis Batch: 680-67695	Instrument ID: GC/MS Volatiles - M
Client Matrix:	Solid	Prep Batch: 680-67527	Lab File ID: m0206.d
Dilution:	500		Initial Weight/Volume: 7.1 g
Date Analyzed:	02/18/2007 1456		Final Weight/Volume: 5 g
Date Prepared:	02/15/2007 1234		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	91	110	42 - 140	19	50		
Carbon disulfide	90	106	32 - 157	17	50		
Bromomethane	107	126	26 - 160	17	50		
Vinyl chloride	94	108	34 - 154	15	50		
Chloroethane	79	104	20 - 140	28	50		
Methylene Chloride	91	107	54 - 150	17	50		
Acetone	127	136	28 - 143	7	50		
1,1-Dichloroethene	89	109	52 - 143	20	50		
1,1-Dichloroethane	98	110	43 - 157	12	50		
cis-1,2-Dichloroethene	93	107	69 - 131	15	50		
trans-1,2-Dichloroethene	91	108	35 - 154	18	50		
Chloroform	101	109	77 - 125	9	50		
1,2-Dichloroethane	117	106	65 - 133	8	50		
Methyl Ethyl Ketone	121	124	30 - 149	4	50		
1,1,1-Trichloroethane	115	114	58 - 139	0	50		
Carbon tetrachloride	108	106	62 - 140	0	50		
Dichlorobromomethane	113	112	74 - 128	1	50		
1,1,2,2-Tetrachloroethane	109	104	64 - 130	3	50		
1,2-Dichloropropane	116	117	77 - 118	2	50		
trans-1,3-Dichloropropene	120	117	75 - 126	1	50		
Trichloroethene	108	114	80 - 122	7	50		
Chlorodibromomethane	101	105	67 - 135	5	50		
1,1,2-Trichloroethane	118	117	76 - 120	0	50		
Benzene	104	107	79 - 118	3	50		
cis-1,3-Dichloropropene	119	117	71 - 123	0	50		
Bromoform	99	102	62 - 137	4	50		
2-Hexanone	94	94	30 - 148	2	50		
methyl isobutyl ketone	117	112	29 - 150	4	50		
Tetrachloroethene	88	99	79 - 132	13	50		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-67527

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	680-24072-22MS	Analysis Batch: 680-67695	Instrument ID: GC/MS Volatiles - M
Client Matrix:	Solid	Prep Batch: 680-67527	Lab File ID: m0205.d
Dilution:	500		Initial Weight/Volume: 7.2 g
Date Analyzed:	02/18/2007 1433		Final Weight/Volume: 5 g
Date Prepared:	02/15/2007 1234		

MSD Lab Sample ID:	680-24072-22MSD	Analysis Batch: 680-67695	Instrument ID: GC/MS Volatiles - M
Client Matrix:	Solid	Prep Batch: 680-67527	Lab File ID: m0206.d
Dilution:	500		Initial Weight/Volume: 7.1 g
Date Analyzed:	02/18/2007 1456		Final Weight/Volume: 5 g
Date Prepared:	02/15/2007 1234		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Toluene	113	114	80 - 118	2	50		
Chlorobenzene	96	101	81 - 120	7	50		
Ethylbenzene	100	106	82 - 118	7	50		
Styrene	98	100	80 - 118	3	50		
Xylenes, Total	100	103	74 - 122	5	50		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Toluene-d8 (Surr)	120	D	119	D	65 - 128
4-Bromofluorobenzene	111	D	107	D	68 - 121
Dibromofluoromethane	100	D	112	D	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67589

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-67589/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 02/16/2007 0836
Date Prepared: N/A

Analysis Batch: 680-67589
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq093.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
Chloromethane	200	U	28	200
Carbon disulfide	200	U	40	200
Bromomethane	200	U	52	200
Vinyl chloride	200	U	37	200
Chloroethane	200	U	60	200
Methylene Chloride	200	U	64	200
Acetone	2000	U	120	2000
1,1-Dichloroethene	200	U	44	200
1,1-Dichloroethane	200	U	40	200
cis-1,2-Dichloroethene	200	U	35	200
trans-1,2-Dichloroethene	200	U	44	200
Chloroform	200	U	35	200
1,2-Dichloroethane	200	U	48	200
Methyl Ethyl Ketone	1000	U	160	1000
1,1,1-Trichloroethane	200	U	34	200
Carbon tetrachloride	200	U	36	200
Dichlorobromomethane	200	U	40	200
1,1,2,2-Tetrachloroethane	200	U	40	200
1,2-Dichloropropane	200	U	52	200
trans-1,3-Dichloropropene	200	U	44	200
Trichloroethene	200	U	48	200
Chlorodibromomethane	200	U	44	200
1,1,2-Trichloroethane	200	U	48	200
Benzene	200	U	34	200
cis-1,3-Dichloropropene	200	U	36	200
Bromoform	200	U	88	200
2-Hexanone	1000	U	220	1000
methyl isobutyl ketone	1000	U	230	1000
Tetrachloroethene	200	U	40	200
Toluene	200	U	40	200
Chlorobenzene	200	U	28	200
Ethylbenzene	200	U	35	200
Styrene	200	U	34	200
Xylenes, Total	400	U	80	400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	104	65 - 128
4-Bromofluorobenzene	98	68 - 121
Dibromofluoromethane	99	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67589

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-67589/3
Client Matrix: Solid
Dilution: 40
Date Analyzed: 02/16/2007 0728
Date Prepared: N/A

Analysis Batch: 680-67589
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq090.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2500	2430	97	42 - 140	
Carbon disulfide	2500	2420	97	32 - 157	
Bromomethane	2500	2680	107	26 - 160	
Vinyl chloride	2500	2450	98	34 - 154	
Chloroethane	2500	2310	92	20 - 140	
Methylene Chloride	2500	2320	93	54 - 150	
Acetone	5000	5530	111	28 - 143	
1,1-Dichloroethene	2500	2460	99	52 - 143	
1,1-Dichloroethane	2500	2530	101	43 - 157	
cis-1,2-Dichloroethene	2500	2400	96	69 - 131	
trans-1,2-Dichloroethene	2500	2370	95	35 - 154	
Chloroform	2500	2510	100	77 - 125	
1,2-Dichloroethane	2500	2410	97	65 - 133	
Methyl Ethyl Ketone	5000	5440	109	30 - 149	
1,1,1-Trichloroethane	2500	2480	99	58 - 139	
Carbon tetrachloride	2500	2500	100	62 - 140	
Dichlorobromomethane	2500	2420	97	74 - 128	
1,1,2,2-Tetrachloroethane	2500	2270	91	64 - 130	
1,2-Dichloropropane	2500	2470	99	77 - 118	
trans-1,3-Dichloropropene	2500	2410	97	75 - 126	
Trichloroethene	2500	2420	97	80 - 122	
Chlorodibromomethane	2500	2480	99	67 - 135	
1,1,2-Trichloroethane	2500	2400	96	76 - 120	
Benzene	2500	2290	92	79 - 118	
cis-1,3-Dichloropropene	2500	2450	98	71 - 123	
Bromoform	2500	2370	95	62 - 137	
2-Hexanone	5000	4130	83	30 - 148	
methyl isobutyl ketone	5000	4330	87	29 - 150	
Tetrachloroethene	2500	2300	92	79 - 132	
Toluene	2500	2410	96	80 - 118	
Chlorobenzene	2500	2400	96	81 - 120	
Ethylbenzene	2500	2400	96	82 - 118	
Styrene	2500	2440	98	80 - 118	
Xylenes, Total	7500	7150	95	74 - 122	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	65 - 128
4-Bromofluorobenzene	98	68 - 121
Dibromofluoromethane	98	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67669

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-67669/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2007 1454
Date Prepared: 02/16/2007 1454

Analysis Batch: 680-67669
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq358.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	87	79 - 122
4-Bromofluorobenzene	102	77 - 120
Dibromofluoromethane	113	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67669

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-67669/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2007 1257
Date Prepared: 02/16/2007 1257

