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T E C H N I C A L M E M O R A N D U M

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cc: Ed Jones – Washington State Department of Ecology
Don Verfurth – Gordon and Rees

Email with link to electronic copy on project website:
Janet Knox, Pacific Groundwater Group
Doug Hillman, Aspect Consulting
Bill Carroll, Arrow Environmental
Bill Beck, Philip Services Corporation

FROM: Daniel Caputo, Project Chemist
Peter Jewett, Principal, L.G., L.E.G.

DATE: February 3, 2009

RE: **DRAFT TIER 1 RECONNAISSANCE SAMPLING RESULTS**
CAPITAL INDUSTRIES
5801 THIRD AVENUE SOUTH, SEATTLE, WASHINGTON
FARALLON PN: 457-004

This Technical Memorandum has been prepared on behalf of Capital Industries, Inc. (Capital) to present the results of the Tier 1 Reconnaissance Groundwater and Soil Sampling (Tier 1 Sampling) conducted at the Capital Area of Investigation, defined as the area south of South Mead Street, north of South Front Street, east of 1st Avenue South, and west of 4th Avenue South,

and the property north of Mead Street and west of 4th Avenue South in Seattle, Washington (Figure 1). Tier 1 Sampling was conducted as part of the Remedial Investigation (RI) in accordance with *Remedial Investigation Work Plan, Capital Industries, Inc.* prepared by Farallon Consulting, L.L.C. (Farallon) dated September 16, 2008 (RI Work Plan) and Agreed Order No. DE 5348.

The purpose of the RI is to collect sufficient information to enable development and evaluation of technically feasible cleanup alternatives for concentrations of chlorinated solvents detected in soil and groundwater. The results of the Tier 1 sampling have not fully delineated the nature and extent of chlorinated solvents in groundwater down-gradient of the Capital Property. Therefore, Tier 2 Reconnaissance Groundwater Sampling (Tier 2 Sampling) is recommended. This Technical Memorandum has been prepared to provide the results of the Tier 1 Sampling and the locations for Tier 2 Sampling.

SITE DESCRIPTION AND BACKGROUND

A brief description of the Site history and background is provided below. A more detailed discussion of the Site background and the references used are provided in the following documents:

- *Data Summary Report, West of 4th Groundwater Investigation Area, Seattle, Washington* (Data Summary Report) dated January 22, 2008, prepared by Farallon, Aspect Consulting, Arrow Environmental, and Pacific Groundwater Group (Farallon et al.);
- *Remedial Investigation Work Plan, Capital Industries, Inc., 5801 Third Avenue South, Seattle, Washington* dated September 16, 2008, prepared by Farallon; and
- *Revised Technical Memorandum No. 1, Modeling, Cleanup Levels, Constituents of Concern, Remediation Levels, Conditional Points of Compliance, and Corrective Action Schedule, Seattle, WA* dated June 2006, prepared by Philip Services Corporation (PSC).

The Capital Area of Investigation is located within the area defined in the Data Summary Report as the West of 4th Groundwater Investigation Area (Farallon et al. 2008). There are currently

four known sources of constituents of potential concern (COPCs), as defined in the RI Work Plan, to soil and groundwater located within the West of 4th Groundwater Investigation Area: the Capital Property, the PSC facility, the Art Brass Plating (ABP) facility, and the Blaser Die Casting (BDC) facility (Figure 2). The historical and background data for the Capital Property, PSC facility, ABP facility, and BDC facility are summarized in the Data Summary Report (Farallon et al. 2008) and the RI Work Plan (Farallon 2008).

Screening levels have been established for the region by PSC (2006) that define the concentrations of COPCs in soil and groundwater that represent a risk to human health and the environment that are applicable to the Capital Area of Investigation (Farallon 2008). Some of the screening levels established by PSC (2006) have recently been modified based on surface water protection for consumption of contaminated fish (Farallon 2008). Screening levels have been established for COPCs in groundwater for three water-bearing zones: the Water Table Zone, defined as the water-bearing zone from first-encountered groundwater to approximately 20 feet below ground surface (bgs); the Shallow Zone, defined as the water-bearing zone from 20 to 40 feet bgs; and the Intermediate Zone, defined as the water-bearing zone from 40 to 70 feet bgs (Farallon 2008). Screening levels for COPCs in groundwater are presented in Tables 1 through 3 of the RI Work Plan, and screening levels for COPCs in soil are presented in Table 4 of the RI Work Plan (Farallon 2008).

INVESTIGATION OBJECTIVES

The objectives of the Tier 1 Sampling include:

- Evaluating the lateral and vertical extent of concentrations of halogenated volatile organic compounds (HVOCs) above screening levels in groundwater in the Water Table Zone, Shallow Zone, and Intermediate Zone down-gradient of Capital Plant 2 and Plant 4;
- Establishing the lateral and vertical nature and extent of concentrations of HVOCs above screening levels in groundwater migrating to the Capital Property from up-gradient sources;

- Evaluating the lateral and vertical extent of HVOCs in soil proximate to Plant 4; and
- Providing sufficient data to select locations and depths for Tier 2 Sampling.

This Technical Memorandum presents a summary of historical research and regulatory database review for facilities located within or adjacent to the Capital Area of Investigation; Tier 1 Sampling field activities; Tier 1 soil and reconnaissance groundwater sample analytical results; and a preliminary evaluation of the lateral and vertical extent of concentrations of HVOCs in soil and groundwater that exceed the screening levels. Information collected from the review of the historical research and regulatory database review was considered when selecting locations for Tier 1 Sampling and preliminary locations for Tier 2 Sampling to investigate properties that may have released HVOCs to the subsurface.

The analytical results of the reconnaissance groundwater samples collected from the Tier 1 Sampling locations have been used to identify data gaps in the nature and extent of HVOCs in groundwater and to select Tier 2 Sampling locations and sampling methods. The objective of Tier 2 Sampling is to characterize the data gaps in the determination of the nature and extent of HVOCs in groundwater that were not fully defined by the results of Tier 1 Sampling. The analytical results of reconnaissance groundwater samples collected from the Tier 1 and Tier 2 sampling will provide sufficient data to select locations and depths for monitoring wells.

HISTORICAL RESEARCH AND REGULATORY DATABASE REVIEW

Farallon reviewed the following sources to obtain historical information regarding the uses of facilities located within and/or adjacent to the Capital Area of Investigation.

- Aerial photographs of the Seattle, Washington area dated 1956, 1965, 1977, 1985, 1990, and 2006 obtained from EDR (report available upon request) (EDR 2008a);
- USGS Topographic Maps of Seattle South, Washington dated 1949, 1968, 1973, and 1983, obtained from EDR (2008b);
- Polk City Directories of Seattle, Washington dated 1920, 1925, 1930, 1935, 1940, 1944, 1951, 1955, 1960, 1966, 1969, 1970, 1971, 1975, 1977, 1980, 1981, 1985, 1986, 1990, 1991, 1996, and 2005, obtained from EDR (2008c); and

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- Sanborn Fire Insurance maps of Seattle, Washington dated 1949 and 1969 (EDR 2008d).

HISTORICAL RESEARCH SUMMARY

The properties located within the Capital Area of Investigation south of and adjacent to the Capital Property consisted of the southern portion of the Duwamish Basin Federal Housing Project dating back to at least the 1940s and were developed with several dwellings, a community building, paint shop, and public school (EDR 2008c and 2008d). By the 1950s, the housing project had been demolished and the properties were redeveloped with commercial buildings that were occupied by Sears Roebuck Co., Edison Technical School, a wire products manufacturer, and a motor freight station. By the 1960s, the properties were fully developed with several commercial buildings that have been occupied by offices, retail gas stations, auto repair facilities, manufacturing facilities, warehouses, and motor freight stations (EDR 2008c and 2008d).

The properties located adjacent to and north of the Capital Area of Investigation were developed with several residential dwellings dating back to at least the 1940s. The properties were redeveloped with commercial buildings in the 1950s and 1960s. The properties have been historically occupied by a die casting facility, auto repair facilities, dry cleaners, and furniture spa *[sic]*.

The properties located west and southwest of the Capital Area of Investigation were developed with several commercial and warehouse buildings, followed by the Duwamish Waterway, dating back to at least the 1920s and 1930s, including a soap manufacturer, fertilizer manufacturer, and auto repair facilities. Since the 1940s, the properties have been occupied by construction companies, building material manufacturers, auto repair facilities, retail gas stations, and container and equipment storage yards.

The properties located east and southeast of the Capital Area of Investigation were developed with several commercial and warehouse buildings dating back to at least the 1920s. The properties have been occupied by equipment storage yards, brass plating facility, auto repair facilities, and dry cleaners.

REGULATORY DATABASE REVIEW

Farallon retained EDR (2008) to provide federal and state environmental regulatory agency database listings for review. The purpose of the review was to identify reported environmental issues related to the historic and current uses of facilities located within and adjacent to the Capital Area of Investigation.

Facilities Adjacent to the Capital Property

The following properties located adjacent to the Capital Property were identified on regulatory databases. The location of each of these facilities is shown on Figure 3.

- **Olympic Medical Building, 5900 1st Avenue South, south-adjacent property**

Olympic Medical Building was identified on the Manifest, Resource Conservation and Recovery Act (RCRA) – Conditionally Exempt Small Quantity Generator (CESQG) databases. This facility received violations in April 1992 for reporting and record-keeping requirements related to the storage and handling of hazardous materials (EDR 2008). The facility achieved compliance in June 1992. This facility does not currently store or handle hazardous materials; therefore, it is conditionally exempt from reporting requirements.

- **Mobile Crane Company, 5917 4th Avenue South and 5900 2nd Avenue South, south-adjacent property**

Mobile Crane Company was identified on the Underground Storage Tank (UST), Confirmed and Contaminated Sites List (CSCSL), No Further Action (NFA), Voluntary Cleanup Program (VCP), Manifest, Independent Cleanup Report (ICR), and RCRA-CESQG databases. Several USTs were removed from the facility between 1999 and 2001 (EDR 2008). Soil and groundwater were reported to be impacted by petroleum products. The facility entered the VCP and, after an independent cleanup, the Washington State Department of Ecology (Ecology) issued an NFA for the facility in May 2002.

- **AM International, 5901 4th Avenue South, south-adjacent property**

AM International was identified on the RCRA-Nongenerator (NonGen) database. No violations have been reported at this facility (EDR 2008).

- **Pacific Marine Testing Company and South End Carburetor and Electric, 5807 4th Avenue South, east-adjacent properties**

Pacific Marine Testing Company was identified on the RCRA-NonGen database. No violations have been reported at this facility (EDR 2008).

South End Carburetor and Electric was identified on the Historical Auto Stations database. This auto repair facility operated in 1955 (EDR 2008).

- **Art Brass Plating, 5815 4th Avenue South, east-adjacent property**

Art Brass Plating was identified on the RCRA-NonGen database. No violations have been reported at this facility (EDR 2008).

- **Blaser Die Casting, 5700 3rd Avenue South, north-adjacent property**

Blaser Die Casting Co. (Blaser) was identified on the State Superfund Sites (SHWS) database. Blaser is a known source of chlorinated solvents to soil and groundwater (Farallon et al., 2008). Blaser is currently conducting an RI under an Enforcement Order with Ecology.

Facilities Within the Capital Area of Investigation

Farallon identified regulated facilities located within the Capital Area of Investigation (Figure 3).

- **Buckwith Kuffle, Inc., 5930 1st Avenue South, less than 0.125 mile south of the Capital Property**

Buckwith Kuffle Inc. was identified on the UST and RCRA-NonGen databases. Two USTs were removed from the facility in 1996 (EDR 2008). The contents of the tanks are unknown; however, there were no reported releases to soil and/or groundwater. No violations have been reported at this facility.

- **Aleutians Constructors, 5939 4th Avenue South, less than 0.125 mile southeast of the Capital Property**

Aleutians Constructors was identified on the RCRA-NonGen database. No violations have been reported at this facility (EDR 2008).

- **Union Oil Service, 5960 1st Avenue South, south of the Capital Property, exact location unknown**

Union Oil Service was identified on the Historical Auto Stations database. This retail gasoline station operated in 1960; the exact location of this facility is currently unknown (EDR 2008).

Facilities Adjacent to the Capital Area of Investigation

- **Ott Real Estate Property, 5903 1st Avenue South, west of the Capital Area of Investigation**

Ott Real Estate Property was identified on the CSCSL NFA database. The facility received an NFA after an Independent Remedial Action in May 1996 (EDR 2008). The details of the NFA and the former release at the property were not provided by EDR (2008).

- **Harris Bros. and Air Tec Co Parcel C, 5701 1st Avenue South, northwest of the Capital Area of Investigation**

Harris Bros was identified on the Historical Auto Stations database. A retail gasoline service station operated on this property in 1930 and 1940 (EDR 2008).

Air Tec Co Parcel C was identified on the UST, SHWS, LUST, and ICR databases. Several USTs were removed from the property in the mid-1990s. Soil and groundwater were confirmed to be impacted by petroleum products (EDR 2008). Cleanup of the property has started; however, the current status is unknown.

- **Sahlberg Equipment and St Vincent De Paul, 5950 4th Avenue South, southeast of the Capital Area of Investigation**

Sahlberg Equipment was identified on the SHWS, ICR, and RCRA-CESQG databases. Surface water at this facility is suspected to be impacted by petroleum products and halogenated compounds. Soil and groundwater are confirmed to be impacted by petroleum products and halogenated compounds (EDR 2008). As of 2007, this facility is awaiting a site hazard assessment. No further information was provided by EDR (2008).

St Vincent De Paul was identified on the Solid Waste Facility/Landfill (SWF/LF) database. This facility is an active materials recycling facility (EDR 2008).

- **Glacier Northwest, 5975 East Marginal Way South, southwest of the Capital Area of Investigation**

Glacier Northwest was identified on the Leaking Underground Storage Tank (LUST), UST, NPDES, and RCRA-NonGen databases. Two USTs were removed from the facility in 1996 and 1997 and two USTs are currently operational at the facility (EDR 2008); however, the contents of the USTS are unknown. A release of an unknown substance to soil and surface water was reported in 1989. As of 1995, cleanup of the release was started; however, the current status of the release was not reported by EDR (2008). No further information was made available.

- **Continental Industries, 222 Orcas Street, north of the Capital Area of Investigation**

Continental Industries was identified on the RCRA-NonGen databases. No violations have been reported at this facility (EDR 2008).

- **Dons Radiator, 5626 1st Avenue South, north of the Capital Area of Investigation**

Dons Radiator was identified on the RCRA-NonGen database. This facility received a notice of violation in August 1998 for general generator requirements (EDR 2008). The facility achieved compliance for these violations in September 1998.

- **Big Johns Truck Repair Inc, 5622 1st Avenue South, north of the Capital Area of Investigation**

Big Johns Truck Repair Inc was identified on the RCRA-NonGen database. No violations have been report at this facility (EDR 2008).

Historical Facilities

EDR (2008) identified several historical dry cleaners and historical auto stations, which include former retail gasoline stations and/or auto repair facilities, located less than 0.125 mile north to northeast of the Capital Area of Investigation.

Results

The results of the database research identified a number of properties within or adjacent to the Capital Area of Investigation that were occupied by facilities that used chlorinated solvents. The database research indentified past or current operations, including dry cleaners, metal plating, auto repair, and RCRA generators that could be sources of chlorinated solvents to soil and/or groundwater within the Capital Area of Investigation.

Known sources of chlorinated solvents identified in the database research include: the Sahlberg Equipment facility, located adjacent to the southeast boundary of the Capital Area of Investigation; and Blaser Die Casting, located north and up-gradient of the Capital Property (Figure 3). Facilities identified from past or current operations as suspected sources of chlorinated solvents located within the Capital Area of Investigation include: Olympic Medical, Art Brass Plating, Buckwith Kuffle Inc, and Union Service Station (Figure 3). Facilities identified from past or current operations as suspected sources of chlorinated solvents located adjacent to the Capital Area of Investigation include: Southend Carburetor and Electric, Ott Real Estate Property, Harris Brothers, Dons Radiator, and Big Johns Truck Repair (Figure 3). Additional research is warranted to evaluate these facilities more fully as potential sources of chlorinated solvents to soil and/or groundwater.

SUMMARY OF TIER 1 SAMPLING FIELD ACTIVITIES

This section presents a summary of the Tier 1 Sampling field activities, including collection of reconnaissance groundwater samples, soil samples at Plant 4, and soil samples for total organic carbon (TOC) analysis. The field activities were conducted in accordance with the scope of work in the RI Work Plan. Additional details pertaining to the sampling means and methods are referenced in the RI Work Plan.

RECONNAISSANCE GROUNDWATER SAMPLING

Borings B6 through B12 were located down-gradient of Capital Plant 2 and borings B13 through B18 were located up-, cross-, and down-gradient of Capital Plant 4 (Figure 3). Drilling was conducted between November 10 and December 16, 2008 by Cascade Drilling, Inc. (Cascade) of Woodinville, Washington using direct-push drilling methods. Soil samples were collected continuously from the ground surface to the final depth of each boring and described in accordance with the Unified Soil Classification System (USCS) to identify the subsurface stratigraphy (Attachment A). Borings were completed to depths ranging from 68 to 70 feet bgs, with the exception of boring B18, which was completed at 12 feet bgs.

Reconnaissance groundwater samples were collected from the first-encountered groundwater to the final depth of each boring at 4-foot intervals in all of the borings, except B18 where only one reconnaissance sample was collected between 8 and 12 feet bgs. Reconnaissance groundwater samples were submitted to OnSite Environmental, Inc. of Redmond, Washington (OnSite) for analysis of HVOCs by Environmental Protection Agency (EPA) Method 8260B.

Soil samples were collected from borings B14, B15, and B18 at depths of 2, 5, and 7 feet bgs and submitted to OnSite for analysis of HVOCs by EPA Method 5035/8260B.

SOIL SAMPLING FOR TOC

Soil samples were collected from borings B6, B9, B13, and B17 between 15 and 15.5 feet bgs, 30 and 30.5 feet bgs, and 60 and 60.5 feet bgs at each location for laboratory analysis of TOC. Soil samples collected for TOC were submitted to OnSite for analysis by EPA Method 415.1.

TIER 1 SAMPLING RESULTS

The analytical results of the reconnaissance groundwater and soil samples collected during the Tier 1 Sampling are summarized in the following sections. The laboratory analytical results for soil samples are summarized in Table 1; the analytical results of reconnaissance groundwater samples analyzed for HVOCs are summarized in Table 2; and the TOC analytical results are summarized in Table 2. Figures 4 through 10 provide Farallon's interpretation of the isoconcentration lines for concentrations of trichloroethene (TCE) and vinyl chloride in each of the water-bearing zones. Boring logs are included in Attachment A. Laboratory analytical reports are provided in Attachment B, included in electronic format on a compact disc.

SOIL

The soil encountered in borings completed within the Capital Area of Investigation consists of poorly graded sand with lesser amounts of silty sand and silt. The upper 10 feet across the majority of the area consists of silt and sand with minor amounts of poorly-graded gravel. Poorly graded, fine black sand was encountered in all borings from approximately 10 feet bgs to the total depth explored of 70 feet bgs. Thin, discontinuous layers of silt and sandy silt ranging from approximately 0.3 to 3 feet in thickness were encountered at varied depths within the sand and were observed to increase in thickness and frequency between depths of approximately 25 and 45 feet bgs. Increasing amounts of silt were noted in the sand at depths greater than 45 feet bgs, with frequent observations of silty sand and sandy silt.

Organic material consisting of woody debris was observed in soil samples collected from borings B8, B9, and B14 at depths ranging from 4 to 40 feet bgs. There were no observations of odors or sheen in the soil samples collected from any of the borings, with the exception of boring B17. A slight "sweet" odor was noted in soil collected from boring B17 at depths of 24 feet to 57 feet bgs within the saturated water-bearing zone of the Intermediate Zone. Concentrations of volatile organic vapors measured in the field were elevated in soil samples collected from boring B17 at depths of 7.5 feet to 57 feet bgs. Elevated volatile organic vapors were not measured in the field in soil samples collected from any other borings completed during Tier 1 Sampling.

