at&t

Daniel V. James
175 E. Houston, 7-G-10
San Antonio, TX 78205

T: 210-351-2104
F: 214-486-8111
dan.james@att.com

August 7, 2006

Mr. Don Hwang
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

RE: AT&T Maintenance Facility, 1189, 58th Avenue, Oakland California.

Dear Mr. Hwang:

Attached for your review and comment is a copy of the report entitled ***Site Conceptual Model and Sensitive Receptor Survey,*** dated August 9, 2006, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and summarizes the review of geological, hydrogeological and analytical data and the observations made during the site reconnaissance of the subject site.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached work plan are true and correct to the best of my knowledge.

If you have any questions or comments, please contact Louise Delano at 214-464-1469.

Sincerely,

Daniel V. James
Assistant Treasurer
Pacific Bell Telephone Company

Attachment: ERI's Site Conceptual Model and Sensitive Receptor Survey, dated August 9, 2006.

cc: Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region (w/ attachment)
Mr. Glenn L. Matteucci, Environmental Resolutions, Inc. (w/o attachment)
Ms. Louise Delano, AT&T Services Environmental Management (w/o attachment)

ERI

ENVIRONMENTAL RESOLUTIONS, INC.

TRANSMITTAL

TO: Mr. Don Hwang
Hazardous Material Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

DATE: August 9, 2006
PROJECT NUMBER: 26730301
SUBJECT: AT&T Maintenance Facility
1189 58th Avenue, Oakland,
California

FROM: Mr. Glenn L. Matteucci
TITLE: Project Manager

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	August 9, 2006	Site Conceptual Model and Sensitive Receptor Survey

THESE ARE TRANSMITTED as checked below:

[ ] For review and comment	[ ] Approved as submitted	[ ] Resubmit __ copies for approval
[ ] As requested	[ ] Approved as noted	[ ] Submit__ copies for distribution
[X] For approval	[ ] Return for corrections	[ ] Return __ corrected prints
[X] For your files	[ ] For distribution to regulatory agencies	

REMARKS: At the request of AT&T Environmental Management (AT&T), Environmental Resolutions, Inc. (ERI) is forwarding one copy of the above-referenced document. Please call me at (707) 766-2000 with any questions or comments.

Glenn L. Matteucci, Project Manager

cc: Ms. Louise Delano, AT&T Environmental Management
Mr. James Stehr, AT&T
1 copy to ERI project file 26730301

ENVIRONMENTAL RESOLUTIONS, INC.

SITE CONCEPTUAL MODEL AND SENSITIVE RECEPTOR SURVEY
AT&T Oakland Maintenance Facility
1189 58th Avenue
Oakland, California

Prepared For:

AT&T Services, Inc. Environmental Management
303 South Akard Street, Room 900
Dallas, Texas 75202

Prepared By:

Environmental Resolutions, Inc.
601 North McDowell Boulevard
Petaluma, California 94954

Glenn A. Matteucci
Project Manager

John B. Bobbitt, P.G. 4313

PROFESSIONAL GEOLOGIST
JOHN BAILEY BOBBITT
No. 4313
EXP. 4-30-08
STATE OF CALIFORNIA

Environmental Resolutions, Inc. Project No. 267303.R01
August 9, 2006

ENVIRONMENTAL RESOLUTIONS, INC.

August 9, 2006
ERI 267303.R01

Ms. Louise Delano, P.G.
Manager
AT&T Services, Inc.
Environmental Management
308 South Akard, Room 900
Dallas, Texas 75202

SUBJECT: Site Conceptual Model and Sensitive Receptor Survey
AT&T Maintenance Facility
1189 58th Avenue, Oakland, California.

Ms. Delano:

At the request of AT&T Services, Inc. Environmental Management (AT&T), Environmental Resolutions, Inc. (ERI) has compiled and reviewed the geological, hydrogeological, and analytical data for the subject site; performed a site reconnaissance; and prepared this Site Conceptual Model (SCM) and Sensitive Receptor Survey (SRS). This SCM/SRS summarizes previous and current environmental work and site conditions. The purpose of this SCM/SRS is to document the extent of petroleum hydrocarbons and related constituents in soil and groundwater beneath the site, identify potential receptors of groundwater in the vicinity of the site, and identify potential preferential pathways for groundwater flow from the site.

BACKGROUND

The site (Assessor's Parcel Number [APN] 041-3886-049) is located approximately 0.8 mile east of the San Francisco Bay, northwest of 58th Avenue and Tevis Street in Oakland, California, as shown on the Site Vicinity Map (Plate 1). The locations of the former underground storage tank (UST) and select site features are shown on the Generalized Site Plan (Plate 2). The site lies at an elevation of approximately 10 feet above mean sea level (msl).

ERI understands the facility is operated as a telecommunications center and motor pool and maintenance yard to support AT&T operations and historically included former vehicle fleet fueling facilities. These fueling facilities were removed in July 2003. Properties south and east of the site are occupied by residential developments. Properties north and west of the site are occupied by industrial and commercial developments (Plate 3). Some of the uses of the industrial and commercial properties include but are not limited to metal and concrete fabrication, rubber recycling, art studios, and beverage manufacturing.

SUMMARY OF ENVIRONMENTAL INVESTIGATIONS

Alameda County Environmental Health Services Case No. 3576 October 1994 through May 1996

During October 1994, one 8,000-gallon gasoline UST was removed from the site and replaced with one 12,000-gallon dual compartment (8,000-gallon gasoline and 4,000-gallon diesel) UST (IT, November 1994). Laboratory analysis of soil samples collected from the side walls of the UST excavation and beneath the fuel dispenser did not detect residual hydrocarbons at reportable concentrations. Laboratory analysis of groundwater samples collected from the UST excavation detected dissolved-phase hydrocarbons at reportable concentrations.

During January and April 1995, four soil borings were drilled to approximately 20 feet below ground surface (fbgs) at the site and groundwater monitoring wells MW-1 through MW-4 were constructed in the soil borings (IT, February 1995 and May 1995). The wells were screened from approximately 5 to 20 fbgs. Groundwater was first encountered at approximately 12 to 14 fbgs in the soil borings.

Groundwater monitoring and sampling was initiated during first quarter 1995 and was performed during one hydrologic cycle (first through fourth quarters 1995). During third and fourth quarters 1995, extraction well EW-1 (installed in the UST cavity during UST replacement activities) was included in the monitoring and sampling events. Cumulative results of the monitoring and sampling indicated the following (IT, 1995):

- Depth to groundwater ranged from approximately 5.76 to 9.36 fbgs.
- Groundwater flow direction was variable, flowing west and west-southwest during first and second quarters, radial inward towards the former UST excavation during third quarter 1995, and radial outward from the former UST excavation during fourth quarter 1995.
- Groundwater flow direction was influenced by the permeable UST excavation backfill material.
- Dissolved-phase hydrocarbons were not detected in reportable concentrations in groundwater samples collected from wells MW-1, MW-3, and MW-4 during first through fourth quarters 1995 and in groundwater samples collected from wells MW-2 and EW-1 during third and fourth quarters 1995.
- Total petroleum hydrocarbons as gasoline (TPHg) was detected in well MW-2 during first and second quarters 1995 and benzene was detected in well MW-2 during first quarter 1995.

Based upon the cumulative soil and groundwater monitoring and sampling data collected during assessment activities, IT, on behalf of Pacific Bell recommended site closure (IT, Fourth Quarter 1995). Alameda County Environmental Health Services (Alameda County) concurred with the closure recommendation and issued a *Remedial Action Completion Certification* (May 22, 1996), following destruction of groundwater monitoring wells MW-1 through MW-4 during March 1996 (IT, May 15, 1996).

Alameda County Record Identification Number RO0002588

In July 2003, Shaw Environmental, Inc. (SEI), observed Balch Petroleum Contractors and Builders, Inc. (Balch) remove one 12,000-gallon dual chamber gasoline/diesel UST and associated piping from the site (SEI, October 2003). Laboratory analysis of four soil samples collected from the sidewalls of the UST excavation at approximately 9 fbgs and one composite soil sample collected from the removed backfill material did not detect residual phase hydrocarbons or related constituents in reportable concentrations, except for methyl tertiary butyl ether (MTBE) detected at 0.079 milligram per kilogram (mg/kg) in the sample collected from the southern wall of the UST excavation. Laboratory analysis of water samples collected from the UST excavation following dewatering and recharge detected dissolved-phase hydrocarbons and related constituents, including total petroleum hydrocarbons as diesel (TPHd) at 190 µg/L, TPHg at 1,600 µg/L, MTBE at 1,800 µg/L, and benzene at 51µg/L.