Analysis Batch: 680-67669
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq352.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	50.5	101	51 - 133	
Carbon disulfide	50.0	56.3	113	60 - 130	
Bromomethane	50.0	51.5	103	21 - 176	
Vinyl chloride	50.0	52.0	104	59 - 136	
Chloroethane	50.0	49.7	99	40 - 171	
Methylene Chloride	50.0	55.5	111	67 - 128	
Acetone	100	119	119	20 - 183	
1,1-Dichloroethene	50.0	60.2	120	64 - 132	
1,1-Dichloroethane	50.0	55.6	111	70 - 127	
cis-1,2-Dichloroethene	50.0	61.2	122	69 - 126	
trans-1,2-Dichloroethene	50.0	61.1	122	67 - 130	
Chloroform	50.0	56.7	113	74 - 124	
1,2-Dichloroethane	50.0	41.3	83	68 - 130	
Methyl Ethyl Ketone	100	115	115	51 - 142	
1,1,1-Trichloroethane	50.0	49.2	98	70 - 132	
Carbon tetrachloride	50.0	52.5	105	64 - 137	
Dichlorobromomethane	50.0	46.4	93	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	71 - 127	
1,2-Dichloropropane	50.0	43.9	88	74 - 123	
trans-1,3-Dichloropropene	50.0	46.0	92	75 - 126	
Trichloroethene	50.0	52.4	105	75 - 122	
Chlorodibromomethane	50.0	59.3	119	75 - 126	
1,1,2-Trichloroethane	50.0	44.7	89	75 - 122	
Benzene	50.0	44.5	89	74 - 122	
cis-1,3-Dichloropropene	50.0	45.5	91	76 - 126	
Bromoform	50.0	54.7	109	64 - 132	
2-Hexanone	100	108	108	58 - 139	
methyl isobutyl ketone	100	95.2	95	62 - 130	
Tetrachloroethene	50.0	60.2	120	70 - 133	
Toluene	50.0	48.3	97	75 - 122	
Chlorobenzene	50.0	55.9	112	75 - 123	
Ethylbenzene	50.0	52.3	105	77 - 123	
Styrene	50.0	56.6	113	75 - 125	
Xylenes, Total	150	167	112	77 - 121	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	97	79 - 122
4-Bromofluorobenzene	104	77 - 120
Dibromofluoromethane	121	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67679

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-67679/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2007 1439
Date Prepared: 02/16/2007 1439

Analysis Batch: 680-67679
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq357.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	89	79 - 122
4-Bromofluorobenzene	104	77 - 120
Dibromofluoromethane	108	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67679

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-67679/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/16/2007 1242
Date Prepared: 02/16/2007 1242

Analysis Batch: 680-67679
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq351.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	55.1	110	51 - 133	
Carbon disulfide	50.0	57.6	115	60 - 130	
Bromomethane	50.0	50.0	100	21 - 176	
Vinyl chloride	50.0	57.1	114	59 - 136	
Chloroethane	50.0	58.5	117	40 - 171	
Methylene Chloride	50.0	56.6	113	67 - 128	
Acetone	100	132	132	20 - 183	
1,1-Dichloroethene	50.0	60.2	120	64 - 132	
1,1-Dichloroethane	50.0	55.9	112	70 - 127	
cis-1,2-Dichloroethene	50.0	60.4	121	69 - 126	
trans-1,2-Dichloroethene	50.0	62.3	125	67 - 130	
Chloroform	50.0	54.9	110	74 - 124	
1,2-Dichloroethane	50.0	39.0	78	68 - 130	
Methyl Ethyl Ketone	100	113	113	51 - 142	
1,1,1-Trichloroethane	50.0	46.9	94	70 - 132	
Carbon tetrachloride	50.0	50.3	101	64 - 137	
Dichlorobromomethane	50.0	45.1	90	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	53.0	106	71 - 127	
1,2-Dichloropropane	50.0	43.0	86	74 - 123	
trans-1,3-Dichloropropene	50.0	45.0	90	75 - 126	
Trichloroethene	50.0	51.7	103	75 - 122	
Chlorodibromomethane	50.0	58.7	117	75 - 126	
1,1,2-Trichloroethane	50.0	44.8	90	75 - 122	
Benzene	50.0	42.8	86	74 - 122	
cis-1,3-Dichloropropene	50.0	44.5	89	76 - 126	
Bromoform	50.0	67.1	134	64 - 132	*
2-Hexanone	100	113	113	58 - 139	
methyl isobutyl ketone	100	91.6	92	62 - 130	
Tetrachloroethene	50.0	61.5	123	70 - 133	
Toluene	50.0	47.2	94	75 - 122	
Chlorobenzene	50.0	54.1	108	75 - 123	
Ethylbenzene	50.0	52.0	104	77 - 123	
Styrene	50.0	54.6	109	75 - 125	
Xylenes, Total	150	165	110	77 - 121	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	79 - 122
4-Bromofluorobenzene	104	77 - 120
Dibromofluoromethane	123	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67694

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-67694/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/18/2007 1319
Date Prepared: N/A

Analysis Batch: 680-67694
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq106.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	5.0	U	0.70	5.0
Carbon disulfide	5.0	U	1.0	5.0
Bromomethane	5.0	U	1.3	5.0
Vinyl chloride	5.0	U	0.92	5.0
Chloroethane	5.0	U	1.5	5.0
Methylene Chloride	5.0	U	1.6	5.0
Acetone	50	U	3.0	50
1,1-Dichloroethene	5.0	U	1.1	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
cis-1,2-Dichloroethene	5.0	U	0.88	5.0
trans-1,2-Dichloroethene	5.0	U	1.1	5.0
Chloroform	5.0	U	0.88	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
Methyl Ethyl Ketone	25	U	4.0	25
1,1,1-Trichloroethane	5.0	U	0.85	5.0
Carbon tetrachloride	5.0	U	0.89	5.0
Dichlorobromomethane	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.0	5.0
1,2-Dichloropropane	5.0	U	1.3	5.0
trans-1,3-Dichloropropene	5.0	U	1.1	5.0
Trichloroethene	5.0	U	1.2	5.0
Chlorodibromomethane	5.0	U	1.1	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Benzene	5.0	U	0.86	5.0
cis-1,3-Dichloropropene	5.0	U	0.91	5.0
Bromoform	5.0	U	2.2	5.0
2-Hexanone	25	U	5.4	25
methyl isobutyl ketone	25	U	5.8	25
Tetrachloroethene	5.0	U	1.0	5.0
Toluene	5.0	U	1.0	5.0
Chlorobenzene	5.0	U	0.69	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.85	5.0
Xylenes, Total	10	U	2.0	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	65 - 128
4-Bromofluorobenzene	96	68 - 121
Dibromofluoromethane	93	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67694

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-67694/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/18/2007 1211
Date Prepared: N/A

Analysis Batch: 680-67694
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq103.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	53.8	108	42 - 140	
Carbon disulfide	50.0	53.2	106	32 - 157	
Bromomethane	50.0	63.3	127	26 - 160	
Vinyl chloride	50.0	54.3	109	34 - 154	
Chloroethane	50.0	50.3	101	20 - 140	
Methylene Chloride	50.0	50.3	101	54 - 150	
Acetone	100	122	122	28 - 143	
1,1-Dichloroethene	50.0	52.8	106	52 - 143	
1,1-Dichloroethane	50.0	55.2	110	43 - 157	
cis-1,2-Dichloroethene	50.0	51.2	102	69 - 131	
trans-1,2-Dichloroethene	50.0	51.3	103	35 - 154	
Chloroform	50.0	54.6	109	77 - 125	
1,2-Dichloroethane	50.0	59.6	119	65 - 133	
Methyl Ethyl Ketone	100	113	113	30 - 149	
1,1,1-Trichloroethane	50.0	59.3	119	58 - 139	
Carbon tetrachloride	50.0	55.5	111	62 - 140	
Dichlorobromomethane	50.0	55.1	110	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	47.6	95	64 - 130	
1,2-Dichloropropane	50.0	56.0	112	77 - 118	
trans-1,3-Dichloropropene	50.0	56.5	113	75 - 126	
Trichloroethene	50.0	55.2	110	80 - 122	
Chlorodibromomethane	50.0	52.9	106	67 - 135	
1,1,2-Trichloroethane	50.0	54.8	110	76 - 120	
Benzene	50.0	51.8	104	79 - 118	
cis-1,3-Dichloropropene	50.0	55.9	112	71 - 123	
Bromoform	50.0	49.1	98	62 - 137	
2-Hexanone	100	89.3	89	30 - 148	
methyl isobutyl ketone	100	99.8	100	29 - 150	
Tetrachloroethene	50.0	49.7	99	79 - 132	
Toluene	50.0	55.1	110	80 - 118	
Chlorobenzene	50.0	51.3	103	81 - 120	
Ethylbenzene	50.0	51.6	103	82 - 118	
Styrene	50.0	51.9	104	80 - 118	
Xylenes, Total	150	155	103	74 - 122	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	114	65 - 128
4-Bromofluorobenzene	105	68 - 121
Dibromofluoromethane	108	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Method Blank - Batch: 680-67695