The laboratory analytical results of soil samples collected during the Tier 1 Sampling detected concentrations of HVOCs above the applicable screening levels at borings B14, B15, and B18 (Figure 3; Table 1). Concentrations of tetrachloroethene (PCE) were detected above the screening level ranging from 0.0039 to 0.091 milligrams per kilogram (mg/kg) in soil samples collected at depths ranging from 2 to 7 feet bgs at borings B14, B15, and B18 (Figure 3; Table 1). Concentrations of TCE were detected above the screening level ranging from 0.0035 to 0.024 mg/kg in soil samples collected at depths ranging from 2 to 7 feet bgs at borings B14 and B18 (Figure 3; Table 1). Concentrations of 1,1-dichloroethene (1,1-DCE); cis-1,2-dichloroethene (cis-1,2-DCE); trans-1,2-dichloroethene (trans-1,2-DCE); and vinyl chloride were not detected above the applicable screening levels in any of the soil samples analyzed.

Soil samples were collected for TOC analysis within the Water Table, Shallow, and Intermediate Zones at boring locations B6, B9, B13, and B17. Laboratory analytical results detected concentrations of TOC ranging from 80 to 1,220 mg/kg in the Water Table Zone, 380 to 2,100 mg/kg in the Shallow Zone, and 680 to 5,120 mg/kg in the Intermediate Zone (Table 2).

RECONNAISSANCE GROUNDWATER

Groundwater was first encountered in the borings during drilling at depths ranging from 6 to 11 feet bgs and was observed to extend throughout the boring to the total depth explored of 70 feet bgs. The analytical results of the reconnaissance groundwater samples are summarized in Table 3. Boring logs are included in Attachment A.

South and Down-Gradient of Capital Plant 2

The laboratory analytical results of reconnaissance groundwater samples collected from borings located south and down-gradient of Capital Plant 2 are summarized in Table 3 and discussed below:

- Concentrations of PCE, 1,1-DCE, and trans-1,2-DCE were not detected in reconnaissance groundwater samples collected from the Water Table, Shallow, or Intermediate Zones (Table 3);

- Concentrations of TCE were detected above the screening level in reconnaissance groundwater samples collected from the Water Table Zone (Figure 4), Shallow Zone (Figure 5), and Intermediate Zone (Figure 6) (Table 3);
- Concentrations of cis-1,2-DCE were detected above the screening level in reconnaissance groundwater samples collected from the Water Table and Shallow Zones (Table 3); and
- Concentrations of vinyl chloride were detected above the screening level in the Water Table Zone (Figure 7), Shallow Zone (Figure 8), and Intermediate Zone (Figure 9) (Table 3).

South and Down-Gradient of Capital Plant 4

The laboratory analytical results of reconnaissance groundwater samples collected from borings located up- and down-gradient of Capital Plant 4 are summarized in Table 3 and discussed below:

- Concentrations of 1,1-DCE, cis-1,2-DCE, and trans-1,2-DCE were not detected above screening levels in reconnaissance groundwater samples collected from the Water Table, Shallow, Intermediate Zones up- or down-gradient of Plant 4 (Table 3);
- Concentrations of PCE were detected above the screening level in reconnaissance groundwater samples collected from the Water Table Zone down-gradient of Plant 4 (Figure 10; Table 3);
- Concentrations of TCE were detected above the screening levels in reconnaissance groundwater samples collected from the Water Table Zone (Figure 4) and Shallow Zone (Figure 5) down-gradient of Plant 4 (Table 3); and
- Concentrations of vinyl chloride were detected above the screening level in reconnaissance groundwater samples collected from the Water Table Zone (Figure 7), Shallow Zone (Figure 8), and Intermediate Zone (Figure 9) up- and down-gradient of Plant 4 (Table 3).

CONCLUSIONS

The Capital Area of Investigation is underlain by poorly graded sand with lesser amounts of silty sand and silt. Groundwater was first encountered during Tier 1 Sampling at depths of 6 to 11 feet bgs and extended to the total depth of the borings at 70 feet bgs. The variations in subsurface lithology do not appear to impede the continuity of groundwater vertically.

Farallon has identified the following data gaps in the evaluation of the nature and extent of concentrations of HVOCs in groundwater within the Capital Area of Investigation from the analytical results of reconnaissance groundwater samples collected during the Tier 1 Sampling:

- The down-gradient nature and extent of concentrations of TCE and the associated degradation products above the screening levels in the Water Table, Shallow, and Intermediate Zones south-southwest and down-gradient of the Plant 2 has not been defined;
- The down-gradient nature and extent of concentrations of TCE and PCE and the associated degradation products above the screening levels in the Water Table, Shallow, and Intermediate Zones southwest and down-gradient of Plant 4 has not been defined;
- Concentrations of vinyl chloride above the screening levels in the Water Table, Shallow, and Intermediate Zones are migrating onto the Capital Property from known or suspected sources located up-gradient and northeast of the Capital Property;
- The nature and extent of vinyl chloride from up-gradient sources has not been defined in the Water Table, Shallow, and Intermediate Zones;
- The nature and extent of PCE and TCE in soil have not been delineated south of Capital Plant 4; and
- The potential for contribution of chlorinated solvents to soil and/or groundwater from other sources within or adjacent to the Capital Area of Investigation has not been fully characterized.

Based on the results of the Tier 1 Sampling, Farallon proposes that Tier 2 Sampling be conducted as defined in the RI Work Plan. The scope of work and proposed sampling locations will be consistent with the RI Work Plan and as defined below.

TIER 2 SAMPLING SCOPE OF WORK

Tier 2 Sampling will be conducted to collect sufficient information on the nature and the lateral and vertical extent of HVOCs in groundwater to select locations and depths for monitoring wells. The proposed locations for Tier 2 Sampling are presented on Figure 11. Proposed Tier 2 Sampling locations have been modified from the locations proposed in the RI Work Plan to better define the lateral and vertical nature and extent of HVOCs down-gradient of the Capital Property. The methods for collecting soil and reconnaissance groundwater samples during Tier 2 Sampling are presented below.

SOIL SAMPLING

Soil samples will be collected at depths of 2, 5, and 7 feet bgs from proposed borings B25 and B26 for HVOC analysis (Figure 11). Soil samples will be collected from borings in accordance with soil sampling protocols presented in the RI Work Plan and the Reconnaissance SAP (Farallon 2008).

RECONNAISSANCE GROUNDWATER SAMPLING

Reconnaissance groundwater samples will be collected from temporary well points installed in Tier 2 Sampling borings B19 through B24. Approximately seven reconnaissance groundwater samples will be collected from each boring within four intervals to a maximum depth of 68 feet bgs. The initial reconnaissance groundwater sample at each boring is estimated to be collected from within the Water Table Zone at 10 to 14 feet bgs and 16 to 20 feet bgs; from within the Shallow Zone at 24 to 28 feet bgs and 34 to 38 feet bgs; and from within the Intermediate Zone at 44 to 48 feet bgs, 54 to 58 feet bgs, and 64 to 68 feet bgs. The actual depth of the reconnaissance groundwater samples will depend on the subsurface stratigraphy at each boring and the depth of first-encountered groundwater. Reconnaissance samples will be collected and

submitted for laboratory analysis of HVOCs in accordance with sampling protocols in the RI Work Plan and Reconnaissance SAP (Farallon 2008).

ADDITIONAL RESEARCH

The historical research identified a number of facilities located within and adjacent to the Capital Area of Investigation that are potential sources of chlorinated solvents to soil and/or groundwater. Additional research, including detailed evaluation of aerial photographs, research in available archives, and review of Ecology and/or EPA files, will be conducted to determine current or past operations at facilities that may have used chlorinated solvents. The results of the additional research will be used to revise or augment the Tier 2 field program or monitoring well installations as appropriate.

FUTURE WORK

Farallon will schedule the field sampling program for the Tier 2 Sampling after discussions with Ecology. The results of the Tier 2 Sampling will be provided in the First Phase RI Field Investigation Results Report that will identify the proposed monitoring well locations.

Attachments: Figure 1, *Capital Area of Investigation Location Map*
Figure 2, *Regional Plan Map and Capital Area of Investigation*
Figure 3, *Boring and Well Locations*
Figure 4, *TCE Concentrations – Water Table Zone*
Figure 5, *TCE Concentrations – Shallow Zone*
Figure 6, *TCE Concentrations – Intermediate Zone*
Figure 7, *Vinyl Chloride Concentrations – Water Table Zone*
Figure 8, *Vinyl Chloride Concentrations – Shallow Zone*
Figure 9, *Vinyl Chloride Concentrations – Intermediate Zone*
Figure 10, *PCE Concentrations – Water Table Zone*
Figure 11, *Proposed Tier 2 Reconnaissance Sampling Locations*
Table 1, *Summary of Soil Analytical Results*

Table 2, *Summary of Total Organic Carbon Analysis Results in Soil*

Table 3, *Summary of Reconnaissance Groundwater Results*

Attachment A, Boring Logs

Attachment B, Laboratory Analytical Reports (electronic format on compact disc)

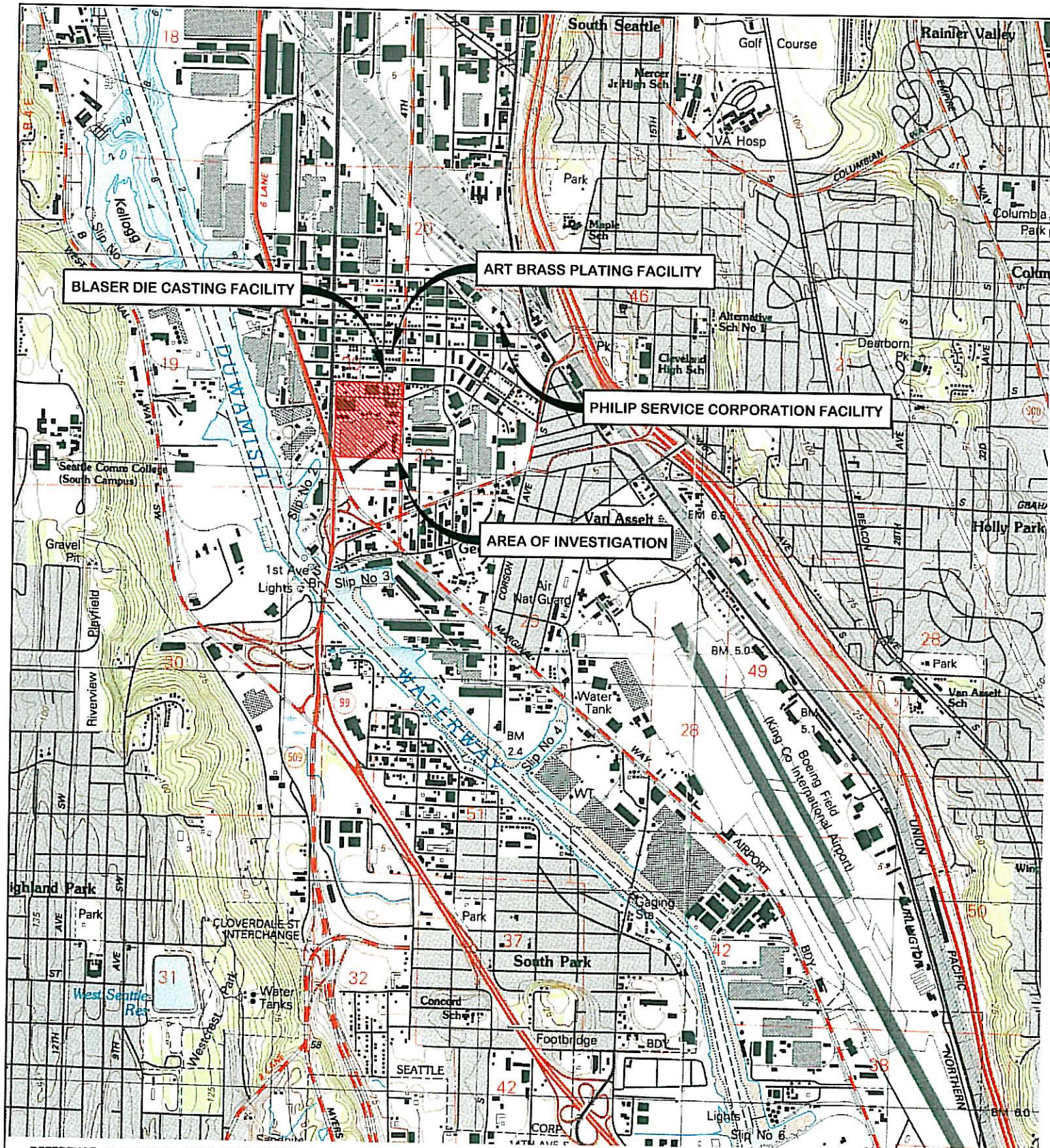
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FIGURES

DRAFT TIER 1 RECONNAISSANCE SAMPLING RESULTS

Capital Industries
Seattle, Washington

Farallon PN: 457-004



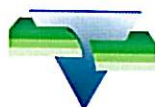
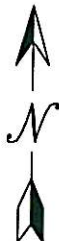
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APPROXIMATE SCALE IN METERS



WASHINGTON



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FIGURE 1

CAPITAL AREA OF INVESTIGATION
LOCATION MAP
TIER 1 RECONNAISSANCE SAMPLING
CAPITAL INDUSTRIES, INC.
SEATTLE, WASHINGTON

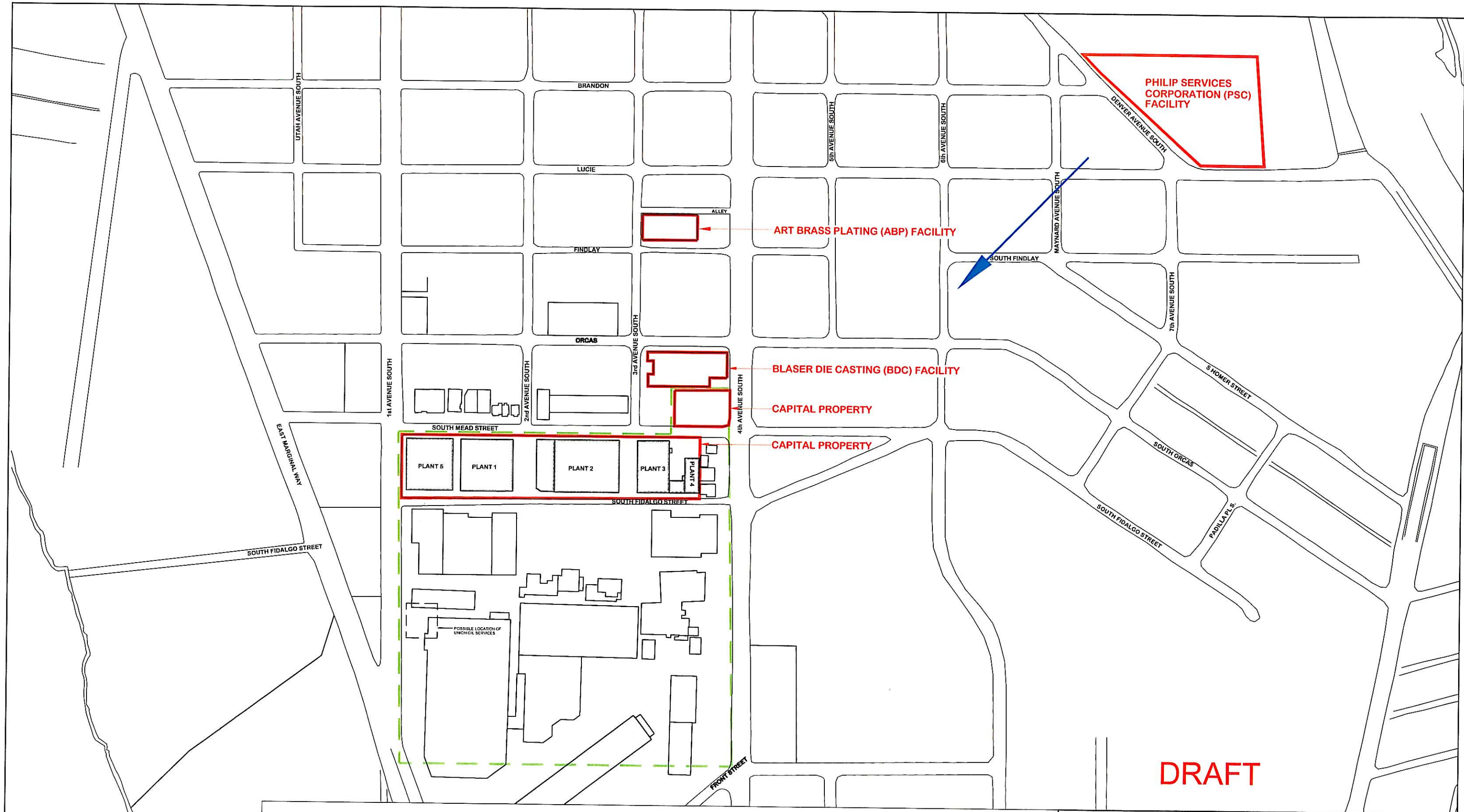
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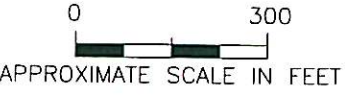
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LEGEND