Following completion of UST removal and compliance soil and water sampling, Balch backfilled the excavation with the original backfill material (approximately 350 cubic yards) and imported fill material.

Environmental Assessment Activities

ERI is currently preparing a Work Plan describing proposed groundwater assessment activities at the subject site. The Work Plan will be submitted under a separate cover.

Environmental Remediation Activities

During July 2003, Ecology Control Industries (ECI) of Richmond, California, removed approximately 2,600 gallons of groundwater from the UST excavation and transported the water to Seaport Petroleum in Redwood City California for recycling and/or disposal.

Sensitive Receptor Survey

ERI performed a Sensitive Receptor Survey (SRS) during May through July 2006 to identify potential receptors of groundwater in the vicinity of the site and potential preferential pathways for groundwater flow from the site. The SRS included a record search with the State of California Department of Water Resources (DWR) and review of well completion reports to identify groundwater supply wells within 2,000-feet of the site; a door-to-door well and basement questionnaire survey within 500-feet of the site; review of relevant topographic map(s) to identify surface water bodies within 2,000-feet of the site; review of public and private utility purveyor records to identify underground utilities on and in the immediate vicinity of the site; and a site reconnaissance to observe conditions and verify information provided in the file reviews and survey including surface evidence of private or municipal groundwater supply wells; the location of surface water bodies identified on the topographic map(s) and/or location of surface waters that may not be represented on the map(s); buildings with basements; schools and daycare centers, hospitals, subways, and tunnels within the survey radius; and utility vaults and storm drains.

SUMMARY OF SITE CONDITIONS

The site-specific subsurface conditions described below are based on data collected during the 1995 environmental assessment activities.

Geology and Hydrogeology

Regional Geology and Hydrogeology

Regional geology and hydrogeology are described in the California Regional Water Quality Control Board (Regional Board) *East Bay Plain Groundwater Basin Beneficial Use Evaluation Report*, (East Bay Plain Report) (June 1999).

The site is located on the East Bay Plain (EBP) of the San Francisco Basin along the western edge of the Coast Range geomorphic province. The EBP is oriented northwest to southeast and encompasses approximately 115 square miles. The EBP is bounded by the San Francisco Bay to the west, by San Pablo Bay to the north, and the Hayward Fault to the east and overlies a flank of a broad Franciscan bedrock depression. The EBP comprises Pleistocene and Holocene unconsolidated alluvial deposits of the Alameda Formation characterized by silt, sand, and gravel and differentiated from the underlying Santa Clara Formation by its estuarine origins. The underlying Santa Clara Formation consists of interfingered alluvial, lake, swamp, river channel, and flood plain deposits. The Franciscan Formation makes up the basement rock beneath the EBP (Regional Board, June 1999). The basement rock lies at a depth deeper than explored at the site.

Regionally, groundwater flow follows topography, flowing east to west from the highlands bounding the Hayward Fault to the San Francisco Bay (Regional Board, 1999).

Site Hydrostratigraphy

Based on review of boring logs MW-1 through MW-4, ERI has identified one hydrostratigraphic unit underlying the site to the maximum depth explored (20 fbgs). Geologic cross sections drawn along traces A-A' and B-B' (Plate 4) showing the distribution of sediments are included as Plate 5. Boring logs from destroyed groundwater monitoring wells MW-1 through MW-4 are provided in Attachment A.

The unit consists predominantly of silt with variable amounts of sand and clay. The sand content is more apparent to the east (MW-1 through MW-3) with slight coarsening at depth. The clay content is more apparent to the west (MW-4) with a narrow laterally discontinuous clay layer present between 7 and 9 fbgs. This unit is covered with a thin layer (1 foot) of gravel base fill and asphalt cap. The predominant characteristics of this unit are the high proportion of silt and lateral homogeneity.

Occurrence of Groundwater

During drilling of the silty unit, shallow sediments (to approximately 12 to 14 fbgs) have been predominantly logged as slightly moist to moist. Deeper silt and silt/sand sediments within this unit have generally yielded groundwater below 12 fbgs:

Historical groundwater elevation ranges are shown on Cross Sections A-A' and B-B' (Plate 5). Groundwater elevations fluctuate seasonally up to 3 feet, with highest elevations generally occurring during the first quarter of the year and lowest elevations occurring during the fourth quarter. Groundwater in the monitoring wells was as shallow as 5.76 fbgs and as deep as 9.36 fbgs.

Groundwater Flow and Hydraulic Gradient

Based on groundwater monitoring data collected during 1995, the groundwater flow direction under static conditions beneath the site in the vicinity of the former UST excavation is variable, ranging from westerly (west to west-southwest) to radial inward and radial outward flow towards/from the former UST excavation backfill, respectively.

Groundwater Usage

The Regional Board generally considers groundwater in the vicinity of the site to be suitable or potentially suitable for municipal, agricultural, industrial service, and/or supply use. Municipal water is supplied by East Bay Municipal Utility District (EBMUD) from local reservoirs.

Distribution of Chemicals of Concern in Soil and Groundwater

Residual Hydrocarbons in Soil

Cumulative results of laboratory analyses of soil samples collected at the site during the July 2003 UST removal are summarized in Table 1. These data indicate that residual TPHd, TPHg, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and MTBE are not present in vadose soil except for 0.079 mg/kg MTBE detected in the soil sample collected from the southern wall of the UST excavation.

Dissolved-Phase Hydrocarbons in Groundwater

The distribution and concentration trends of dissolved-phase constituents in groundwater beyond the former UST excavation are currently unknown. Groundwater data from the July 2003 UST removal activities are summarized in Table 2.

Non-Aqueous Phase Liquids

Non-Aqueous Phase Liquids (NAPL) have not been encountered beneath the site.

Groundwater Remediation

Groundwater remediation has consisted of removal of approximately 2,600 gallons of hydrocarbon impacted water during the July 2003 UST removal activities. Based on the laboratory analytical results of the water sample collected from the UST excavation (Table 2), ERI estimates that approximately 0.220 pound of TPHd, 0.017 pound of TPHg, 0.001 pound of benzene, and 0.020 pound of MTBE were removed during July 2003.

Sensitive Receptors

The DWR Well Driller's Report archive search revealed that no water supply wells are registered within 2,000-feet of the site. Records do reveal that two cathodic protection wells are located within the survey area. Additionally, one Well Driller's Report indicates that a well originally located on the 1200 block of 57th Avenue was destroyed in 1990.

ERI performed a door-to-door questionnaire survey within a 500-foot radius of the subject site during June 2006 to identify water supply wells and basements. The survey area is shown on Plate 3. ERI identified 142 properties within the survey area and attempted to interview the property occupants. ERI interviewed 56 of the 142 property occupants and left a Well Survey Questionnaire (WSQ) and metered return envelope at the remaining 85 properties. As of July 17, 2006, ERI has received three (3) completed responses to the WSQs.

Results of the door-to-door well/basement survey indicate that no water supply wells or basements are located on the properties whose occupants were interviewed or returned a completed WSQ. However, most of the residential structures within the survey area include a subfloor crawl space partially below the exterior ground surface. The results of the door-to-door well/basement survey are provided on Table 3.

ERI conducted an SRS and site reconnaissance within 2,000 feet of the site during June and July 2006. A map illustrating the reconnaissance radius and identifying sensitive receptors is presented on Plate 3. The results of the SRS indicate the following:

- No groundwater supply wells were observed within the survey radius.
- No surface water bodies were identified within the survey radius.
- One school was identified within the survey radius; Melrose Elementary School located approximately 1,500 feet northwest (designated as public use area number [PNo.] 1 on Plate 3).
- One recreation center was identified within the survey radius; Rainbow Recreation Center Park located approximately 1,300 feet northeast (PNo. 3 on Plate 3).
- Two day care centers were identified within the survey radius; Operation Kickoff Christian Academy located approximately 1,350 feet south (PNo. 2 on Plate 3) and Picot Day Care located approximately 2,000-feet east-southeast (PNo. 4 on Plate 3).

ERI conducted a utility survey on and adjacent to the site. Underground utilities and utility vaults are shown on Plate 6. The results of the utility survey indicate the following:

- Underground utilities (electrical, gas, sewer, storm drain, and water) are primarily located on the southern boundary of the site, and on 57th and 58th Avenues. These facilities are primarily oriented east to west with additional lines oriented north to south in the Tevis Street right-of-way.
- Twenty-one utility vaults, including one storm drain inlet are located on or adjacent to the site. However the inlet is raised several inches above surrounding grade.

The properties south, southwest, and east of the site are residential, and homes are located within 20 feet of the southern property boundary. Residences in the area typically include a shallow subfloor crawlspace beneath floors.