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-67695/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 02/18/2007 1256
Date Prepared: N/A

Analysis Batch: 680-67695
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq105.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	200	U	28	200
Carbon disulfide	200	U	40	200
Bromomethane	200	U	52	200
Vinyl chloride	200	U	37	200
Chloroethane	200	U	60	200
Methylene Chloride	200	U	64	200
Acetone	2000	U	120	2000
1,1-Dichloroethene	200	U	44	200
1,1-Dichloroethane	200	U	40	200
cis-1,2-Dichloroethene	200	U	35	200
trans-1,2-Dichloroethene	200	U	44	200
Chloroform	200	U	35	200
1,2-Dichloroethane	200	U	48	200
Methyl Ethyl Ketone	1000	U	160	1000
1,1,1-Trichloroethane	200	U	34	200
Carbon tetrachloride	200	U	36	200
Dichlorobromomethane	200	U	40	200
1,1,2,2-Tetrachloroethane	200	U	40	200
1,2-Dichloropropane	200	U	52	200
trans-1,3-Dichloropropene	200	U	44	200
Trichloroethene	200	U	48	200
Chlorodibromomethane	200	U	44	200
1,1,2-Trichloroethane	200	U	48	200
Benzene	200	U	34	200
cis-1,3-Dichloropropene	200	U	36	200
Bromoform	200	U	88	200
2-Hexanone	1000	U	220	1000
methyl isobutyl ketone	1000	U	230	1000
Tetrachloroethene	200	U	40	200
Toluene	200	U	40	200
Chlorobenzene	200	U	28	200
Ethylbenzene	200	U	35	200
Styrene	200	U	34	200
Xylenes, Total	400	U	80	400

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	113	65 - 128
4-Bromofluorobenzene	103	68 - 121
Dibromofluoromethane	103	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67695

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-67695/3
Client Matrix: Solid
Dilution: 40
Date Analyzed: 02/18/2007 1148
Date Prepared: N/A

Analysis Batch: 680-67695
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq102.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2500	2420	97	42 - 140	
Carbon disulfide	2500	2390	96	32 - 157	
Bromomethane	2500	2850	114	26 - 160	
Vinyl chloride	2500	2460	98	34 - 154	
Chloroethane	2500	2310	92	20 - 140	
Methylene Chloride	2500	2290	92	54 - 150	
Acetone	5000	5830	117	28 - 143	
1,1-Dichloroethene	2500	2420	97	52 - 143	
1,1-Dichloroethane	2500	2570	103	43 - 157	
cis-1,2-Dichloroethene	2500	2370	95	69 - 131	
trans-1,2-Dichloroethene	2500	2400	96	35 - 154	
Chloroform	2500	2540	101	77 - 125	
1,2-Dichloroethane	2500	2450	98	65 - 133	
Methyl Ethyl Ketone	5000	5680	114	30 - 149	
1,1,1-Trichloroethane	2500	2680	107	58 - 139	
Carbon tetrachloride	2500	2650	106	62 - 140	
Dichlorobromomethane	2500	2570	103	74 - 128	
1,1,2,2-Tetrachloroethane	2500	2350	94	64 - 130	
1,2-Dichloropropane	2500	2560	102	77 - 118	
trans-1,3-Dichloropropene	2500	2590	104	75 - 126	
Trichloroethene	2500	2490	100	80 - 122	
Chlorodibromomethane	2500	2580	103	67 - 135	
1,1,2-Trichloroethane	2500	2520	101	76 - 120	
Benzene	2500	2380	95	79 - 118	
cis-1,3-Dichloropropene	2500	2570	103	71 - 123	
Bromoform	2500	2460	98	62 - 137	
2-Hexanone	5000	4370	87	30 - 148	
methyl isobutyl ketone	5000	4760	95	29 - 150	
Tetrachloroethene	2500	2270	91	79 - 132	
Toluene	2500	2500	100	80 - 118	
Chlorobenzene	2500	2380	95	81 - 120	
Ethylbenzene	2500	2440	98	82 - 118	
Styrene	2500	2450	98	80 - 118	
Xylenes, Total	7500	7220	96	74 - 122	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	102	65 - 128
4-Bromofluorobenzene	100	68 - 121
Dibromofluoromethane	100	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67725

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-67725/27
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/19/2007 1141
Date Prepared: N/A

Analysis Batch: 680-67725
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq113.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	5.0	U	0.70	5.0
Carbon disulfide	5.0	U	1.0	5.0
Bromomethane	5.0	U	1.3	5.0
Vinyl chloride	5.0	U	0.92	5.0
Chloroethane	5.0	U	1.5	5.0
Methylene Chloride	5.0	U	1.6	5.0
Acetone	50	U	3.0	50
1,1-Dichloroethene	5.0	U	1.1	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
cis-1,2-Dichloroethene	5.0	U	0.88	5.0
trans-1,2-Dichloroethene	5.0	U	1.1	5.0
Chloroform	5.0	U	0.88	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
Methyl Ethyl Ketone	25	U	4.0	25
1,1,1-Trichloroethane	5.0	U	0.85	5.0
Carbon tetrachloride	5.0	U	0.89	5.0
Dichlorobromomethane	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.0	5.0
1,2-Dichloropropane	5.0	U	1.3	5.0
trans-1,3-Dichloropropene	5.0	U	1.1	5.0
Trichloroethene	5.0	U	1.2	5.0
Chlorodibromomethane	5.0	U	1.1	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Benzene	5.0	U	0.86	5.0
cis-1,3-Dichloropropene	5.0	U	0.91	5.0
Bromoform	5.0	U	2.2	5.0
2-Hexanone	25	U	5.4	25
methyl isobutyl ketone	25	U	5.8	25
Tetrachloroethene	5.0	U	1.0	5.0
Toluene	5.0	U	1.0	5.0
Chlorobenzene	5.0	U	0.69	5.0
Ethylbenzene	5.0	U	0.87	5.0
Styrene	5.0	U	0.85	5.0
Xylenes, Total	10	U	2.0	10

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	96	65 - 128
4-Bromofluorobenzene	96	68 - 121
Dibromofluoromethane	89	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67725

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-67725/25
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/19/2007 1033
Date Prepared: N/A

Analysis Batch: 680-67725
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - M
Lab File ID: mq110.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	60.0	120	42 - 140	
Carbon disulfide	50.0	57.8	116	32 - 157	
Bromomethane	50.0	58.5	117	26 - 160	
Vinyl chloride	50.0	58.7	117	34 - 154	
Chloroethane	50.0	55.7	111	20 - 140	
Methylene Chloride	50.0	57.2	114	54 - 150	
Acetone	100	150	150	28 - 143	*
1,1-Dichloroethene	50.0	60.0	120	52 - 143	
1,1-Dichloroethane	50.0	61.3	123	43 - 157	
cis-1,2-Dichloroethene	50.0	57.9	116	69 - 131	
trans-1,2-Dichloroethene	50.0	58.6	117	35 - 154	
Chloroform	50.0	59.3	119	77 - 125	
1,2-Dichloroethane	50.0	54.4	109	65 - 133	
Methyl Ethyl Ketone	100	144	144	30 - 149	
1,1,1-Trichloroethane	50.0	54.9	110	58 - 139	
Carbon tetrachloride	50.0	48.1	96	62 - 140	
Dichlorobromomethane	50.0	57.2	114	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	52.6	105	64 - 130	
1,2-Dichloropropane	50.0	59.3	119	77 - 118	*
trans-1,3-Dichloropropene	50.0	58.0	116	75 - 126	
Trichloroethene	50.0	59.4	119	80 - 122	
Chlorodibromomethane	50.0	56.9	114	67 - 135	
1,1,2-Trichloroethane	50.0	58.6	117	76 - 120	
Benzene	50.0	51.5	103	79 - 118	
cis-1,3-Dichloropropene	50.0	58.5	117	71 - 123	
Bromoform	50.0	54.9	110	62 - 137	
2-Hexanone	100	106	106	30 - 148	
methyl isobutyl ketone	100	116	116	29 - 150	
Tetrachloroethene	50.0	55.1	110	79 - 132	
Toluene	50.0	57.2	114	80 - 118	
Chlorobenzene	50.0	56.0	112	81 - 120	
Ethylbenzene	50.0	55.1	110	82 - 118	
Styrene	50.0	55.0	110	80 - 118	
Xylenes, Total	150	164	110	74 - 122	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	117	65 - 128
4-Bromofluorobenzene	110	68 - 121
Dibromofluoromethane	119	66 - 127