 REGIONAL GROUNDWATER FLOW DIRECTION
 CAPITOL AREA OF INVESTIGATION

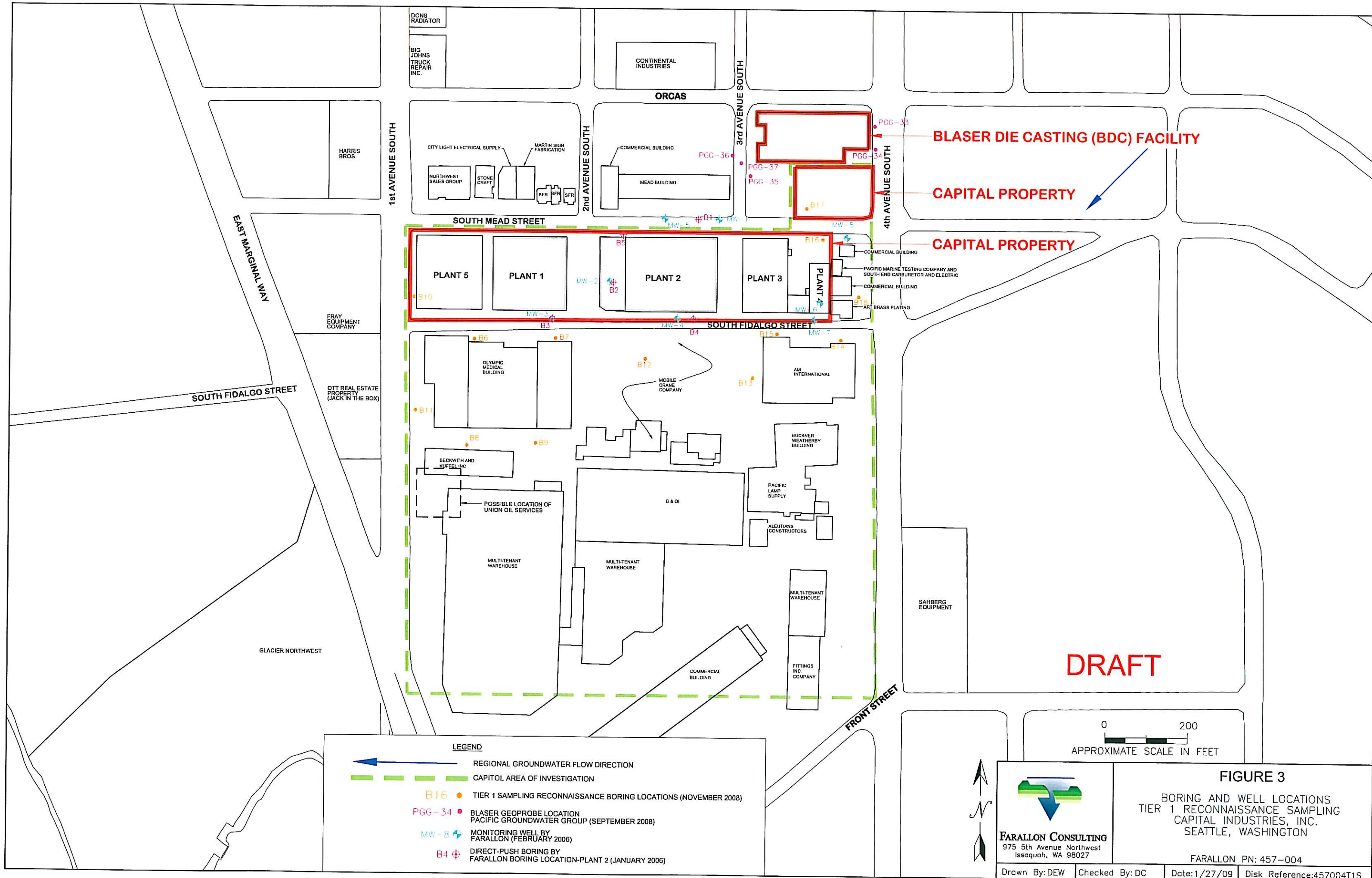


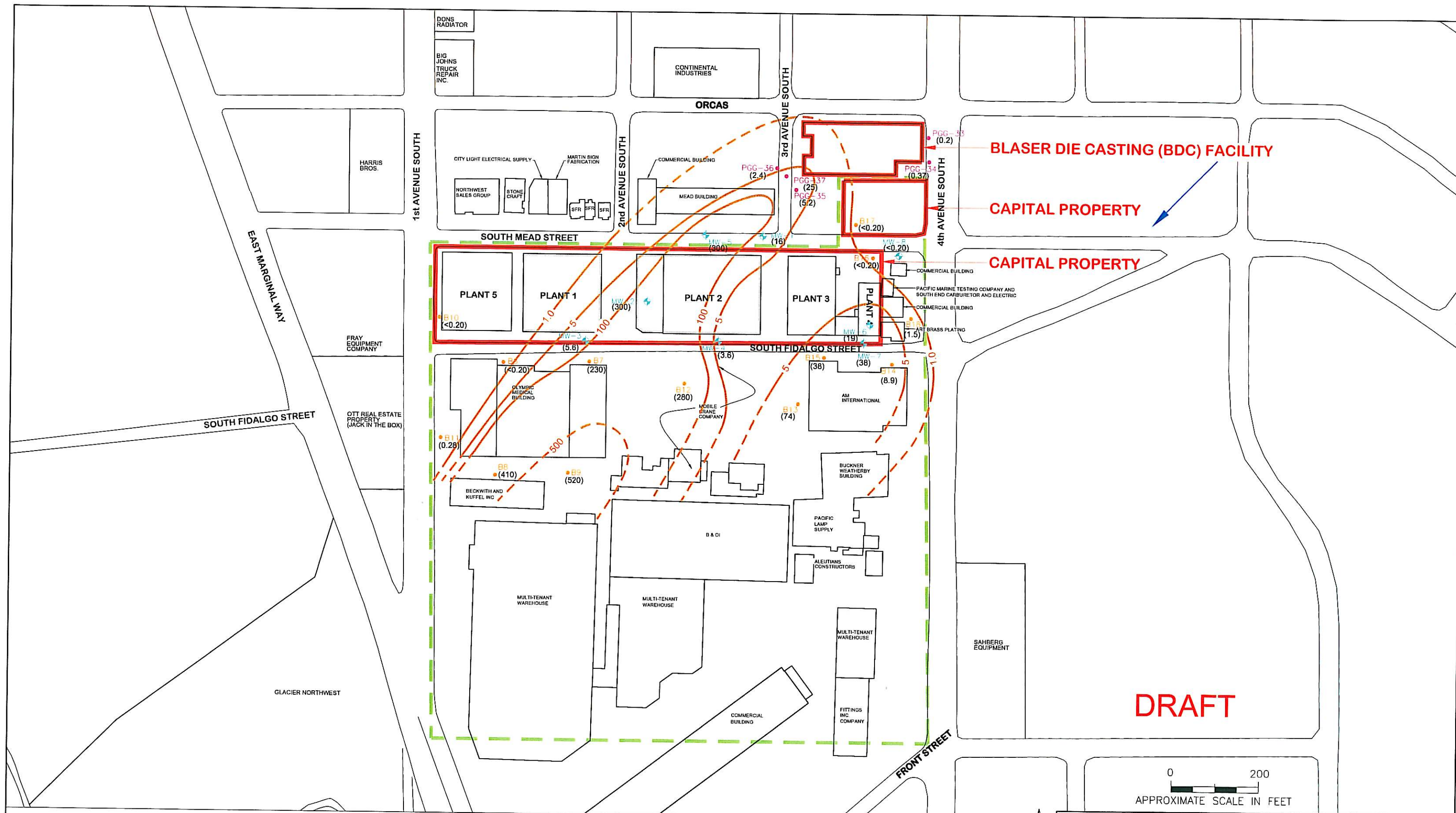

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FIGURE 2

REGIONAL PLAN MAP AND
 CAPITAL AREA OF INVESTIGATION
 TIER 1 RECONNAISSANCE SAMPLING
 CAPITAL INDUSTRIES, INC.
 SEATTLE, WASHINGTON

FARALLON PN: 457-004





DRAFT

0 200
APPROXIMATE SCALE IN FEET

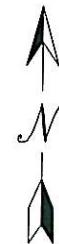


FIGURE 4

TCE CONCENTRATIONS
WATER TABLE ZONE
TIER 1 RECONNAISSANCE SAMPLING
CAPITAL INDUSTRIES, INC.
SEATTLE, WASHINGTON

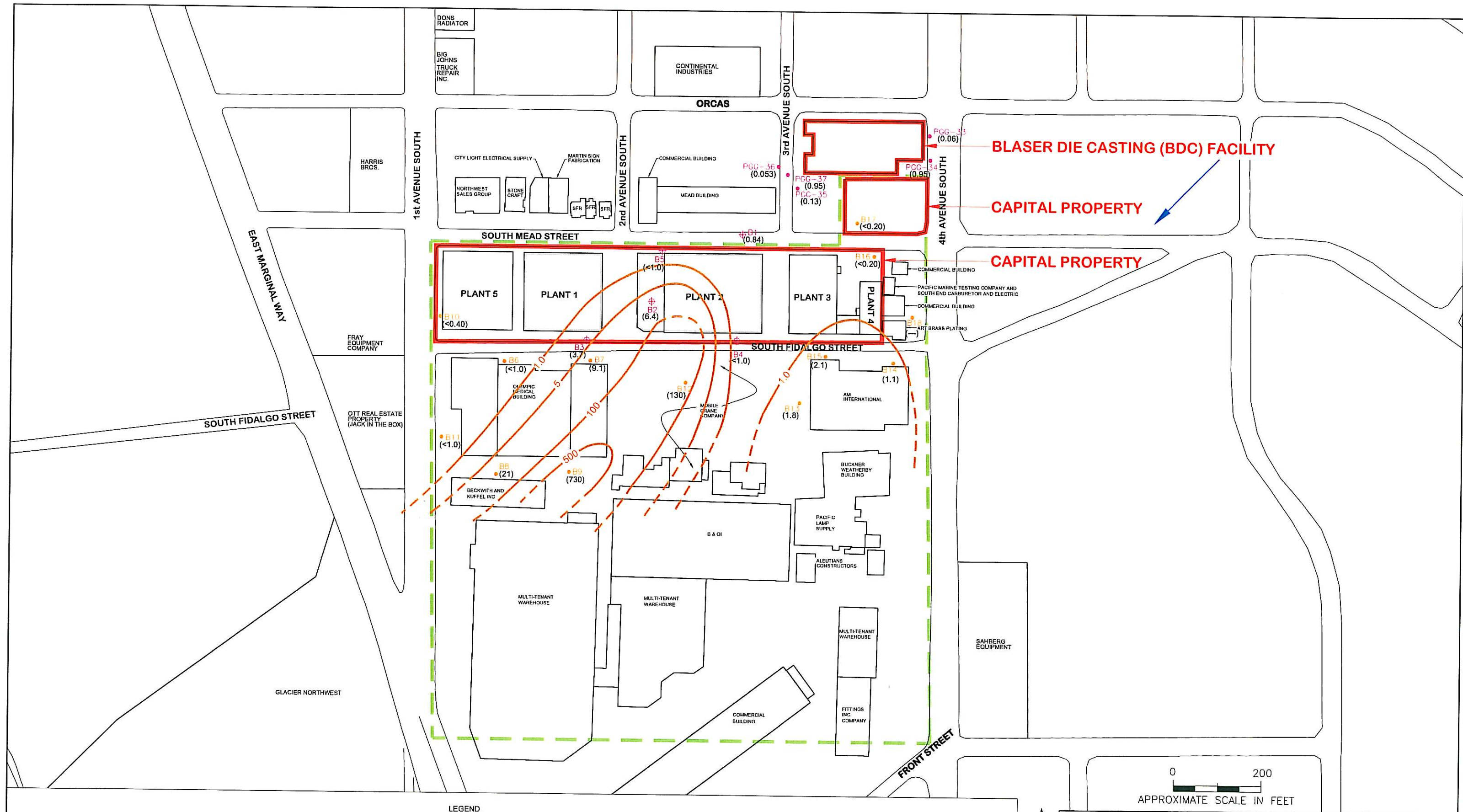
FARALLON PN: 457-004

Drawn By: DEW

Checked By: DC

Date: 1/27/09

Disk Reference: 457004T1S



LEGEND

REGIONAL GROUNDWATER FLOW DIRECTION

CAPITOL AREA OF INVESTIGATION

B16 ● TIER 1 SAMPLING RECONNAISSANCE BORING LOCATIONS (NOVEMBER 2008)

B4 ⊕ DIRECT-PUSH BORING BY FARALLON BORING LOCATION-PLANT 2 (JANUARY 2006)

PGG-34 ● BLASER GEOPROBE LOCATION PACIFIC GROUNDWATER GROUP (SEPTEMBER 2008)

ALL ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)

(19) TRICHLOROETHENE (TCE) CONCENTRATIONS IN RECONNAISSANCE GROUNDWATER SAMPLE

(—) SAMPLE NOT COLLECTED

SHALLOW ZONE SCREENING LEVEL = 0.654 ug/L

100 TCE ISOCONCENTRATION LINE DASHED WHERE INFERRED

SFR SINGLE FAMILY FAMILY RESIDENCE

FIGURE 5

TCE CONCENTRATIONS SHALLOW ZONE TIER 1 RECONNAISSANCE SAMPLING CAPITAL INDUSTRIES, INC. SEATTLE, WASHINGTON

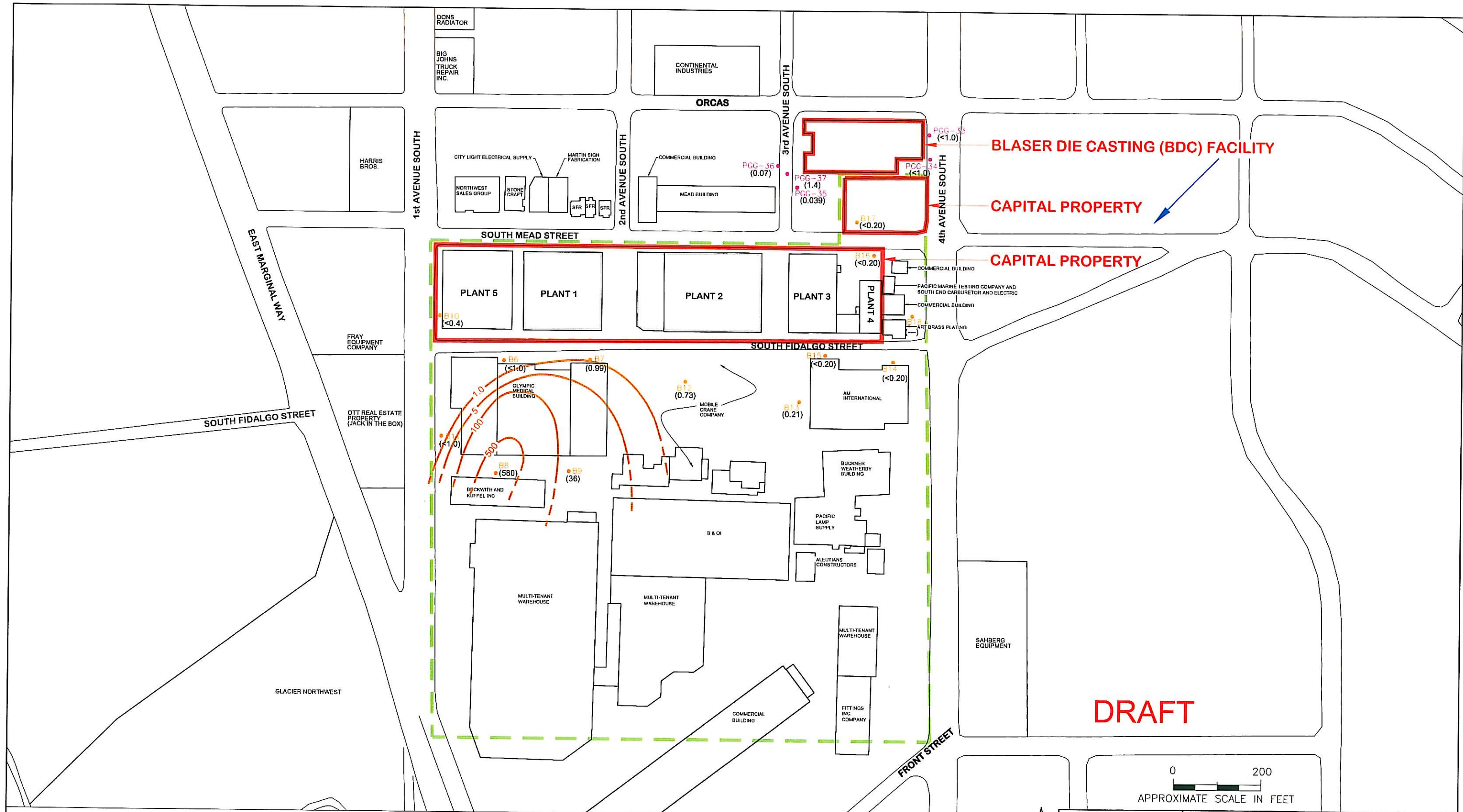
FARALLON PN: 457-004

Farallon Consulting

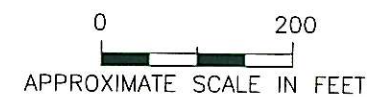
975 5th Avenue Northwest

Issaquah, WA 98027

Drawn By: DEW Checked By: DC Date: 1/22/09 Disk Reference: 457004T1S



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LEGEND

ALL ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)

(19) TRICHLOROETHENE (TCE) CONCENTRATIONS IN RECONNAISSANCE GROUNDWATER SAMPLE

(---) SAMPLE NOT COLLECTED

INTERMEDIATE ZONE SCREENING LEVEL = 0.654 ug/L

--- 100 --- TCE ISOCONCENTRATION LINE DASHED WHERE INFERRED

SFR SINGLE FAMILY FAMILY RESIDENCE

REGIONAL GROUNDWATER FLOW DIRECTION

CAPITOL AREA OF INVESTIGATION

B16 TIER 1 SAMPLING RECONNAISSANCE BORING LOCATIONS (NOVEMBER 2008)

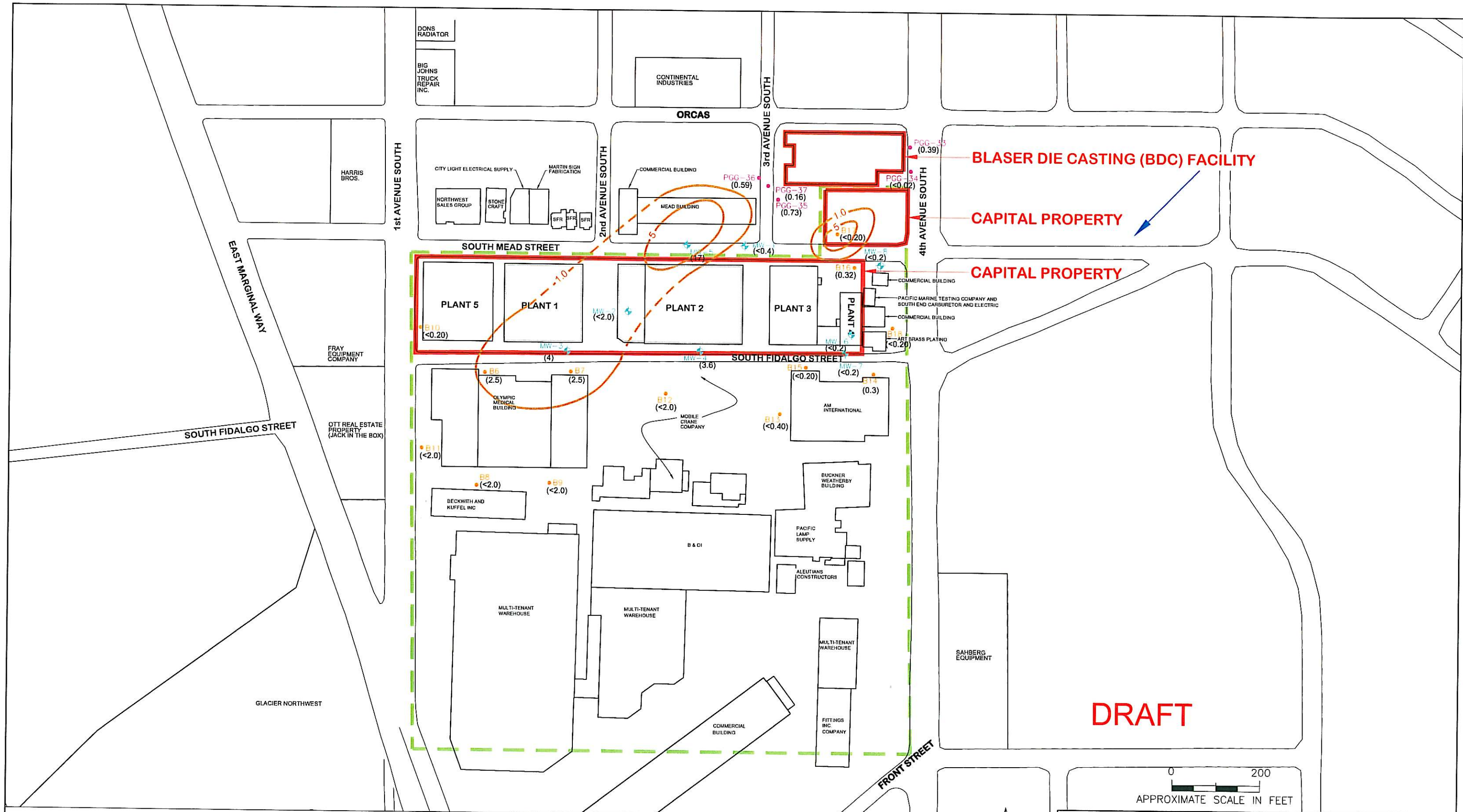
PGG-34 BLASER GEOPROBE LOCATION PACIFIC GROUNDWATER GROUP (SEPTEMBER 2008)

FIGURE 6

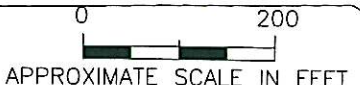
TCE CONCENTRATIONS
INTERMEDIATE ZONE
TIER 1 RECONNAISSANCE SAMPLING
CAPITAL INDUSTRIES, INC.
SEATTLE, WASHINGTON

FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027
FARALLON PN: 457-004

Drawn By: DEW Checked By: DC Date: 1/27/09 Disk Reference: 457004T1S



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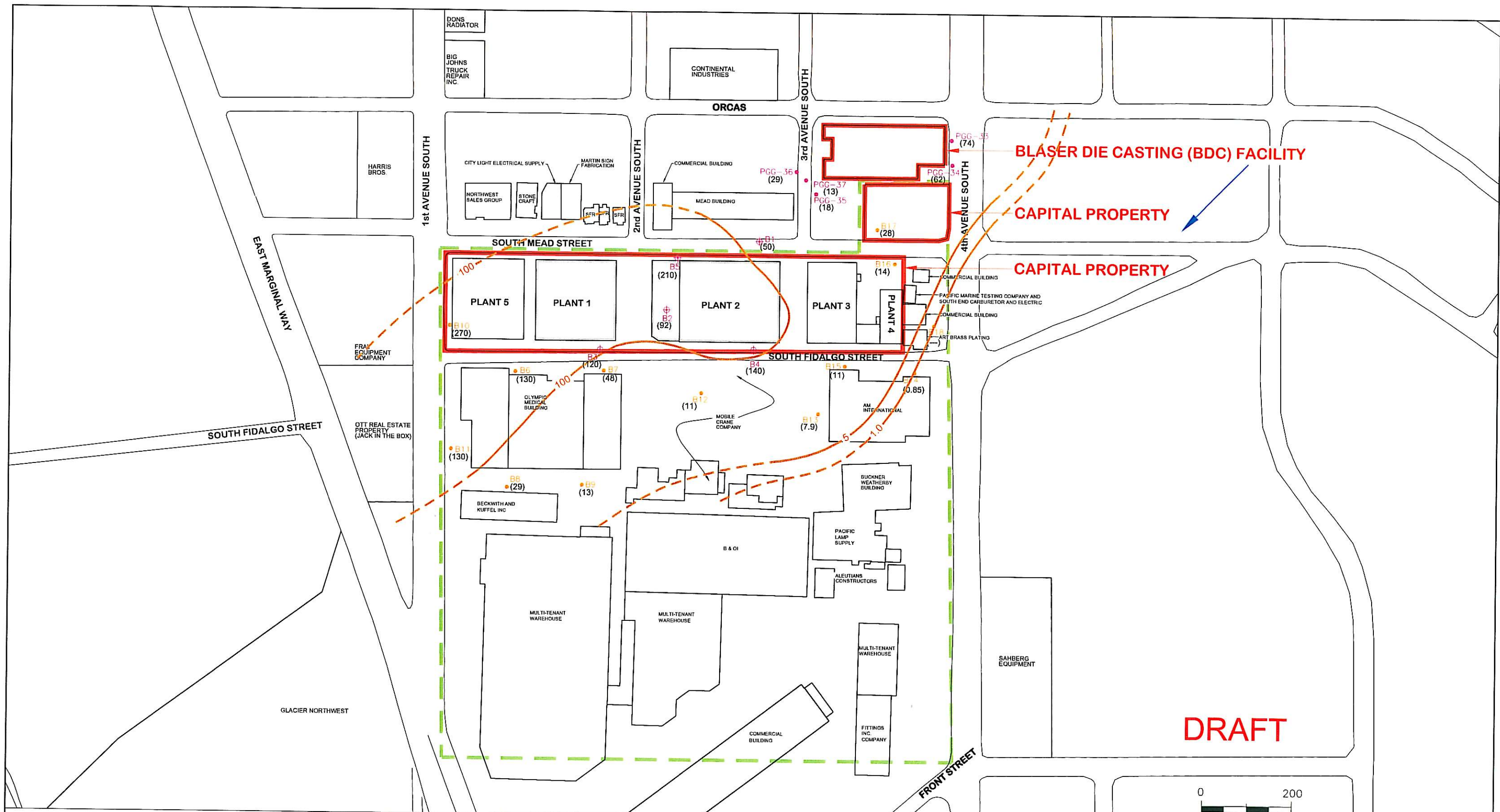
LEGEND

- REGIONAL GROUNDWATER FLOW DIRECTION
- CAPITOL AREA OF INVESTIGATION
- TIER 1 SAMPLING RECONNAISSANCE BORING LOCATIONS (NOVEMBER 2008)
- BLASER GEOPROBE LOCATION PACIFIC GROUNDWATER GROUP (SEPTEMBER 2008)
- MONITORING WELL BY FARALLON (FEBRUARY 2006)

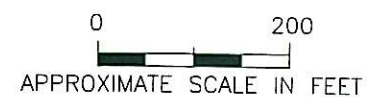
- ALL ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)
- (19) VINYL CHLORIDE CONCENTRATIONS IN RECONNAISSANCE GROUNDWATER SAMPLE
- WATER TABLE ZONE SCREENING LEVEL = 0.404 ug/L
- VINYL CHLORIDE ISOCONCENTRATION LINE DASHED WHERE INFERRED
- SFR SINGLE FAMILY FAMILY RESIDENCE



FIGURE 7
VINYL CHLORIDE CONCENTRATIONS
WATER TABLE ZONE
TIER 1 RECONNAISSANCE SAMPLING
CAPITAL INDUSTRIES, INC.
SEATTLE, WASHINGTON
FARALLON PN: 457-004



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- LEGEND**
- REGIONAL GROUNDWATER FLOW DIRECTION
 - CAPITOL AREA OF INVESTIGATION
 - TIER 1 SAMPLING RECONNAISSANCE BORING LOCATIONS (NOVEMBER 2008)
 - DIRECT-PUSH BORING BY FARALLON BORING LOCATION-PLANT 2 (JANUARY 2006)
 - BLASER GEOPROBE LOCATION PACIFIC GROUNDWATER GROUP (SEPTEMBER 2008)
 - ALL ANALYTICAL RESULTS IN MICROGRAMS PER LITER (ug/L)
 - (19) VINYL CHLORIDE CONCENTRATIONS IN RECONNAISSANCE GROUNDWATER SAMPLE
 - (—) SAMPLE NOT COLLECTED
 - SHALLOW ZONE SCREENING LEVEL = 0.654 ug/L
 - 100 VINYL CHLORIDE ISOCONCENTRATION LINE DASHED WHERE INFERRED
 - SFR SINGLE FAMILY FAMILY RESIDENCE



FIGURE 8
VINYL CHLORIDE CONCENTRATIONS
SHALLOW ZONE
TIER 1 RECONNAISSANCE SAMPLING
CAPITAL INDUSTRIES, INC.
SEATTLE, WASHINGTON
FARALLON PN: 457-004

TABLES

DRAFT TIER 1 RECONNAISSANCE SAMPLING RESULTS

Capital Industries
Seattle, Washington

Farallon PN: 457-004

Table 1
Summary of Soil Analytical Results
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (milligrams per kilogram) ²					
				PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
B14	B14-120408-2	2	12/04/08	0.091	0.024	<0.0013	<0.0013	<0.0013	<0.0064
B14	B14-120408-5	5	12/04/08	0.0055	0.0018	<0.0012	<0.0012	<0.0012	<0.0059
B14	B14-120408-7	7	12/04/08	0.0097	0.0035	<0.0012	<0.0012	<0.0012	<0.0058
B15	B15-120208-2	2	12/02/08	0.0039	<0.0012	<0.0012	<0.0012	<0.0012	<0.0061
B15	B15-120208-5	5	12/02/08	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0059
B15	B15-120208-7	7	12/02/08	0.0012	<0.0011	<0.0011	<0.0011	<0.0011	<0.0056
B18	B18-120908-2	2	12/09/08	<0.0011	0.0017	<0.0011	<0.0011	<0.0011	<0.0055
B18	B18-120908-5	5	12/09/08	0.0080	0.0060	<0.0012	<0.0012	<0.0012	<0.0061
B18	B18-120908-7	7	12/09/08	0.021	0.012	<0.0011	<0.0011	<0.0011	<0.0053
Screening Levels³				0.0031	0.0028	0.0175	0.00993	0.00969	0.005

NOTES:

Results in **bold** denote concentrations above applicable screening levels.

Samples collected by Farallon Consulting, L.L.C.

< Denotes analyte not detected at or above the reporting limit listed.

— Denotes sample not analyzed.

¹Depth in feet below ground surface.

²Analyzed using U.S. Environmental Protection Agency Method 8260B.

³Screening levels were calculated by using MTCA Modified Method B groundwater cleanup levels, modified based on Asian Pacific Island Exposure scenarios for the consumption of fish for the groundwater-to-surface-water pathway, the Federal Clean Water Act Ambient Water Quality Criteria based on human health consumption of organisms for the groundwater-to-surface-water pathway, and Residential Exposure Scenario for inhalation of indoor air exposure pathway.

DCE = dichloroethene

MTCA = Washington State Model Toxics Control Cleanup Regulation

PCE = tetrachloroethene

TCE = trichloroethene

Table 2
Summary of Total Organic Carbon Analysis Results in Soil
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (milligrams per kilogram) ²
				TOC
B6	B6-112408-15-15.5	15-15.5	11/24/08	1,220
	B6-112408-30-30.5	30-30.5	11/24/08	2,100
	B6-112408-60-60.5	60-60.5	11/24/08	1,280
B9	B9-111408-15-15.5	15-15.5	11/14/08	80.0
	B9-111408-30-30.5	30-30.5	11/14/08	2,000
	B9-111808-60-60.5	60-60.5	11/18/08	5,120
B13	B13-120108-15-15.5	15-15.5	12/01/08	270
	B13-120108-30-30.5	30-30.5	12/01/08	380
	B13-120208-60-60.5	60-60.5	12/02/08	1,100
B17	B17-111008-15-15.5	15-15.5	11/10/08	220
	B17-111008-30-30.5	30-30.6	11/10/08	1,070
	B17-111108-60-60.5	60-60.5	11/11/08	680

NOTES:

Samples collected by Farallon Consulting, L.L.C.

TOC = total organic carbon

¹Depth in feet below ground surface.

²Analyzed using Method Plumb 1981.

Table 3
Summary of Reconnaissance Groundwater Results
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Water-Bearing Zone	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (micrograms per liter) ²					
					PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
MW-1	Water Table Zone	MW1-011006	12	02/10/06	0.52	16	<0.4	78	1.1	<0.4
MW-2	Water Table Zone	MW2-021006	14	02/10/06	<2	300	<2	28	6.2	<2
MW-3	Water Table Zone	MW3-020906	12	02/09/06	<0.2	5.6	0.83	49	0.23	4
MW-4	Water Table Zone	MW4-020906	12	02/09/06	<0.2	3.6	<0.2	1.1	<0.2	<0.2
MW-5	Water Table Zone	MW5-020906	14	02/09/06	<2	300	10	230	3.2	17
MW-6	Water Table Zone	MW6-021006	13	02/10/06	16	19	<0.2	22	<0.2	<0.2
MW-7	Water Table Zone	MW7-020906	12	02/09/06	46	38	0.36	6.7	<0.2	<0.2
MW-8	Water Table Zone	MW8-020906	12	02/09/06	<0.2	<0.2	<0.2	0.41	<0.2	<0.2
B1	Water Table Zone	B1-011606-10	10-14	01/16/06	<0.2	18	<0.2	5.3	0.23	<0.2
		B1-011606-14	14-18	01/16/06	<0.2	13	<0.2	2.9	<0.2	<0.2
		B1-011606-18	18-22	01/16/06	<0.2	0.84	<0.2	0.79	<0.2	1.2
	Shallow Zone	B1-011606-22	22-26	01/16/06	<0.2	<0.2	<0.2	5.2	<0.2	5.8
		B1-011606-26	26-30	01/16/06	<0.4	<0.4	<0.4	<0.4	<0.4	50
		B1-011606-30	30-34	01/16/06	<0.2	<0.2	<0.2	<0.2	<0.2	0.74
B2	Water Table Zone	B2-011706-10	10-14	01/17/06	<2	480	7.2	81	21	<2
		B2-011706-14	14-18	01/17/06	<1	110	<1	29	2.7	<1
		B2-011706-18	18-22	01/17/06	<0.2	6.4	0.2	8.2	<0.2	0.96
	Shallow Zone	B2-011706-22	22-26	01/17/06	<0.2	2	<0.2	6.5	<0.2	0.47
		B2-011706-26	26-30	01/17/06	<0.2	0.36	<0.2	11	<0.2	14
		B2-011706-30	30-34	01/17/06	<1	<1	<1	1.7	<1	92
B3	Water Table Zone	B3-011706-10	10-14	01/17/06	<1	6.8	4.2	140	<1	6.9
		B3-011706-14	14-18	01/17/06	<0.20	5.2	0.63	37	0.39	5.6
		B3-011706-18	18-22	01/17/06	<0.40	3.7	<0.4	19	<0.4	2.2
	Shallow Zone	B3-011706-22	22-26	01/17/06	<0.20	0.24	<0.20	11	<0.2	8.8
		B3-011706-26	26-30	01/17/06	<0.40	<0.40	<0.40	2.9	<0.40	45
		B3-011706-30	30-34	01/17/06	<1	<1	<1	<1	<1	120
B4	Water Table Zone	B4-011606-10	10-14	01/16/06	<0.2	<0.2	<0.2	1.9	<0.2	0.24
		B4-011606-14	14-18	01/16/06	<0.2	<0.2	0.53	26	<0.2	3.8
		B4-011606-18	18-22	01/16/06	<0.40	<0.40	1.3	56	<0.40	17
	Shallow Zone	B4-011606-22	22-26	01/16/06	<0.40	<0.40	0.66	31	<0.4	52
		B4-011606-26	26-30	01/16/06	<1.0	<1.0	<1.0	<1.0	<1.0	110
		B4-011606-30	30-34	01/16/06	<1.0	<1.0	<1.0	<1.0	<1.0	140
B5	Shallow Zone	B5-011606-26	26-30	01/16/06	<0.20	<0.20	0.27	35	<0.20	22
		B5-011606-30	30-34	01/16/06	<0.20	<0.20	<0.20	17	<0.20	70
		B5-011606-34	34-38	01/16/06	<1.0	<1.0	<1.0	<1.0	<1.0	210
Screening Levels ^{3,4}					0.17/0.17/0.17	0.404/0.654/0.654	25/25/25	72.7/137/137	65.3/1403/1403	1.28/1.69/1.69

Table 3
Summary of Reconnaissance Groundwater Results
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Water-Bearing Zone	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (micrograms per liter) ²					
					PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
B6	Water Table Zone	B6-112408-10	10-14	11/24/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B6-112408-14	14-18	11/24/08	<0.20	<0.20	<0.20	1.7	<0.20	0.26
		B6-112408-18	18-22	11/24/08	<0.20	<0.20	<0.20	22	<0.20	2.5
	Shallow Zone	B6-112408-22	22-26	11/24/08	<0.20	<0.20	0.35	34	0.28	13
		B6-112408-26	26-30	11/24/08	<1.0	<1.0	<1.0	<1.0	<1.0	130
		B6-112408-30	30-34	11/24/08	<1.0	<1.0	<1.0	<1.0	<1.0	78
		B6-112408-34	34-38	11/24/08	<1.0	<1.0	<1.0	1.8	<1.0	110
		B6-112408-38	38-42	11/24/08	<1.0	<1.0	<1.0	<1.0	<1.0	66
	Intermediate Zone	B6-112408-42	42-46	11/24/08	<1.0	<1.0	<1.0	3.1	<1.0	69
		B6-112408-46	46-50	11/24/08	<1.0	<1.0	<1.0	8.3	<1.0	67
		B6-112408-50	50-54	11/24/08	<1.0	<1.0	<1.0	<1.0	<1.0	64
		B6-112408-54	54-58	11/24/08	<0.20	<0.20	<0.20	<0.20	<0.20	1.9
		B6-112408-58	58-62	11/24/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.21
		B6-112508-62	62-66	11/25/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.76
B6-112508-66		66-70	11/25/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
B7	Water Table Zone	B7-111308-8	08-12	11/13/08	<1.0	110	3.5	45	9.5	2.0
		B7-111308-12	12-16	11/13/08	<2.0	230	<2.0	56	6.5	2.5
		B7-111308-16	16-20	11/13/08	<0.20	34	<0.20	7.3	0.35	0.48
	Shallow Zone	B7-111308-20	20-24	11/13/08	<0.20	9.1	<0.20	7.2	<0.20	1.4
		B7-111308-24	24-28	11/13/08	<0.20	1.3	<0.20	7.6	<0.20	12
		B7-111308-28	28-32	11/13/08	<0.20	1.2	<0.20	1.4	<0.20	32
		B7-111308-32	32-36	11/13/08	<0.20	<0.20	<0.20	<0.20	<0.20	48
		B7-111308-36	36-40	11/13/08	<0.20	<0.20	<0.20	<0.20	<0.20	37
	Intermediate Zone	B7-111308-40	40-44	11/13/08	<0.20	<0.20	<0.20	<0.20	<0.20	11
		B7-111308-44	44-48	11/13/08	<0.20	0.24	<0.20	<0.20	<0.20	4.9
		B7-111308-48	48-52	11/13/08	<0.20	0.99	<0.20	<0.20	<0.20	24
		B7-111308-52	52-56	11/13/08	<0.20	0.24	<0.20	<0.20	<0.20	<0.20
		B7-111408-56	56-60	11/14/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B7-111408-60	60-64	11/14/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
B7-111408-64		64-68	11/14/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
B8	Water Table Zone	B8-112508-8	08-12	11/25/08	<1.0	180	1.5	29	4.5	<1.0
		B8-112508-12	12-16	11/25/08	<2.0	410	4.6	90	7.6	<2.0
		B8-112508-16	16-20	11/25/08	<2.0	330	3.9	110	6.0	<2.0
	Shallow Zone	B8-112508-20	20-24	11/25/08	<0.20	21	0.23	21	0.90	0.98
		B8-112508-24	24-28	11/25/08	<0.20	4.8	<0.20	8.8	0.23	4.1
		B8-112508-28	28-32	11/25/08	<0.20	0.71	<0.20	1.4	<0.20	24
		B8-112508-32	32-36	11/25/08	<1.0	10	<1.0	2.4	<1.0	29
		B8-112508-36	36-40	11/25/08	<0.20	7.8	<0.20	2.9	0.34	23
	Intermediate Zone	B8-112508-40	40-44	11/25/08	<0.20	21	<0.20	4.0	0.61	17
		B8-112508-44	44-48	11/25/08	<0.40	100	<0.40	12	1.3	11
		B8-112608-48	48-52	11/26/08	<4.0	580	<4.0	29	<4.0	8.1
		B8-112608-52	52-56	11/26/08	<0.20	37	0.41	16	1.1	8.9
		B8-112608-56	56-60	11/26/08	<0.40	92	0.95	27	1.9	8.5
		B8-112608-60	60-64	11/26/08	<0.20	8.1	<0.20	2.4	<0.20	1.5
B8-112608-64		64-68	11/26/08	<0.20	3.6	<0.20	2.7	<0.20	2.1	
Screening Levels ^{3,4}					0.17/0.17/0.17	0.404/0.654/0.654	25/25/25	72.7/137/137	65.3/1403/1403	1.28/1.69/1.69