SOURCE IDENTIFICATION

Based on review of available data, ERI concludes the following:

- Primary hydrocarbon sources including USTs and product piping have been removed from the site and are no longer a source for dissolved-phase hydrocarbons detected beneath the site.
- Secondary hydrocarbon sources, such as residual hydrocarbons in vadose soil, do not appear to be present in a sufficient mass or concentration beneath the site to provide a source of the dissolved-phase hydrocarbons detected beneath the site.
- Tertiary (off-site) hydrocarbon sources have neither been positively identified nor eliminated as a source of the hydrocarbons detected beneath the site.
- Dissolved-phase hydrocarbons are present in groundwater.

Constituents of Concern

ERI has identified TPHd, TPHg, BTEX compounds, and MTBE as constituents of concern (COCs) warranting additional evaluation at the subject site.

CONCLUSIONS AND RECOMMENDATIONS

Based upon review of the data collected during the July 2003 UST removal activities, ERI concludes that residual hydrocarbons in soil are adequately characterized beneath the site and do not require additional assessment. Dissolved-phase hydrocarbons and related constituents were present at concentrations above environmental screening levels (ESLs) established by the Regional Board in groundwater samples collected during the UST removal activities. Therefore, ERI recommends performing additional site assessment to evaluate the lateral and vertical extent of dissolved-phase hydrocarbons in groundwater.

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Mr. Don Hwang
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental practice in California at the time it was prepared. This report has been prepared for AT&T, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Mr. Glenn L. Malteucci, ERI's project manager for this site, at (707) 766-2000 with questions regarding this report.

Sincerely,
Environmental Resolutions, Inc.

Glenn L. Malteucci
Project Manager

John B. Bobbitt
P.G. 4313

Attachments: References

Table 1:	Cumulative Results of Laboratory Analyses of Soil Samples
Table 2:	Cumulative Results of Laboratory Analyses of Groundwater Samples
Table 3:	Door-to-Door Well/Basement Survey Results
Plate 1:	Site Vicinity Map
Plate 2:	Generalized Site Plan
Plate 3:	Local Area Map
Plate 4:	Cross Section Key Map
Plate 5:	Cross Sections A-A' and B-B'
Plate 6:	Utility Vault and Underground Utility Map
Attachment A:	Boring Logs (IT, February and May, 1995)

REFERENCES

Alameda County Environmental Health Services. May 22, 1996. Remedial Action Completion Certification, Pacific Bell, 1189 58th Avenue, Oakland, CA 94621. SIID# 3576

California Regional Water Quality Control Board, North Coast Region. June 1999. East Bay Plain Groundwater Basin Beneficial Use Evaluation Report, Alameda and Contra Costa Counties, California.

IT Corporation. November 1994. Underground Storage Tank Removal Report, Pacific Bell Facility 1189 58th Avenue, Oakland, California. Project No. 192300

IT Corporation. February 1995. Monitoring Well Installation Report, Pacific Bell Facility, 1189 58th Avenue, Oakland, California. Project No. 192300

IT Corporation. May 18, 1995. Additional Well Installation Report, Pacific Bell Facility, 1189 58th Avenue, Oakland, California. Project No. 192300

IT Corporation. (Fourth Quarter) 1995. Site Closure Recommendation, Pacific Bell Facility, 1189 58th Avenue, Oakland, California. Project No. 192300.006

IT Corporation. May 15, 1996. Letter Report of Monitoring Well Abandonment Activities, Pacific Bell Facility, 1189 58th Avenue, Oakland, California. Project No. 192300.007

Shaw Environmental, Inc. October 2003. Underground Storage Tank Removal Report, SBC Facility 1189 58th Avenue, Oakland, California. Project No. 838819.35

TABLE 1

CUMULATIVE RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES

AT&T Maintenance Facility

1189 58th Avenue

Oakland, California

Sample ID	Sampling Date	Sample Depth fbgs	TPHd mg/kg	TPHg mg/kg	MTBE mg/kg	B mg/kg	T mg/kg	E mg/kg	X mg/kg	Total Lead mg/kg
UST Excavation Samples										
TP1-(9')	07/30/03	9	<1.0	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	<3.0
TP2-(9')	07/30/03	9	<1.0	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	<3.0
TP3-(9')	07/30/03	9	<1.0	<1.0	0.079	<0.005	<0.005	<0.005	<0.005	<3.0
TP4-(9')	07/30/03	9	<1.0	<1.0	<0.05	<0.005	<0.005	<0.005	<0.005	<3.0
Soil Stockpile										
CS(1-4)	07/30/03		<1.0	<1.0	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<3.0

Notes:

TP4-(9') = Tank pit sample number - sample depth.

CS(1-4) = Soil stockpile - (composite sample).

TPHd = Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015.

TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015.

MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8021B.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.

Total Lead = Analyzed using EPA Method 7010.

fbgs = Feet below ground surface.

mg/kg = Milligrams per kilogram.

TABLE 2

CUMULATIVE RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES

AT&T Maintenance Facility

1189 58th Avenue

Oakland, California

Sample ID	Sampling Date	Sample Depth fbgs	TPHd µg/L	TPHg µg/L	MTBE µg/L	B µg/L	T µg/L	E µg/L	X µg/L	Total Lead µg/L
TP-W-1(07-03)	07/31/03	10	190	1,600	1,800	51	300	32	260	6.1

Notes:

TP-W-1(07-03) = Tank pit-water sample-sample number-month/year sampled.
TPHd = Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015.
TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015.
MTBE = Methyl tertiary bulyl ether analyzed analyzed using EPA Method 8021B.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
Total Lead = Analyzed using EPA Method 7010.
fbgs = Feet below ground surface.
µ/L = Micrograms per liter.

TABLE 3
SENSITIVE RECEPTOR SURVEY RESULTS
AT&T Facility
1189 58th Avenue
Oakland, California