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67804

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-67804/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/19/2007 1457
Date Prepared: 02/19/2007 1457

Analysis Batch: 680-67804
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq387.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	79 - 122
4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	116	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67804

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-67804/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/19/2007 1218
Date Prepared: 02/19/2007 1218

Analysis Batch: 680-67804
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq377.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	44.9	90	51 - 133	
Carbon disulfide	50.0	52.7	105	60 - 130	
Bromomethane	50.0	52.8	106	21 - 176	
Vinyl chloride	50.0	48.8	98	59 - 136	
Chloroethane	50.0	52.0	104	40 - 171	
Methylene Chloride	50.0	53.7	107	67 - 128	
Acetone	100	107	107	20 - 183	
1,1-Dichloroethene	50.0	55.9	112	64 - 132	
1,1-Dichloroethane	50.0	53.9	108	70 - 127	
cis-1,2-Dichloroethene	50.0	59.6	119	69 - 126	
trans-1,2-Dichloroethene	50.0	59.2	118	67 - 130	
Chloroform	50.0	55.2	110	74 - 124	
1,2-Dichloroethane	50.0	40.0	80	68 - 130	
Methyl Ethyl Ketone	100	106	106	51 - 142	
1,1,1-Trichloroethane	50.0	49.9	100	70 - 132	
Carbon tetrachloride	50.0	55.4	111	64 - 137	
Dichlorobromomethane	50.0	46.7	93	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	49.5	99	71 - 127	
1,2-Dichloropropane	50.0	44.5	89	74 - 123	
trans-1,3-Dichloropropene	50.0	46.5	93	75 - 126	
Trichloroethene	50.0	53.2	106	75 - 122	
Chlorodibromomethane	50.0	58.4	117	75 - 126	
1,1,2-Trichloroethane	50.0	44.3	89	75 - 122	
Benzene	50.0	44.8	90	74 - 122	
cis-1,3-Dichloropropene	50.0	45.9	92	76 - 126	
Bromoform	50.0	54.6	109	64 - 132	
2-Hexanone	100	103	103	58 - 139	
methyl isobutyl ketone	100	92.0	92	62 - 130	
Tetrachloroethene	50.0	58.9	118	70 - 133	
Toluene	50.0	49.3	99	75 - 122	
Chlorobenzene	50.0	53.7	107	75 - 123	
Ethylbenzene	50.0	51.2	102	77 - 123	
Styrene	50.0	55.0	110	75 - 125	
Xylenes, Total	150	161	107	77 - 121	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	98	79 - 122
4-Bromofluorobenzene	99	77 - 120
Dibromofluoromethane	116	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc.

Job Number: 680-24072-1

Method Blank - Batch: 680-67910

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-67910/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2007 1342
Date Prepared: 02/17/2007 1342

Analysis Batch: 680-67910
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq368.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.53	1.0
Carbon disulfide	2.0	U	0.75	2.0
Bromomethane	1.0	U	0.93	1.0
Vinyl chloride	1.0	U	0.92	1.0
Chloroethane	1.0	U	0.89	1.0
Methylene Chloride	5.0	U	0.44	5.0
Acetone	25	U	7.3	25
1,1-Dichloroethene	1.0	U	0.93	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
cis-1,2-Dichloroethene	1.0	U	0.55	1.0
trans-1,2-Dichloroethene	1.0	U	0.80	1.0
Chloroform	1.0	U	0.52	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl Ethyl Ketone	10	U	0.72	10
1,1,1-Trichloroethane	1.0	U	0.79	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Trichloroethene	1.0	U	0.71	1.0
Chlorodibromomethane	1.0	U	0.40	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Benzene	1.0	U	0.54	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
Bromoform	1.0	U	0.36	1.0
2-Hexanone	10	U	0.39	10
methyl isobutyl ketone	10	U	0.45	10
Tetrachloroethene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Chlorobenzene	1.0	U	0.41	1.0
Ethylbenzene	1.0	U	0.62	1.0
Styrene	1.0	U	0.42	1.0
Xylenes, Total	2.0	U	1.3	2.0

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	87	79 - 122
4-Bromofluorobenzene	101	77 - 120
Dibromofluoromethane	112	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67910

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-67910/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2007 1200
Date Prepared: 02/17/2007 1200

Analysis Batch: 680-67910
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq362.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	50.0	45.8	92	51 - 133	
Carbon disulfide	50.0	52.4	105	60 - 130	
Bromomethane	50.0	39.2	78	21 - 176	
Vinyl chloride	50.0	49.0	98	59 - 136	
Chloroethane	50.0	42.0	84	40 - 171	
Methylene Chloride	50.0	53.3	107	67 - 128	
Acetone	100	101	101	20 - 183	
1,1-Dichloroethene	50.0	53.8	108	64 - 132	
1,1-Dichloroethane	50.0	54.5	109	70 - 127	
cis-1,2-Dichloroethene	50.0	61.1	122	69 - 126	
trans-1,2-Dichloroethene	50.0	61.4	123	67 - 130	
Chloroform	50.0	56.8	114	74 - 124	
1,2-Dichloroethane	50.0	39.8	80	68 - 130	
Methyl Ethyl Ketone	100	105	105	51 - 142	
1,1,1-Trichloroethane	50.0	48.1	96	70 - 132	
Carbon tetrachloride	50.0	52.3	105	64 - 137	
Dichlorobromomethane	50.0	45.3	91	74 - 128	
1,1,2,2-Tetrachloroethane	50.0	49.6	99	71 - 127	
1,2-Dichloropropane	50.0	42.1	84	74 - 123	
trans-1,3-Dichloropropene	50.0	43.8	88	75 - 126	
Trichloroethene	50.0	52.2	104	75 - 122	
Chlorodibromomethane	50.0	59.8	120	75 - 126	
1,1,2-Trichloroethane	50.0	42.5	85	75 - 122	
Benzene	50.0	44.0	88	74 - 122	
cis-1,3-Dichloropropene	50.0	44.3	89	76 - 126	
Bromoform	50.0	52.7	105	64 - 132	
2-Hexanone	100	99.9	100	58 - 139	
methyl isobutyl ketone	100	84.6	85	62 - 130	
Tetrachloroethene	50.0	59.2	118	70 - 133	
Toluene	50.0	46.6	93	75 - 122	
Chlorobenzene	50.0	53.7	107	75 - 123	
Ethylbenzene	50.0	52.2	104	77 - 123	
Styrene	50.0	55.7	111	75 - 125	
Xylenes, Total	150	164	109	77 - 121	

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	94	79 - 122
4-Bromofluorobenzene	101	77 - 120
Dibromofluoromethane	121	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-67910

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-24072-8	Analysis Batch: 680-67910	Instrument ID: GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o4871.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/17/2007 1634		Final Weight/Volume: 5 mL
Date Prepared:	02/17/2007 1634		

MSD Lab Sample ID:	680-24072-8	Analysis Batch: 680-67910	Instrument ID: GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o4873.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/17/2007 1702		Final Weight/Volume: 5 mL
Date Prepared:	02/17/2007 1702		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	100	101	51 - 133	1	50		
Carbon disulfide	114	115	60 - 130	1	30		
Bromomethane	112	123	21 - 176	9	50		
Vinyl chloride	107	106	59 - 136	1	50		
Chloroethane	158	129	40 - 171	20	50		
Methylene Chloride	109	109	67 - 128	0	30		
Acetone	88	84	20 - 183	4	50		
1,1-Dichloroethene	118	117	64 - 132	0	30		
1,1-Dichloroethane	110	108	70 - 127	2	30		
cis-1,2-Dichloroethene	120	122	69 - 126	2	30		
trans-1,2-Dichloroethene	123	124	67 - 130	0	30		
Chloroform	113	113	74 - 124	0	30		
1,2-Dichloroethane	81	79	68 - 130	2	30		
Methyl Ethyl Ketone	86	85	51 - 142	2	30		
1,1,1-Trichloroethane	101	99	70 - 132	2	30		
Carbon tetrachloride	108	111	64 - 137	2	30		
Dichlorobromomethane	90	88	74 - 128	2	30		
1,1,2,2-Tetrachloroethane	98	96	71 - 127	2	30		
1,2-Dichloropropane	86	82	74 - 123	4	30		
trans-1,3-Dichloropropene	79	78	75 - 126	2	30		
Trichloroethene	104	102	75 - 122	2	30		
Chlorodibromomethane	121	115	75 - 126	5	30		
1,1,2-Trichloroethane	86	83	75 - 122	3	30		
Benzene	90	88	74 - 122	3	30		
cis-1,3-Dichloropropene	83	82	76 - 126	1	30		
Bromoform	103	105	64 - 132	2	30		
2-Hexanone	90	89	58 - 139	2	30		
methyl isobutyl ketone	83	81	62 - 130	3	30		
Tetrachloroethene	116	118	70 - 133	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-67910