Table 3
Summary of Reconnaissance Groundwater Results
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Water-Bearing Zone	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (micrograms per liter) ²					
					PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
B9	Water Table Zone	B9-111408-10	10-14	11/14/08	<0.40	57	0.44	43	2.0	<0.40
		B9-111408-14	14-18	11/14/08	<4.0	520	<4.0	250	13	<4.0
		B9-111408-18	18-22	11/14/08	<2.0	410	<2.0	150	4.9	<2.0
	Shallow Zone	B9-111408-22	22-26	11/14/08	<4.0	550	<4.0	37	<4.0	<4.0
		B9-111408-26	26-30	11/14/08	<4.0	730	<4.0	34	6.0	<4.0
		B9-111408-30	30-34	11/14/08	<2.0	370	3.8	84	8.5	6.0
		B9-111408-34	34-38	11/14/08	<1.0	230	14	190	15	13
		B9-111408-38	38-42	11/14/08	<1.0	220	7.3	240	66	8.4
	Intermediate Zone	B9-111808-42	42-46	11/18/08	<0.40	36	1.1	75	21	1.9
		B9-111808-46	46-50	11/18/08	<0.20	2.5	<0.20	0.60	<0.20	<0.20
		B9-111808-50	50-54	11/18/08	<0.20	5.0	<0.20	0.80	<0.20	<0.20
		B9-111808-54	54-58	11/18/08	<0.20	1.4	<0.20	0.26	<0.20	<0.20
		B9-111808-58	58-62	11/18/08	<0.20	2.5	<0.20	0.46	<0.20	<0.20
		B9-111808-62	62-66	11/18/08	<0.20	3.1	<0.20	0.57	<0.20	<0.20
		B9-111808-66	66-70	11/18/08	<0.20	1.8	<0.20	0.21	<0.20	0.63
B10	Water Table Zone	B10-112008-8	08-12	11/20/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B10-112008-12	12-16	11/20/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B10-112008-16	16-20	11/20/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	Shallow Zone	B10-112008-20	20-24	11/20/08	<0.20	<0.20	0.63	1.9	<0.20	5.3
		B10-112008-24	24-28	11/20/08	<0.20	<0.20	<0.20	7.3	<0.20	13
		B10-112008-28	28-32	11/20/08	<0.40	<0.40	<0.40	11	<0.40	44
		B10-112108-32	32-36	11/21/08	<2.0	<2.0	<2.0	7.3	<2.0	200
		B10-112108-36	36-40	11/21/08	<2.0	<2.0	<2.0	2.5	<2.0	270
	Intermediate Zone	B10-112108-40	40-44	11/21/08	<2.0	<2.0	<2.0	3.1	<2.0	270
		B10-112108-44	44-48	11/21/08	<2.0	<2.0	<2.0	<2.0	<2.0	190
		B10-112108-48	48-52	11/21/08	<0.20	<0.20	<0.20	<0.20	<0.20	20
		B10-112108-52	52-56	11/21/08	<0.40	<0.40	<0.40	<0.40	<0.40	56
		B10-112108-56	56-60	11/21/08	<0.40	<0.40	<0.40	<0.40	<0.40	42
		B10-112108-60	60-64	11/21/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B10-112108-64	64-68	11/21/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
B11	Water Table Zone	B11-111908-8	08-12	11/19/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B11-111908-12	12-16	11/19/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B11-111908-16	16-20	11/19/08	<0.20	0.28	<0.20	<0.20	<0.20	<0.20
	Shallow Zone	B11-111908-20	20-24	11/19/08	<0.20	<0.20	<0.20	11	0.22	5.7
		B11-111908-24	24-28	11/19/08	<0.40	<0.40	<0.40	18	<0.40	63
		B11-111908-28	28-32	11/19/08	<0.20	<0.20	<0.20	<0.20	<0.20	17
		B11-111908-32	32-36	11/19/08	<0.40	<0.40	<0.40	<0.40	<0.40	62
		B11-111908-36	36-40	11/19/08	<1.0	<1.0	<1.0	<1.0	<1.0	130
	Intermediate Zone	B11-111908-40	40-44	11/19/08	<1.0	<1.0	<1.0	<1.0	<1.0	130
		B11-111908-44	44-48	11/19/08	<1.0	<1.0	<1.0	<1.0	<1.0	120
		B11-111908-48	48-52	11/19/08	<0.20	<0.20	<0.20	<0.20	<0.20	35
		B11-112008-52	52-56	11/20/08	<0.40	<0.40	<0.40	<0.40	<0.40	36
		B11-112008-56	56-60	11/20/08	<0.20	<0.20	<0.20	<0.20	<0.20	12
		B11-112008-60	60-64	11/20/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.55
		B11-112008-64	64-68	11/20/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.27
Screening Levels ^{3,4}					0.17/0.17/0.17	0.404/0.654/0.654	25/25/25	72.7/137/137	65.3/1403/1403	1.28/1.69/1.69

Table 3
Summary of Reconnaissance Groundwater Results
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Water-Bearing Zone	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (micrograms per liter) ²					
					PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
B12	Water Table Zone	B12-120808-8	08-12	12/08/08	<0.20	27	<0.20	3.6	0.24	<0.20
		B12-120808-12	12-16	12/08/08	<1.0	210	<1.0	43	1.9	<1.0
		B12-120808-16	16-20	12/08/08	<2.0	280	<2.0	49	2.2	<2.0
	Shallow Zone	B12-120808-20	20-24	12/08/08	<1.0	130	<1.0	22	<1.0	2.7
		B12-120808-24	24-28	12/08/08	<0.40	55	0.64	25	0.83	7.2
		B12-120808-28	28-32	12/08/08	<0.40	67	0.57	21	1.6	11
		B12-120808-32	32-36	12/08/08	<0.20	16	0.65	11	1.2	6.2
		B12-120808-36	36-40	12/08/08	<0.20	0.81	<0.20	2.0	<0.20	1.1
	Intermediate Zone	B12-120808-40	40-44	12/08/08	<0.20	0.73	<0.20	<0.20	<0.20	<0.20
		B12-120808-44	44-48	12/08/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.32
		B12-120808-48	48-52	12/08/08	<0.20	0.22	<0.20	<0.20	<0.20	<0.20
		B12-120808-52	52-56	12/08/08	<0.20	<0.20	<0.20	<0.20	<0.20	1.2
		B12-120908-56	56-60	12/09/08	<0.20	<0.20	<0.20	<0.20	<0.20	1.4
		B12-120908-60	60-64	12/09/08	<0.20	0.24	<0.20	<0.20	<0.20	2.9
		B12-120908-64	64-68	12/09/08	<0.20	0.24	<0.20	<0.20	<0.20	0.56
B13	Water Table Zone	B13-120108-10	10-14	12/01/08	26	74	<0.40	35	<0.40	<0.40
		B13-120108-14	14-18	12/01/08	9.3	43	<0.20	4.9	<0.20	<0.20
		B13-120108-18	18-22	12/01/08	0.32	29	<0.20	3.4	<0.20	<0.20
	Shallow Zone	B13-120108-22	22-26	12/01/08	<0.20	1.8	0.31	11	<0.20	1.8
		B13-120108-26	26-30	12/01/08	<0.20	1.2	0.22	11	<0.20	2.0
		B13-120108-30	30-34	12/01/08	<0.20	0.36	<0.20	0.40	<0.20	1.2
		B13-120108-34	34-38	12/01/08	<0.20	<0.20	<0.20	0.44	<0.20	6.2
		B13-120108-38	38-42	12/01/08	<0.20	<0.20	<0.20	0.73	<0.20	7.9
	Intermediate Zone	B13-120108-42	42-46	12/01/08	<0.20	<0.20	<0.20	0.47	<0.20	5.2
		B13-120108-46	46-50	12/01/08	<0.20	0.21	<0.20	<0.20	<0.20	12
		B13-120208-50	50-54	12/02/08	<0.20	<0.20	<0.20	<0.20	<0.20	11
		B13-120208-54	54-58	12/02/08	<0.20	<0.20	<0.20	<0.20	<0.20	1.0
		B13-120208-58	58-62	12/02/08	<0.20	<0.20	<0.20	<0.20	<0.20	2.1
		B13-120208-62	62-66	12/02/08	<0.20	<0.20	<0.20	<0.20	<0.20	2.5
		B13-120208-66	66-70	12/02/08	<0.20	<0.20	<0.20	<0.20	<0.20	2.3
B14	Water Table Zone	B14-120408-8	08-12	12/04/08	6.6	5.7	<0.20	0.41	<0.20	<0.20
		B14-120408-12	12-16	12/04/08	4.0	8.9	0.52	2.9	0.21	<0.20
		B14-120408-16	16-20	12/04/08	0.73	3.5	0.55	8.6	<0.20	0.30
	Shallow Zone	B14-120408-20	20-24	12/04/08	<0.20	1.1	0.29	8.5	<0.20	0.65
		B14-120408-24	24-28	12/04/08	<0.20	0.25	<0.20	6.0	<0.20	0.66
		B14-120508-28	28-32	12/05/08	<0.20	<0.20	<0.20	3.2	<0.20	0.85
		B14-120508-32	32-36	12/05/08	<0.20	<0.20	<0.20	0.56	<0.20	0.56
		B14-120508-36	36-40	12/05/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.35
	Intermediate Zone	B14-120508-40	40-44	12/05/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.25
		B14-120508-44	44-48	12/05/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.30
		B14-120508-48	48-52	12/05/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B14-120508-52	52-56	12/05/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B14-120508-56	56-60	12/05/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B14-120508-60	60-64	12/05/08	<0.20 J	<0.20 J	<0.20 J	<0.20 J	<0.20 J	<0.20 J
		B14-120508-64	64-68	12/05/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Screening Levels ^{3,4}				0.17/0.17/0.17	0.404/0.654/0.654	25/25/25	72.7/137/137	65.3/1403/1403	1.28/1.69/1.69	

Table 3
Summary of Reconnaissance Groundwater Results
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Water-Bearing Zone	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (micrograms per liter) ²					
					PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
B15	Water Table Zone	B15-120208-8	08-12	12/02/08	9.6	38	<0.20	3.2	0.23	<0.20
		B15-120208-12	12-16	12/02/08	0.29	15	<0.20	1.2	<0.20	<0.20
		B15-120308-16	16-20	12/03/08	<0.20	2.5	0.24	4.1	<0.20	<0.20
	Shallow Zone	B15-120308-20	20-24	12/03/08	<0.20	2.1	0.44	8.2	<0.20	0.69
		B15-120308-24	24-28	12/03/08	<0.20	<0.20	<0.20	11	<0.20	1.5
		B15-120308-28	28-32	12/03/08	<0.20	<0.20	<0.20	11	<0.20	5.0
		B15-120308-32	32-36	12/03/08	<0.20	0.21	<0.20	11	<0.20	1.5
		B15-120308-36	36-40	12/03/08	<0.20	<0.20	<0.20	<0.20	<0.20	11
		B15-120308-40	40-44	12/03/08	<0.20	<0.20	<0.20	3.4	<0.20	9.9
	Intermediate Zone	B15-120308-44	44-48	12/03/08	<0.20	<0.20	<0.20	1.4	<0.20	11
		B15-120408-48	48-52	12/04/08	<0.20	<0.20	<0.20	<0.20	<0.20	5.6
		B15-120408-52	52-56	12/04/08	<0.20	<0.20	<0.20	<0.20	<0.20	10
		B15-120408-56	56-60	12/04/08	<0.20	<0.20	<0.20	<0.20	<0.20	7.5
		B15-120408-60	60-64	12/04/08	<0.20	<0.20	<0.20	<0.20	<0.20	2.5
		B15-120408-64	64-68	12/04/08	<0.20	<0.20	<0.20	<0.20	<0.20	3.4
B16	Water Table Zone	B16-111108-8	08-12	11/11/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B16-111108-12	12-16	11/11/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B16-111108-16	16-20	11/11/08	<0.20	<0.20	0.41	5.8	0.29	0.32 J
	Shallow Zone	B16-111108-20	20-24	11/11/08	<0.20	<0.20	0.68	11	<0.20	0.71
		B16-111108-24	24-28	11/11/08	<0.20	<0.20	0.35	17	<0.20	5.2
		B16-111108-28	28-32	11/11/08	<0.20	<0.20	<0.20	11	<0.20	14
		B16-111208-32	32-36	11/12/08	<0.20	<0.20	<0.20	2.3	<0.20	5.1
		B16-111208-36	36-40	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.22
		B16-111208-40	40-44	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	Intermediate Zone	B16-111208-44	44-48	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.22
		B16-111208-48	48-52	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B16-111208-52	52-56	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B16-111208-56	56-60	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
		B16-111208-60	60-64	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.46
		B16-111208-64	64-68	11/12/08	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Screening Levels ^{3,4}					0.17/0.17/0.17	0.404/0.654/0.654	25/25/25	72.7/137/137	65.3/1403/1403	1.28/1.69/1.69

Table 3
Summary of Reconnaissance Groundwater Results
Tier 1 Sampling
Capital Industries
Seattle, Washington
Farallon PN: 457-004

Sample Location	Water-Bearing Zone	Sample Identification	Sample Depth ¹	Sample Date	Analytical Results (micrograms per liter) ²					
					PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
B17	Water Table Zone	B17-111008-8	08-12	11/10/08	<0.20	<0.20	<0.20	1.4	<0.20	<0.20
		B17-111008-12	12-16	11/10/08	<0.20	<0.20	0.75	23	<0.20	4.1
		B17-111008-16	16-20	11/10/08	<0.20	<0.20	1.0	28	<0.20	5.1
	Shallow Zone	B17-111008-20	20-24	11/10/08	<0.20	<0.20	1.3	41	0.21	28
		B17-111008-24	24-28	11/10/08	<0.20	<0.20	<0.20	0.26	<0.20	1.9
		B17-111008-28	28-32	11/10/08	<0.20	<0.20	<0.20	<0.20	<0.20	1.3
		B17-111008-32	32-36	11/10/08	<0.20	<0.20	<0.20	0.55	<0.20	1.4
		B17-111008-36	36-40	11/10/08	<0.20	<0.20	<0.20	<0.20	<0.20	3.3
	Intermediate Zone	B17-111008-40	40-44	11/10/08	<0.20	<0.20	<0.20	<0.20	<0.20	3.3
		B17-111008-44	44-48	11/10/08	<0.20	<0.20	<0.20	<0.20	<0.20	1.3
		B17-111008-48	48-52	11/10/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.23
		B17-111108-52	52-56	11/11/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.25
		B17-111108-56	56-60	11/11/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.37
		B17-111108-60	60-64	11/11/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.79
		B17-111108-64	64-68	11/11/08	<0.20	<0.20	<0.20	<0.20	<0.20	0.35
		B17-111108-68	68-72	11/11/08	<0.20	<0.20	<0.20	<0.20	<0.20	1.5
B18	Water Table Zone	B18-120908-8	08	12/09/08	3.4	1.5	<0.20	<0.20	<0.20	<0.20
Screening Levels ^{3,4}					0.17/0.17/0.17	0.404/0.654/0.654	25/25/25	72.7/137/137	65.3/1403/1403	1.28/1.69/1.69

NOTES:

Results in **bold** denote concentrations above applicable screening levels.

< denotes analyte not detected at or above the reporting limit listed.

— denotes sample not analyzed.

Samples collected by Farallon Consulting, L.L.C.

¹Depth in feet below ground surface (bgs).

²Analyzed using U.S. Environmental Protection Agency Method 8260B.

³Screening levels were calculated by using MTCA Modified Method B groundwater cleanup levels, modified based based on Asian Pacific Island Exposure scenarios for the consumption of fish for the groundwater-to-surface-water pathway, the Federal Clean Water Act Ambient Water Quality Criteria based on human health consumption of organisms for the groundwater-to-surface-water pathway, and Residential Exposure Scenario for inhalation of indoor air exposure pathway.

⁴Water Table Zone Screening Level/Shallow Zone Screening Level/Intermediate Zone Screening Level

DCE = dichloroethene

Intermediate Zone = denotes interval from 40 feet bgs to 70 feet bgs.

J = the analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity

MTCA = Washington State Model Toxics Control Act Cleanup Regulation

PCE = tetrachloroethene

Shallow Zone = denotes interval from 20 feet bgs to 40 feet bgs.

TCE = trichloroethene

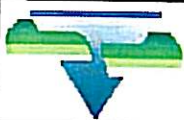
Water Table Zone = denotes interval from the top of water table to 20 feet bgs.

**ATTACHMENT A
BORING LOGS**

DRAFT TIER 1 RECONNAISSANCE SAMPLING RESULTS
Capital Industries
Seattle, Washington

Farallon PN: 457-004

DRAFT – Issued for Agency Review



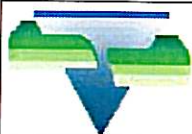
FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

USCS Classification and Graphic Legend

Major Divisions	USCS Graphic Symbol	USCS Letter Symbol	Lithologic Description
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Coarse-Grained Soil (More than 50% of material is larger than No. 200 sieve size)	GRAVEL AND GRAVELLY SOIL (More than 50% of coarse fraction retained on No. 4 sieve)	CLEAN GRAVEL (Little or no fines)		GW	Well graded GRAVEL, well graded GRAVEL with sand
		GRAVEL WITH FINES (Appreciable amount of fines)		GP	Poorly graded GRAVEL, GRAVEL with sand
				GP-GM	Poorly graded GRAVEL - GRAVEL with sand and silt
				GM	Silty GRAVEL
	SAND AND SANDY SOIL (More than 50% of coarse fraction passed through No. 4 sieve)	CLEAN SAND (Little or no fines)		GC	Clayey GRAVEL
				SW	Well graded SAND
				SP	Poorly graded SAND
		SAND WITH FINES (Appreciable amount of fines)		SP-SM	Poorly graded SAND - silty SAND
				SM	Silty SAND
				SC	Clayey SAND
Fine-Grained Soil (More than 50% of material is smaller than No. 200 sieve size)	SILT AND CLAY (Liquid limit less than 50)			SM-ML	SILT - Silty SAND
				ML	SILT
				CL	CLAY
	SILT AND CLAY (Liquid limit greater than 50)			OL	Organic SILT
				MH	Inorganic SILT
				CH	Inorganic CLAY
				OH	Organic CLAY
OTHER MATERIALS		Highly Organic Soil		PT	Peat
	PAVEMENT			AC	Asphalt concrete
				CO	Concrete
	OTHER			RK	Bedrock
				WD	Wood Debris
				DB	Debris (Miscellaneous)
				PC	Portland cement

Legend		
	Sample Interval	Solid line indicates sharp contact between units well defined. Dashed line indicates gradational contact between units.
	Grab Sample Interval	
	Water level at time of drilling	feet bgs = feet below ground surface NE = Not Encountered NA = Not Applicable PID = Photoionization Detector PN = Project Number units = PID units calibrated to 100 ppm isobutylene USCS = Unified Soil Classification System
	Water level at time of sampling	
	Blank Casing	
	Screened Casing	
	Cement Grout	
	Bentonite	
	Sand Pack	
	Well Cap	

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B6**

Page 1 of 4

Client: Capital Industries Inc.**Project:** Capital Industries Inc.**Location:** Seattle, WA**Date/Time Started:** 11/24/2008 7:50**Date/Time Completed:** 11/25/2008 9:30**Equipment:** Geoprobe 6600**Drilling Company:** Cascade Drilling**Drilling Foreman:** Kasey Goble**Drilling Method:** Direct-push**Sampler Type:** Macrocore 60-inch**Drive Hammer (lbs.):** NA**Depth of Water ATD (ft bgs):** 10.5' bgs**Total Boring Depth (ft bgs):** 70' bgs**Total Well Depth (ft bgs):** NA**Farallon PN:** 457-004**Logged By:** Ken Scott

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-6": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		6"-1.5': Poorly-graded fine SAND (95% sand, 5% silt), gray, moist, no odor or sheen.	SP							
		1.5'-2.1': SILT (100% silt), dark-brown, moist, no odor or sheen.	ML							
		2.1'-6.1': Silty SAND (65% sand, 35% silt), fine sand, light-brown, moist, no odor or sheen. Observed red-oxides b/w 4.0' to 6.0' bgs.	SM		100	N/A	0.0			
5		6.1'-10.0': Poorly-graded fine SAND (95% sand, 5% silt), black, moist, no odor or sheen. Observed red-oxides b/w 6.1' to 10.0' bgs.	SP		100	N/A	0.0			
10		10.0'-10.5': Sandy SILT (60% silt, 40% sand), fine sand, light-brown, moist to wet, no odor or sheen. Observed water at 10.5' bgs, and red-oxides b/w 10.0' to 10.5' bgs.	ML					B6-112408-10	X	Initial water level
		10.5'-16.8': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen. Observed red-oxides b/w 6.1'-10.0' bgs.	SP		100	N/A	0.0			
15		16.8'-17.0': SILT with sand (80% silt, 20% sand), fine sand, light-brown, wet, no odor or sheen.	ML					B6-112408-14	X	
		17.0'-23.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP		100	N/A	0.0	B6-112408-15-15.5	X	
20								B6-112408-18	X	
								Dup-B6-112408-18	X	

Monument Type: NA**Casing Diameter (inches):** 2-inch**Screen Slot Size (inches):** 0.004**Screened Interval (ft bgs):** 4' intervals**Well Construction Information****Filter Pack:** NA**Surface Seal:** Asphalt**Annular Seal:** NA**Ground Surface Elevation (ft):** NA**Top of Casing Elevation (ft):** NA**Boring Abandonment:** Bentonite**Surveyed Location:** X: 47.330154402 Y: -122.200081190