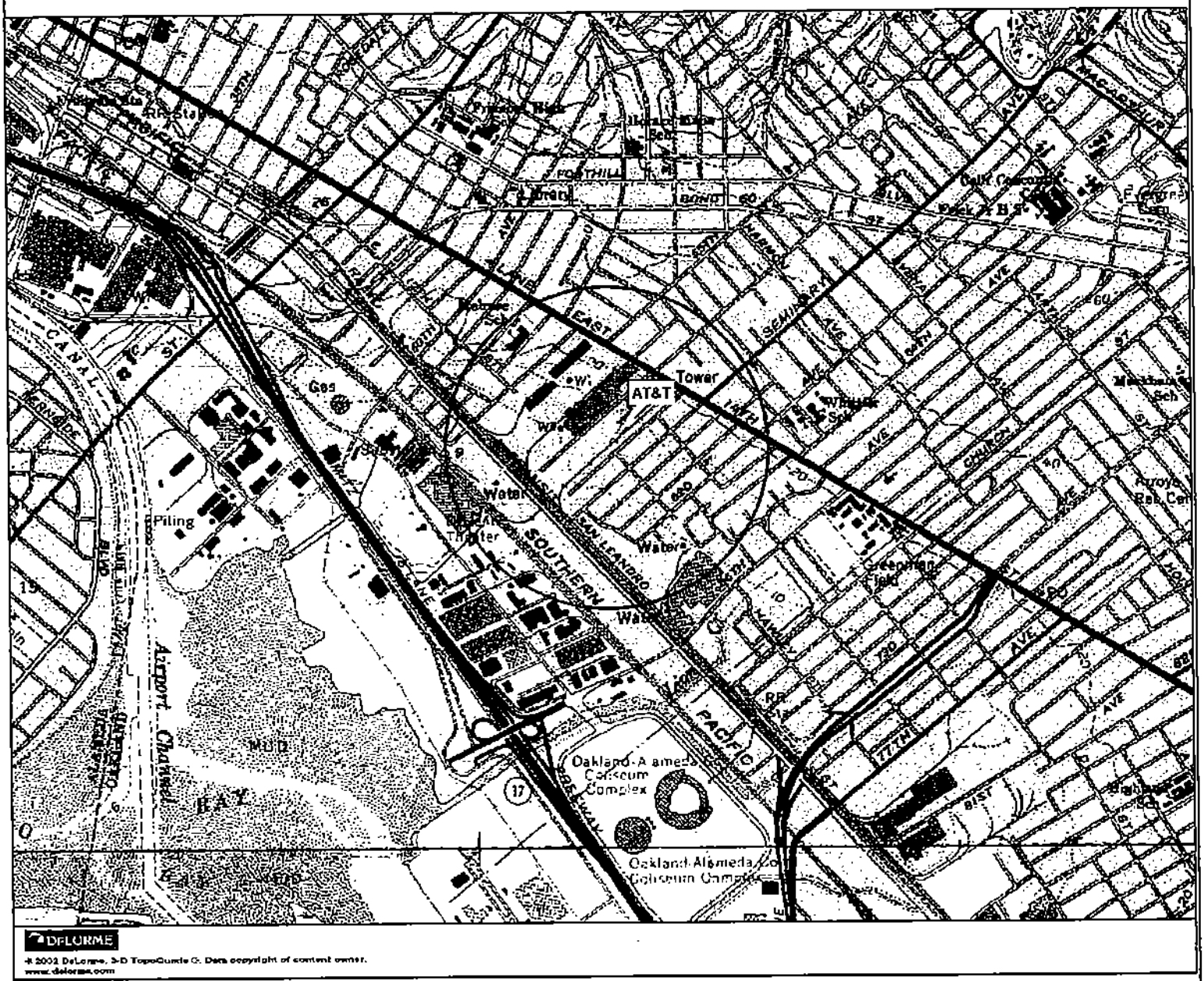
Street Number	Street	Well	Basement	Left Questionnaire	ERI Received Letter
1291	58th Avenue			X	
1285	58th Avenue	No	No		
1284	58th Avenue			X	
1279	58th Avenue	No	No		
1278	58th Avenue	No	No		
1274	58th Avenue	No	No		
1273	58th Avenue			X	
1268	58th Avenue	No	No		
1267	58th Avenue	No	No		
1262	58th Avenue			X	
1261	58th Avenue			X	
1256	58th Avenue			X	
1251	58th Avenue	No	No		
1250	58th Avenue	No	No		
1245/1243	58th Avenue	No	No		
1244	58th Avenue			X	
1237	58th Avenue	No	No		
1236	58th Avenue	No	No		
1232	58th Avenue	No	No		
1231	58th Avenue	No	No		
1226	58th Avenue			X	
1225	58th Avenue	No	No		
1222	58th Avenue			X	
1219	58th Avenue			X	
1218	58th Avenue			X	
1215	58th Avenue			X	
1214	58th Avenue			X	
1207	58th Avenue			X	
1206	58th Avenue			X	
1201	58th Avenue			X	
1200	58th Avenue	No	No		
1189	55th Avenue	No	No		
1182	58th Avenue			X	
1181	58th Avenue			X	
1178	58th Avenue	No	No	X	X
1175	58th Avenue			X	
1174	58th Avenue	No	No		
1170	58th Avenue	No	No		
1167	58th Avenue	No	No	X	X
1166	58th Avenue			X	
1165	58th Avenue	No	No		
1163	58th Avenue	No	No		
1162	58th Avenue			X	
1159	58th Avenue			X	
1158	58th Avenue	No	No		
1155	58th Avenue			X	
1154	58th Avenue	No	No		
1151	58th Avenue	No	No		
1150	58th Avenue			X	
1147	58th Avenue			X	
1146	58th Avenue	No	No		
1143	58th Avenue	No	No		
1142	58th Avenue			X	

TABLE 3
SENSITIVE RECEPTOR SURVEY RESULTS
AT&T Facility
1189 58th Avenue
Oakland, California

Street Number	Street	Well	Basement	Left Questionnaire	ERI Received Letter
1138/1134	58th Avenue			X	
1135	58th Avenue			X	
1131	58th Avenue			X	
1130	58th Avenue	No	No		
1126/1124	58th Avenue			X	
1123	58th Avenue	No	No		
1122	58th Avenue	No	No		
1121	58th Avenue	No	No		
1119	58th Avenue			X	
1118	58th Avenue			X	
1116	58th Avenue			X	
1115	58th Avenue	No	No		
1110	58th Avenue			X	
1109	58th Avenue	No	No		
1106	58th Avenue	No	No		
1105	58th Avenue			X	
1100	58th Avenue	No	No		
5806	Tevis Street			X	
5811	Tevis Street			X	
5814	Tevis Street			X	
5817	Tevis Street	No	No		
5907	Tevis Street			X	
5915	Tevis Street			X	
1273	Seminary Avenue			X	
1263	Seminary Avenue			X	
1257	Seminary Avenue			X	
1251	Seminary Avenue	No	No		
1248	Seminary Avenue			X	
1245	Seminary Avenue	No	No		
1242	Seminary Avenue	No	No		
1239	Seminary Avenue			X	
1236	Seminary Avenue			X	
1233	Seminary Avenue			X	
1230	Seminary Avenue			X	
1227	Seminary Avenue			X	
1224	Seminary Avenue			X	
1221	Seminary Avenue	No	No		
1218	Seminary Avenue			X	
1215	Seminary Avenue			X	
1212	Seminary Avenue			X	
1207	Seminary Avenue			X	
1206	Seminary Avenue			X	
1201	Seminary Avenue	No	No		
1200	Seminary Avenue			X	
1193	Seminary Avenue	No	No		
1187	Seminary Avenue	No	No		
1186	Seminary Avenue			X	
1180	Seminary Avenue			X	
1179/1177	Seminary Avenue			X	
1174	Seminary Avenue			X	
1171/1169	Seminary Avenue			X	
1168	Seminary Avenue				
1166	Seminary Avenue			X	

TABLE 3
SENSITIVE RECEPTOR SURVEY RESULTS
AT&T Facility
1189 58th Avenue
Oakland, California

Street Number	Street	Well	Basement	Left Questionnaire	ERI Received Letter
1165	Seminary Avenue			X	
1162	Seminary Avenue			x	
1161/1159	Seminary Avenue	No	No		
1157	Seminary Avenue	No	No		
1156	Seminary Avenue			X	
1153	Seminary Avenue	No	No		
1152	Seminary Avenue	No	No		
1149	Seminary Avenue			X	
1148	Seminary Avenue	No	No		
1145	Seminary Avenue	No	No	X	X
1144	Seminary Avenue			X	
1141	Seminary Avenue			X	
1140	Seminary Avenue			X	
1137	Seminary Avenue	No	No		
1136	Seminary Avenue			X	
1133	Seminary Avenue			X	
1134/1132	Seminary Avenue			X	
1129	Seminary Avenue			X	
1128	Seminary Avenue			X	
1126/1124	Seminary Avenue			X	
1125	Seminary Avenue			X	
1119	Seminary Avenue			X	
1115	Seminary Avenue			X	
1109	Seminary Avenue	No	No		
1260	57th Avenue	No	No		
1250	57th Avenue	No	No		
1175	57th Avenue			X	
1154	57th Avenue				
1137	57th Avenue	N0	No		
1135	57th Avenue	No	No		
1127	57th Avenue	No	No		
1122	57th Avenue	No	No		
1104	57th Avenue	No	No		
1101	57th Avenue	No	No		
1100	57th Avenue	No	No		
5441	International Way				



