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Environmental Health**

Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Document Transmittal
German Autocraft, 301 East 14th Street, San Leandro, California
AC LOP Case # 2783; Fuel Leak Case No. RO0000302; Global ID T0600100639

Dear Sir or Ma'am:

I declare, under penalty of perjury, that the information contained in the attached document / report are true and correct, to the best of my knowledge.

Sincerely,



Lee Seung
Owner, German Autocraft



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

October 18, 2010
Project No. 2076-0301-01

Mr. Mark Detterman, P.G., C.E.G.
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577
(via ACDEH fip site only, no paper)

Re: **Site Conceptual Model and Interim Remedial Action Plan**
German Autocraft, 301 East 14th Street, San Leandro, California
ACLOP Case #2783; Fuel Leak Case No. RO0000302; Global ID T0600100639

Dear Mr. Detterman:

Stratus Environmental, Inc. (Stratus) has prepared this *Site Conceptual Model (SCM) and Interim Remedial Action Plan (IRAP)*, on behalf of Mr. Seung Lee, for the German Autocraft facility, located at 301 East 14th Street, in San Leandro, California (the site; Figure 1). The preparation and submittal of this SCM/IRAP was agreed upon by Alameda County Environmental Health Department (ACEHD) during a meeting on July 22, 2010. The purpose of this meeting, which was attended by M. Detterman and D. Dragos of ACEHD and S. Salcedo and G. Kowtha of Stratus, was to make introductions as Mr. Lee's new consultant, to review the current status of the project, and to discuss steps to immediately begin remediation efforts at the site. The meeting notes were summarized in email correspondence from S. Salcedo to M. Detterman on July 26, 2010; M. Detterman provided generalized input on the meeting summary in email correspondence on August 6, 2010.

In the meeting, it was agreed that this SCM/IRAP would be prepared and would include a comprehensive data tabulation of all historic work performed at the site, would identify data gaps that require additional work, would propose any additional on-site wells/borings needed to complete onsite lateral and vertical soil assessment, and would include a proposal to excavate impacted soil at the former underground storage tank (UST) area as a preliminary remedial step before the initiation of dual-phase extraction (DPE) remediation. This approach was agreed upon by ACEHD and was meant to expedite ACEHD's review time on the SCM/IRAP so that the excavation can be performed during 2010. Also as agreed, a separate addendum to the SCM/IRAP will be prepared and submitted proposing details associated with the installation of the full-scale DPE system and additional extraction wells needed for the cleanup work. In addition, the SCM/IRAP addendum will propose the installation of permanent onsite and offsite soil gas sampling points and propose work to fill any identified data gaps.

Presented herein is a description of the site, a comprehensive summary of the case history of environmental work at the site, and information regarding Stratus' understanding of the geologic

and hydrogeologic conditions in the uppermost 45 feet below ground surface (bgs) at the site. Further, the current lateral and vertical extents of impact to both soil and groundwater are presented and discussed in this document, and a rationale for proposals made herein are provided. In summary, this document proposes the advancement and sampling of one soil boring (B-4) for the purpose of evaluating the lateral and vertical extent of soil impact beneath the former fuel dispenser island, the destruction of two groundwater monitoring wells (MW-1 and MW-4) that will be affected by the planned remedial excavation, and details associated with a remedial soil excavation in the vicinity of the former underground storage tanks (USTs).

SITE DESCRIPTION

The property is located on the south corner of the intersection of E. 14th Street and Garcia Avenue in the City of San Leandro (Figure 1). Available records indicate that the property was used as a retail gasoline service station until 1981. According to historical documents by previous consultants for Mr. Lee, the property was exclusively used for automotive repair from 1981 to present. Mr. Lee purchased the property on April 15, 1985. In September 1990, six single-walled steel USTs (two 1,000-gallon and two 2,000-gallon USTs previously used to store unleaded gasoline, one 550-gallon UST previously used to store regular gasoline, and one 150-gallon UST previously used to store waste oil) were removed from the property and properly disposed. In addition, the fuel dispenser island and associated product lines were removed at that time. The configuration of the site is shown on Figure 2. The area surrounding the site is mixed commercial and moderate density residential. A site vicinity map is included as Figure 3.

According to the State Water Resources Control Board's (SWRCB) GeoTracker database, numerous other contaminated properties under the ACEHD's regulatory oversight are present in the immediate vicinity of German Autocraft. Sunshine Cleaners, a dry cleaning business located at 223 East 14th Street, approximately 130 feet northwest of the site, has had an open environmental case, but largely inactive, since 1993; the site is currently in the assessment phase for chlorinated solvents. San Leandro Chrysler-Plymouth, formerly located at 232 East 14th Street, northeast across 14th Street from German Autocraft, had a leaking UST environmental case open until 1997. Finally, the former Monument Gas station, located at 111 East 14th Street, approximately 375 feet northwest of German Autocraft, had a leaking UST case open until 2005. The Monument Gas case assessed groundwater contamination offsite to the southeast of that site (along Farrelly Drive) until closure. A map of the area surrounding the site is included as Figure 3.

CASE HISTORY

Environmental investigations at the site began in September 1990, when the six former single-walled steel USTs (two 1,000-gallon and two 2,000-gallon USTs previously used to store unleaded gasoline, one 550-gallon UST previously used to store regular gasoline, and one 150-gallon UST previously used to store waste oil) were removed from the property and properly disposed. The five larger USTs were buried in a common pit on the north side of the property adjacent to Garcia Avenue; the waste oil UST was located on the south side of the station building/garage. During the

removal of the USTs, Environmental Construction Company (TECC) noted that both the 1,000-gallon and the 550-gallon USTs had holes in them and showed signs of extensive corrosion. Soil staining was noted in both the main UST area and the waste-oil UST area during excavation. Following the removal of the USTs and product lines, ten soil samples were collected from below the USTs, one soil sample from beneath the former piping, and three samples from stockpiled soil.

The main UST pit was excavated to approximately 44 feet long, 16 feet wide, and 8 feet deep; the waste oil UST pit was excavated to approximately 6 feet by 5 feet, and 6 feet deep. Historical documentation appears to indicate that the soil excavated from the waste oil UST excavation (~15 yd³) was removed from the site. When the main UST area excavation was completed, TECC lined the excavation with plastic, placed the excavated soil back in the excavation, and covered with plastic as an intended temporary containment measure (see Appendix A). Analytical results of soil samples collected during the UST removal activities indicated the presence of highly impacted soil (total petroleum hydrocarbons as gasoline [TPHg] and benzene, toluene, ethylbenzene, and total xylenes [BTEX] only) in the main UST pit. No detectable concentrations of TPHg, total petroleum hydrocarbons as diesel (TPHd), BTEX, oil and grease, or purgeable halocarbons were reported in the soil sample collected at the base of the waste oil UST excavation (though stockpile samples of excavated soil indicated some oil and grease impact).

In December 1990, TECC advanced three onsite soil borings (B-1, B-2, and B-3) to depths of about 35 feet bgs and installed one groundwater monitoring well (MW-1) screened across first-encountered water from approximately 25 to 45 feet bgs just northeast of the main former UST excavation. Soil and groundwater samples from these borings and the monitoring well indicated TPHg and BTEX impact at all four locations.

In December 1994 and January 1995, Chemist Enterprises (renamed in 1995 as Environmental Testing and Management [ETM]) advanced two additional on-site soil borings (CE-1 and CE-2) and installed two additional on-site groundwater monitoring wells (MW-2 and MW-3) to further evaluate soil and groundwater impact. Boring CE-2 was advanced within the former UST excavation/backfill to assess impact directly beneath the former USTs. Soil and groundwater impact were found to be highest within the smear zone and at the water table surface (approximately 20 to 30 feet bgs).

In June 1994, Mr. Lee applied and was accepted in the SWRCB's UST Cleanup Fund as a priority B claimant.

In August 1995, following the detection of liquid-phase hydrocarbons (LPH) in boring CE-1, one additional groundwater monitoring well (MW-4) was installed by ETM within the former UST excavation for the purpose of removing LPH. LPH was reported in well MW-4 after development; a passive skimmer system was installed in the well for removal of LPH. The thickness of LPH at well MW-4 prior to the installation of the skimmer system on September 22, 1995 was 0.10 feet. The skimmer system was maintained between September 1995 and June 1998, during which time, no measurable quantities of LPH were reported removed from well MW-4 (only water with a

hydrocarbon sheen). Following numerous attempts to redevelop the well and extract additional LPH from the vicinity of well MW-4, the skimmer system was removed and the well was added to the regular monitoring and sampling program. During the third quarter 1995, a routine quarterly groundwater monitoring and sampling program was established at the site.

Between November 1995 and April 1996, ETM advanced thirty-nine (39) additional on- and off-site soil borings (ETM-1 through ETM-40, with ETM-16 attempted but not completed) throughout the surrounding residential neighborhood (Figure 3). Soil conditions were logged in borings ETM-1, ETM-2, ETM-5, ETM-6, ETM-7, ETM-10, ETM-11, ETM-17, ETM-19, ETM-21, and ETM-22. Soil samples were collected for laboratory analyses from borings ETM-1, ETM-2, and ETM-7. Grab groundwater samples were collected from all thirty-nine borings (except ETM-6 which did not yield water). Analytical results indicated hydrocarbon impact to groundwater was found to be extensive in the area downgradient of the site; thirty of the thirty-eight grab groundwater samples were reported to contain TPHg and/or benzene. In addition, LPH was reported during the sampling of boring ETM-38, located on West Broadmoor Boulevard, approximately 320 feet northwest of the site. Historical reports indicate that the LPH at boring ETM-38 was chemically dissimilar than the LPH found in German Autocraft onsite well MW-4, and speculate that the source of the LPH at ETM-38 may have been a short, localized event such as a car accident.

While canvassing the neighborhood to acquire access to properties for the investigation, ETM discovered a private residential irrigation well located at the residence at 141 Farrelly Drive, approximately 440 feet northwest of the site. The owner of the well (and the property), Mr. Mitch Ramirez, had been using the well for landscape irrigation; upon the discovery of LPH in boring ETM-38, approximately 115 feet southeast of the 141 Farrelly Drive irrigation well, ACDEH requested Mr. Ramirez discontinue use of his well. In April 1996, ETM collected a groundwater sample from the 141 Farrelly Drive well; results indicated the well was not impacted by petroleum hydrocarbons. With Mr. Ramirez's permission, the irrigation well was added to the periodic monitoring and sampling program. Further details on the well at 141 Farrelly Drive are presented in a later section of this document.

In May 1997, the City of San Leandro contracted AllCal Property Services (AllCal) to install one groundwater monitoring well near the location of boring ETM-38. The well was designated MW-1, but is now referred to as MW-1A to avoid confusion with German Autocraft's onsite well MW-1. Initial sampling results of well MW-1A indicated TPHg/BTEX impact (but LPH was not present).

In November 1997, the depression in the UST pits caused by the settling of the excavated soil was filled in with approximately 16 cubic yards of clayey silt soil and covered with Class II base rock.

In August 1998, ETM installed onsite monitoring well MW-5 and offsite monitoring wells MW-6, MW-8, MW-9, MW-10, and MW-11 to further evaluate the downgradient extent of TPHg/BTEX impact in Garcia Avenue and the residential city block between Garcia Ave. and Broadmoor Blvd.

Well MW-7 was not installed due to a utility obstruction in Garcia Ave. Initial analytical results from the wells indicated impact to all six new wells.