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-24072-8	Analysis Batch:	680-67910	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	o4871.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	02/17/2007 1634			Final Weight/Volume:	5 mL
Date Prepared:	02/17/2007 1634				

MSD Lab Sample ID:	680-24072-8	Analysis Batch:	680-67910	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	o4873.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	02/17/2007 1702			Final Weight/Volume:	5 mL
Date Prepared:	02/17/2007 1702				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Toluene	94	92	75 - 122	2	30		
Chlorobenzene	109	107	75 - 123	2	30		
Ethylbenzene	107	102	77 - 123	5	30		
Styrene	110	107	75 - 125	3	30		
Xylenes, Total	109	107	77 - 121	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	95	93	79 - 122
4-Bromofluorobenzene	100	99	77 - 120
Dibromofluoromethane	120	118	75 - 123

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67006

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 680-67006/13-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/11/2007 1303
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67108
Prep Batch: 680-67006
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5818.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzo[g,h,i]perylene	10	U	1.0	10
Benzo[k]fluoranthene	10	U	0.73	10
Acenaphthene	10	U	0.64	10
Acenaphthylene	10	U	0.58	10
Benzo[a]anthracene	10	U	0.58	10
Benzo[a]pyrene	10	U	1.0	10
Benzo[b]fluoranthene	10	U	0.78	10
1-Methylnaphthalene	10	U	0.62	10
2-Methylnaphthalene	10	U	0.53	10
Chrysene	10	U	1.0	10
Dibenz(a,h)anthracene	10	U	1.0	10
Fluoranthene	10	U	1.0	10
Fluorene	10	U	0.55	10
Indeno[1,2,3-cd]pyrene	10	U	0.62	10
Naphthalene	10	U	0.76	10
Phenanthrene	10	U	0.74	10
Pyrene	10	U	1.0	10
Anthracene	10	U	0.88	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	72	59 - 103
Nitrobenzene-d5	69	60 - 102
Terphenyl-d14	80	10 - 154

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67006

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 680-67006/14-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/10/2007 1639
Date Prepared: 02/09/2007 0819

Analysis Batch: 680-67104
Prep Batch: 680-67006
Units: ug/L

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g7969.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzo[g,h,i]perylene	100	93.3	93	45 - 128	
Benzo[k]fluoranthene	100	93.2	93	47 - 129	
Acenaphthene	100	92.7	93	49 - 117	
Acenaphthylene	100	95.1	95	53 - 117	
Benzo[a]anthracene	100	96.2	96	55 - 119	
Benzo[a]pyrene	100	91.6	92	36 - 128	
Benzo[b]fluoranthene	100	97.5	98	44 - 130	
1-Methylnaphthalene	100	88.5	89	33 - 123	
2-Methylnaphthalene	100	92.6	93	51 - 110	
Chrysene	100	96.2	96	56 - 122	
Dibenz(a,h)anthracene	100	93.5	93	47 - 126	
Fluoranthene	100	98.4	98	51 - 125	
Fluorene	100	96.8	97	43 - 124	
Indeno[1,2,3-cd]pyrene	100	99.7	100	40 - 132	
Naphthalene	100	87.2	87	42 - 108	
Phenanthrene	100	95.6	96	58 - 120	
Pyrene	100	96.3	96	49 - 135	
Anthracene	100	94.5	95	57 - 118	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	85	59 - 103
Nitrobenzene-d5	84	60 - 102
Terphenyl-d14	82	10 - 154

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-67006

Method: 8270C
Preparation: 3520C

MS Lab Sample ID:	680-24072-8	Analysis Batch:	680-67108	Instrument ID:	GC/MS SemiVolatiles - N
Client Matrix:	Water	Prep Batch:	680-67006	Lab File ID:	n5831.d
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Date Analyzed:	02/11/2007 1845			Final Weight/Volume:	1 mL
Date Prepared:	02/09/2007 0819			Injection Volume:	

MSD Lab Sample ID:	680-24072-8	Analysis Batch:	680-67108	Instrument ID:	GC/MS SemiVolatiles - N
Client Matrix:	Water	Prep Batch:	680-67006	Lab File ID:	n5832.d
Dilution:	1.0			Initial Weight/Volume:	1040 mL
Date Analyzed:	02/11/2007 1911			Final Weight/Volume:	1 mL
Date Prepared:	02/09/2007 0819			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[g,h,i]perylene	90	78	45 - 128	14	40		
Benzo[k]fluoranthene	94	82	47 - 129	14	40		
Acenaphthene	86	80	49 - 117	6	40		
Acenaphthylene	96	89	53 - 117	7	40		
Benzo[a]anthracene	88	81	55 - 119	8	40		
Benzo[a]pyrene	91	81	36 - 128	11	40		
Benzo[b]fluoranthene	89	80	44 - 130	10	40		
1-Methylnaphthalene	85	81	33 - 123	5	40		
2-Methylnaphthalene	91	85	51 - 110	6	40		
Chrysene	93	83	56 - 122	11	40		
Dibenz(a,h)anthracene	91	82	47 - 126	11	40		
Fluoranthene	97	87	51 - 125	11	40		
Fluorene	96	88	43 - 124	8	40		
Indeno[1,2,3-cd]pyrene	96	87	40 - 132	10	40		
Naphthalene	87	80	42 - 108	7	40		
Phenanthrene	94	88	58 - 120	7	40		
Pyrene	89	83	49 - 135	7	40		
Anthracene	96	88	57 - 118	9	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	85	81	59 - 103
Nitrobenzene-d5	77	76	60 - 102
Terphenyl-d14	55	63	10 - 154

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 680-67123

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-67123/13-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/16/2007 1043
Date Prepared: 02/12/2007 0843

Analysis Batch: 680-67865
Prep Batch: 680-67123
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5854.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzo[g,h,i]perylene	330	U	23	330
Benzo[k]fluoranthene	330	U	36	330
Acenaphthene	330	U	19	330
Acenaphthylene	330	U	17	330
Benzo[a]anthracene	330	U	31	330
Benzo[a]pyrene	330	U	19	330
Benzo[b]fluoranthene	330	U	26	330
1-Methylnaphthalene	330	U	29	330
2-Methylnaphthalene	330	U	24	330
Chrysene	330	U	25	330
Dibenz(a,h)anthracene	330	U	24	330
Fluoranthene	330	U	26	330
Fluorene	330	U	22	330
Indeno[1,2,3-cd]pyrene	330	U	26	330
Naphthalene	330	U	19	330
Phenanthrene	330	U	29	330
Pyrene	330	U	20	330
Anthracene	330	U	23	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	84	38 - 104
Nitrobenzene-d5	72	33 - 94
Terphenyl-d14	94	40 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 680-67123

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-67123/14-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/16/2007 1620
Date Prepared: 02/12/2007 0843

Analysis Batch: 680-67865
Prep Batch: 680-67123
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n5867.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzo[g,h,i]perylene	3330	3030	91	41 - 122	
Benzo[k]fluoranthene	3330	3060	92	36 - 124	
Acenaphthene	3330	2900	87	36 - 108	
Acenaphthylene	3330	2990	90	41 - 112	
Benzo[a]anthracene	3330	3220	97	46 - 116	
Benzo[a]pyrene	3330	3100	93	37 - 120	
Benzo[b]fluoranthene	3330	3140	94	35 - 122	
1-Methylnaphthalene	3330	2800	84	12 - 128	
2-Methylnaphthalene	3330	2960	89	39 - 104	
Chrysene	3330	3200	96	46 - 118	
Dibenz(a,h)anthracene	3330	3170	95	41 - 124	
Fluoranthene	3330	3170	95	41 - 124	
Fluorene	3330	3060	92	37 - 113	
Indeno[1,2,3-cd]pyrene	3330	3140	94	36 - 133	
Naphthalene	3330	2740	82	34 - 97	
Phenanthrene	3330	3120	94	47 - 114	
Pyrene	3330	3150	94	36 - 128	
Anthracene	3330	3140	94	46 - 115	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	90	38 - 104
Nitrobenzene-d5	75	33 - 94
Terphenyl-d14	96	40 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-67123