FN 2673TOPO

EXPLANATION

2,000 feet radius circle

APPROXIMATE SCALE

N

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

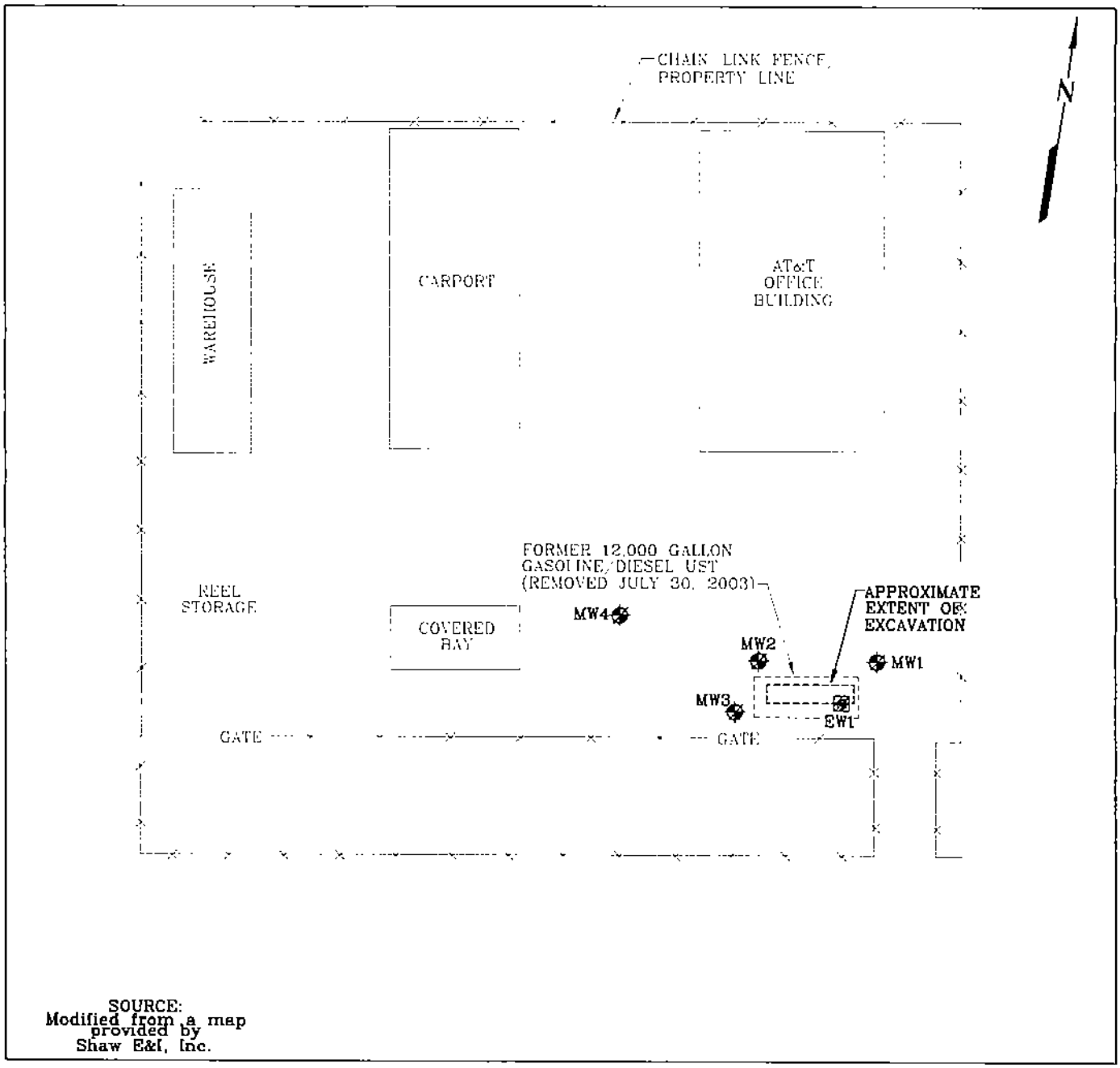
ERI ENVIRONMENTAL RESOLUTIONS, INC.

SITE VICINITY MAP

AT&T MAINTENANCE FACILITY
1189 58TH Avenue
Oakland, California

PROJECT NO. 2673

PLATE 1



SOURCE:
Modified from a map provided by Shaw E&I, Inc.

FN 26730001

EXPLANATION

MW4
Destroyed Groundwater Monitoring Well

EW1
Destroyed Extraction Well

APPROXIMATE SCALE

0 60 120
FEET

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

AT&T MAINTENANCE FACILITY
1189 58TH Avenue
Oakland, California

PROJECT NO.
2673

PLATE
2

LEGEND

C/I Commericial / Industrial

WELLS

1

There are no public or private wells identified within a 2,000 foot radius.

PUBLIC USE AREAS

1 Melrose Elementary School

2 Operation Kickoff Christian Academy

3 Rainbow Recreation Center Park

4 Picot Day Care

SURFACE WATER

1 No surface water

Door to door survey

2,000-Feet Radius

APPROXIMATE SCALE

0 500 1,000 FEET

LOCAL AREA MAP

AT&T MAINTENANCE FACILITY
1189 58TH Avenue
Oakland, California

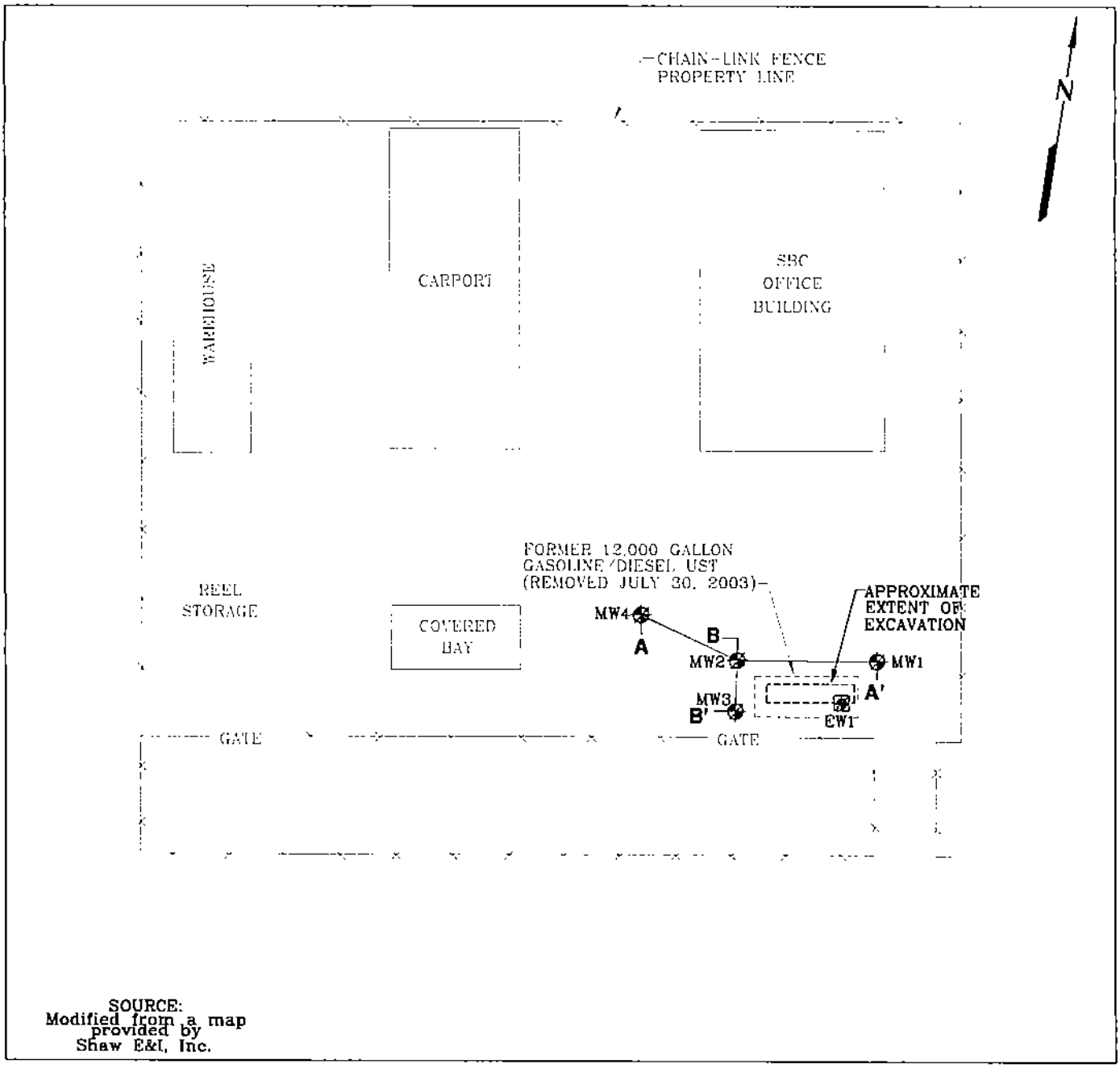
ERI ENVIRONMENTAL RESOLUTIONS, INC.

PROJECT NO. 2673

PLATE 3

DATE: 6/21/06

FN 2673/SRS/06 SRS AERIAL



SOURCE:
Modified from a map provided by Shaw E&I, Inc.