In January 2001, three additional off-site groundwater monitoring wells (MW-12, MW-13, and MW-14) were installed by ETM to continue delineation of the groundwater impact offsite. Initial analytical results from wells MW-12 indicated impact; wells MW-13 and MW-14 indicated little to no impact to the southwest of the site in the vicinity of Lafayette Avenue.

In November 2007, Groundwater Cleaners, Inc. (GCI) prepared and submitted a *Corrective Action Plan* (CAP) that provided technical and cost effectiveness evaluations of monitored natural attenuation (MNA), soil excavation, DPE / air sparging (AS), and bioremediation. Results of their evaluation indicated that DPE/AS would be most viable and cost-effective and recommended a 5-day DPE/AS pilot test be performed. In a letter dated December 28, 2007, ACEHD indicated their concurrence with the proposed DPE/AS feasibility study; however due to the data gap related to potential risk associated with the vapor intrusion pathway, the ACEHD requested that further site characterization be performed; specifically, a soil vapor investigation. GCI prepared a *Work Plan for Soil Vapor Investigation*, dated February 14, 2008, and a *Work Plan for DPE/AS Feasibility Study*, dated February 15, 2008. Both work plans were conditionally approved by ACEHD in a letter dated October 23, 2008.

In January 2009, GCI advanced eight on- and off-site soil borings (SV-1 through SV-8) and collected grab groundwater samples. In immediately adjacent boreholes, GCI installed temporary dual-completion soil vapor sampling points (at depths of approximately 5.0 to 5.5 feet bgs and at approximately 12.5 to 14.0 feet bgs). The shallow points were installed within clayey soil, while the deeper points were placed across a 1-foot thick sandy unit identified during continuous core of the adjacent borings. Analytical results of the soil vapor samples were compared to the Regional Water Quality Control Board, San Francisco's (RWQCB-SF) Environmental Screening Levels (ESLs) protective of vapor intrusion concerns under a commercial land use (for the on-site auto repair business) and residential (for the predominant offsite land use) for TPHg, BTEX, and methyl tertiary butyl ether (MTBE). Analytical results of samples collected at the 5-foot depths did not exceed the onsite commercial or offsite residential ESLs, with the exception of SV-8 (which exceeded the residential ESL for TPHg) and SV-2 (which exceeded the residential ESL for benzene). Based on the results of the soil vapor sampling, GCI concluded that significant vertical attenuation is occurring and that results indicate that vapor intrusion concerns are unlikely based on commercial on-site and residential off-site uses.

In February and March 2009, GCI conducted the approved 5-day DPE remediation feasibility test at the site. DPE testing was performed using onsite wells MW-1, MW-2, MW-3, and MW-4, both individually and as a group, while using outlying wells MW-5, MW-6, and MW-8 to check for vacuum influences. GCI's *DPE/AS Feasibility Report*, dated March 31, 2009, stated that the DPE testing generally failed (too much water and not enough vapor flow) and concluded that only horizontal DPE wells would be appropriate (AS was never attempted). In response to this report, ACEHD issued a letter dated October 27, 2009, requesting a work plan for installation of DPE

wells (and several additional items). GCI submitted a *Work Plan for Additional Investigation*, dated January 15, 2010, in which they partially addressed ACEHD's issues outlined in the October 2009 letter. ACEHD has not reviewed this document (as Stratus verbally rescinded the document, on behalf of Mr. Lee, during a July 22, 2010 meeting).

On July 22, 2010, a meeting was held between ACEHD and Stratus. The purpose of this meeting, which was attended by M. Detterman and D. Dragos of ACEHD and S. Salcedo and G. Kowtha of Stratus, was to make introductions by Stratus as Mr. Lee's new consultant, to review the current status of the project, to discuss the recent October 2009 ACEHD letter and GCI January 2010 response/work plan, and to discuss steps to begin remediation efforts at the site immediately. The meeting notes were summarized in email correspondence from S. Salcedo to M. Detterman on July 26, 2010; M. Detterman provided generalized input on the meeting summary in email correspondence on August 6, 2010.

In July 2010 meeting, it was agreed that an SCM/IRAP would be prepared and would include a comprehensive data tabulation of all historic work performed at the site, would identify data gaps that require additional work, would propose any additional on-site wells/borings needed to complete onsite lateral and vertical soil assessment, and would include a proposal to excavate impacted soil at the former UST area as a preliminary remedial step before the initiation of DPE remediation. This approach was agreed upon by ACEHD, and was meant to expedite ACEHD's review time on the SCM/IRAP so that the excavation can be performed during 2010. Also as agreed, a separate addendum to the SCM/IRAP would be prepared and submitted proposing details associated with the installation of the full-scale DPE system and additional extraction wells needed for the cleanup work. In addition, the addendum will propose the installation of permanent onsite and offsite soil gas sampling points and propose work to fill any identified data gaps.

Well construction and soil boring details are summarized on Table 1 and copies of all available boring logs are included in Appendix B. A summary of all available historical soil analytical results is included as Table 2 (and on-site data illustrated on Figure 4). Historical summaries of quarterly groundwater monitoring and analytical results and historical grab groundwater analytical results are included as Tables 3 and 4, respectively. Soil vapor sampling results (2009) are summarized on Table 5.

GEOLOGY

Sediments underlying the site and site vicinity are likely derived from the erosion of the Las Trampas Ridge located approximately 4 miles east of the site. These hills are composed of late Mesozoic sedimentary and partially metamorphosed rocks of the Franciscan Complex. The site lies approximately one mile west of the northwest-trending Hayward Fault, and approximately three miles east of the San Francisco Bay. The topography of the immediate area is relatively flat and lies at an elevation of approximately 50 feet above mean seal level (msl).

Local subsurface soil stratigraphy has been investigated by the drilling of more than 60 vertical soil borings at the site and immediately surrounding area on behalf of Mr. Lee, which have been logged by an array of different geologists over the past 15+ years. Most of the historic borings were logged on 5-foot intervals, although the eight soil borings drilled in 2009 (SV-1 through SV-8) were continuously cored (to approximately 14 feet bgs). According to available geologic boring logs related to the site, subsurface soils have been logged to a maximum depth of approximately 45 feet bgs.

From the surface to approximately 25 feet bgs, the soil generally consists of fine-grained materials (lean to fat clays and sandy clays). Beneath the upper fine-grained material, from approximately 25 to 35 feet bgs (ranging from 3 to 13 feet in apparent thickness), a sandy unit of relatively higher permeability is present (clayey and silty sands with some clean sands). It is within this sandy layer that groundwater is first encountered. In general, the sandy water-bearing unit appears to thicken and coarsen to the west and northwest of site (offsite, downgradient). Notably, the sandy layer appears to be thin (to absent) in the center of the site property itself (B-1, B-2, B-3, MW-1, and ETM-7) and to the northeast of the site across 14th Avenue (ETM-10, ETM-11). Beneath the sandy water-bearing unit, additional fine-grained soils have been encountered (clays). In both the upper and lower clayey layers, thin (1 to 4 feet in apparent thickness), discontinuous, sandy layers are reportedly interbedded. Notably, within the thick upper section of vadose zone clays, an approximate 1-foot thick sand, clay with sand, clayey gravel or gravelly clay was encountered between 11 and 14 feet bgs (targeted in deep soil gas sample locations). A geologic cross-section illustrating interpreted geologic conditions beneath the site and site vicinity is included as Figure 5.

HYDROGEOLOGY

A total of fourteen permanent groundwater monitoring wells (MW-1 through MW-6, MW-8 through MW-14, and MW-1A) have been screened to depths of between 20 and 40 feet bgs to monitor groundwater occurrence and quality in the first encountered water-bearing zone. The monitoring well array includes five onsite wells, and nine offsite wells spanning the city block west-northwest of the site, from Garcia Avenue to Broadmoor Boulevard. Historically, groundwater in the monitoring well array has been measured as shallow as 15.05 feet bgs to as deep as 30.25 feet bgs, with a historical average of about 25 feet bgs. Seasonal fluctuations in water table levels on the order of 5 to 10 feet are typical. In the early 1990s, water levels were somewhat lower (~30 feet bgs) than they are at present day. During the 15-year monitoring period (1995 to 2010) groundwater elevations have generally remained consistent over time, though the magnitude of annual fluctuations has decreased during the last 7 to 8 years. A graph illustrating water levels over time is included as Figure 6. Historical groundwater elevation contours are included in Appendix C.

Historically, the dominant groundwater flow in the vicinity of the site has been generally west and west-northwest at an average gradient of approximately 0.002 foot per foot (ft/ft). Onsite, groundwater flow appears to be more complex. During the period 1994 through 1998, only wells MW-1, MW-2, and MW-3 were gauged for depth to groundwater. In that period, groundwater

flow was calculated to be predominantly south to southwest (generally towards well MW-2). Following installation of additional wells, the flow direction had the appearance of shifting to the west with the increase in spatial data. However, based on a re-evaluation of the more recent groundwater elevation data of the onsite wells only, it appears that the more southerly groundwater flow direction was not an error or result of a small spatial array, but rather a true onsite sub-gradient of the overall groundwater flow. A summary of primary groundwater flow directions is included as Table 6, and a rose diagram showing the reported primary groundwater flow directions is included as Figure 7.

SENSITIVE RECEPTORS

Human Health

Although the highest impact to groundwater lies beneath Mr. Lee's property at the German Autocraft site itself and beneath Garcia Avenue, the known lateral extent of the dissolved-phase contaminant plumes reaches approximately 300 feet downgradient (west) of the property line. The offsite portion of the plume underlies apartments and single family residences (some of which have basements). Residents of these homes, as well as commercial workers at the German Autocraft facility, are potential receptors of vapor intrusion offgassing from impacted soil/groundwater at depth.

In January 2009, to evaluate risk to human health, GCI advanced eight on- and off-site soil borings (SV-1 through SV-8) and collected grab groundwater samples. In immediately adjacent boreholes, GCI installed temporary dual-completion soil vapor sampling points (at depths of approximately 5.0 to 5.5 feet bgs and at approximately 12.5 to 14.0 feet bgs). The shallow points were installed within clayey soil, while the deeper points were placed across a 1-foot thick sandy unit identified during continuous core of the adjacent borings. Analytical results of the soil vapor samples were compared to the RWQCB-SF ESLs protective of vapor intrusion concerns under a commercial land use (for the on-site auto repair business) and residential (for the predominant offsite land use) for TPHg, BTEX, and MTBE. Analytical results of samples collected at the 5-foot depths did not exceed the onsite commercial or offsite residential ESLs, with the exception of SV-8 (which exceeded the residential ESL for TPHg) and SV-2 (which exceeded the residential ESL for benzene). Based on the results of the soil vapor sampling, GCI concluded that significant vertical attenuation is occurring and that results indicate that vapor intrusion concerns are unlikely based on commercial on-site and residential off-site uses.

Surface Water / Ecological

Based on Stratus' review of aerial photos of the surrounding area, no surface water bodies are present in near downgradient locations; no ecological receptors have been identified at this time.

Groundwater

According to previous consultants' reports, numerous shallow (<100 ft) private domestic wells are reportedly present in the vicinity of the site and reportedly used for seasonal irrigation by homeowners. Historical site documents indicate that East Bay Municipal Utility District (EBMUD) has provided back-flow prevention devices to owners where such wells have plumbed connections to the main house supply, but there is no certainty that all such situations have been addressed. EBMUD is the local water supplier, using mainly imported or local reservoir water for drinking water.