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring:B6**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20										
		23.0'-23.4': SILT (100% silt), gray, wet, no odor or sheen.	ML		100	N/A	0.0	B6-112408-22	X	
		23.4'-24.5': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP							
25		24.5'-25.0': SILT with sand (80% silt, 20% sand), fine sand, light-brown, wet, no odor or sheen.	ML							
		25.0'-29.0': SILT (90% silt, 10% sand), fine sand, light-brown, wet, no odor or sheen.	ML		100	N/A	0.0	B6-112408-26	X	
		29.0'-30.2': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
30		30.2'-31.8': SILT with sand (80% silt, 20% sand), fine sand, brown, wet, no odor or sheen.	ML					B6-112408-30	X	
		31.8'-32.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0	B6-112408-30.5	X	
		32.5'-34.0': SILT (90% silt, 10% sand), fine sand, brown, wet, no odor or sheen.	ML							
		34.0'-48.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0	B6-112408-34	X	
35										
					100	N/A	0.0	B6-112408-38	X	
40										
					100	N/A	0.0	B6-112408-42	X	

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330154402 Y: -122.200081190



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
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45								B6-112408-46	X	
					95	N/A	0.0			
		48.5'-50.0': Silty SAND (80% sand, 20% silt), fine sand, brown, wet, no odor or sheen.	SM							
50								B6-112408-50	X	
		50.0'-58.3': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0			
								B6-112408-54	X	
55								Dup-B6-112408-54	X	
					100	N/A	0.0			
		58.3'-62.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM					B6-112408-58	X	
60								B6-112408-60-60.5	X	
		62.5'-70.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0	B6-112508-62	X	
65								B6-112508-66	X	
					100	N/A	0.0			

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

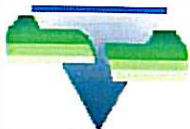
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330154402 Y: -122.200081190

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B6**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330154402 Y: -122.200081190

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B7**

Page 1 of 4

Client: Capital Industries Inc.**Project:** Capital Industries Inc.**Location:** Seattle, WA**Farallon PN:** 457-004**Logged By:** Ken Scott**Date/Time Started:** 11/13/2008 7:45**Date/Time Completed:** 11/14/2008 10:10**Equipment:** Geoprobe 6600**Drilling Company:** Cascade Drilling**Drilling Foreman:** Kasey Goble**Drilling Method:** Direct-push**Sampler Type:** Macrocore 60-inch**Drive Hammer (lbs.):** NA**Depth of Water ATD (ft bgs):** 8.0' bgs**Total Boring Depth (ft bgs):** 70' bgs**Total Well Depth (ft bgs):** NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-5": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		5"-1.2': Silty SAND (65% sand, 35% silt), fine sand, brown, moist, no odor or sheen.	SM							
		1.2'-1.6': SILT (100% silt), dark-brown, moist, no odor or sheen.	ML							
		1.6'-1.9': Sandy SILT (65% silt, 35% sand), fine sand, light-brown, moist, no odor or sheen.	ML			100	N/A	0.2		
5		1.9'-7.0': SILT with sand (80% silt, 20% sand), fine sand, light-brown, moist, no odor or sheen.	ML							Bentonite
		7.0'-10.0': Poorly-graded fine SAND (95% sand, 5% silt), black, moist to wet, no odor or sheen. Observed water, and red-oxides at 8.0' bgs.	SP			100	N/A	0.0	B7-111308-8	X
10		10.0'-10.8': Silty SAND (60% sand, 40% silt), fine sand, brown, wet, no odor or sheen.	SM							
		10.8'-28.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP			100	N/A	0.0	B7-111308-12	X
15										
						100	N/A	0.0	B7-111308-16	X
20										

Monument Type: NA**Casing Diameter (inches):** 2-inch**Screen Slot Size (inches):** 0.004**Screened Interval (ft bgs):** 4' intervals**Well Construction Information****Filter Pack:** NA**Surface Seal:** Asphalt**Annular Seal:** NA**Ground Surface Elevation (ft):** NA**Top of Casing Elevation (ft):** NA**Boring Abandonment:** Bentonite**Surveyed Location:** X: 47.330133674 Y: -122.195790324

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring:B7**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20								B7-111308-20	X	
						70	N/A	0.0		
25								B7-111308-24	X	
		28.0'-28.2': SILT with sand (80% silt, 20% sand), fine sand, brown, wet, no odor or sheen.	ML			60	N/A	0.2	B7-111308-28	X
		28.2'-29.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					Dup-B7-111308-28	X	
30		29.0'-29.5': SILT with sand (80% silt, 20% sand), fine sand, brown, wet, no odor or sheen.	ML							
		29.5'-34.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
						100	N/A	0.0	B7-111308-32	X
35		34.0'-37.5': Sandy SILT (65% silt, 35% sand), fine sand, brown, wet, no odor or sheen.	ML							
								B7-111308-36	X	
		37.5'-37.9': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, slight decomposition-like odor, no sheen.	ML			80	N/A	0.0		
		37.9'-41.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
40								B7-111308-40	X	
		41.0'-43.5': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor or sheen.	ML							
						70	N/A	0.0		
		43.5'-46.0': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM					B7-111308-44	X	

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330133674 Y: -122.195790324



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
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45										
		46.0'-58.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, slight decomposition-like odor, no sheen.	SP							
					100	N/A	0.0	B7-111308-48	X	
50										
					100	N/A	0.0	B7-111308-52	X	
55										
					100	N/A	0.0	B7-111308-56	X	
		58.0'-62.0': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor or sheen.	ML							
60										
								B7-111308-60	X	
		62.0'-70.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0	B7-111308-64	X	
65								Dup-B7-111308-64	X	
					100	N/A	0.0			

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330133674 Y: -122.195790324

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B7**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

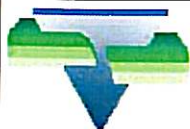
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330133674 Y: -122.195790324

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B8**

Page 1 of 4

Client: Capital Industries Inc.**Project:** Capital Industries Inc.**Location:** Seattle, WA**Farallon PN:** 457-004**Logged By:** Ken Scott & Jen Baptist**Date/Time Started:** 11/25/2008 9:45**Date/Time Completed:** 11/26/2008 14:15**Equipment:** Geoprobe 6600**Drilling Company:** Cascade Drilling**Drilling Foreman:** Kasey Goble**Drilling Method:** Direct-push**Sampler Type:** Macrocore 60-inch**Drive Hammer (lbs.):** NA**Depth of Water ATD (ft bgs):** 6.0' bgs**Total Boring Depth (ft bgs):** 70' bgs**Total Well Depth (ft bgs):** NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-8": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		8"-2.0': Poorly-graded fine SAND with silt and gravel (70% sand, 20% gravel, 10% silt), fine gravel, gray, moist, no odor or sheen. Observed rounded gravel..	SP-SM							
		2.0'-4.0': Poorly-graded fine SAND with silt (90% sand, 10% silt), tan, moist, no odor or sheen.	SP-SM			80	N/A	0.0		
		4.0'-5.0': SILT (100% silt), gray and tan layers, moist, stiff, no odor or sheen.	ML							Bentonite
5		5.0'-6.0': Poorly-graded fine SAND (85% sand, 10% gravel, 5% silt), fine gravel, tan to brown, moist to wet, no odor or sheen. Observed water at 6.0' bgs.	SP							
		6.0'-8.3': SILT (100% silt), gray, wet, soft, no odor or sheen.	ML			100	N/A	0.0		Initial water level
		8.3'-10.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP					B8-112508-8	X	
10		10.0'-11.0': SILT, trace gravel (95% silt, 5% gravel), brown, wet, no odor or sheen.	ML							
		11.0'-18.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP			100	N/A	0.0		
								B8-112508-12	X	
15										
								B8-112508-16	X	
20		18.0'-23.0': Silty SAND (80% sand, 20% silt), black, wet, no odor or sheen. Observed wood-debris in sampler.	SP			80	N/A	0.0		

Monument Type: NA**Casing Diameter (inches):** 2-inch**Screen Slot Size (inches):** 0.004**Screened Interval (ft bgs):** 4' intervals**Well Construction Information****Filter Pack:** NA**Surface Seal:** Asphalt**Annular Seal:** NA**Ground Surface Elevation (ft):** NA**Top of Casing Elevation (ft):** NA**Boring Abandonment:** Bentonite**Surveyed Location:** X: 47.35882410 Y: -122.200041452



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
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20								B8-112508-20	X	
		23.0'-25.0': SILT (100% silt), tan, wet, no odor or sheen. Observed wood-debris in sampler.	ML		80	N/A	0.0			
25		25.0'-27.2': Silty SAND (80% sand, 20% silt), black, wet, no odor or sheen.	SP					B8-112508-24	X	
		27.2'-30.0': SILT (100% silt), tan, wet, no odor or sheen. Observed wood-debris in sampler.	ML		85	N/A	0.0	B8-112508-28	X	
30		30.0'-34.0': SILT (90% silt, 10% sand), fine sand, gray, wet, no odor or sheen. Observed wood-debris in sampler.	ML					B8-112508-32	X	
		34.0'-37.4': Poorly-graded fine SAND with silt (90% sand, 10% silt), black, wet, no odor, no sheen. Observed wood-debris throughout sampler.	SP-SM		95	N/A	0.0	B8-112508-36	X	
35		37.4'-37.7': SILT (95% silt, 5% sand), fine sand, gray, wet, no odor or sheen.	ML		95	N/A	0.0			
		37.7'-45.0': Poorly-graded fine SAND with silt (90% sand, 10% silt), black, wet, no odor, no sheen. Observed wood-debris b/w 37.7 to 40.0' bgs.	SP					B8-112508-40	X	
40								Dup-B8-112508-40	X	
					100	N/A	0.0			
								B8-112508-44	X	

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

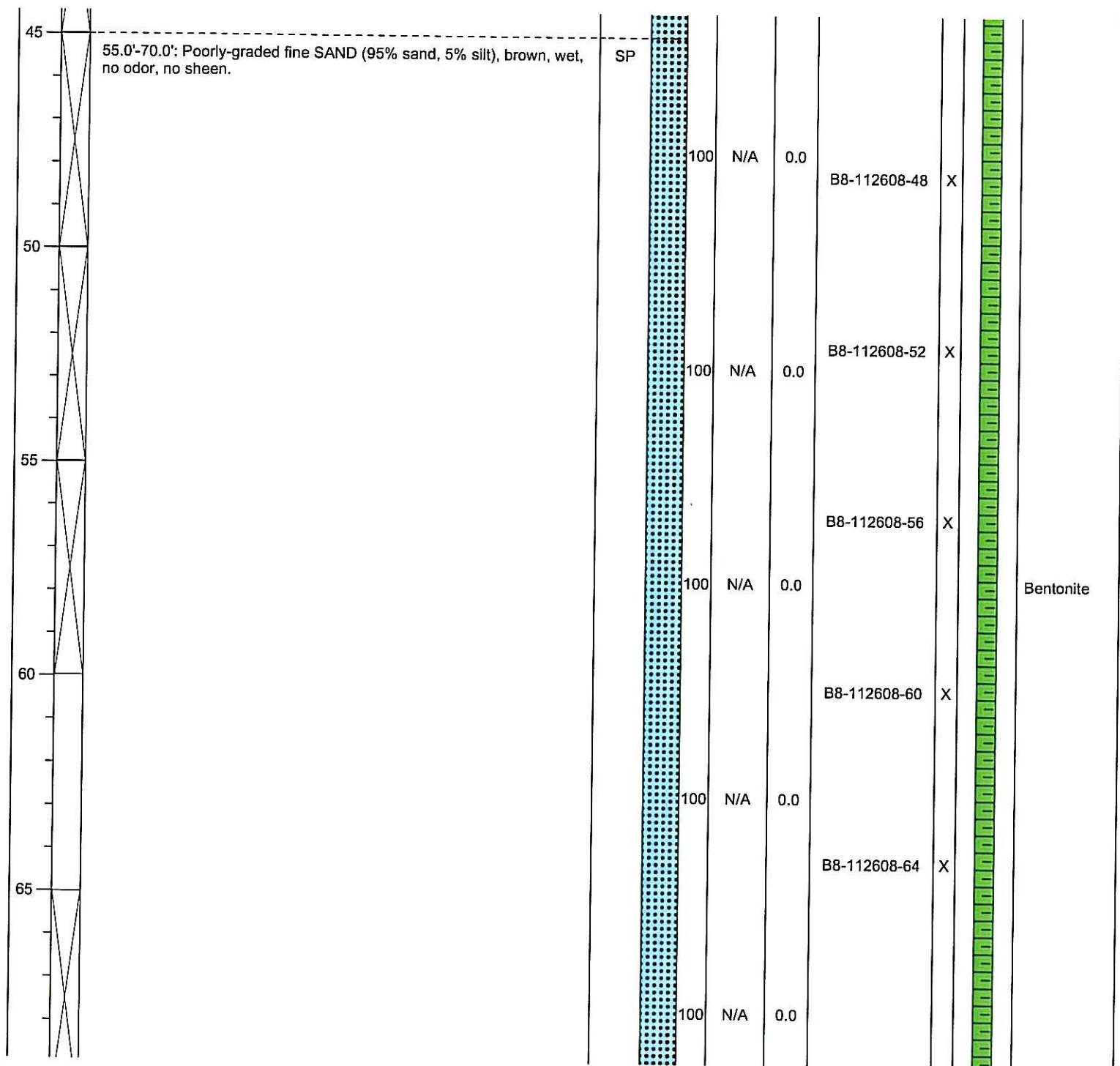
Boring Abandonment: Bentonite

Surveyed Location: X: 47.35882410 Y: -122.200041452

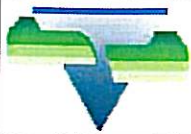


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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
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Monument Type: NA		Well Construction Information		Ground Surface Elevation (ft): NA	
Casing Diameter (inches):	2-inch	Filter Pack:	NA	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches):	0.004	Surface Seal:	Asphalt	Boring Abandonment:	Bentonite
Screened Interval (ft bgs):	4' intervals	Annular Seal:	NA	Surveyed Location:	X: 47.35882410 Y: -122.200041452



FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring:B8

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.35882410 Y: -122.200041452

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started:	11/14/2008 10:30
Date/Time Completed:	11/18/2008 13:45
Equipment:	Geoprobe 6600
Drilling Company:	Cascade Drilling
Drilling Foreman:	Kasey Goble
Drilling Method:	Direct-push

Sampler Type: Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 10.0
Total Boring Depth (ft bgs): 70' bgs
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-6": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		6"-4.0': Silty SAND (60% sand, 35% silt, 5% gravel), fine sand and gravel, dark-brown, moist, no odor or sheen. Observed red-oxides b/w 4 to 6' bgs.	SM							
					100	N/A	0.0			
5		4.0'-7.4': Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor or sheen. Observed laminated wood-debris in sampler.	SM							Bentonite
		7.4'-11.5': Poorly-graded fine SAND with silt (90% sand, 10% silt), brown, moist to wet, no odor or sheen.	SP							
		Observed red-oxides and water at 10.0' bgs.			100	N/A	0.0			
10								B9-111408-10	X	Initial water level
		11.5'-23.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP							
					100	N/A	0.0			
								B9-111408-14	X	
15								B9-111408-15-15.5	X	
					100	N/A	0.0			
20								B9-111408-18	X	

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

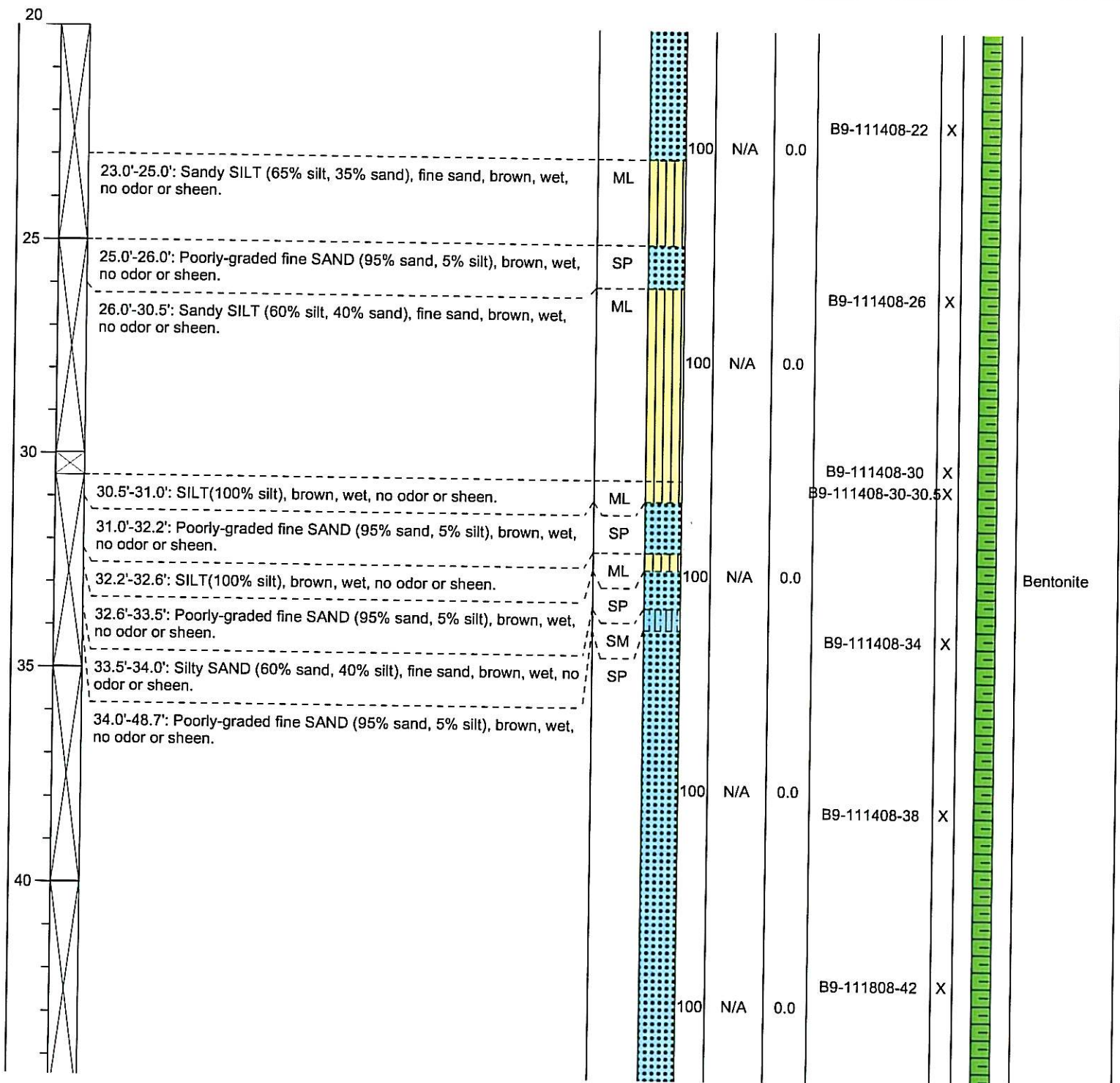
Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325889364 Y: -122.195861273



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Detailse
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Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