FN 26730001

EXPLANATION

MW4
Destroyed Groundwater Monitoring Well

EW1
Destroyed Extraction Well

APPROXIMATE SCALE

0 60 120
FEET

B B'
Cross Section Locations

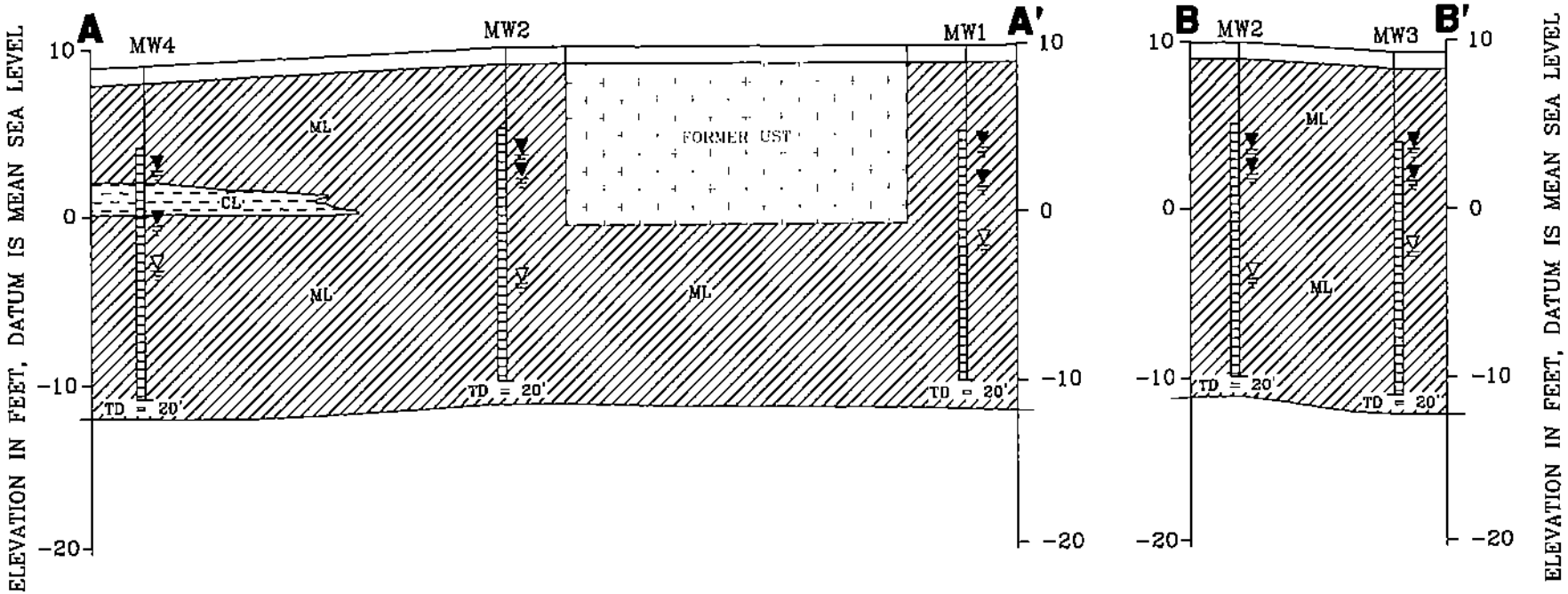
ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTION LOCATION MAP

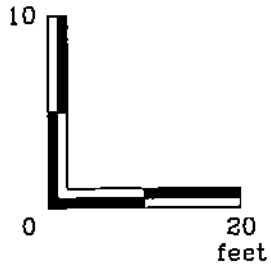
AT&T MAINTENANCE FACILITY
1189 58TH Avenue
Oakland, California

PROJECT NO.
2673

PLATE
4



APPROXIMATE SCALE



Vertical Exaggeration x2

FN 2673 XS A-A' & B-B'

ERI ENVIRONMENTAL RESOLUTIONS, INC.

CROSS SECTIONS A-A' & B-B'

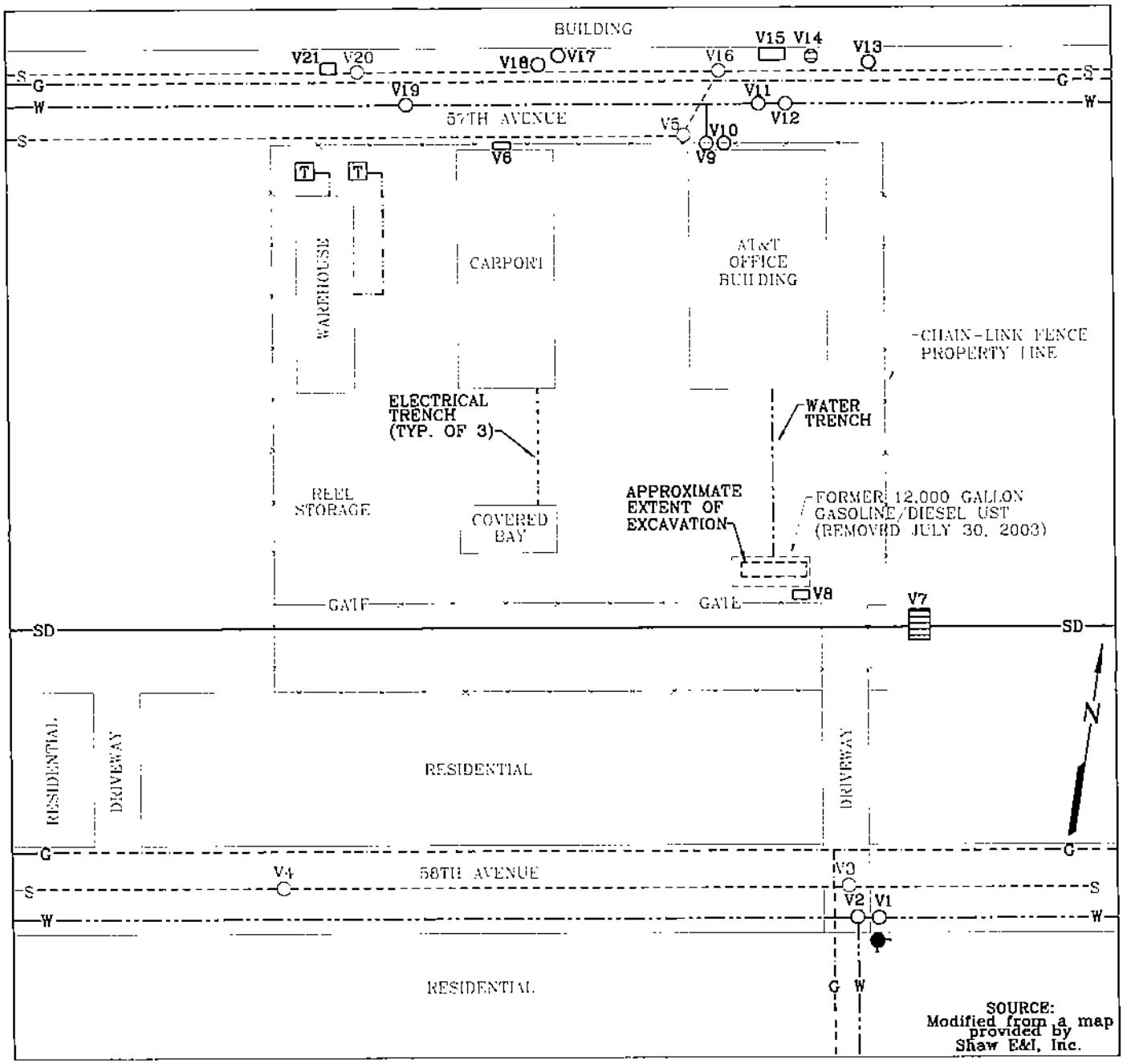
AT&T MAINTENANCE FACILITY
1189 58TH Avenue
Oakland, California

EXPLANATION

- Clay
- Sandy or Clayey Silt
- TD = Total Depth
- First Encountered Groundwater
- Groundwater High and Low (1995)

PROJECT NO. 2673

PLATE 5



FN 26730002_SRS_SP

UTILITY LEGEND

UTILITY LINES	UTILITY VAULTS
ELECTRICAL	ELECTRICAL VAULT
GAS	
SEWER	SEWER VAULT
STORM DRAIN	DRAIN
WATER	FIRE HYDRANT
	UNKNOWN VAULT

APPROXIMATE SCALE

0 80 160 FEET

ENVIRONMENTAL RESOLUTIONS, INC.