The only confirmed location of the reportedly numerous domestic irrigation wells in the immediate site vicinity is a privately owned irrigation well located at 141 Farrelly Drive, approximately 420 feet west of the site. The presence of this well was first discovered during neighborhood canvassing (for the purpose of access) by ETM during the 1995/1996 assessment. Most of the information about the well, as reported by ETM and GCI, comes from the property owner, Mr. Mitch Ramirez. According to Mr. Ramirez, the house on the property was built in 1949, and the well was already in existence at that time. The well was used for irrigation of the orchards that were present in the area before urban development. Mr. Ramirez reported that he used the well regularly for watering his landscaping. When LPH was discovered in boring ETM-38, approximately 120 feet upgradient from the 141 Farrelly Drive well, ETM and ACEHD took steps to stop the use of the well at 141 Farrelly Drive, in order to avoid human exposure and to stop any influence the well may have on groundwater gradient in the area. Mr. Ramirez was asked to allow Mr. Lee's consultants to collect groundwater samples from his well, and to cease use of the well. Groundwater analytical results for samples from the 141 Farrelly Drive well have never shown reportable concentrations of petroleum hydrocarbons.

Records about the construction of the well are vague and contradictory. Previous consultants ETM and GCI reported the diameter of the well to be 5, 2, and 10 inches on various occasions (Stratus technicians report that the well is 6 inches in diameter). Depth figures are also contradictory; previous consultants indicated total depths ranging from 28 to 65 feet. The screen/perforation interval for the well was unreported until GCI reported it to be 25 to 65 feet bgs in 2008. Overall, it appears that GCI was slowly accumulating information regarding the well construction details, but the data source is not apparent.

EXTENT OF IMPACT TO SOIL

Diesel fuel was not sold at the German Autocraft property when it was used as a retail gasoline service station (pre-1981), according to historic documentation available. In addition, MTBE was generally not used as a fuel additive until after the use of the USTs was discontinued at this property. Therefore, TPHg and BTEX are identified as the primary chemicals of concern (COCs) at the site. One of the USTs formerly used at the site stored leaded gasoline (550 gallon capacity) and, when removed, was noted to have holes and corrosion (tank no. 3). Lead, although reported in some soil samples collected at the site, is generally not mobile in groundwater at the pH levels

found at the site, and is therefore not identified as a COC at this time. A summary of all available historic soil sample analytical results is included as Table 2. Analytical results for the on-site soil samples are spatially illustrated on Figure 4.

Seasonal groundwater fluctuations in the area of the site indicate that the water table surface fluctuates between the two main lithologic zones, i.e., the upper fine-grained layer, and the mostly continuous sandy layer beneath it. A graph of groundwater elevations over time showing conceptualized hydrogeologic conditions beneath the site is included as Figure 6. Impacted groundwater present within the fine-grained sediments (whether fully saturated or capillary fringe) has likely resulted in adsorption/re-adsorption of hydrocarbons to clayey soils, resulting in a 'smearing' of the soil impact within the bottom 5 to 7 feet of the upper fine-grained unit. This 'smear-zone' is apparent in borings MW-1, MW-2, MW-3, MW-8, MW-10, CE-1, CE-2, B-1, ETM-1, ETM-2, and ETM-7. Soil from these borings was tested, either in the field using handheld photo/flame ionization detectors or through laboratory analysis, and hydrocarbon impact was not detected until just above groundwater. Boring B-2, located near the fuel UST pit, indicated hydrocarbon impact at approximately 12 feet bgs, which may indicate that location is part of the source area contamination.

In the vadose zone (surface to about 15 feet bgs), the highest concentrations of petroleum hydrocarbons were reported in samples collected from beneath the three northernmost USTs (tanks 1, 2, and 3). Maximum concentrations of TPHg and benzene of 840 and 2.6 milligrams per kilogram (mg/kg) were reported from beneath former tank no. 1. In the vicinity of the other potential onsite source area (fuel dispenser island and piping), one soil sample (P1-1) was collected at a depth of 3 feet bgs from beneath the former piping; no TPHg or BTEX was reported. One soil boring (B-1) was drilled 7 feet east of the southeast end of the former dispenser island; very low concentrations of TPHg (1.7 mg/kg) were reported in the 12-ft bgs sample.

In the smear zone (from about 15 to 30 feet bgs), the highest concentrations of petroleum hydrocarbons were reported in samples collected from boring B-3 at a depth of approximately 28 feet bgs. Maximum concentrations of TPHg and benzene of 2,100 and 63 mg/kg were reported from this location. Additional highly elevated smear zone soil impact is present at a depth of 20 feet bgs at boring CE-2 which was drilled within the UST pit (TPHg 1600 mg/kg; benzene 7.1 mg/kg). In the fully saturated zone beneath the site (>30 feet bgs), the highest concentrations of TPHg and benzene were detected in boring MW-2 at a depth of 31 feet bgs (6,300 and 110 mg/kg, respectively). Historical soil analytical results indicate relatively little off-site soil impact. Offsite, gasoline range organics (GRO) and benzene have been detected at maximum concentrations of 1.3 mg/kg (MW-8 at 31 feet bgs), and 0.026 mg/kg (ETM-2 at 22 feet bgs), respectively.

During the 1994/1995 assessments, soil samples from borings MW-2, MW-3, MW-4, CE-1, and CE-2 were analyzed for total lead. Sixteen of eighteen samples collected had total lead concentrations ranging from 4.0 to 7.9 mg/kg. Assuming this concentration can be considered a background measurement of the naturally-occurring levels of lead in soil beneath the site, the

concentrations of 23.5 and 12.4 mg/kg detected in boring CE-2 at 5 feet and 20 feet, respectively, may be indicative of impact from leaded gasoline.

Based on a spatial and temporal review of all historical soil analytical data collected at the site and surrounding areas and our understanding of the hydrogeologic conditions in the subsurface, it appears the characterization of the lateral and vertical extent of soil impact associated with the German Autocraft facility is adequate at this time.

EXTENT OF IMPACT TO GROUNDWATER

A total of fourteen permanent groundwater monitoring wells (MW-1 through MW-6, MW-8 through MW-14, and MW-1A) have been installed and sampled to evaluate the lateral extent of impact to the first encountered water-bearing zone beneath the site and site vicinity. A routine quarterly groundwater monitoring and sampling program was initiated at the site during the third quarter 1995 and is ongoing. Historical groundwater elevation data and groundwater analytical results (through first quarter 2010) are summarized on Table 3. Analytical results of quarterly groundwater samples indicate that the primary COCs for the site are TPHg and BTEX (groundwater has been tested for MTBE and other fuel oxygenates). The most recent groundwater monitoring and sampling event was conducted in March 2010 and the discussion of current impact to groundwater herein is based on that data. Iso-concentration contour maps for TPHg and benzene in groundwater, illustrating the most recent data available for each well, are included as Figures 8 and 9, respectively.

Historically, TPHg and BTEX impact has been reported in all existing monitoring wells installed at the site to monitor the lateral extent of impact, with the exception of the 141 Farrelly Drive irrigation well. In the mid-1990s when groundwater monitoring and sampling was first initiated, TPHg and BTEX levels were extremely high in on-site monitoring wells (MW-1, MW-2, and MW-3). Maximum TPHg and benzene concentrations of 1,100,000 micrograms per liter ($\mu\text{g/L}$) and 29,000 $\mu\text{g/L}$, respectively, were reported in samples collected from well MW-1 in 1995/1996. Over the 15 year routine monitoring/sampling period, TPHg and benzene concentrations have decreased in all wells. Current maximum TPHg and benzene concentrations of 49,000 $\mu\text{g/L}$ and 920 $\mu\text{g/L}$, respectively, were reported in samples collected from well MW-1 (TPHg) and well MW-4 (benzene) in December 2009.

Historically, the dominant groundwater off-site flow has been generally toward the west and west-northwest; the orientation of the COC plumes mirror this flow accordingly. As illustrated on Figures 8 and 9, the lateral extents of both the TPHg and benzene plumes in groundwater appear adequately defined by the low to non-detectable concentrations of COCs in the upgradient direction (MW-5), cross-gradient directions (MW-8, MW-13, MW-14 on the southwest and MW-6, MW-11 on the northeast), and downgradient direction (141 Farrelly well) and grab water samples from borings ETM-19, ETM-34 and ETM-35.

Grab groundwater samples from borings CE-1 and CE-2 and wells MW-1, MW-2, and MW-3 were analyzed for total lead in 1994/1995. Samples from wells MW-1, MW-2, and MW-3 contained total lead concentrations of 134, 411, and 237 µg/l, respectively. Grab groundwater samples from borings CE-1 and CE-2 contained total lead concentrations of 3,270 and 4,640 µg/l, respectively. Analysis for total lead in samples from all fourteen wells collected during the semi-annual groundwater monitoring and sampling event is planned for the third quarter 2010, in order to confirm background levels of total lead and to assess the extent of elevated total lead concentrations in groundwater.

IRAP - PROJECT APPROACH

The objective of the IRAP portion of this document is to present details associated with excavation and removal of impacted soil that was placed in the UST excavation. The removal of the USTs in 1990 and subsequent replacement of the impacted excavated soil back into the resultant excavation has allowed heavily impacted soil to remain in place as a primary source area. As an interim remedial measure, Stratus proposes the excavation of soil in the vicinity of the former USTs, to be excavated to the maximum feasible depth, within practical physical and safety parameters. The immediate reduction in source area soil contamination will hinder further percolation/leaching of adsorbed hydrocarbons from the impacted soil into shallow groundwater beneath the property, and will allow natural processes, enhanced by active future active remediation, to accelerate the reduction of groundwater impact to acceptable levels.

Stratus intends to initially excavate soil to a depth of approximately 14 feet bgs and remove the previously filled impacted soil. If substantially elevated concentrations (above approximately 1,000 parts per million as recorded by a photo-ionization detector [PID]) are encountered at the base of the 14-foot cavity or along the sidewalls, the excavation will be extended to an anticipated maximum depth of approximately 16 feet bgs, or as conditions allow. During the July 2010 meeting with ACEHD, it was decided, in order to maximize the financial benefit of the proposed excavation, it would be prudent to remove highly impacted soil around the former UST excavation, particularly since the shallow soil (in the upper 15-feet) is predominantly fine grained.

Stratus reviewed historical soil analytical data to evaluate if expansion of the UST excavation appears warranted based on available data. In general, fairly limited soil analytical data is available within the vadose zone around the UST excavation. Data is available from borings CE-1 (located west along Garcia Avenue), CE-2 located in the UST excavation, and B-2 (located southeast of the excavation). Petroleum hydrocarbons were not reported in boring CE-1 at 6, 11, or 15 feet bgs and therefore we do not anticipate extending the excavation towards Garcia Avenue. Petroleum hydrocarbons were not reported in soil samples collected in boring CE-1 at 5 and 10 feet bgs; however, at a depth of 15 feet bgs, GRO was reported (57 mg/Kg). In borings MW-1 and B-3, located north and east, respectively, of the UST excavation only faint to moderate hydrocarbon odors were reported between 13 and 20 feet bgs, therefore it is not anticipated that the excavation will be extended in the north and east directions. GRO was

reported at 4.7 mg/Kg in a soil sample collected at 12 feet bgs in boring B-2 located southeast of the UST excavation. Based on evaluation of the soil analytical data, expansion of the UST excavation does not appear warranted, however, as mentioned above, if highly impacted soil is observed, Stratus proposes to excavate and remove the soil.

Excavation is a preliminary remedial approach to mitigate impact in source area. Given the extent of petroleum hydrocarbon impact, Stratus proposes implementation of DPE as an additional interim remedial approach for this site. A separate addendum to this IRAP will be prepared and submitted proposing details associated with the installation of the full-scale DPE system and additional extraction wells needed for the cleanup work. In addition, the IRAP addendum will propose the installation of permanent onsite and offsite soil gas sampling points and propose work to fill any identified data gaps.