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-24072-22	Analysis Batch: 680-67889	Instrument ID: GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch: 680-67123	Lab File ID: t1361.d
Dilution:	5.0		Initial Weight/Volume: 30.06 g
Date Analyzed:	02/20/2007 1749		Final Weight/Volume: 1.0 mL
Date Prepared:	02/12/2007 0843		Injection Volume:

MSD Lab Sample ID:	680-24072-22	Analysis Batch: 680-67889	Instrument ID: GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch: 680-67123	Lab File ID: t1362.d
Dilution:	5.0		Initial Weight/Volume: 30.10 g
Date Analyzed:	02/20/2007 1817		Final Weight/Volume: 1.0 mL
Date Prepared:	02/12/2007 0843		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[g,h,i]perylene	61	61	41 - 122	0	50		
Anthracene	61	62	46 - 115	2	50		
Benzo[k]fluoranthene	54	58	36 - 124	6	50		
Acenaphthene	61	66	36 - 108	7	50		
Acenaphthylene	61	65	41 - 112	6	50		
Benzo[a]anthracene	60	62	46 - 116	3	50		
Benzo[a]pyrene	59	59	37 - 120	0	50		
Benzo[b]fluoranthene	60	58	35 - 122	3	50		
1-Methylnaphthalene	47	115	12 - 128	16	50		
2-Methylnaphthalene	51	148	39 - 104	17	50	4	4
Chrysene	61	64	46 - 118	4	50		
Dibenz(a,h)anthracene	62	61	41 - 124	2	50		
Fluoranthene	61	63	41 - 124	3	50		
Fluorene	70	74	37 - 113	6	50		
Indeno[1,2,3-cd]pyrene	66	64	36 - 133	3	50		
Naphthalene	54	86	34 - 97	13	50		
Phenanthrene	61	63	47 - 114	4	50		
Pyrene	61	62	36 - 128	2	50		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	0	D	38 - 104
Nitrobenzene-d5	0	D	0	D	33 - 94
Terphenyl-d14	0	D	0	D	40 - 129

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 400-43448

Method: MAVPH
Preparation: 5030B

Lab Sample ID: MB 400-43448/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2007 1120
Date Prepared: 02/14/2007 1120

Analysis Batch: 400-43448
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/PID/FID
Lab File ID: T021402.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	7.0	U	7.0	7.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	103	70 - 130
a,a,a-Trifluorotoluene (pid)	107	70 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-43448

Method: MAVPH
Preparation: 5030B

LCS Lab Sample ID: LCS 400-43448/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2007 1215
Date Prepared: 02/14/2007 1215

Analysis Batch: 400-43448
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/PID/FID
Lab File ID: T021403.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 400-43448/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2007 1310
Date Prepared: 02/14/2007 1310

Analysis Batch: 400-43448
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/PID/FID
Lab File ID: T021404.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C5-C8 Aliphatics	76	88	70 - 130	15	50		
C9-C12 Aliphatics	82	93	70 - 130	13	50		
C9-C10 Aromatics	86	98	70 - 130	13	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	106	104	70 - 130
a,a,a-Trifluorotoluene (pid)	105	105	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-43448

Method: MAVPH
Preparation: 5030B

MS Lab Sample ID:	680-24072-8	Analysis Batch: 400-43448	Instrument ID: GC/PID/FID
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: T021905.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/19/2007 1302		Final Weight/Volume: 5 mL
Date Prepared:	02/19/2007 1302		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	680-24072-8	Analysis Batch: 400-43448	Instrument ID: GC/PID/FID
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: T021906.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/19/2007 1357		Final Weight/Volume: 5 mL
Date Prepared:	02/19/2007 1357		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C5-C8 Aliphatics	79	82	70 - 130	3	50		
C9-C12 Aliphatics	79	78	70 - 130	1	50		
C9-C10 Aromatics	51	50	70 - 130	1	50	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	104	106	70 - 130
a,a,a-Trifluorotoluene (pid)	104	104	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 400-43461

Method: MAVPH
Preparation: 5030B

Lab Sample ID: MB 400-43461/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/15/2007 0909
Date Prepared: 02/15/2007 0909

Analysis Batch: 400-43461
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/PID/FID
Lab File ID: T021501.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
C5-C8 Aliphatics	26	U	26	26
C9-C12 Aliphatics	11	U	11	11
C9-C10 Aromatics	7.0	U	7.0	7.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	105	70 - 130
a,a,a-Trifluorotoluene (pid)	106	70 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-43461

Method: MAVPH
Preparation: 5030B

LCS Lab Sample ID: LCS 400-43461/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/15/2007 1004
Date Prepared: 02/15/2007 1004

Analysis Batch: 400-43461
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/PID/FID
Lab File ID: T021502.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 400-43461/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/15/2007 1059
Date Prepared: 02/15/2007 1059

Analysis Batch: 400-43461
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/PID/FID
Lab File ID: T021503.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C5-C8 Aliphatics	76	82	70 - 130	8	50		
C9-C12 Aliphatics	80	88	70 - 130	9	50		
C9-C10 Aromatics	84	88	70 - 130	5	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	105	106	70 - 130
a,a,a-Trifluorotoluene (pid)	106	104	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-43461

Method: MAVPH
Preparation: 5030B

MS Lab Sample ID:	680-24072-4	Analysis Batch: 400-43461	Instrument ID: GC/PID/FID
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: T021907.D
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	02/19/2007 1452		Final Weight/Volume: 5 mL
Date Prepared:	02/19/2007 1452		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	680-24072-4	Analysis Batch: 400-43461	Instrument ID: GC/PID/FID
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: T021908.D
Dilution:	10		Initial Weight/Volume: 5 mL
Date Analyzed:	02/19/2007 1547		Final Weight/Volume: 5 mL
Date Prepared:	02/19/2007 1547		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C5-C8 Aliphatics	84	85	70 - 130	0	50		
C9-C12 Aliphatics	82	76	70 - 130	7	50		
C9-C10 Aromatics	26	39	70 - 130	3	50	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	103	101	70 - 130
a,a,a-Trifluorotoluene (pid)	104	99	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 400-43479

Method: MAVPH
Preparation: 5035

Lab Sample ID: MB 400-43479/1-AA
Client Matrix: Solid
Dilution: 50
Date Analyzed: 02/15/2007 0353
Date Prepared: 02/15/2007 1130

Analysis Batch: 400-43478
Prep Batch: 400-43479
Units: mg/Kg

Instrument ID: GC/PID/FID
Lab File ID: T021420.D
Initial Weight/Volume: 15 g
Final Weight/Volume: 15 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
C5-C8 Aliphatics	2.7	U	2.7	2.7
C9-C12 Aliphatics	1.4	U	1.4	1.4
C9-C10 Aromatics	0.75	U	0.75	0.75

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	118	70 - 130
a,a,a-Trifluorotoluene (pid)	120	70 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-43479

Method: MAVPH
Preparation: 5035

LCS Lab Sample ID: LCS 400-43479/2-AA
Client Matrix: Solid
Dilution: 50
Date Analyzed: 02/15/2007 0448
Date Prepared: 02/15/2007 1130

Analysis Batch: 400-43478
Prep Batch: 400-43479
Units: mg/Kg

Instrument ID: GC/PID/FID
Lab File ID: T021421.D
Initial Weight/Volume: 15 g
Final Weight/Volume: 15 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 400-43479/3-AA
Client Matrix: Solid
Dilution: 50
Date Analyzed: 02/20/2007 0535
Date Prepared: 02/15/2007 1130

Analysis Batch: 400-43478
Prep Batch: 400-43479
Units: mg/Kg

Instrument ID: GC/PID/FID
Lab File ID: T021923.D
Initial Weight/Volume: 15 g
Final Weight/Volume: 15 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C5-C8 Aliphatics	99	86	70 - 130	15	50		
C9-C12 Aliphatics	101	93	70 - 130	7	50		
C9-C10 Aromatics	105	99	70 - 130	6	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	116	100	70 - 130
a,a,a-Trifluorotoluene (pid)	117	100	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-43479