UTILITY VAULT AND UNDERGROUND MAP

AT&T MAINTENANCE FACILITY
1189 58TH Avenue
Oakland, California

PROJECT NO. 2673

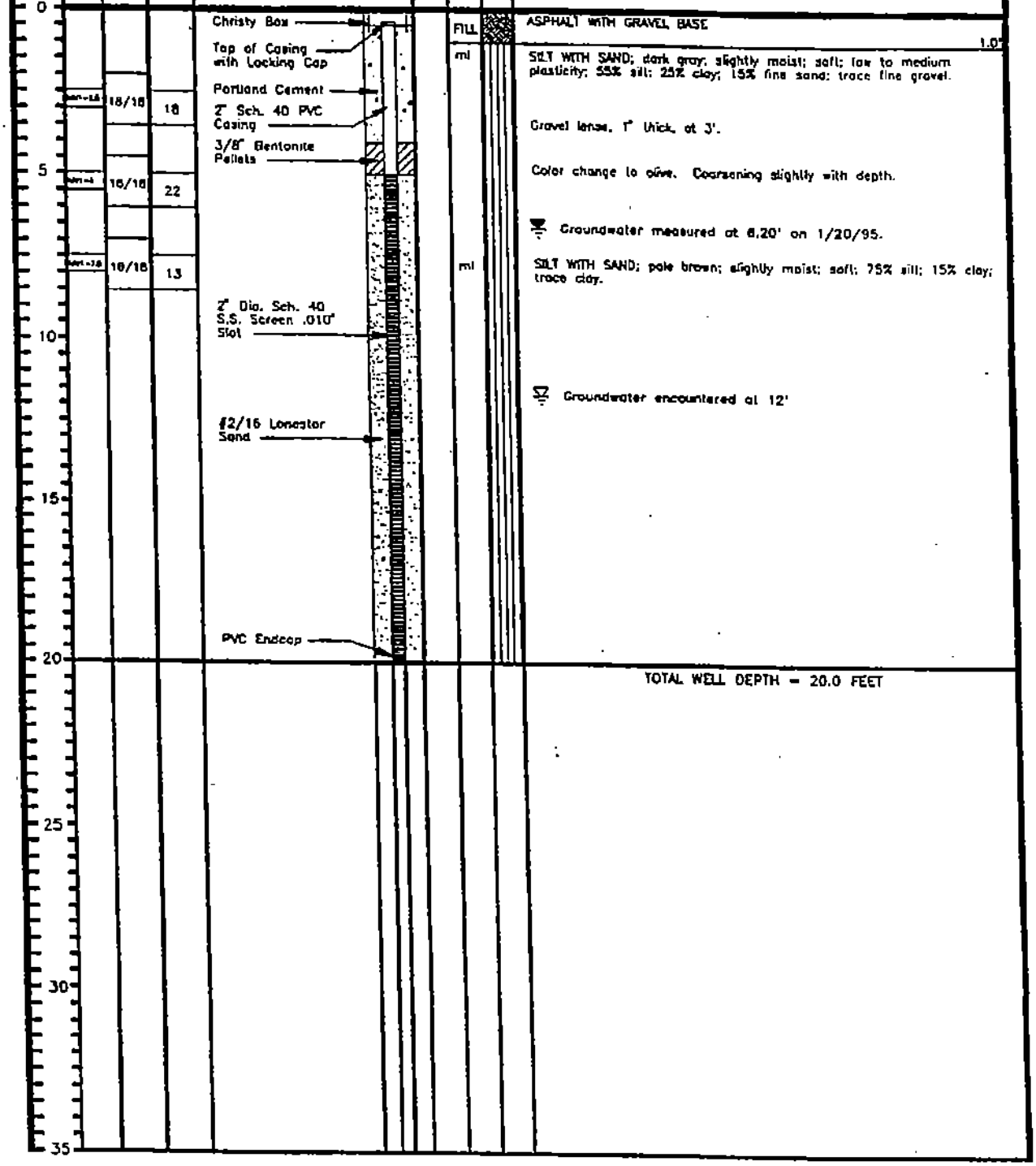
PLATE 6

ATTACHMENT A

SOIL BORING LOGS
(IT, FEBRUARY AND MAY 1995)

BORING NO. MW-1

FIELD GEOLOGIST D. Bannon
EDITED BY D Bannon
CHECKED BY D. Dunn
TOTAL DEPTH 20 ft.
DATE BEGAN 1-9-95
DATE FINISHED 1-9-95
PVC RIM EL. 10.15 ft. msl



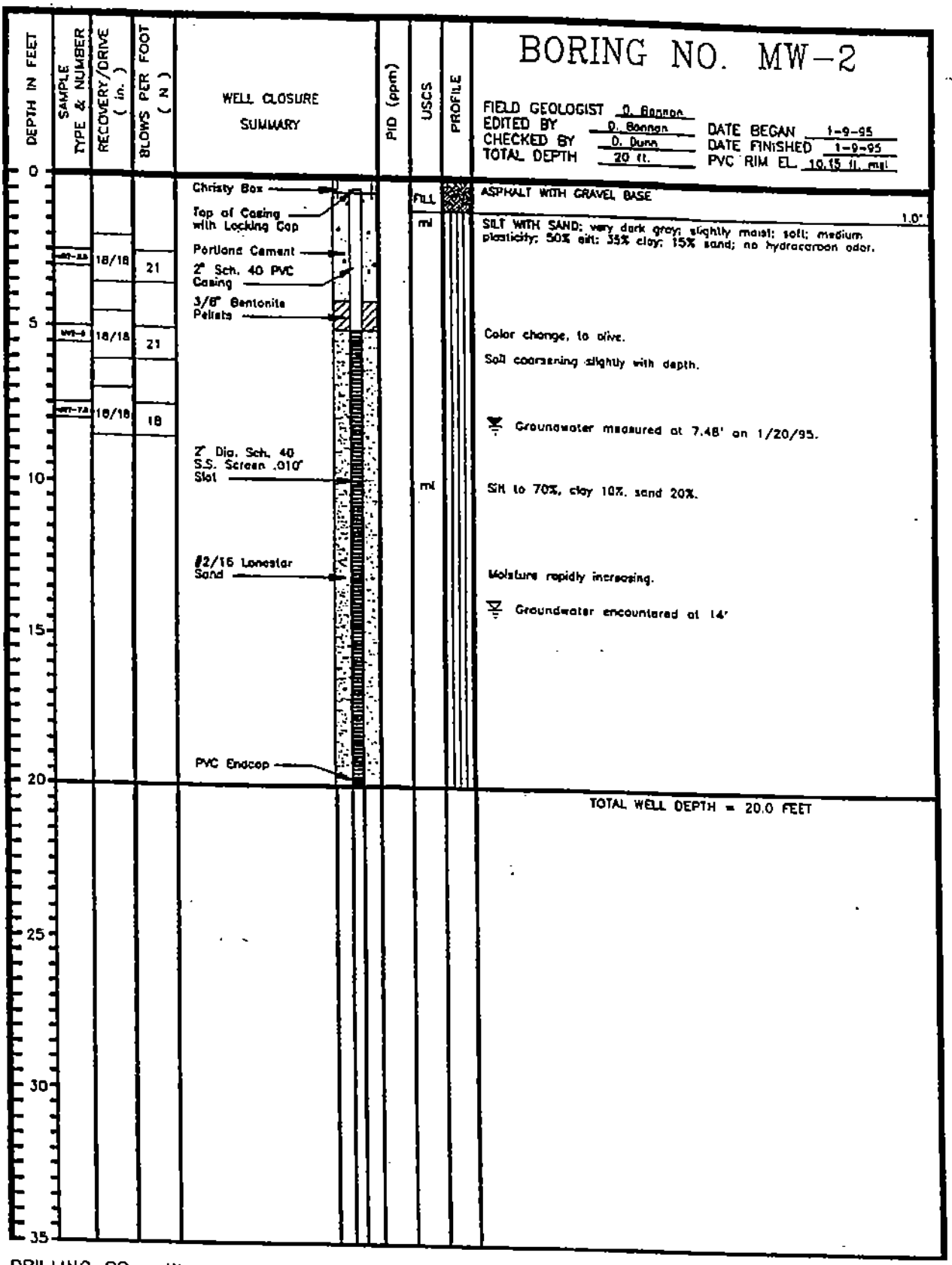
DRILLING CO.: Woodward Drilling Co., Inc
DRILLER: Eric Woodward
DRILL METHOD: Hollow Stem Auger, B-53 Rig
SAMPLING METHOD: California Split Spoon Sampler
PROJECT NO.: 192300
CLIENT: Pacific Bell
LOCATION: 1189 58th Ave., Oakland, California

INTERNATIONAL TECHNOLOGY CORPORATION

192300-A9 1 - SOIL WELL

BORING NO. MW-2

FIELD GEOLOGIST D. Bannon
EDITED BY D. Bannon
CHECKED BY D. Dunn
TOTAL DEPTH 20 ft.
DATE BEGAN 1-9-95
DATE FINISHED 1-9-95
PVC RIM EL. 10.15 ft. msl