To meet the agreed-upon requirements of this SCM/IRAP, Status has provided text, and tabular and graphical summaries of all historic work and data collected at the site. An evaluation of this body of work has yielded no previously unidentified data gaps that require additional work at this time. In the section of this SCM/IRAP entitled '*Extent of Impact to Soil*', Stratus has demonstrated and concluded that, based on a spatial and temporal review of all historical soil analytical data collected at the site and surrounding areas and our understanding of the hydrogeologic conditions in the subsurface, it appears the characterization of the lateral and vertical extent of soil impact associated with the German Autocraft facility is adequate at this time. That said, since drilling is required as part of the scope of work proposed herein and ACEHD specifically requested the advancement of a soil boring directly through the former fuel-dispenser island location, one soil boring (B-4) is proposed herein. No other data gaps in site characterization data require additional work at this time.

Details associated with proposed soil boring B-4 at the former fuel-dispenser island, the destruction of monitoring wells MW-1 and MW-4 (within proposed excavation area), and the remedial soil excavation at the former USTs are presented in the subsequent sections of this IRAP.

SCOPE OF WORK

The scope of work has been subdivided into two major tasks: 1) the advancement and soil sampling of boring B-4 and the proper destruction of monitoring wells MW-1 and MW-4, and 2) the remedial excavation of soil in the vicinity of the former USTs. All work will be conducted under the direct supervision of a State of California Registered Geologist or Engineer, and will be conducted in accordance with standards established by the Tri-Regional Board document titled *Appendix A-Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites* (April 16, 2004) and RWQCB guidelines. A California-licensed C-57 drilling contractor will perform all drilling and well destruction activities. A California-licensed general contractor will perform all excavation activities.

Task 1: Soil Borings (B-4) and Well Destructions (MW-1 and MW-4)

Task 1A: Site Assessment Pre-Field Activities

Following receipt of ACEHD's approval of this IRAP, the following pre-field activities relating to the advancement of boring B-4 and the destruction of monitoring wells MW-1 and MW-4 will be completed:

- Obtain soil boring and well destruction permits from Alameda County Public Works Agency (ACPWA),
- Retain and schedule a licensed C-57 drilling contractor,
- Update the health and safety plan for the site,
- Mark boring locations and contact Underground Service Alert (USA) to locate underground utilities in the vicinity of the work site, and
- Notify ACEHD, ACPWA, and Mr. Lee of the scheduled field activities.

Task 1B: Direct Push Soil Boring Advancement and Soil Sampling

Proposed soil boring B-4 will be advanced to a total depth of approximately 30 feet bgs at the approximate location shown on Figure 10. The initial 5 feet of the boring will be advanced with a hand auger to reduce the possibility of damaging underground utilities. The boring will be advanced by a licensed well driller using a direct-push rig equipped with 2-inch diameter, 4-foot long steel rods. Soil samples will be collected continuously in disposable acetate sleeves. A sample from the sleeves will be collected at approximate five-foot intervals, changes in lithology, or in zones of impact (determined visually and/or via use of PID) and will be lined with Teflon™ sheets, capped, and sealed. Each sample will then be labeled, placed in a resealable plastic bag, and stored in an ice-chilled cooler. Chain-of-custody procedures will be followed from the time the samples are collected until the time the samples are relinquished to the laboratory. Soil contained in acetate sleeves will be screened for volatile organic compounds using a PID. Stratus will record PID readings, soil types, and other pertinent geologic data on a borehole log. A minimum of five soil samples will be submitted for chemical analyses: three from the vadose zone (surface to 15 feet bgs), one from the capillary fringe/smear zone (16 to 25 feet bgs) and one from the fully saturated zone at the base of the boring. Additional samples may be selected for chemical analyses based on soil type and field observations. Upon reaching the terminal depth, the borehole will be backfilled with neat cement grout to ground surface, or per ACPWA permit requirements.

Task 1C: Well Destructions

A licensed well driller will permanently destroy monitoring wells MW-1 and MW-4 via the pressurized injection of neat cement slurry grout into the 2-inch diameter well casings. To accomplish this, the slurry will be tremmied to the bottom of the well casings and will be

completely filled to the surface. Following placement of the neat cement, the well casing will be pressurized at 10-15 pounds per square inch (psi) for a period of approximately five minutes to force the grout through the well screen and out into the filter pack and formation. Once the pressure grouting has been completed, additional neat cement will be added to the well casing to 'top off' the grout seal to surface grade. The vault box covering the well will then be removed. The location may be patched with cold-patch asphalt or concrete, depending on when the excavation is scheduled to commence. Well abandonment method may be modified per ACPWA permit requirements.

Task 1D: Waste Management

Wastewater generated during field activities will be contained in DOT-approved 55-gallon steel drums. The drums will be properly labeled and stored at the site pending proper disposal. Soil cuttings will be stored temporarily in drums, but disposed of as part of the excavation soil. A licensed contractor will transport the wastewater to an appropriate facility for disposal.

Task 1E: Laboratory Analyses

Soil samples collected during this investigation will be analyzed for GRO using EPA Method 8015M; for BTEX, 1,2-dichloroethane (1,2-DCA), and ethylene dibromide (EDB) by EPA Method 8260B; and for total lead by EPA Method 6010.

Task 2: Remedial Soil Excavation and Backfill

To remove petroleum hydrocarbon mass from the subsurface, Stratus is proposing to perform a remedial soil excavation in the vicinity of former fuel UST locations. The approximate limits of the proposed excavation are depicted on Figure 10.

Task 2A: Excavation Pre-Field Activities

Following the completion of the soil borings and well destructions, Stratus will conduct the following pre-field activities:

- Obtain the appropriate permits from ACPWA, the City of San Leandro Building Department, and Bay Area Air Quality Management District (BAAQMD), if required
- Prepare a Stormwater Pollution Prevention Plan (SWPPP), if required,
- Update the health and safety plan for the site, as needed,
- Fully mark the proposed excavation location, obtain a USA Dig Alert ticket, and subcontract a private utility locator (to be done concurrently with similar in Task 1A)
- Notify ACEHD, ACPWA, BAAQMD, the City, and Mr. Lee, as required, of the scheduled field activities.

Task 2B: Excavation of Soil and Temporary Stockpiling

Stratus will retain the services of appropriately licensed subcontractors to excavate soil at the site, to transport excavated soil for off-site disposal, to transport clean fill material to the site, and to backfill the excavation cavity upon completion. Stratus personnel will be onsite during the excavation and backfill activities to supervise and direct the work, as appropriate.

Soil generated during the excavation will be placed on, and covered with, plastic sheeting and temporarily stored on-site pending proper disposal. Hay bales/straw wattles will be placed around the soil stockpiles to prevent runoff. Minimally impacted soil, and soil with obvious or documented impact, will be stockpiled separately from one other. Stockpiles will be located on the property in such a way to allow soil to remain segregated.

Given the proximity of the former USTs to both the property line and Mr. Lee's building, Stratus anticipates that, in order to safely complete the excavation to the desired depth (floor of excavation to approximately 14 feet), engineered shoring and/or benching may be required. Stratus proposes to install shoring parallel to the Garcia Avenue sidewalk (northwest edge of excavation) and along the building. Both the northeast and southwest edges of the excavation may be benched if necessary as illustrated in Figure 10.

Samples of the excavated soil will be chemically analyzed to determine an appropriate facility for disposal. Based on historical information collected from the site, Stratus anticipates that the soil will need to be transported to a Class II landfill for disposal. More than one landfill may be used for soil disposal, based on daily soil quantity quotas at the nearby facilities. At a minimum, Stratus will contact landfill facilities in Livermore, Richmond, and Milpitas regarding possible acceptance of waste soil. Landfills in Vacaville or Novato could also be contacted, if necessary. Once the soil has been accepted for disposal, an appropriate trucking contractor will haul the excavated material to the selected facility or facilities. During the excavation, Stratus and the selected contractor will attempt to separate minimally impacted/overburden soil from the more contaminated soil. By doing this, it may be possible to reduce soil transportation distances to an acceptable facility, resulting in more efficient removal of soil and possible cost savings for the work.

Upon completion of excavation activities, confirmation soil samples will be collected and submitted to a CADHS-certified analytical laboratory for chemical analyses. Sidewall samples will be collected at a depth of approximately 7 feet bgs, at approximately 25-foot linear spacing around the perimeter sidewalls of the final excavation. Within the floor of the excavation, confirmation soil samples will be collected in an approximate grid pattern on 25-foot centers. Soil samples will be collected in brass/stainless steel sleeves, capped, labeled, and identified on a chain-of-custody form. Samples will be placed in a resealable plastic bag and stored in an ice-chilled cooler, pending delivery to the laboratory. Samples will be analyzed for GRO by EPA Method 8015 Modified, for BTEX, 1,2-DCA, and EDB by EPA Method 8260B and for total lead by EPA Method 6010.

Task 2C: Backfill and Surface Completion

Following the completion of the excavation, engineering fill will be placed in the lowermost portion of the excavation cavity. The engineering fill will be placed in lifts of approximately 8-inches in thickness, and then compacted using heavy equipment (steel drum, 'brickfoot' roller, or similar). Prior to placing the fill, a licensed geotechnical firm will be retained to evaluate the physical properties of the selected engineering fill (i.e., moisture density proctor curves, maximum dry density, optimum moisture content, etc.). In addition, Stratus will forward samples of the backfill material to a CADHS-certified analytical laboratory for chemical analysis. Backfill samples will be analyzed for CAM17 metals (EPA Method 6020) and VOCs (EPA Method 8260 full scan). Engineering fill will be backfilled to approximately 1 foot below surface grade. Stratus proposes to place and compact about 8-inches of Class II aggregate base, followed by asphalt pavement.

Task 2D: Report Preparation

A report will be prepared to document work pertaining to the well destructions, soil boring, remedial soil excavation, and backfill of the excavation cavity. The report will include Department of Water Resources Well Completion Reports for the destroyed wells, a geologic boring logs for the soil boring, soil waste disposal documentation, data pertaining to the backfilling of the excavation, estimates regarding the mass of petroleum hydrocarbons removed during the excavation, tabulated analytical results, and copies of certified analytical reports.

LIMITATIONS

This SCM/IRAP was prepared in general accordance with accepted standards of care that existed at the time this work plan was prepared. No other warranty, expressed or implied, is made. Conclusions and recommendations are based on field observations and data obtained from this work and previous investigations. It should be recognized that definition and evaluation of geologic conditions is a difficult and somewhat inexact science. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface conditions present. More extensive studies may be performed to reduce uncertainties. This SCM/IRAP is solely for the use and information of our client, unless otherwise noted.