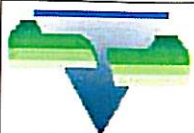
Annular Seal: NA

Ground Surface Elevation (ft): NA

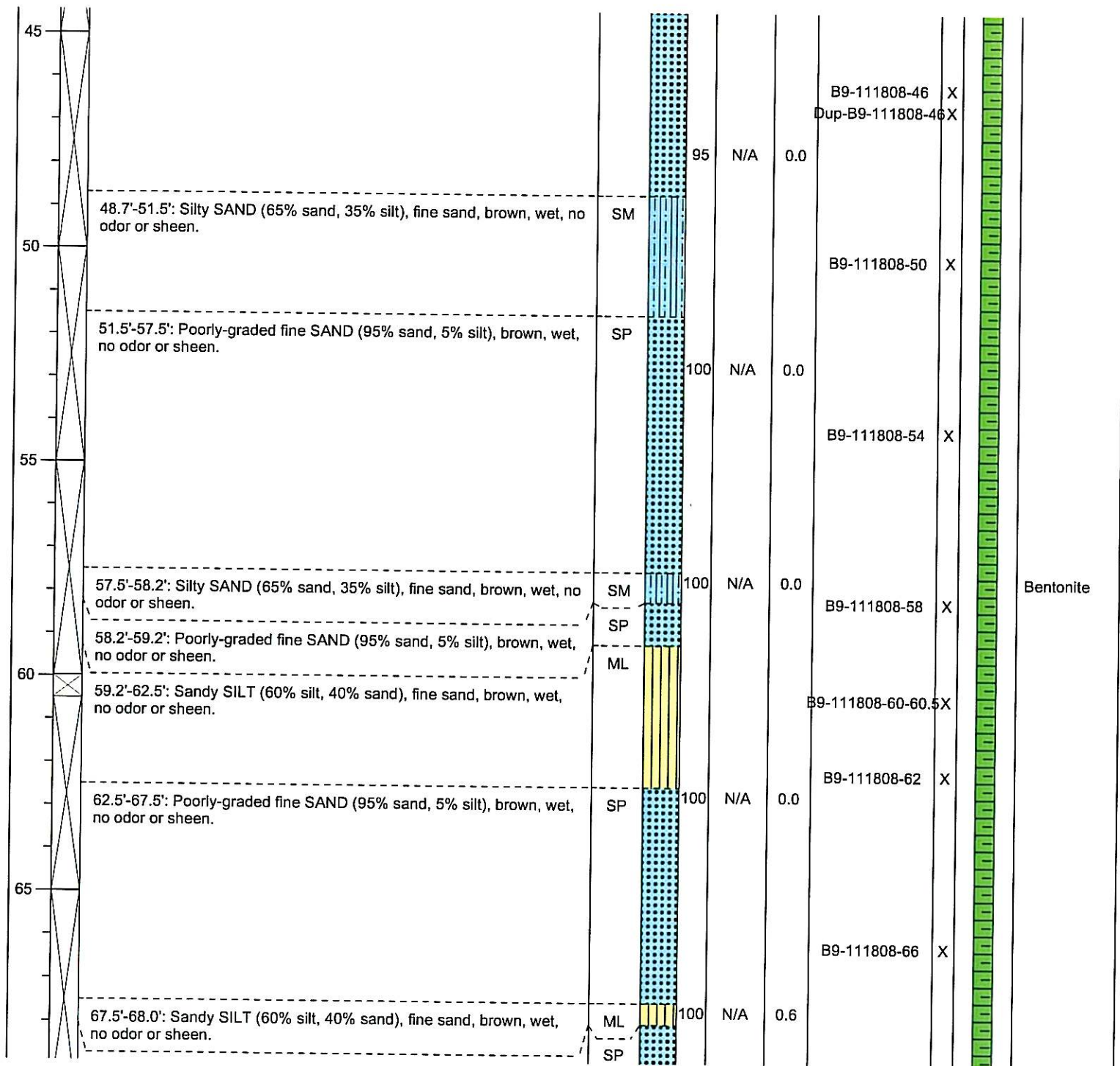
Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325889364 Y: -122.195861273



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
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Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA



Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325889364 Y: -122.195861273

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B9**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Detailse
70		68.0'-70.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.								Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325889364 Y: -122.195861273



FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: B10

Page 1 of 4

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started: 11/20/2008 11:50
Date/Time Completed: 11/21/2008 14:05
Equipment: Geoprobe 6600
Drilling Company: Cascade Drilling
Drilling Foreman: Kasey Goble
Drilling Method: Direct-push

Sampler Type: Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 8.0
Total Boring Depth (ft bgs): 70' bgs
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-4": Organic, grass, Sandy SILT (65% silt, 35% sand), fine sand, brown, moist, no odor, slight monochromatic (white) sheen.	OL							Grass plug
		4"-2.5': Poorly-graded fine SAND (95% sand, 5% silt), fine sand, light-brown, moist, no odor or sheen.	SP							
		2.5'-3.0': Sandy SILT (60% silt, 40% sand), fine sand, brown, moist, no odor or sheen. Observed red-oxides b/w 2.5 to 3.0' bgs.	ML		100	N/A	0.0			
		3.0'-6.0': Poorly-graded fine SAND (95% sand, 5% silt), fine sand, brown, moist, no odor or sheen.	SP							Bentonite
5		6.0'-9.5': Sandy SILT (60% silt, 40% sand), fine sand, light-brown, moist to wet, no odor or sheen. Observed water at 8.0' bgs..	ML		100	N/A	0.0	B10-112008-8	X	Initial water level
10		9.5'-41.0': Poorly-graded fine SAND (95% sand, 5% silt), fine sand, brown, wet, no odor or sheen.	SP		100	N/A	0.0	B10-112008-12	X	
15					100	N/A	0.0	B10-112008-16	X	
20					100	N/A	0.0			

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

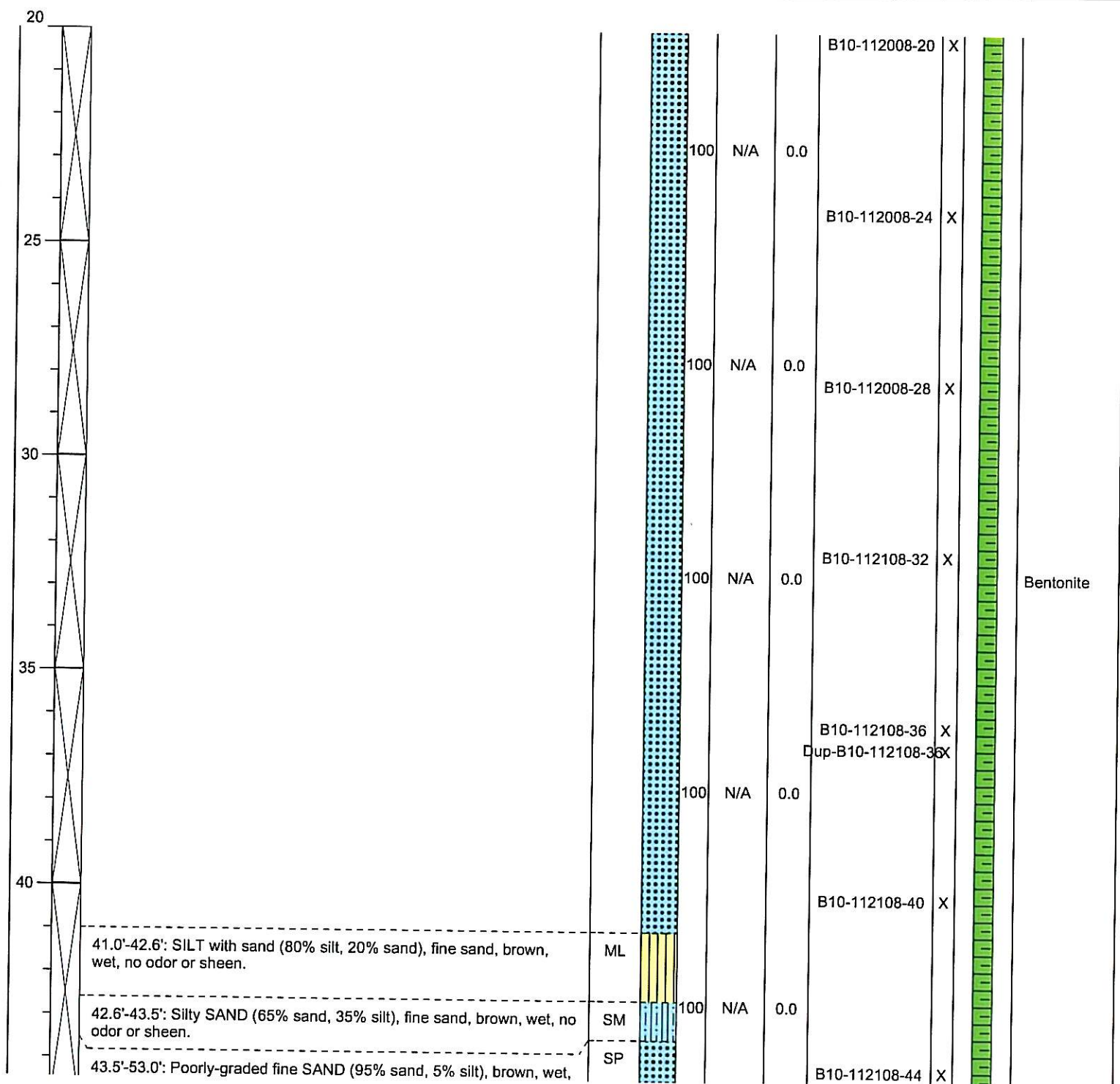
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330236411 Y: -122.200257281

[illegible]

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330236411 Y: -122.200257281



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
45		no odor or sheen.								
						100	N/A	0.0	B10-112108-48	X
50										
						100	N/A	0.0	B10-112108-52	X
	53.0'-53.8':	Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
	53.8'-56.5':	Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
55										
	56.5'-57.2':	Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
	57.2'-58.5':	Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP			100	N/A	0.0	B10-112108-56	X
	58.5'-63.0':	Silty SAND (60% sand, 40% silt), fine sand, brown, wet, no odor or sheen.	SM							
60										
	63.0'-65.0':	Sandy SILT (65% silt, 35% sand), fine sand, brown, wet, no odor or sheen.	ML			100	N/A	0.0	B10-112108-60	X
	65.0'-70.0':	Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
65										
						100	N/A	0.0	B10-112108-64	X
						100	N/A	0.0		

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

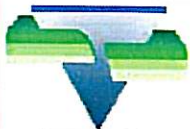
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330236411 Y: -122.200257281

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B10**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

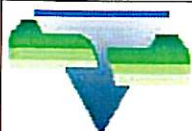
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330236411 Y: -122.200257281



FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: B11

Page 1 of 4

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Date/Time Started: 11/19/2008 7:55
Date/Time Completed: 11/20/2008 11:10
Equipment: Geoprobe 6600
Drilling Company: Cascade Drilling
Drilling Foreman: Kasey Goble
Drilling Method: Direct-push

Sampler Type: Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 8.0' bgs
Total Boring Depth (ft bgs): 70' bgs
Total Well Depth (ft bgs): NA

Farallon PN: 457-004

Logged By: Ken Scott

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-6": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		6"-4.0': Silty SAND (70% sand, 20% silt, 10% gravel), fine sand and gravel, brown, moist, no odor or sheen.	SM							
					100	N/A	0.0			
5		4.0'-9.0': SILT with sand (80% silt, 20% sand), fine sand, light-brown, moist to wet, no odor or sheen. Observed water at 8.0' bgs, and red-oxides b/w 7 to 9' bgs.	ML							Bentonite
					100	N/A	0.0			
		9.0'-10.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP					B11-111908-8	X	Initial water level
10		10.0'-10.9': SILT, minor sand (90% silt, 10% sand), fine sand, light-brown, wet, no odor or sheen.	ML							
		10.9'-11.6': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
			SP					B11-111908-12	X	
		11.6'-29.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.			100	N/A	0.0			
15										
					100	N/A	0.0	B11-111908-16	X	
20										

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

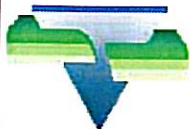
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325981700 Y: -122.200244632

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B11**

Page 2 of 4

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20								B11-111908-20	X	
								Dup-B11-111908-20	X	
						100	N/A	0.0		
25								B11-111908-24	X	
						90	N/A	0.0		
								B11-111908-28	X	
30		29.0'-31.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
		31.5'-32.3': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					B11-111908-32	X	
		32.3'-33.2': SILT (90% silt, 10% sand), fine sand, brown, wet, no odor or sheen.	ML		95	N/A	0.0			
			SM							
35		33.2'-34.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.								
		34.5'-47.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					B11-111908-36	X	
						80	N/A	0.0		
		Observed a small chunk of wood debris at 38.5' bgs.								
40								B11-111908-40	X	
						100	N/A	0.0		
								B11-111908-44	X	

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

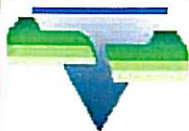
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325981700 Y: -122.200244632



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
45										
		47.5'-47.9': Silty SAND (60% sand, 40% silt), fine sand, brown, wet, no odor or sheen.	SM		95	N/A	0.0	B11-111908-48	X	
		47.9'-53.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
50										
		53.0'-54.2': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM		100	N/A	0.0	B11-112008-52	X	
		54.2'-56.0': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor or sheen.	ML							
55										
		56.0'-56.8': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor or sheen.	ML					B11-112008-56	X	
		56.8'-59.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM		100	N/A	0.0			Bentonite
60										
		59.5'-66.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor, no sheen.	SP					B11-112008-60 Dup-B11-112008-60X	X	
					100	N/A	0.0			
65										
		66.0'-66.7': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
		66.7'-70.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor, no sheen.	SP		100	N/A	0.0	B11-112008-64	X	

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

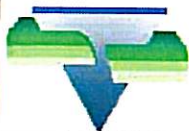
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325981700 Y: -122.200244632

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B11**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.325981700 Y: -122.200244632

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started:	12/08/2008 9:05	Sampler Type:	Macrocore 60-inch
Date/Time Completed:	12/09/2008 10:15	Drive Hammer (lbs.):	NA
Equipment:	Geoprobe 6600	Depth of Water ATD (ft bgs):	7.25' bgs
Drilling Company:	Cascade Drilling	Total Boring Depth (ft bgs):	70' bgs
Drilling Foreman:	Kasey Goble	Total Well Depth (ft bgs):	NA
Drilling Method:	Direct-push		

Depth (feet bgs.)	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	0-11": Poorly-graded GRAVEL with sand (80% gravel, 15% sand, 5% silt), coarse gravel, fine to medium sand, gray gravel/brown soil, moist, no odor or sheen. Observed coarse angular granite gravel.	GP	[Graphic]						Gravel cap
	11"-1.3': SILT (95% silt, 5% sand), fine sand, dark-brown, moist, no odor or sheen.	ML	[Graphic]						
	1.3'-6.0': SILT (100% silt), tan, moist, no odor or sheen. Observed red-oxides b/w 2.5' to 6.0' bgs.	ML	[Graphic]	100	N/A	0.0			
5	6.0'-7.5': Poorly-graded SAND with silt (90% sand, 10% silt), fine sand, black, moist to wet, no odor or sheen. Observed water at 7.25' bgs.	SP	[Graphic]						
	7.5'-10.5': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP	[Graphic]	100	N/A	0.0	B12-120808-8	X	Initial water level
10	10.5'-11.5': SILT with sand (80% silt, 20% sand), fine sand, tan, wet, no odor or sheen.	ML	[Graphic]						
	11.5'-30.5': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP	[Graphic]	100	N/A	0.0	B12-120808-12	X	
15							B12-120808-16	X	
20				100	N/A	0.0			

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: N/A

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330087036 Y: -122.195593404

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B12**

Page 2 of 4

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20								B12-120808-20 Dup-B12-120808-20	X X	
						90	N/A	0.0		
25								B12-120808-24	X	
						80	N/A	0.0		
								B12-120808-28	X	
30										
		30.5'-30.8': SILT (95% silt, 5% sand), fine sand, light-brown, wet, no odor or sheen.	ML							
		30.8'-31.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
		31.5'-32.5': Silty SAND (80% sand, 20% silt), fine sand, brown, wet, no odor or sheen.	SP			90	N/A	0.0	B12-120808-32	X
		32.5'-33.0': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
35		33.0'-35.0': Poorly-graded fine SAND with silt (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
		35.0'-37.0': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM						B12-120808-36	X
		37.0'-37.7': SILT (95% silt, 5% sand), fine sand, brown, wet, no odor or sheen.	ML			100	N/A	0.0		
		37.7'-38.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
40		38.5'-41.0': SILT with sand (75% silt, 25% sand), fine sand, brown, wet, no odor or sheen.	ML						B12-120808-40	X
		41.0'-49.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM			100	N/A	0.0		
								B12-120808-44	X	

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: N/A

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330087036 Y: -122.195593404

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring:B12**

Page 3 of 4

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
45										
					100	N/A	0.0	B12-120808-48	X	
50		49.5'-50.5': SILT (95% silt, 5% sand), fine sand, brown, wet, no odor or sheen.	ML							
		50.5'-51.7': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
		51.7'-52.4': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					B12-120808-52	X	
		52.4'-53.5': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor or sheen.	ML		100	N/A	0.0			
			SP							
55		53.5'-56.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.								
		56.0'-57.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM					B12-120908-56 Dup-B12-120908-56X	X	
		57.5'-62.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0			Bentonite
60								B12-120908-60	X	
		62.5'-63.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM		100	N/A	0.0			
		63.5'-64.5': SILT (90% silt, 10% sand), fine sand, brown, wet, no odor or sheen.	ML					B12-120908-64	X	
65		64.5'-69.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0			

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: N/A

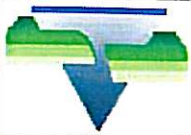
Annular Seal: NA



Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330087036 Y: -122.195593404



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70		69.5'-70.0': SILT (100% silt), brown, wet, no odor or sheen.	ML							Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: N/A

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330087036 Y: -122.195593404

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B13**

Page 1 of 4

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA**Farallon PN:** 457-004**Logged By:** Ken Scott**Date/Time Started:** 12/01/2008 8:00
Date/Time Completed: 12/02/2008 12:20
Equipment: Geoprobe 6600
Drilling Company: Cascade Drilling
Drilling Foreman: Kasey Goble
Drilling Method: Direct-push**Sampler Type:** Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 11.0' bgs
Total Boring Depth (ft bgs): 70' bgs
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-6": Asphalt, black, dry, odor and sheen.								Asphalt cap
		6"-2.8': Poorly-graded fine SAND (95% sand, 5% silt), tan, moist, no odor or sheen.	SP							
		2.8'-6.0': Poorly-graded SAND with silt and gravel (60% sand, 30% gravel, 10% silt), fine gravel and sand, dark-brown, moist, no odor or sheen.	SP-SM		100	N/A	0.0			
5		6.0'-7.0': Poorly-graded fine SAND (95% sand, 5% silt), light-brown, moist, no odor or sheen.	SP							
		7.0'-10.5': SILT (95% silt, 5% sand), fine sand, light brown, moist, no odor or sheen.	ML		100	N/A	0.0			
10		10.5'-11.5': Poorly-graded fine SAND (95% sand, 5% silt), tan, moist to wet, no odor or sheen. Observed water at 11.0' bgs.	SP					B13-120108-10	X	
		11.5'-12.8': Silty SAND (80% sand, 20% silt), fine sand, tan, wet, no odor or sheen. Observed red-oxides b/w 12.6' to 12.8' bgs.	SM		100	N/A	0.0			
		12.8'-13.2': Silty SAND (80% sand, 20% silt), brown, wet, no odor or sheen.	SP							
15		13.2'-16.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP					B13-120108-14	X	
		16.0'-16.5': SILT (100% silt), light-brown, wet, no odor or sheen.	ML					B13-120108-15-15.5	X	
		16.5'-25.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP		90	N/A	0.0	B13-120108-18	X	
20										

Initial water level

Monument Type: NA**Casing Diameter (inches):** 2-inch**Screen Slot Size (inches):** 0.004**Screened Interval (ft bgs):** 4' intervals**Well Construction Information****Filter Pack:** NA**Surface Seal:** Asphalt**Annular Seal:** NA**Ground Surface Elevation (ft):** NA**Top of Casing Elevation (ft):** NA**Boring Abandonment:** Bentonite**Surveyed Location:** X: 47.330060754 Y: -122.195112269



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20										
					95	N/A	0.0	B13-120108-22 Dup-B13-120108-22X	X	
25		25.0'-32.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0	B13-120108-26	X	
30										
								B13-120108-30 B13-120108-30-30.5X	X	
		32.5'-33.7': SILT (100% silt), light-brown, wet, no odor or sheen.	ML		100	N/A	0.0			Bentonite
		33.7'-34.7': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					B13-120108-34	X	
35		34.7'-35.3': SILT (95% silt, 5% sand), fine sand, light brown, wet, no odor or sheen.	ML							
		35.3'-41.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0	B13-120108-38	X	
40										
		41.5'-41.7': SILT (100% silt), light-brown, wet, no odor or sheen.	ML					B13-120108-42	X	
		41.7'-42.5': Sandy SILT (65% silt, 35% sand), fine sand, light-brown, wet, no odor or sheen.	SM		100	N/A	0.0			
		42.5'-47.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330060754 Y: -122.195112269