Method: MAVPH
Preparation: 5035

MS Lab Sample ID:	680-24072-22	Analysis Batch: 400-43478	Instrument ID: GC/PID/FID
Client Matrix:	Solid	Prep Batch: 400-43479	Lab File ID: T022106.D
Dilution:	5000		Initial Weight/Volume: 7.84 g
Date Analyzed:	02/21/2007 1357		Final Weight/Volume: 15 mL
Date Prepared:	02/06/2007 1130		Injection Volume:
			Column ID: PRIMARY
MSD Lab Sample ID:	680-24072-22	Analysis Batch: 400-43478	Instrument ID: GC/PID/FID
Client Matrix:	Solid	Prep Batch: 400-43479	Lab File ID: T022107.D
Dilution:	5000		Initial Weight/Volume: 7.84 g
Date Analyzed:	02/21/2007 1452		Final Weight/Volume: 15 mL
Date Prepared:	02/06/2007 1130		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C5-C8 Aliphatics	249	159	70 - 130	NC	50	U F	U F
C9-C12 Aliphatics	-333	360	70 - 130	NC	50	U 4	4
C9-C10 Aromatics	-1450	404	70 - 130	11	50	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
a,a,a-Trifluorotoluene (fid)	129	95	70 - 130
a,a,a-Trifluorotoluene (pid)	89	79	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 400-42992

Method: MA-EPH
Preparation: 3541

Lab Sample ID: MB 400-42992/21-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/14/2007 1738
Date Prepared: 02/12/2007 0827

Analysis Batch: 400-43220
Prep Batch: 400-42992
Units: mg/Kg

Instrument ID: GC/FID
Lab File ID: 3301033.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
C11-C22 Aromatics	1.6	U	1.6	1.6

Surrogate	% Rec	Acceptance Limits
2-Bromonaphthalene	75	40 - 140
2-Fluorobiphenyl	85	40 - 140
o-Terphenyl	72	40 - 140

Method Blank - Batch: 400-42992

Method: MA-EPH
Preparation: 3541

Lab Sample ID: MB 400-42992/21-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/15/2007 1047
Date Prepared: 02/12/2007 0827

Analysis Batch: 400-43282
Prep Batch: 400-42992
Units: mg/Kg

Instrument ID: GC/FID
Lab File ID: 3301033.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
C19-C36 Aliphatics	1.6	U	1.6	1.6
C9-C18 Aliphatics	1.6	U	1.6	1.6

Surrogate	% Rec	Acceptance Limits
1-Chlorooctadecane	85	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike - Batch: 400-42992

Method: MA-EPH
Preparation: 3541

Lab Sample ID: LCS 400-42992/19-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/21/2007 1045
Date Prepared: 02/12/2007 0827

Analysis Batch: 400-43282
Prep Batch: 400-42992
Units: mg/Kg

Instrument ID: GC/FID
Lab File ID: 0801002.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C19-C36 Aliphatics	13.3	14.9	111	40 - 140	
C9-C18 Aliphatics	10.0	9.75	97	40 - 140	

Surrogate	% Rec	Acceptance Limits
1-Chlorooctadecane	92	40 - 140

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-42992

Method: MA-EPH
Preparation: 3541

LCS Lab Sample ID: LCS 400-42992/19-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/14/2007 1743
Date Prepared: 02/12/2007 0827

Analysis Batch: 400-43220
Prep Batch: 400-42992
Units: mg/Kg

Instrument ID: GC/FID
Lab File ID: 3401034.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 400-42992/20-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/14/2007 1748
Date Prepared: 02/12/2007 0827

Analysis Batch: 400-43220
Prep Batch: 400-42992
Units: mg/Kg

Instrument ID: GC/FID
Lab File ID: 3501035.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C11-C22 Aromatics	97	93	40 - 140	4	50		

Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits
2-Bromonaphthalene	27	X	28	X	40 - 140
2-Fluorobiphenyl	86		89		40 - 140
o-Terphenyl	78		80		40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-42992

Method: MA-EPH
Preparation: 3541

MS Lab Sample ID:	680-24072-22	Analysis Batch: 400-43220	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-42992	Lab File ID: 3601036.D
Dilution:	1.0		Initial Weight/Volume: 30.17 g
Date Analyzed:	02/14/2007 1753		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0827		Injection Volume:

MSD Lab Sample ID:	680-24072-22	Analysis Batch: 400-43220	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-42992	Lab File ID: 3801038.D
Dilution:	1.0		Initial Weight/Volume: 30.44 g
Date Analyzed:	02/14/2007 1803		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0827		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C11-C22 Aromatics	-307	-554	40 - 140	11	50	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Bromonaphthalene	100	77	40 - 140
2-Fluorobiphenyl	75	97	40 - 140
o-Terphenyl	75	78	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-42992

Method: MA-EPH
Preparation: 3541

MS Lab Sample ID:	680-24072-22	Analysis Batch: 400-43282	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-42992	Lab File ID: 3601036.D
Dilution:	1.0		Initial Weight/Volume: 30.17 g
Date Analyzed:	02/15/2007 1102		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0827		Injection Volume:

MSD Lab Sample ID:	680-24072-22	Analysis Batch: 400-43282	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-42992	Lab File ID: 3801038.D
Dilution:	1.0		Initial Weight/Volume: 30.44 g
Date Analyzed:	02/15/2007 1112		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0827		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C19-C36 Aliphatics	89	88	40 - 140	2	50		
C9-C18 Aliphatics	1520	514	40 - 140	4	50	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1-Chlorooctadecane	78	77	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 400-42998

Method: MA-EPH
Preparation: 3520C

Lab Sample ID: MB 400-42998/16-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2007 1558
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43218
Prep Batch: 400-42998
Units: mg/L

Instrument ID: GC/FID
Lab File ID: 1301013.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
C11-C22 Aromatics	0.050	U	0.050	0.050

Surrogate	% Rec	Acceptance Limits
2-Bromonaphthalene	58	40 - 140
2-Fluorobiphenyl	78	40 - 140
o-Terphenyl	77	40 - 140

Method Blank - Batch: 400-42998

Method: MA-EPH
Preparation: 3520C

Lab Sample ID: MB 400-42998/16-AA
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/15/2007 0907
Date Prepared: 02/12/2007 0855

Analysis Batch: 400-43281
Prep Batch: 400-42998
Units: mg/L

Instrument ID: GC/FID
Lab File ID: 1301013.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
C19-C36 Aliphatics	0.050	U	0.050	0.050
C9-C18 Aliphatics	0.050		0.050	0.050

Surrogate	% Rec	Acceptance Limits
1-Chlorooctadecane	79	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-42998

Method: MA-EPH
Preparation: 3520C

LCS Lab Sample ID:	LCS 400-42998/14-AA	Analysis Batch: 400-43218	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1401014.D
Dilution:	1.0	Units: mg/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	02/14/2007 1603		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

LCSD Lab Sample ID:	LCSD 400-42998/15-AA	Analysis Batch: 400-43218	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1601016.D
Dilution:	1.0	Units: mg/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	02/14/2007 1613		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C11-C22 Aromatics	83	88	40 - 140	6	50		

Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits
2-Bromonaphthalene	26	X	23	X	40 - 140
2-Fluorobiphenyl	85		87		40 - 140
o-Terphenyl	73		75		40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-42998

Method: MA-EPH
Preparation: 3520C

LCS Lab Sample ID:	LCS 400-42998/14-AA	Analysis Batch: 400-43281	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1401014.D
Dilution:	1.0	Units: mg/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	02/15/2007 0912		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

LCSD Lab Sample ID:	LCSD 400-42998/15-AA	Analysis Batch: 400-43281	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1601016.D
Dilution:	1.0	Units: mg/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	02/15/2007 0922		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C19-C36 Aliphatics	92	79	40 - 140	16	50		
C9-C18 Aliphatics	75	60	40 - 140	23	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1-Chlorooctadecane	85	68	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-42998

Method: MA-EPH
Preparation: 3520C

MS Lab Sample ID:	680-24072-8	Analysis Batch: 400-43218	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1701017.D
Dilution:	1.0		Initial Weight/Volume: 1020 mL
Date Analyzed:	02/14/2007 1618		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

MSD Lab Sample ID:	680-24072-8	Analysis Batch: 400-43218	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1801018.D
Dilution:	1.0		Initial Weight/Volume: 1050 mL
Date Analyzed:	02/14/2007 1623		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual MSD Qual
C11-C22 Aromatics	82	93	40 - 140	8	50	

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
2-Bromonaphthalene	22	X	26	X	40 - 140
2-Fluorobiphenyl	87		89		40 - 140
o-Terphenyl	73		85		40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc.

Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-42998

Method: MA-EPH
Preparation: 3520C

MS Lab Sample ID:	680-24072-8	Analysis Batch: 400-43281	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1701017.D
Dilution:	1.0		Initial Weight/Volume: 1020 mL
Date Analyzed:	02/15/2007 0927		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

MSD Lab Sample ID:	680-24072-8	Analysis Batch: 400-43281	Instrument ID: GC/FID
Client Matrix:	Water	Prep Batch: 400-42998	Lab File ID: 1801018.D
Dilution:	1.0		Initial Weight/Volume: 1050 mL
Date Analyzed:	02/15/2007 0932		Final Weight/Volume: 2.0 mL
Date Prepared:	02/12/2007 0855		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C19-C36 Aliphatics	87	88	40 - 140	2	50		
C9-C18 Aliphatics	60	57	40 - 140	6	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1-Chlorooctadecane	78	77	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 400-43154

Method: MA-EPH
Preparation: 3541

Lab Sample ID: MB 400-43154/9-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/19/2007 1602
Date Prepared: 02/14/2007 0900

Analysis Batch: 400-43442
Prep Batch: 400-43154
Units: mg/Kg

Instrument ID: GC/FID
Lab File ID: 3301033.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
C19-C36 Aliphatics	1.6	U	1.6	1.6
C9-C18 Aliphatics	1.6	U	1.6	1.6

Surrogate	% Rec	Acceptance Limits
1-Chlorooctadecane	99	40 - 140

Method Blank - Batch: 400-43154

Method: MA-EPH
Preparation: 3541

Lab Sample ID: MB 400-43154/9-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/20/2007 1148
Date Prepared: 02/14/2007 0900

Analysis Batch: 400-43482
Prep Batch: 400-43154
Units: mg/Kg

Instrument ID: GC/FID
Lab File ID: 3301026.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 2.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
C11-C22 Aromatics	1.6	U	1.6	1.6

Surrogate	% Rec	Acceptance Limits
2-Bromonaphthalene	75	40 - 140
2-Fluorobiphenyl	82	40 - 140
o-Terphenyl	82	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-43154

Method: MA-EPH
Preparation: 3541

LCS Lab Sample ID:	LCS 400-43154/7-AA	Analysis Batch: 400-43442	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-43154	Lab File ID: 3401034.D
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 30.00 g
Date Analyzed:	02/19/2007 1607		Final Weight/Volume: 2.0 mL
Date Prepared:	02/14/2007 0900		Injection Volume:

LCSD Lab Sample ID:	LCSD 400-43154/8-AA	Analysis Batch: 400-43442	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-43154	Lab File ID: 3501035.D
Dilution:	1.0	Units: mg/Kg	Initial Weight/Volume: 30.00 g
Date Analyzed:	02/19/2007 1612		Final Weight/Volume: 2.0 mL
Date Prepared:	02/14/2007 0900		Injection Volume:

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C19-C36 Aliphatics	138	128	40 - 140	7	50		
C9-C18 Aliphatics	92	94	40 - 140	2	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1-Chlorooctadecane	97	95	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 400-43154

Method: MA-EPH
Preparation: 3541

LCS Lab Sample ID:	LCS 400-43154/7-AA	Analysis Batch:	400-43482	Instrument ID:	GC/FID
Client Matrix:	Solid	Prep Batch:	400-43154	Lab File ID:	3401027.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	02/20/2007 1153			Final Weight/Volume:	2.0 mL
Date Prepared:	02/14/2007 0900			Injection Volume:	

LCSD Lab Sample ID:	LCSD 400-43154/8-AA	Analysis Batch:	400-43482	Instrument ID:	GC/FID
Client Matrix:	Solid	Prep Batch:	400-43154	Lab File ID:	3501028.D
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	02/20/2007 1158			Final Weight/Volume:	2.0 mL
Date Prepared:	02/14/2007 0900			Injection Volume:	

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C11-C22 Aromatics	78	81	40 - 140	3	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Bromonaphthalene	107	102	40 - 140
2-Fluorobiphenyl	85	79	40 - 140
o-Terphenyl	78	77	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-43154

Method: MA-EPH
Preparation: 3541

MS Lab Sample ID:	680-24072-22	Analysis Batch: 400-43442	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-43154	Lab File ID: 3601036.D
Dilution:	1.0		Initial Weight/Volume: 30.33 g
Date Analyzed:	02/19/2007 1617		Final Weight/Volume: 2.0 mL
Date Prepared:	02/14/2007 0900		Injection Volume:

MSD Lab Sample ID:	680-24072-22	Analysis Batch: 400-43442	Instrument ID: GC/FID
Client Matrix:	Solid	Prep Batch: 400-43154	Lab File ID: 3801038.D
Dilution:	1.0		Initial Weight/Volume: 30.32 g
Date Analyzed:	02/19/2007 1627		Final Weight/Volume: 2.0 mL
Date Prepared:	02/14/2007 0900		Injection Volume:

Analyte	% Rec. MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C19-C36 Aliphatics							
C9-C18 Aliphatics							

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1-Chlorooctadecane	66	76	40 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Michael Baker Jr., Inc. Job Number: 680-24072-1

Method Blank - Batch: 400-43287

Method: 9071B
Preparation: 9071B

Lab Sample ID: MB 400-43287/16-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/16/2007 1330
Date Prepared: 02/16/2007 0931

Analysis Batch: 400-43327
Prep Batch: 400-43287
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.00 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
HEM (Oil & Grease)	80	U	40	80

Lab Control Spike - Batch: 400-43287

Method: 9071B
Preparation: 9071B

Lab Sample ID: LCS 400-43287/15-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/16/2007 1330
Date Prepared: 02/16/2007 0931

Analysis Batch: 400-43327
Prep Batch: 400-43287
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.00 g
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
HEM (Oil & Grease)	4000	3760	94	82 - 109	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-43287

Method: 9071B
Preparation: 9071B

MS Lab Sample ID: 680-24072-22
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/16/2007 1330
Date Prepared: 02/16/2007 0931

Analysis Batch: 400-43327
Prep Batch: 400-43287

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.04 g
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 680-24072-22
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 02/16/2007 1330
Date Prepared: 02/16/2007 0931

Analysis Batch: 400-43327
Prep Batch: 400-43287

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.37 g
Final Weight/Volume: 10 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
HEM (Oil & Grease)	95	112	19 - 165	12	59		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 86213

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

○ **STL Savannah**
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
New River Air Station	108826	NC
STL (LAB) PROJECT MANAGER: Kathy Smith	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Joe Burawa	CLIENT PHONE	CLIENT FAX
CLIENT NAME: Baker	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE ____ OF ____

STANDARD REPORT DELIVERY ○
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE 07	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOCs	PAHs	MADEP EPH	MADEP VPH	REMARKS
		PRESERVATIVE						HCl	—	HCl	HCl	
		NUMBER OF CONTAINERS SUBMITTED										
2/6	1020	FB01		X				3	2	2	2	
2/6	1100	EQ01		X				3	2	2	2	
2/7	0730	EQ02		X				3	2	2	2	
	0820	MW-15		X				3	2	2	2	
	0840	MW-15D		X				3	2	2	2	
	0940	MW-10		X				3	2	2	2	
	1020	MW-09		X				3	2	2	2	
	1125	MW-16		X				6	4	4	4	+ MS/MSD
	1310	MW-11		X				3	1	1	2	Low Well Volume
	1340	MW-04		X				3	2	2	2	
	1510	MW-03		X				3	2	2	2	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	2/7/07	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	020807	0948	YES ○ NO ○		680-24072	

STL8240-680 (12/02)

Serial Number 86214

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

○ STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
New River Air Station	108826	NC
STL (LAB) PROJECT MANAGER: Kathy Smith	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Joe Burawa	CLIENT PHONE	CLIENT FAX
CLIENT NAME: Baker	CLIENT E-MAIL	
CLIENT ADDRESS		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE ____ OF ____

STANDARD REPORT DELIVERY ○
DATE DUE ____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE ____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE 07'	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: Oil + Grease	MADEP EPH	MADEP VPH	PAHs	VOCs	NUMBER OF CONTAINERS SUBMITTED	REMARKS
								1	1	Methanol	1	Methanol Sodium		
2/5	1300	ROST-30			X			1	1	1	1	3		
2/5	1315	ROST-30D			X			1	1	1	1	3		
2/6	1230	ROST-15			X			1	1	1	1	3		
	1245	ROST-1			X			1	1	1	1	3		
	1300	ROST-10			X			1	1	1	1	3		
	1320	ROST-5			X			1	1	1	1	3		
	1415	ROST-18			X			1	1	1	1	3		
	1430	ROST-21			X			1	1	1	1	3		
	1445	ROST-40			X			1	1	1	1	3		
	1500	ROST-28			X			1	1	1	1	3		
	1530	ROST-35			X			3	3	3	3	9		+ MS/MSD

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Dan M. Dyk	2/7/07	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	020807	0948	YES ○ NO ○		680-24072	

STL8240-680 (12/02)

Page 154 of 154