October 18, 2010

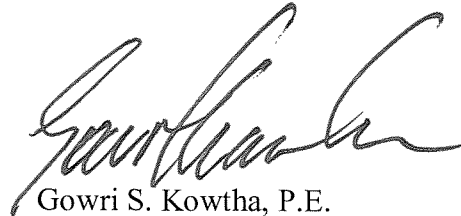
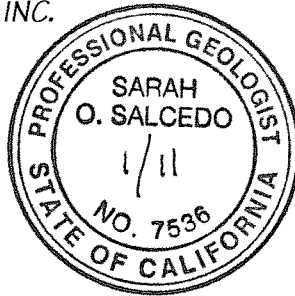
If you have any questions or comments concerning this document, please contact Sarah Salcedo at (530) 313-9966.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Sarah O. Salcedo, P.G.
Project Manager



Gowri S. Kowtha, P.E.
Principal Engineer

Attachments:

Table 1	Well Construction and Soil Boring Summary
Table 2	Historical Soil Analytical Summary
Table 3	Groundwater Elevation and Analytical Summary
Table 4	Historical Grab Groundwater Sample Analytical Summary
Table 5	Historical Soil Vapor Analytical Results
Table 6	Historical Groundwater Flow Direction and Gradient
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Site Vicinity Map
Figure 4	Soil Analytical Summary Map
Figure 5	Geologic Cross Section A-A'
Figure 6	Groundwater Elevations vs. Time (showing conceptualized hydrogeologic conditions)
Figure 7	Historical Groundwater Flow Direction Rose Diagram
Figure 8	GRO Iso-concentration Contour Map – First Quarter 2010
Figure 9	Benzene Iso-concentration Contour Map – First Quarter 2010
Figure 10	Proposed Excavation, Well Destructions, and Soil Boring
Appendix A	Pictures of Old UST Excavation and Backfill
Appendix B	Boring Logs
Appendix C	Historical Groundwater Elevation Contours

cc: Mr. Seung Lee, German Autocraft
Ms. Cherie McCaulou, RWQCB-SF

TABLE 1
WELL CONSTRUCTION AND SOIL BORING SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Boring/Well I.D.	Date	Boring Depth (feet)	Boring Diameter (inches)	Well Diameter (inches)	Well Depth (feet)	Screen Interval (feet bgs)	Slot Size (inches)	Drilling Method	Consultant
<i>Groundwater Monitoring Wells</i>									
MW-1	12/17/90	45	8	2	45	25-45	0.020	HSA	Environmental Const. Co.
MW-2	12/12/94	38	8	2	34	24-34	0.010	HSA	Chemist Enterprises
MW-3	12/12/94	38	8	2	35.5	25.5-35.5	0.010	HSA	Chemist Enterprises
MW-4	08/31/95	36.5	8	2	34	24-34	0.010	HSA	Chemist Enterprises
MW-1A	05/21/97	35	8	2	35	20-35	0.010	HSA	ALLCAL Prop. Serv. Inc.
MW-5	08/28/98	31.5	8	2	30	20-30	0.020	HSA	Env. Testing & Mgmt.
MW-6	08/27/98	36.5	8	2	35	20-35	0.020	HSA	Env. Testing & Mgmt.
MW-8	08/27/98	31.5	8	2	30	20-30	0.020	HSA	Env. Testing & Mgmt.
MW-9	08/31/98	36.5	8	2	35	20-35	0.020	HSA	Env. Testing & Mgmt.
MW-10	08/28/98	41.5	8	2	40	20-40	0.020	HSA	Env. Testing & Mgmt.
MW-11	08/28/98	36.5	8	2	35	20-35	0.020	HSA	Env. Testing & Mgmt.
MW-12	01/30/01	39.5	8	2	38	23-38	0.020	HSA	Env. Testing & Mgmt.
MW-13	01/30/01	38	8	2	38	23-38	0.020	HSA	Env. Testing & Mgmt.
MW-14	01/31/01	31.5	8	2	30	20-30	0.020	HSA	Env. Testing & Mgmt.
141 Farrelly	Prior to 1949	--	--	6	65	25-65	unknown	unknown	
<i>Soil Borings</i>									
B-1	12/11/90	36	8	--	--	--	--	HSA	Environmental Const. Co.
B-2	12/10/90	35	8	--	--	--	--	HSA	Environmental Const. Co.
B-3	12/10/90	35	8	--	--	--	--	HSA	Environmental Const. Co.
CE-1	12/13/94	30	8	--	--	--	--	HSA	Chemist Enterprises
CE-2	12/13/94	24.5	8	--	--	--	--	HSA	Chemist Enterprises
ETM-1	11/28/95	37	1	--	--	--	--	Geoprobe	Env. Testing & Mgmt.
ETM-2	11/28/95	30	1	--	--	--	--	Geoprobe	Env. Testing & Mgmt.
ETM-5	11/28-29/95	27	1	--	--	--	--	Geoprobe	Env. Testing & Mgmt.
ETM-6	11/29/95	29	1	--	--	--	--	Geoprobe	Env. Testing & Mgmt.
ETM-7	11/29/95	28	1	--	--	--	--	Geoprobe	Env. Testing & Mgmt.
ETM-10	11/30/95	27.3	1.5	--	--	--	--	Pneumatic	Env. Testing & Mgmt.
ETM-11	11/30/95	27.3	1.5	--	--	--	--	Pneumatic	Env. Testing & Mgmt.
ETM-17	03/25/96	30	1.5	--	--	--	--	Pneumatic	Env. Testing & Mgmt.
ETM-19	03/25/96	30	1.5	--	--	--	--	Pneumatic	Env. Testing & Mgmt.
ETM-21	03/26/96	24.5	1.5	--	--	--	--	Pneumatic	Env. Testing & Mgmt.
ETM-22	03/26/96	24.5	1.5	--	--	--	--	Pneumatic	Env. Testing & Mgmt.

TABLE 1
WELL CONSTRUCTION AND SOIL BORING SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Boring/Well I.D.	Date	Boring Depth (feet)	Boring Diameter (inches)	Well Diameter (inches)	Well Depth (feet)	Screen Interval (feet bgs)	Slot Size (inches)	Drilling Method	Consultant
<i>Soil Vapor Points</i>									
SV-1	01/06/09	30	2	0.25	6.0 13.5	5.5-6.0 13.0-13.5	-- --	Stratoprobe	Groundwater Cleaners, Inc.
SV-2	01/06/09	30	2	0.25	6.0 13.0	5.5-6.0 12.5-13.0	-- --	Stratoprobe	Groundwater Cleaners, Inc.
SV-3	01/08/09	30	2	0.25	5.5 13.5	5.0-5.5 13.0-13.5	-- --	Stratoprobe	Groundwater Cleaners, Inc.
SV-4	01/08/09	14.5	2	0.25	5.5 14.5	5.0-5.5 14.0-14.5	-- --	Stratoprobe	Groundwater Cleaners, Inc.
SV-5	01/07/09	24	2	0.25	5.5 14.0	5.0-5.5 13.5-14.0	-- --	Stratoprobe	Groundwater Cleaners, Inc.
SV-6	01/07/09	35	2	0.25	5.5 12.0	5.0-5.5 11.5-12.0	-- --	Stratoprobe	Groundwater Cleaners, Inc.
SV-7	01/06/09	30	2	0.25	6.0 13.0	5.5-6.0 12.5-13.0	-- --	Stratoprobe	Groundwater Cleaners, Inc.
SV-8	01/08/09	14	2	0.25	5.5 14.0	5.0-5.5 13.5-14.0	-- --	Stratoprobe	Groundwater Cleaners, Inc.
Notes: HSA = hollow stem auger									

TABLE 2
HISTORICAL SOIL ANALYTICAL SUMMARY

German Autocraft
301 East 14th Street, San Leandro, California

Sample ID	Date Collected	Sample Depth (feet bgs)	Oil and Grease (mg/kg)	DRO (mg/kg)	GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total Lead (mg/kg)
T-1-1	10/1/1990	10	--	--	840	0.51	5.4	6.8	13	--
T-1-2	10/1/1990	10	--	--	360	2.6	2.9	3.2	5.1	--
T-2-1	10/1/1990	10	--	--	33	0.35	0.43	0.55	0.93	--
T-2-2	10/1/1990	10	--	--	11	0.057	0.038	0.12	0.26	--
T-3-1	10/1/1990	10	--	--	360	0.41	0.27	1.7	3.9	--
T-4-1	10/1/1990	10	--	--	7.1	0.018	0.011	0.10	0.21	--
T-4-2	10/1/1990	10	--	--	35	0.047	0.014	0.47	0.85	--
T-5-1	10/1/1990	10	--	--	47	0.013	0.017	0.15	0.46	--
T-5-2	10/1/1990	10	--	--	<2.5	<0.005	<0.005	<0.005	<0.005	--
T-6-1	10/1/1990	7	<10	<5	<2.5	<0.005	<0.005	<0.005	<0.005	--
PI-1	11/2/1990	3	--	--	<2.5	<0.005	<0.005	<0.005	<0.005	--
CGS-1	10/1/1990	--	--	--	36	<0.005	0.10	1.4	0.31	--
CGS-2	10/1/1990	--	--	--	75	<0.005	0.059	0.13	0.39	--
CGS-3	10/1/1990	--	970	<5	<2.5	0.0098	0.010	0.043	0.0083	--
B1	12/11/1990	12	--	--	1.7	<0.005	<0.005	0.0098	0.029	--
		35	--	--	510	4.8	1.7	9.6	9.6	--
B2	12/10/1990	12	--	--	4.7	0.010	0.060	0.083	0.012	--
		35	--	--	10	0.86	0.90	0.31	0.38	--
B3	12/10/1990	28	--	--	2,100	63	130	50	70	--
		35	--	--	1,700	1.4	1.9	11	8.2	--
MW-1	12/17/1990	25	--	--	40	0.021	0.290	0.150	0.280	--
		35	--	--	6.6	<0.005	0.035	0.011	0.027	--
MW-2	12/12/1994	31	--	--	6,300	110	65	190	310	4.5
		36	--	--	0.77	0.015	0.006	0.038	0.085	4.9
MW-3	12/12/1994	21 ¹	--	--	0.074	0.024	0.013	<0.005	0.007	6.5
		21 ¹	--	--	<0.5	<0.005	<0.005	<0.005	<0.005	5.5
		26	--	--	6.8	0.16	0.033	0.16	0.21	6.2
		31	--	--	420	7.0	3.9	13	37	5.5
		36	--	--	0.86	0.10	0.007	0.037	0.078	6.2
		37.5	--	--	<0.5	0.058	0.009	0.018	0.035	<4.0
CE1	12/13/1994	6	--	--	<0.5	<0.005	<0.005	<0.005	<0.005	6.0
		11	--	--	<0.5	<0.005	<0.005	<0.005	<0.005	7.9
		16	--	--	<0.5	<0.005	0.008	<0.005	<0.005	7.1
		21	--	--	94	1.1	1.3	2.4	5.1	7.0
		26	--	--	160	5.6	6.6	7.3	16	6.3
CE2	12/13/1994	5	--	--	<0.5	<0.005	<0.005	<0.005	<0.005	23.5
		10	--	--	<0.5	<0.005	<0.005	<0.005	<0.005	5.7
		15	--	--	57	<0.005	<0.005	0.59	1.8	4.1
		20	--	--	1,600	7.1	75	41	170	12.4
MW-4	8/31/1995	0-36.5 ²	--	--	540	6.2	3.1	6.8	19	<0.40

TABLE 2
HISTORICAL SOIL ANALYTICAL SUMMARY

German Autocraft
301 East 14th Street, San Leandro, California

Sample ID	Date Collected	Sample Depth (feet bgs)	Oil and Grease (mg/kg)	DRO (mg/kg)	GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total Lead (mg/kg)
MW-1A	5/21/1997	20	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
ETM-1	11/28/1995	17	--	--	16	<0.05	<0.05	<0.05	<0.05	--
		22	--	--	8.4	0.029	<0.005	0.055	0.067	--
		24	--	--	76	0.82	1.8	2.8	3.8	--
		25.5	--	--	370	9.6	10	11	18	--
ETM-2	11/28/1995	22	--	--	0.54	0.026	<0.005	0.012	0.010	--
ETM-7	11/28/1995	23	--	--	<0.50	<0.005	<0.005	<0.005	0.011	--
		26	--	--	1.1	0.019	0.017	0.029	0.036	--
MW-5	8/28/1998	21	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
MW-8	8/27/1998	21	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
		31	--	--	1.3	0.0052	<0.005	<0.005	0.006	--
MW-9	8/31/1998	21	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
		36	--	--	<1	<0.019	<0.005	<0.005	<0.005	--
MW-10	8/28/1998	21.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
		31	--	--	<1	0.0054	<0.005	<0.005	<0.005	--
MW-11	8/28/1998	21	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
MW-12	1/30/2001	26.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
MW-13	1/30/2001	26.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	--
MW-14	1/30/2001	26.5	--	--	<1	<0.005	<0.005	<0.005	<0.005	--

Legend

DRO = Diesel range organics (C9-C24)
GRO = Gasoline range organics (C4 - C13)
BTEX = Benzene, toluene, ethylbenzene, and xylenes
mg/kg = milligrams per kilogram

Notes

1 = Split sample.
2 = Soil sample composited from drill cuttings.