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
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45								B13-120108-46	X	
		47.5'-48.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM		100	N/A	0.0			
		48.5'-52.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					B13-120208-50	X	
50										
		52.0'-52.5': Silty SAND (60% sand, 40% silt), fine sand, brown, wet, no odor or sheen.	SM		100	N/A	0.0			
		52.5'-53.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
		53.5'-53.9': SILT (100% silt), brown, wet, no odor or sheen.	SP					B13-120208-54	X	
55										
		53.9'-56.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.								
		56.5'-56.8': Sandy SILT (65% silt, 35% sand), fine sand, brown, wet, no odor or sheen.	SM							
		56.9'-57.2': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0	B13-120208-58	X	
		57.2'-57.7': SILT with sand (80% silt, 20% sand), fine sand, brown, wet, no odor or sheen.	ML					Dup-B13-120208-58	X	
60										
		57.7'-66.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					B13-120208-60-60.5	X	
								B13-120208-62	X	
65										
		66.0'-66.4': SILT (100% silt), brown, wet, no odor or sheen.	ML					B13-120208-66	X	
		66.4'-70.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0			

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

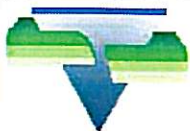
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330060754 Y: -122.195112269



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330060754 Y: -122.195112269

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started:	12/04/2008 12:05	Sampler Type:	Macrocore 60-inch
Date/Time Completed:	12/05/2008 14:30	Drive Hammer (lbs.):	NA
Equipment:	Geoprobe 6600	Depth of Water ATD (ft bgs):	7.25' bgs
Drilling Company:	Cascade Drilling	Total Boring Depth (ft bgs):	70' bgs
Drilling Foreman:	Kasey Goble	Total Well Depth (ft bgs):	NA
Drilling Method:	Direct-push		

Depth (feet bgs.)	Lithologic Description		USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0-6": Asphalt, black, dry, odor and sheen.	AC									Asphalt cap
6"-1.0': Silty SAND (60% sand, 40% silt), fine sand, dark-brown, moist, no odor or sheen.	SM									
1.0'-6.5': SILT (90% silt, 10% sand), fine sand, light-brown, moist, no odor or sheen.	ML									
		100	N/A	0.0	B14-120408-2	X				
										Bentonite
					B14-120408-5	X				
6.5'-8.5': Silty SAND (65% sand, 35% silt), fine sand, tan, moist to wet, no odor or sheen. Observed red-oxides b/w 6.8' to 7.5' bgs.	SM									
		100	N/A	0.0	B14-120408-7	X				Initial water level
					B14-120408-8	X				
8.5'-10.5': Poorly-graded fine SAND (95% sand, 5% silt), fine sand, black, wet, no odor or sheen.	SP									
10.5'-11.0': Silty SAND (60% sand, 40% silt), fine sand, brown, wet, no odor or sheen.	SM									
11.0'-33.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen. Observed red-oxides b/w 12.5' to 12.75' bgs. Observed wood-debris in sampler.	SP									
		100	N/A	0.0	B14-120408-12	X				
					B14-120408-16	X				
		100	N/A	0.0						

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330146258 Y: -122.194828214



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20								B14-120408-20	X	
					100	N/A	0.0			
25								B14-120408-24	X	
					100	N/A	0.0			
30								B14-120508-28	X	
					100	N/A	0.0			
33.0'-42.5': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor or sheen.			ML		100	N/A	0.0	B14-120508-32	X	Bentonite
35								B14-120508-36	X	
					100	N/A	0.0			
40								B14-120508-40	X	
		42.5'-45.5': SILT, minor sand (90% silt, 10% sand), fine sand, brown, wet, no odor or sheen.	ML		100	N/A	0.0			
								B14-120508-44	X	

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330146258 Y: -122.194828214



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
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45								Dup-B14-120508-44X		
		45.5'-51.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP		100	N/A	0.0	B14-120508-48	X	
50										
		51.0'-53.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM		100	N/A	0.0	B14-120508-52	X	
		53.5'-54.2': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
55		54.2'-55.5': SILT (90% silt, 10% sand), fine sand, brown, wet, no odor or sheen.	ML							
		55.0'-58.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM		100	N/A	0.0	B14-120508-56	X	
		58.5'-61.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
60								B14-120508-60	X	
		61.0'-62.8': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM							
		62.8'-67.0': SILT (90% silt, 10% sand), fine sand, brown, wet, no odor or sheen.	ML		100	N/A	0.0			
65								B14-120508-64	X	
		67.0'-67.7': SILT (95% silt, 5% sand), fine sand, brown, wet, no odor or sheen.	ML		100	N/A	0.0			
		67.7'-70.0': Sandy SILT (65% silt, 35% sand), fine sand, brown, wet,	ML							

Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

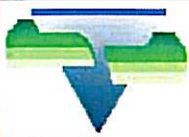
Annular Seal: NA

Ground Surface Elevation (ft): NA



Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330146258 Y: -122.194828214

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring: B14**

Page 4 of 4

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70		no odor or sheen.								Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

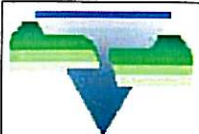
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330146258 Y: -122.194828214



FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: B15

Page 1 of 4

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started: 12/02/2008 13:30
Date/Time Completed: 12/04/2008 11:40
Equipment: Geoprobe 6600
Drilling Company: Cascade Drilling
Drilling Foreman: Kasey Goble
Drilling Method: Direct-push

Sampler Type: Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 7.5' bgs
Total Boring Depth (ft bgs): 70' bgs
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-6": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		6"-1.2': Poorly-graded fine SAND (95% sand, 5% silt), fine sand, tan, moist, no odor, slight monochromatic (white) sheen.	SP							
		1.2'-1.8': Sandy SILT (65% silt, 35% sand), fine sand, dark-brown, moist, no odor or sheen.	ML							
		1.8'-4.0': Silty SAND (80% sand, 20% silt), light-brown, moist, no odor or sheen.	SP		100	N/A	0.0	B15-120208-2	X	
		4.0'-5.5': SILT (90% silt, 10% sand), fine sand, light-brown, moist, no odor or sheen.	ML							
		5.5'-6.5': Silty SAND (60% sand, 40% silt), fine sand, brown, moist, no odor or sheen.	SM					B15-120208-5	X	
		6.5'-7.5': SILT with sand (75% silt, 25% sand), fine sand, light-brown, moist to slightly wet, no odor, slight monochromatic (white) sheen. Observed water at 7.5' bgs, and red-oxides b/w 6.5' to 7.5' bgs.	ML							
		7.5'-17.5': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen. Observed red-oxides b/w 7.5 to 8.5' bgs.	SP		100	N/A	0.0	B15-120208-7	X	
								B15-120208-8	X	Initial water level
								B15-120208-12	X	
					100	N/A	0.0			
								B15-120308-16	X	
		17.5'-17.9': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM		90	N/A	0.0			
		17.9'-19.2': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP							
			ML							
20										

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

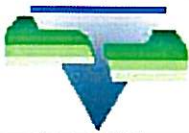
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330150272 Y: -122.195017256



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20		19.2'-19.4': SILT (100% silt), light-brown, wet, no odor or sheen.	SP					B15-120308-20	X	
		19.4'-26.5': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.								
					100	N/A	0.0			
								B15-120308-24	X	
25										
		26.5'-27.0': SILT (100% silt), light-brown, wet, no odor or sheen.	ML							
		27.0'-31.8': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP					B15-120308-28	X	
					100	N/A	0.0			
30										
		31.8'-32.0': SILT with sand (80% silt, 20% sand), fine sand, light-brown, wet, no odor or sheen.	ML					B15-120308-32	X	
		32.0'-37.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP					Dup-B15-120308-32	X	
					100	N/A	0.0			
										Bentonite
35										
								B15-120308-36	X	
		37.0'-37.4': SILT (95% silt, 5% sand), fine sand, light-brown, wet, no odor or sheen.	ML							
		37.4'-40.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0			
40										
								B15-120308-40	X	
		40.5'-41.2': SILT with sand (80% silt, 20% sand), fine sand, brown, wet, no odor, no sheen.	ML							
		41.2'-42.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0			
		42.5'-44.0': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor or sheen.	ML							
			SP					B15-120308-44	X	

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

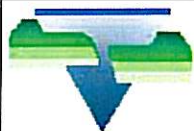
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330150272 Y: -122.195017256



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
45		44.0'-47.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.								
		47.0'-47.8': SILT with sand (80% silt, 20% sand), fine sand, brown, wet, no odor, no sheen.	ML		100	N/A	0.0	B15-120308-48	X	
		47.8'-52.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
50		52.0'-53.2': SILT with sand (80% silt, 20% sand), fine sand, brown, wet, no odor, no sheen.	ML		100	N/A	0.0	B15-120408-52	X	
		53.2'-59.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
55								B15-120408-56	X	
					100	N/A	0.0			Bentonite
60		59.5'-60.8': SILT, minor sand (90% silt, 10% sand), fine sand, brown, wet, no odor or sheen.	ML					B15-120408-60	X	
		60.8'-63.2': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0			
		63.2'-63.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor or sheen.	SM					B15-120408-64	X	
65		63.5'-70.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP							
					100	N/A	0.0			

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

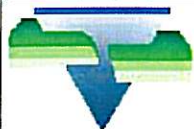
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330150272 Y: -122.195017256

**FARALLON CONSULTING**975 5th Avenue Northwest
Issaquah, WA 98027**Log of Boring:B15**

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Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

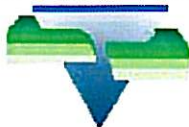
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330150272 Y: -122.195017256



FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: B16

Page 1 of 4

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started: 11/11/2008 12:00
Date/Time Completed: 11/12/2008 13:30
Equipment: Geoprobe 6600
Drilling Company: Cascade Drilling
Drilling Foreman: Kasey Goble
Drilling Method: Direct-push

Sampler Type: Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 7.5' bgs
Total Boring Depth (ft bgs): 70' bgs
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-4": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		4"-1.5': Poorly-graded fine SAND (95% sand, 5% silt), gray, moist, no odor or sheen.	SP							
		1.5'-2.5': SILT (100% silt), dark-brown, moist, no odor or sheen.	ML							
		2.5'-3.4': Poorly-graded fine SAND (95% sand, 5% silt), brown, moist, no odor or sheen.	SP		100	N/A	0.0			
		3.4'-7.5': Sandy SILT (65% silt, 35% sand), fine sand, light-brown, moist to wet, no odor or sheen. Observed water at 7.5' bgs, and red-oxides b/w 6.5 to 7.5' bgs.	ML							Bentonite
5										
		7.5'-8.5': SILT with sand (80% silt, 20% sand), fine sand, gray, wet, no odor or sheen.	ML		100	N/A	0.0	B16-111108-8	X	Initial water level
		8.5'-26.5': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP							
10										
					100	N/A	0.0	B16-111108-12	X	
15										
								B16-111108-16	X	
								Dup-B16-111108-16	X	
20					100	N/A	0.0			

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

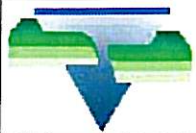
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330353867 Y: -122.194840773



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20								B16-111108-20	X	
						100	N/A	0.0		
25								B16-111108-24	X	
		26.5'-27.4': Silty SAND (60% sand, 40% silt), fine sand, brown, wet, no odor or sheen.	SM							
		27.4'-45.5': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP			100	N/A	0.0		
								B16-111108-28	X	
30										
						100	N/A	0.0		
								B16-111208-32	X	
35										Bentonite
								B16-111208-36	X	
						100	N/A	0.0		
40										
								B16-111208-40	X	
						100	N/A	0.0		
								B16-111208-44	X	

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

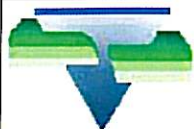
Surveyed Location: X: 47.330353867 Y: -122.194840773



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[illegible]

Monument Type: NA		Well Construction Information		Ground Surface Elevation (ft): NA
Casing Diameter (inches):	2-inch	Filter Pack:	NA	Top of Casing Elevation (ft): NA
Screen Slot Size (inches):	0.004	Surface Seal:	Asphalt	Boring Abandonment: Bentonite
Screened Interval (ft bgs):	4' intervals	Annular Seal:	NA	Surveyed Location: X: 47.330353867 Y: -122.194840773



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70										Bentonite

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

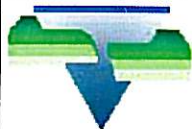
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330353867 Y: -122.194840773



FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: B17

Page 1 of 4

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started: 11/10/2008 8:20
Date/Time Completed: 11/11/2008 11:30
Equipment: Geoprobe 6600
Drilling Company: Cascade Drilling
Drilling Foreman: Kasey Goble
Drilling Method: Direct-push

Sampler Type: Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 8.0' bgs
Total Boring Depth (ft bgs): 70' bgs
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-4": Asphalt, black, dry, odor and sheen.	AC							Asphalt cap
		4"-1.0': Poorly-graded fine SAND (95% sand, 5% silt), tan, moist, no odor or sheen.	SP							
		1.0'-1.8': SILT (100% silt), dark brown, moist, no odor or sheen.	ML							
		1.8'-7.5': SILT with sand (80% silt, 20% sand), fine sand, tan, moist, no odor or sheen.	ML		100	N/A	0.2			
5										Bentonite
		7.5'-24.0': Poorly-graded fine SAND (95% sand, 5% silt), black, moist to wet, no odor or sheen. Observed water at 8.0' bgs.	SP		100	N/A	4.5	B17-111008-8	X	Initial water level
10										
					100	N/A	13.7	B17-111008-12	X	
15										
								B17-111008-15-15.5	X	
								B17-111008-16	X	
					100	N/A	66.3			
20										

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

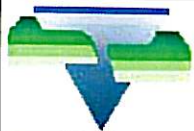
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

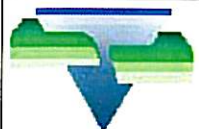
Boring Abandonment: Bentonite

Surveyed Location: X: 47.330430687 Y: -122.194902296



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
20								B17-111008-20	X	
						100	N/A	116		
24.0'-25.0'		Sandy SILT (65% silt, 35% sand), fine sand, brown, wet, sweet odor, no sheen.	ML					B17-111008-24	X	
25.0'-26.5'		Poorly-graded fine SAND (95% sand, 5% silt), black, wet, slight sweet odor, no sheen.	SP							
26.5'-28.2'		Sandy SILT (65% silt, 35% sand), fine sand, brown, wet, sweet odor, no sheen.	ML			100	N/A	306		
28.2'-51.0'		Poorly-graded fine SAND (95% sand, 5% silt), black, wet, sweet odor, no sheen.	SP					B17-111008-28	X	
30								B17-111008-30-30.5	X	
						100	N/A	218		Bentonite
								B17-111008-32	X	
						100	N/A	191		
								B17-111008-36	X	
						100	N/A	122		
								B17-111008-40 Dup-B17-111008-40	X X	
						100	N/A			
								B17-111008-44	X	

Well Construction Information			
Monument Type: NA	Filter Pack: NA	Ground Surface Elevation (ft):	NA
Casing Diameter (inches): 2-inch	Surface Seal: Asphalt	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches): 0.004	Annular Seal: NA	Boring Abandonment:	Bentonite
Screened Interval (ft bgs): 4' intervals		Surveyed Location: X: 47.330430687 Y: -122.194902296	



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
45										
					100	N/A	78.1	B17-111008-48	X	
50		51.0'-53.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, sweet odor, no sheen.	SM		100	N/A	63.3	B17-111108-52	X	
		53.5'-56.5': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, sweet odor, no sheen.	SP					B17-111108-56	X	
55		56.5'-58.5': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor, no sheen.	ML		100	N/A	0.0			Bentonite
		58.5'-63.0': Poorly-graded fine SAND with silt (90% sand, 10% silt), brown, wet, no odor or sheen.	SP					B17-111108-60	X	
60								B17-111108-60-60.5	X	
		63.0'-63.8': Sandy SILT (60% silt, 40% sand), fine sand, brown, wet, no odor, no sheen.	ML		100	N/A	0.0			
		63.8'-68.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.	SP					B17-111108-64	X	
65										
		68.0'-68.5': Silty SAND (65% sand, 35% silt), fine sand, brown, wet, no odor, no sheen.	SM		100	N/A	0.0	B17-111108-68	X	

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Asphalt

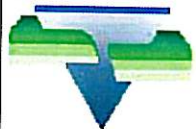
Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

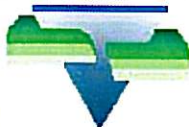
Boring Abandonment: Bentonite

Surveyed Location: X: 47.330430687 Y: -122.194902296



Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Well Construction Details
70		68.5'-70.0': Poorly-graded fine SAND (95% sand, 5% silt), brown, wet, no odor or sheen.		SP						Bentonite

Well Construction Information					
Monument Type: NA		Filter Pack: NA	Ground Surface Elevation (ft): NA		
Casing Diameter (inches):	2-inch		Top of Casing Elevation (ft): NA		
Screen Slot Size (inches):	0.004	Surface Seal: Asphalt	Boring Abandonment: Bentonite		
Screened Interval (ft bgs):	4' intervals	Annular Seal: NA	Surveyed Location: X: 47.330430687 Y: -122.194902296		



FARALLON CONSULTING
975 5th Avenue Northwest
Issaquah, WA 98027

Log of Boring: B18

Page 1 of 1

Client: Capital Industries Inc.
Project: Capital Industries Inc.
Location: Seattle, WA

Farallon PN: 457-004

Logged By: Ken Scott

Date/Time Started: 12/09/2008 10:45
Date/Time Completed: 12/09/2008 12:30
Equipment: Geoprobe 6600
Drilling Company: Cascade Drilling
Drilling Foreman: Kasey Goble
Drilling Method: Direct-push

Sampler Type: Macrocore 60-inch
Drive Hammer (lbs.): NA
Depth of Water ATD (ft bgs): 7.75' bgs
Total Boring Depth (ft bgs): 15' bgs
Total Well Depth (ft bgs): NA

Depth (feet bgs.)	Sample Interval	Lithologic Description	USCS	USGS Graphic	% Recovery	Blow Counts 8/8/8	PID (units)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0-3": Concrete, white, dry, no odor or sheen.	CO							Concrete cap
		3"-2.5': Poorly-graded fine SAND with gravel (70% sand, 20% gravel, 5% silt), fine to medium sand, fine gravel, tan, moist, no odor, no sheen. Observed subangular to subrounded granite gravel.	SP							
		2.5'-3.2': Poorly-graded fine SAND (95% sand, 5% silt), tan, moist, no odor or sheen.	SP		100	N/A	0.0	B18-120908-2	X	
		3.2'-3.7': SILT (95% silt, 5% sand), fine sand, dark-brown, moist, no odor or sheen.	ML							Bentonite
5		3.7'-5.5': SILT (100% silt), light-brown, moist, no odor or sheen. Observed red-oxides b/w 4.5' to 7.0' bgs.	ML					B18-120908-5	X	
		5.5'-5.8': Silty SAND (80% sand, 20% silt), gray, moist, no odor or sheen.	SP							
		5.8'-9.0': SILT (95% silt, 5% sand), fine sand, light-brown, moist to wet, no odor or sheen.	ML		100	N/A	0.0	B18-120908-7	X	
								Dup-B18-120908-7	X	
								B18-120908-8	X	Initial water level
10		9.0'-11.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP							
		11.0'-11.4': GRAVEL with sand (80% gravel, 15% sand, 5% silt), fine gravel and sand, gray, wet, no odor or sheen.	GP							
		11.4'-15.0': Poorly-graded fine SAND (95% sand, 5% silt), black, wet, no odor or sheen.	SP		100	N/A	0.0			Bentonite
15										

Monument Type: NA

Casing Diameter (inches): 2-inch

Screen Slot Size (inches): 0.004

Screened Interval (ft bgs): 4' intervals

Well Construction Information

Filter Pack: NA

Surface Seal: Concrete

Annular Seal: NA

Ground Surface Elevation (ft): NA

Top of Casing Elevation (ft): NA

Boring Abandonment: Bentonite

Surveyed Location: X: 47.330234151 Y: -122.194731409

**ATTACHMENT B
LABORATORY ANALYTICAL REPORTS
(IN ELECTRONIC FORMAT ON COMPACT DISC)**

DRAFT TIER 1 RECONNAISSANCE SAMPLING RESULTS
Capital Industries
Seattle, Washington

Farallon PN: 457-004

DRAFT – Issued for Agency Review