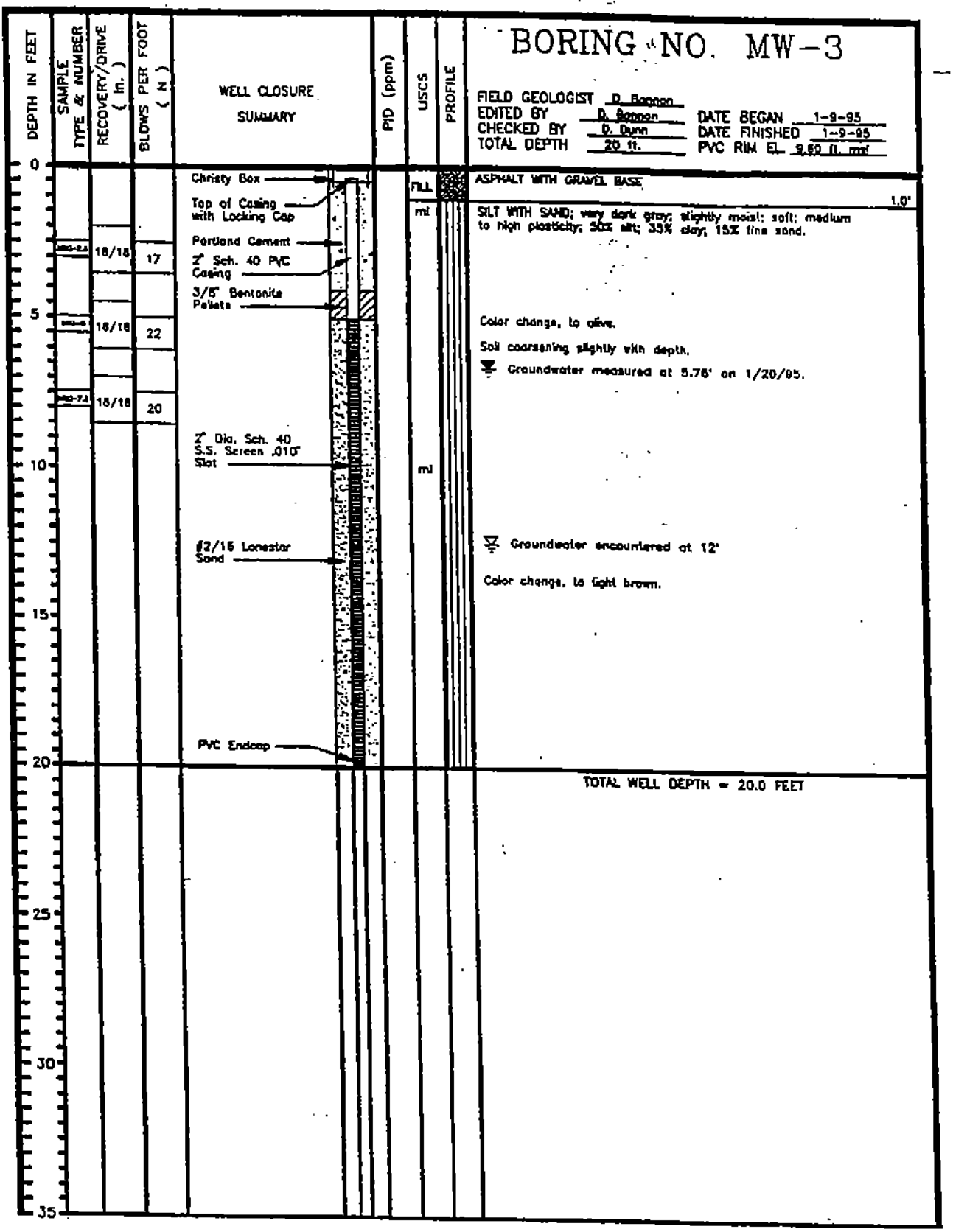
DRILLING CO.: Woodward Drilling Co., Inc.
DRILLER: Eric Woodward
DRILL METHOD: Hollow Stem Auger, B-53 Rig
SAMPLING METHOD: California Split Spoon Sampler
PROJECT NO.: 192300
CLIENT: Pacific Bell
LOCATION: 1189 58th Ave., Oakland, California

INTERNATIONAL TECHNOLOGY CORPORATION

92300-A10 I \58TH\MWELL)

BORING NO. MW-3

FIELD GEOLOGIST D. Bannon
EDITED BY D. Bannon — DATE BEGAN 1-9-95
CHECKED BY D. Dunn — DATE FINISHED 1-9-95
TOTAL DEPTH 20 ft. — PVC RIM EL. 9.60 ft. msl



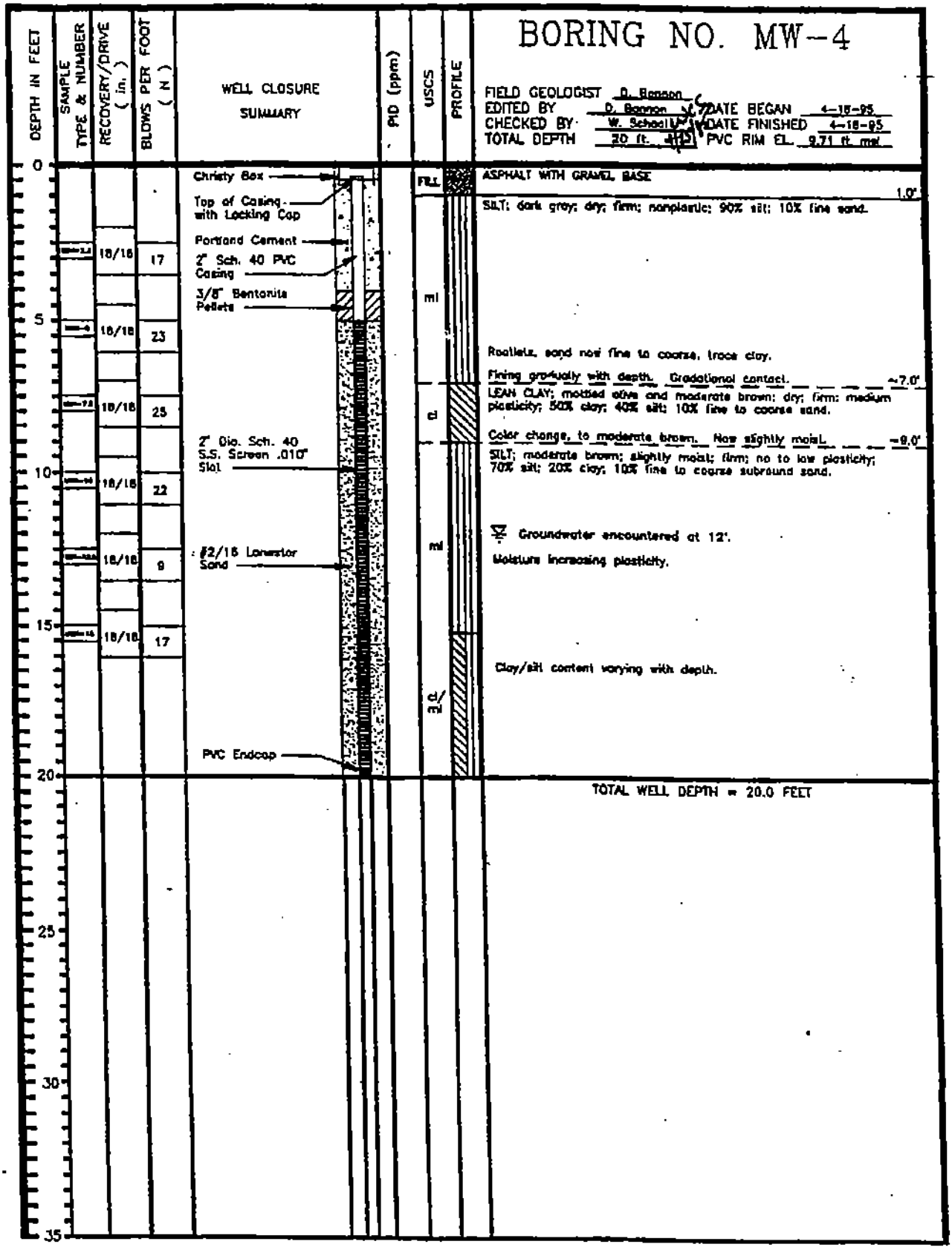
DRILLING CO.: Woodward Drilling Co., Inc.
DRILLER: Eric Woodward
DRILL METHOD: Hollow Stem Auger, B-53 Rig
SAMPLING METHOD:- California Split Spoon Sampler
PROJECT NO.: 192300
CLIENT: Pacific Bell
LOCATION: 1189 58th Ave., Oakland, California

INTERNATIONAL TECHNOLOGY CORPORATION

192300-A11 (..\58TH\MWELL)

BORING NO. MW-4

FIELD GEOLOGIST D. Bannon
EDITED BY D. Bannon DATE BEGAN 4-15-95
CHECKED BY W. Schaefer DATE FINISHED 4-15-95
TOTAL DEPTH 20 ft. PVC RIM EL. 9.71 ft msl



DRILLING CO.: Woodward Drilling Co., Inc.
DRILLER: Eric Woodward
DRILL METHOD: 8 in. O.D. Hollow Stem Auger, B-57 Rig
SAMPLING METHOD: 18 in. California Modified Split Spoon Sampler
PROJECT NO.: 192300
CLIENT: Pacific Bell
LOCATION: 1189 58th Ave., Oakland, California

INTERNATIONAL TECHNOLOGY CORPORATION

192300-X1 (58th\MWELL)