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-1	12/21/1990	30.25	49.61	19.15	--	--	--	--	--	--	--	--	--	--	--
	12/31/1990	--	49.61	--	51,000	2,200	1,200	<0.5	760	--	--	--	--	--	--
	1/6/1995	--	49.61	--	110,000	13,000	15,000	4,800	13,000	--	--	--	--	--	134
	1/6/1995	--	49.61	--	580,000	29,000	41,000	17,000	43,000	--	--	--	--	--	--
	2/10/1995	20.02	49.61	29.59	--	--	--	--	--	--	--	--	--	--	--
	7/7/1995	22.77	49.4	26.63	49,000	8,000	17,000	1,900	9,700	--	--	--	--	--	--
	8/10/1995	23.82	49.4	25.58	--	--	--	--	--	--	--	--	--	--	--
	9/11/1995	24.72	49.4	24.68	--	--	--	--	--	--	--	--	--	--	--
	10/2/1995	25.28	49.4	24.12	120,000	16,000	36,000	3,300	17,000	--	--	--	--	--	--
	10/2/1995	--	49.4	--	160,000	20,000	47,000	5,000	23,000	--	--	--	--	--	--
	11/7/1995	26.04	49.4	23.36	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	18.77	49.4	22.77	--	--	--	--	--	--	--	--	--	--	--
	1/12/1996	25.05	49.4	24.35	1,100,000	11,000	18,000	15,000	51,000	18,000 [2]	--	--	--	--	--
	1/12/1996	--	49.4	--	98,000	2,100	4,600	2,500	10,000	<5,000	--	--	--	--	--
	2/12/1996	20.36	49.4	29.04	--	--	--	--	--	--	--	--	--	--	--
	3/12/1996	17.65	49.4	31.75	--	--	--	--	--	--	--	--	--	--	--
	4/13/1996	19.97	49.4	29.43	53,000	1,300	2,900	2,100	10,000	<5,000	--	--	--	--	--
	4/13/1996	--	49.4	--	58,000	820	3,600	2,800	12,000	<5,000	--	--	--	--	--
	5/14/1996	21.51	49.4	27.89	--	--	--	--	--	--	--	--	--	--	--
	6/20/1996	22.21	49.4	27.19	--	--	--	--	--	--	--	--	--	--	--
	7/26/1996	23.45	49.4	25.95	91,000	2,600	7,200	2,900	14,000	<5,000	--	--	--	--	--
	7/26/1996	--	49.4	--	67,000	2,300	5,500	2,500	11,000	<5,000	--	--	--	--	--
	8/19/1996	24.24	49.4	25.16	--	--	--	--	--	--	--	--	--	--	--
	9/17/1996	24.96	49.4	24.44	--	--	--	--	--	--	--	--	--	--	--
	10/21/1996	25.77	49.4	23.63	210,000	4,800	17,000	2,300	15,000	--	--	--	--	--	--
	10/21/1996	--	49.4	--	210,000	5,400	18,000	2,600	11,000	--	--	--	--	--	--
	11/27/1996	25.12	49.4	24.28	--	--	--	--	--	--	--	--	--	--	--
	12/27/1996	21.17	49.4	28.23	--	--	--	--	--	--	--	--	--	--	--
	1/28/1997	16.38	49.4	33.02	120,000	5,600	15,000	2,100	11,000	--	--	--	--	--	--
	1/28/1997	--	49.4	--	130,000	5,500	15,000	2,300	12,000	--	--	--	--	--	--
	4/25/1997	22.26	49.4	27.14	180,000	6,900	20,000	2,600	13,000	--	--	--	--	--	--
	4/25/1997	--	49.4	--	170,000	6,500	20,000	2,500	13,000	--	--	--	--	--	--
7/17/1997	24.85	49.4	24.55	220,000	8,300	41,000	2,700	16,000	--	--	--	--	--	--	
10/21/1997	26.55	49.4	22.85	240,000	9,400	33,000	3,300	22,000	--	--	--	--	--	--	
3/10/1998	15.05	49.4	34.35	120,000	11,000	46,000	3,700	21,000	--	--	--	--	--	--	
6/6/1998	18.71	49.4	30.69	110,000	7,600	32,000	4,800	23,000	<5.0	<20	<5.0	<5.0	<5.0	--	
9/30/1998	23.45	49.4	25.95	140,000	5,800	29,000	3,500	18,000	--	--	--	--	--	--	
12/30/1998	24.27	49.4	25.13	78,000	5,200	24,000	3,200	19,000	<500	<2,000	<500	<500	<500	--	

**TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY**

German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-1 (con't)	3/13/1999	19.42	49.4	29.98	--	--	--	--	--	--	--	--	--	--	--
	3/23/1999	--	49.4	--	250,000	8,000	43,000	5,200	27,000	--	--	--	--	--	--
	9/29/1999	25.01	49.4	24.39	140,000	6,100	35,000	5,400	27,000	--	--	--	--	--	--
	12/29/1999	25.65	49.4	23.75	--	--	--	--	--	--	--	--	--	--	--
	3/18/2000	17.48	49.4	31.92	120,000	5,100	33,000	4,600	24,000	--	--	--	--	--	--
	7/18/2000	23.19	49.4	26.21	--	--	--	--	--	--	--	--	--	--	--
	9/26/2000	24.39	49.4	25.01	--	--	--	--	--	--	--	--	--	--	--
	12/28/2000	24.77	49.4	24.63	--	--	--	--	--	--	--	--	--	--	--
	3/20/2001	--	49.4	--	100,000	3,600	41,000	4,700	25,000	<1,250	--	--	--	--	--
	3/30/2001	21.93	49.4	27.47	--	--	--	--	--	--	--	--	--	--	--
	10/5/2001	25.58	49.4	23.82	--	--	--	--	--	--	--	--	--	--	--
	3/28/2002	20.74	49.4	28.66	100,000	2,800	24,000	5,400	28,900	--	--	--	--	--	--
	3/31/2003	22.72	49.4	26.68	100,000	2,200	19,000	4,900	21,000	--	--	--	--	--	--
	6/19/2003	23.17	49.4	26.23	--	--	--	--	--	--	--	--	--	--	--
	9/30/2003	25.35	49.4	24.05	--	--	--	--	--	--	--	--	--	--	--
	2/10/2004	22.44	49.4	26.96	--	--	--	--	--	--	--	--	--	--	--
	3/31/2004	--	49.4	--	100,000	2,100	21,000	6,200	36,000	--	--	--	--	--	--
	6/30/2004	24.67	49.4	24.73	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004	27.89	49.4	21.51	160,000	1,800	16,000	5,500	30,000	--	--	--	--	--	--
	3/29/2006	18.84	49.4	30.56	69,000	1,400	16,000	4,900	28,000	--	--	--	--	--	--
	6/24/2006	20.57	49.4	28.83	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	23.53	49.4	25.87	120,000	1,400	13,000	5,200	29,000	<500	--	--	--	--	--
	12/11/2006	22.78	49.4	26.29	--	--	--	--	--	--	--	--	--	--	--
	3/16/2007	--	49.4	--	--	--	--	--	--	--	--	--	--	--	--
	6/10/2007	24.36	49.4	25.04	--	--	--	--	--	--	--	--	--	--	--
	9/14/2007	25.92	49.4	23.48	92,000	1,000	9,400	4,300	23,000	<250	--	--	--	--	--
12/14/2007	26.22	49.4	23.18	--	--	--	--	--	--	--	--	--	--	--	
3/12/2008	22.40	49.4	27	--	--	--	--	--	--	--	--	--	--	--	
6/11/2008	24.97	49.4	24.43	--	--	--	--	--	--	--	--	--	--	--	
9/5/2008	26.44	49.4	22.96	110,000	1,000	11,000	4,200	21,000	<250	--	--	--	--	--	
12/13/2008	27.16	49.4	22.24	--	--	--	--	--	--	--	--	--	--	--	
3/14/2009	21.82	49.4	27.58	110,000	1,000	14,000	3,700	21,000	<1,000	--	--	--	--	--	
12/7/2009	26.42	49.4	22.98	49,000	540	5,500	2,000	9,400	<100	--	--	--	--	--	
3/15/2010	21.21	49.4	28.19	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY

German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-2	1/6/1995	--	--	--	980,000	9,400	5,600	19,000	42,000	--	--	--	--	--	411
	2/10/1995	20.52	50.14	29.62	--	--	--	--	--	--	--	--	--	--	--
	7/7/1995	23.55	50.02	26.47	71,000	5,300	1,800	6,100	9,000	--	--	--	--	--	--
	8/10/1995	24.62	50.02	25.4	--	--	--	--	--	--	--	--	--	--	--
	9/11/1995	25.53	50.02	24.49	--	--	--	--	--	--	--	--	--	--	--
	10/2/1995	26.08	50.02	23.94	40,000	2,900	200	2,800	3,600	--	--	--	--	--	--
	11/7/1995	26.89	50.02	23.13	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	27.47	50.02	22.55	--	--	--	--	--	--	--	--	--	--	--
	1/12/1996	25.82	50.02	24.2	260,000	2,600	2,200	6,300	7,800	<12,500	--	--	--	--	--
	2/12/1996	20.99	50.02	29.03	--	--	--	--	--	--	--	--	--	--	--
	3/12/1996	18.42	50.02	31.6	--	--	--	--	--	--	--	--	--	--	--
	4/13/1996	20.77	50.02	29.25	30,000	1,900	370	2,300	2,400	520 [2]	--	--	--	--	--
	4/29/1996	--	50.02	--	--	930	<25	1,200	1,400	--	--	--	--	--	--
	5/14/1996	22.34	50.02	27.68	--	--	--	--	--	--	--	--	--	--	--
	6/20/1996	23.05	50.02	26.97	--	--	--	--	--	--	--	--	--	--	--
	7/26/1996	24.28	50.02	25.74	180,000	1,400	640	2,100	5,000	<5,000	--	--	--	--	--
	8/19/1996	25.05	50.02	24.97	--	--	--	--	--	--	--	--	--	--	--
	9/17/1996	25.80	50.02	24.22	--	--	--	--	--	--	--	--	--	--	--
	10/21/1996	26.59	50.02	23.43	62,000	2,100	<0.5	2,100	2,700	--	--	--	--	--	--
	11/27/1996	25.93	50.02	24.09	--	--	--	--	--	--	--	--	--	--	--
	12/27/1996	21.99	50.02	28.03	--	--	--	--	--	--	--	--	--	--	--
	1/28/1997	17.31	50.02	32.71	46,000	1,500	94	1,800	2,000	--	--	--	--	--	--
	4/25/1997	23.14	50.02	26.88	23,000	790	26	820	730	--	--	--	--	--	--
	7/17/1997	25.71	50.02	24.31	95,000	2,200	<0.5	3,100	4,300	--	--	--	--	--	--
	10/21/1997	27.33	50.02	22.69	31,000	2,000	<0.5	2,100	1,900	--	--	--	--	--	--
	3/10/1998	15.82	50.02	34.2	19,000	730	44	820	1,000	--	--	--	--	--	--
	6/6/1998	19.61	50.02	30.41	16,000	670	1,100	510	1,200	<5.0	<20	<5.0	<5.0	<5.0	--
9/30/1998	24.34	50.02	25.68	24,000	600	77	680	580	--	--	--	--	--	--	
12/30/1998	25.09	50.02	24.93	9,300	510	96	450	480	<50	<200	<50	<50	<50	--	
3/13/1999	20.22	50.02	29.8	--	--	--	--	--	--	--	--	--	--	--	
3/23/1999	--	50.02	--	5,700	580	9.4	400	280	--	--	--	--	--	--	
9/29/1999	25.90	50.02	24.12	17,000	880	240	830	1,000	--	--	--	--	--	--	
12/29/1999	26.50	50.02	23.52	11,000	800	11	860	780	--	--	--	--	--	--	
3/18/2000	18.15	50.02	31.87	11,000	790	14	520	450	--	--	--	--	--	--	
7/18/2000	24.01	50.02	26.01	10,000	560	27	630	530	--	--	--	--	--	--	
9/26/2000	25.33	50.02	24.69	6,800	450	7.4	290	200	--	--	--	--	--	--	
12/28/2000	25.63	50.02	24.39	12,000	540	30	420	330	--	--	--	--	--	--	
3/30/2001	22.71	50.02	27.31	3,500	230	<10	<10	<10	<100	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-2 (con't)	10/5/2001	26.38	50.02	23.64	--	--	--	--	--	--	--	--	--	--	--
	3/28/2002	21.59	50.02	28.43	7,000	570	16	170	71	--	--	--	--	--	--
	9/30/2002	25.84	50.02	24.18	--	--	--	--	--	--	--	--	--	--	--
	3/31/2003	23.63	50.02	26.39	5,000	620	<12.5	71	<25	--	--	--	--	--	--
	6/19/2003	23.98	50.02	26.04	--	--	--	--	--	--	--	--	--	--	--
	9/30/2003	26.19	50.02	23.83	--	--	--	--	--	--	--	--	--	--	--
	2/10/2004	23.27	50.02	26.75	--	--	--	--	--	--	--	--	--	--	--
	3/31/2004	--	50.02	--	8,200	500	<12.5	65	<25	--	--	--	--	--	--
	6/30/2004	25.45	50.02	24.57	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004	26.70	50.02	23.32	9,000	560	<13	57	<25	--	--	--	--	--	--
	3/29/2006	19.61	50.02	30.41	5,200	1,400	<20	52	<20	--	--	--	--	--	--
	6/24/2006	21.41	50.02	28.61	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	24.37	50.02	25.65	4,800	900	64	22	110	<50	--	--	--	--	--
	12/11/2006	23.92	50.02	26.1	--	--	--	--	--	--	--	--	--	--	--
	3/16/2007	22.78	50.02	27.24	--	--	--	--	--	--	--	--	--	--	--
	6/10/2007	25.12	50.02	24.9	--	--	--	--	--	--	--	--	--	--	--
	9/14/2007	26.63	50.02	23.39	11,000	2,200	53	72	150	<50	--	--	--	--	--
	12/14/2007	26.58	50.02	23.44	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	23.10	50.02	26.92	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	25.71	50.02	24.31	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	27.14	50.02	22.88	10,000	1,000	49	120	120	<100	--	--	--	--	--	
12/13/2008	27.83	50.02	22.19	--	--	--	--	--	--	--	--	--	--	--	
3/14/2009	22.38	50.02	27.64	9,800	270	28	210	110	<110	--	--	--	--	--	
6/3/2009	25.27	50.02	24.75	--	--	--	--	--	--	--	--	--	--	--	
12/7/2009	27.11	50.02	22.91	9,000	150	48	170	110	<50	--	--	--	--	--	
3/15/2010	21.98	50.02	28.04	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-3	1/6/1995	--	49.32	--	740,000	11,000	2,300	8,300	28,000	--	--	--	--	--	237
	2/10/1995	19.75	49.32	29.57	--	--	--	--	--	--	--	--	--	--	--
	7/7/1995	22.82	49.32	26.5	86,000	12,000	8,600	4,900	19,000	--	--	--	--	--	--
	8/10/1995	23.88	49.32	25.44	--	--	--	--	--	--	--	--	--	--	--
	9/11/1995	24.78	49.32	24.54	--	--	--	--	--	--	--	--	--	--	--
	10/2/1995	25.32	49.32	24	100,000	15,000	11,000	6,000	20,000	--	--	--	--	--	--
	11/7/1995	26.11	49.32	23.21	--	--	--	--	--	--	--	--	--	--	--
	12/8/1995	26.70	49.32	22.62	--	--	--	--	--	--	--	--	--	--	--
	1/12/1996	25.07	49.32	24.25	84,000	6,500	4,100	3,200	12,000	<5,000	--	--	--	--	--
	2/12/1996	20.32	49.32	29	--	--	--	--	--	--	--	--	--	--	--
	3/12/1996	17.65	49.32	31.67	--	--	--	--	--	--	--	--	--	--	--
	4/13/1996	20.06	49.32	29.26	48,000	7,600	3,600	2,800	9,400	<2,500	--	--	--	--	--
	5/14/1996	21.61	49.32	27.71	--	--	--	--	--	--	--	--	--	--	--
	6/20/1996	22.32	49.32	27	--	--	--	--	--	--	--	--	--	--	--
	7/26/1996	23.65	49.32	25.67	62,000	6,400	3,100	3,000	11,000	<2,500	--	--	--	--	--
	8/19/1996	24.31	49.32	25.01	--	--	--	--	--	--	--	--	--	--	--
	9/17/1996	25.05	49.32	24.27	--	--	--	--	--	--	--	--	--	--	--
	10/21/1996	25.84	49.32	23.48	110,000	5,400	2,400	2,500	9,800	--	--	--	--	--	--
	11/27/1996	25.19	49.32	24.13	--	--	--	--	--	--	--	--	--	--	--
	12/27/1996	21.21	49.32	28.11	--	--	--	--	--	--	--	--	--	--	--
	1/28/1997	16.54	49.32	32.78	130,000	5,500	15,000	2,300	12,000	--	--	--	--	--	--
	4/25/1997	22.38	49.32	26.94	180,000	6,900	20,000	2,600	13,000	--	--	--	--	--	--
	7/17/1997	24.95	49.32	24.37	69,000	5,100	1,100	1,800	8,600	--	--	--	--	--	--
	10/21/1997	26.59	49.32	22.73	58,000	4,300	1,300	2,100	8,000	--	--	--	--	--	--
	3/10/1998	15.19	49.32	34.13	25,000	3,000	1,300	1,100	3,700	--	--	--	--	--	--
	6/6/1998	18.85	49.32	30.47	52,000	4,400	1,900	2,300	6,900	<5.0	<20	<5.0	<5.0	<5.0	--
	9/30/1998	23.57	49.32	25.75	42,000	4,300	1,400	1,800	6,600	--	--	--	--	--	--
12/30/1998	24.33	49.32	24.99	34,000	4,200	770	2,300	9,000	<500	<2,000	<500	<500	<500	--	
3/13/1999	19.49	49.32	29.83	44,000	3,500	1,000	1,700	5,200	--	--	--	--	--	--	
9/29/1999	25.12	49.32	24.2	39,000	6,000	840	2,400	8,100	--	--	--	--	--	--	
12/29/1999	25.72	49.32	23.6	39,000	4,600	790	2,400	8,100	--	--	--	--	--	--	
3/18/2000	17.50	49.32	31.82	21,000	3,100	550	1,400	4,100	--	--	--	--	--	--	
7/18/2000	23.28	49.32	26.04	30,000	5,000	950	2,000	5,700	--	--	--	--	--	--	
9/26/2000	24.52	49.32	24.8	36,000	5,300	640	2,400	9,900	--	--	--	--	--	--	
12/28/2000	24.87	49.32	24.45	33,000	4,700	450	2,100	6,400	--	--	--	--	--	--	
3/20/2001	--	49.32	--	21,000	2,000	260	570	3,000	<500	--	--	--	--	--	
3/30/2001	21.93	49.32	27.39	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	25.62	49.32	23.7	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-3 (con't)	3/28/2002	20.83	49.32	28.49	--	--	--	--	--	--	--	--	--	--	--
	9/30/2002	25.20	49.32	24.12	--	--	--	--	--	--	--	--	--	--	--
	3/31/2003	22.82	49.32	26.5	25,000	3,200	280	1,600	4,200	--	--	--	--	--	--
	6/19/2003	23.29	49.32	26.03	--	--	--	--	--	--	--	--	--	--	--
	9/30/2003	25.50	49.32	23.82	--	--	--	--	--	--	--	--	--	--	--
	2/10/2004	22.53	49.32	26.79	--	--	--	--	--	--	--	--	--	--	--
	3/31/2004	--	49.32	--	11,000	1,000	940	550	1,900	--	--	--	--	--	--
	6/30/2004	24.73	49.32	24.59	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004	27.93	49.32	21.39	42,000	3,600	190	2,200	4,800	--	--	--	--	--	--
	3/29/2006	18.87	49.32	30.45	7,200	180	17	460	680	--	--	--	--	--	--
	6/24/2006	22.65	49.32	26.67	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	24.49	49.32	24.83	7,100	130	94	500	820	<50	--	--	--	--	--
	12/11/2006	23.03	49.32	26.29	--	--	--	--	--	--	--	--	--	--	--
	3/16/2007	21.97	49.32	27.35	--	--	--	--	--	--	--	--	--	--	--
	6/10/2007	24.28	49.32	25.04	--	--	--	--	--	--	--	--	--	--	--
	9/14/2007	25.75	49.32	23.57	6,700	16	44	200	400	<10	--	--	--	--	--
	12/14/2007	25.96	49.32	23.36	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	22.31	49.32	27.01	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	24.8	49.32	24.52	--	--	--	--	--	--	--	--	--	--	--
	9/5/2008	26.23	49.32	23.09	6,300	7.6	82	92	290	<5.0	--	--	--	--	--
12/13/2008	26.93	49.32	22.39	--	--	--	--	--	--	--	--	--	--	--	
3/14/2009	21.65	49.32	27.67	3,300	13	17	56	140	<50	--	--	--	--	--	
12/7/2009	26.20	49.32	23.12	2,800	13	43	74	150	<50	--	--	--	--	--	
3/15/2010	21.15	49.32	28.17	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-4	12/30/1998	24.56	49.61	25.05	12,000	1,200	1,100	290	1,400	<100	<400	<100	<100	<100	--
	3/13/1999	19.72	49.61	29.89	--	--	--	--	--	--	--	--	--	--	--
	3/23/1999	--	49.61	--	89,000	5,900	8,700	2,000	9,200	--	--	--	--	--	--
	9/29/1999	25.34	49.61	24.27	48,000	5,300	6,800	1,700	7,700	--	--	--	--	--	--
	12/29/1999	25.97	49.61	23.64	--	--	--	--	--	--	--	--	--	--	--
	3/18/2000	17.76	49.61	31.85	44,000	4,500	7,500	2,200	11,000	--	--	--	--	--	--
	12/28/2000	25.09	49.61	24.52	--	--	--	--	--	--	--	--	--	--	--
	3/30/2001	22.21	49.61	27.4	10,000	700	620	<10	1,900	<100	--	--	--	--	--
	10/5/2001	25.84	49.61	23.77	--	--	--	--	--	--	--	--	--	--	--
	3/28/2002	21.03	49.61	28.58	30,000	3,700	3,100	1,100	4,100	--	--	--	--	--	--
	9/30/2002	25.29	49.61	24.32	--	--	--	--	--	--	--	--	--	--	--
	3/31/2003	23.02	49.61	26.59	25,000	2,000	2,100	820	2,900	--	--	--	--	--	--
	6/19/2003	23.45	49.61	26.16	--	--	--	--	--	--	--	--	--	--	--
	9/30/2003	25.65	49.61	23.96	--	--	--	--	--	--	--	--	--	--	--
	3/31/2004	--	49.61	--	24,000	2,500	200	1,400	2,800	--	--	--	--	--	--
	9/14/2004	28.16	49.61	21.45	14,000	760	550	430	1,600	--	--	--	--	--	--
	3/29/2006	19.87	49.61	29.74	17,000	2,000	1,200	910	2,400	--	--	--	--	--	--
	6/24/2006	22.86	49.61	26.75	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	23.94	49.61	25.67	4,000	440	120	240	360	<50	--	--	--	--	--
	12/11/2006	23.36	49.61	26.25	--	--	--	--	--	--	--	--	--	--	--
	3/16/2007	22.26	49.61	27.35	--	--	--	--	--	--	--	--	--	--	--
	6/10/2007	24.60	49.61	25.01	--	--	--	--	--	--	--	--	--	--	--
	9/14/2007	26.11	49.61	23.5	10,000	1,300	96	440	560	<50	--	--	--	--	--
	12/14/2007	26.39	49.61	23.22	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	22.62	49.61	26.99	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	25.19	49.61	24.42	--	--	--	--	--	--	--	--	--	--	--
	9/5/2008	26.64	49.61	22.97	12,000	1,400	110	960	840	<300	--	--	--	--	--
	12/13/2008	27.36	49.61	22.25	--	--	--	--	--	--	--	--	--	--	--
	3/14/2009	21.96	49.61	27.65	44,000	1,700	1,000	2,600	6,700	<250	--	--	--	--	--
	12/7/2009	26.60	49.61	23.01	26,000	920	160	2,100	3,200	<250	--	--	--	--	--
3/15/2010	21.59	49.61	28.02	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)	
MW-5	12/30/1998	24.51	49.57	25.06	170	1.1	<0.5	<0.5	4.8	<5.0	<20	<5.0	<5.0	<5.0	--	
	3/13/1999	19.64	49.57	29.93	--	--	--	--	--	--	--	--	--	--	--	
	3/22/1999	--	49.57	--	470	3.8	0.51	2	<0.5	--	--	--	--	--	--	
	9/29/1999	25.31	49.57	24.26	1,200	13	4.2	2.7	4.2	--	--	--	--	--	--	
	3/18/2000	25.93	49.57	23.64	660	5.5	0.62	1.6	1.7	--	--	--	--	--	--	
	3/28/2002	17.63	49.57	31.94	--	--	--	--	--	--	--	--	--	--	--	--
	3/29/2006	--	49.57	--	190	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
	9/30/2006	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	9/14/2007	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2007	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	9/5/2008	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/2008	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/2009	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/2009	Dry	49.57	n/a	--	--	--	--	--	--	--	--	--	--	--	--
	3/15/2010	21.46	49.57	28.11	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-6	12/30/1998	22.92	48.06	25.14	400	1	<0.5	<0.5	4.8	<5.0	<20	<5.0	<5.0	<5.0	--
	3/13/1999	18.09	48.06	29.97	--	--	--	--	--	--	--	--	--	--	--
	3/22/1999	--	48.06	--	390	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/29/1999	23.68	48.06	24.38	330	1.8	1.4	1.5	<0.5	--	--	--	--	--	--
	12/29/1999	24.31	48.06	23.75	--	--	--	--	--	--	--	--	--	--	--
	3/18/2000	16.20	48.06	31.86	200	1.3	<0.5	<0.5	<0.5	--	--	--	--	--	--
	7/18/2000	21.84	48.06	26.22	--	--	--	--	--	--	--	--	--	--	--
	9/26/2000	23.11	48.06	24.95	240	1.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/2000	23.45	48.06	24.61	--	--	--	--	--	--	--	--	--	--	--
	3/20/2001	--	48.06	--	160	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	3/30/2001	20.65	48.06	27.41	--	--	--	--	--	--	--	--	--	--	--
	10/5/2001	24.24	48.06	23.82	--	--	--	--	--	--	--	--	--	--	--
	3/28/2002	19.41	48.06	28.65	88	0.89	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/30/2002	23.65	48.06	24.41	--	--	--	--	--	--	--	--	--	--	--
	3/29/2006	--	48.06	--	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	22.33	48.06	25.73	280	5.5	24	14	69	<5.0	--	--	--	--	--
	9/14/2007	24.58	48.06	23.48	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	12/14/2007	24.88	48.06	23.18	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	21.03	48.06	27.03	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	23.62	48.06	24.44	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	25.10	48.06	22.96	84	0.92	0.76	1.7	3.5	<5.0	--	--	--	--	--	
12/13/2008	25.81	48.06	22.25	--	--	--	--	--	--	--	--	--	--	--	
6/3/2009	23.20	48.06	24.86	--	--	--	--	--	--	--	--	--	--	--	
3/15/2010	19.87	48.06	28.19	--	--	--	--	--	--	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-8	12/30/1998	24.21	49.35	25.14	2,200	70	0.94	26	15	<50	<200	<50	<50	<50	--
	3/13/1999	--	49.35	--	--	--	--	--	--	--	--	--	--	--	--
	3/23/1999	--	49.35	--	2,300	34	1.1	15	13	--	--	--	--	--	--
	9/29/1999	--	49.35	--	8,800	140	<50	53	<50	--	--	--	--	--	--
	12/29/1999	--	49.35	--	1,900	64	1	22	23	--	--	--	--	--	--
	3/18/2000	--	49.35	--	1,400	36	<0.5	12	9.3	--	--	--	--	--	--
	7/18/2000	--	49.35	--	3,000	67	9.8	38	38	--	--	--	--	--	--
	9/26/2000	--	49.35	--	1,200	24	3	24	15	--	--	--	--	--	--
	12/28/2000	--	49.35	--	1,200	47	3.7	17	18	--	--	--	--	--	--
	3/20/2001	--	49.35	--	1,300	7.8	<2.5	<2.5	14	<25	--	--	--	--	--
	3/30/2001	--	49.35	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/2001	--	49.35	--	1,800	28	<2.5	20	23	--	--	--	--	--	--
	3/28/2002	--	49.35	--	1,100	12	1.7	11	10.8	--	--	--	--	--	--
	9/30/2002	--	49.35	--	1,400	15	24	32	22	--	--	--	--	--	--
	9/30/2006	24.07	49.35	25.28	760	4.9	31	13	64	<5.0	--	--	--	--	--
	3/16/2007	--	49.35	--	370	<0.5	8.1	0.52	0.94	<5.0	--	--	--	--	--
	9/14/2007	26.12	49.35	23.23	1,300	1.3	20	3	1.6	<5.0	--	--	--	--	--
	12/14/2007	26.35	49.35	23	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	22.65	49.35	26.7	520	1.4	11	3.9	5.6	<5.0	--	--	--	--	--
	6/11/2008	25.23	49.35	24.12	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	26.62	49.35	22.73	1,800	1.9	30	5	4	<25	--	--	--	--	--	
12/13/2008	27.30	49.35	22.05	--	--	--	--	--	--	--	--	--	--	--	
3/14/2009	21.80	49.35	27.55	950	3.1	42	36	180	<5.0	--	--	--	--	--	
6/3/2009	24.83	49.35	24.52	--	--	--	--	--	--	--	--	--	--	--	
12/7/2009	26.58	49.35	22.77	2,200	2.2	42	10	19	<5.0	--	--	--	--	--	
3/15/2010	21.48	49.35	27.87	90	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-9	12/30/1998	23.98	48.77	24.79	25,000	23	<10	180	620	<50	<200	<50	<50	<50	--
	3/13/1999	19.19	48.77	29.58	--	--	--	--	--	--	--	--	--	--	--
	3/23/1999	--	48.77	--	27,000	35	<20	600	920	--	--	--	--	--	--
	9/29/1999	24.72	48.77	24.05	42,000	140	130	1,000	1,700	--	--	--	--	--	--
	12/29/1999	25.32	48.77	23.45	1,100,000	1,200	1,300	4,300	8,700	--	--	--	--	--	--
	3/18/2000	17.31	48.77	31.46	17,000	89	46	10	600	--	--	--	--	--	--
	7/18/2000	22.94	48.77	25.83	12,000	39	8.2	540	760	--	--	--	--	--	--
	9/26/2000	24.16	48.77	24.61	11,000	19	<5	470	610	--	--	--	--	--	--
	12/28/2000	24.48	48.77	24.29	22,000	100	<100	610	770	--	--	--	--	--	--
	3/20/2001	--	48.77	--	8,200	40	<10	14	210	<100	--	--	--	--	--
	3/30/2001	21.65	48.77	27.12	--	--	--	--	--	--	--	--	--	--	--
	10/5/2001	25.23	48.77	23.54	77,000	<100	110	780	850	--	--	--	--	--	--
	3/28/2002	20.45	48.77	28.32	11,000	34	6.1	220	180	--	--	--	--	--	--
	9/30/2002	24.66	48.77	24.11	34,000	<125	140	240	370	--	--	--	--	--	--
	3/31/2003	22.44	48.77	26.33	6,200	<12.5	<12.5	130	87	--	--	--	--	--	--
	6/19/2003	22.87	48.77	25.9	--	--	--	--	--	--	--	--	--	--	--
	9/30/2003	25.00	48.77	23.77	9,700	52	<25	160	87	--	--	--	--	--	--
	2/10/2004	22.13	48.77	26.64	--	--	--	--	--	--	--	--	--	--	--
	6/30/2004	24.55	48.77	24.22	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004	25.69	48.77	23.08	9,500	48	<25	93	<50	--	--	--	--	--	--
	3/29/2006	16.74	48.77	32.03	6,200	<0.5	<0.5	57	11	--	--	--	--	--	--
	6/24/2006	22.43	48.77	26.34	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	23.40	48.77	25.37	2,200	3.7	31	37	40	<17	--	--	--	--	--
	12/11/2006	22.78	48.77	25.99	--	--	--	--	--	--	--	--	--	--	--
	3/16/2007	21.76	48.77	27.01	3,200	2.2	37	18	2.9	--	--	--	--	--	--
	9/14/2007	25.50	48.77	23.27	2,600	1.4	28	13	3.2	<5.0	--	--	--	--	--
	12/14/2007	25.83	48.77	22.94	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	22.08	48.77	26.69	2,800	2.3	32	12	5.3	<5.0	--	--	--	--	--
	6/11/2008	24.61	48.77	24.16	--	--	--	--	--	--	--	--	--	--	--
	9/5/2008	26.04	48.77	22.73	3,800	2.5	40	6.1	2.8	<100	--	--	--	--	--
	12/13/2008	26.74	48.77	22.03	--	--	--	--	--	--	--	--	--	--	--
3/14/2009	21.46	48.77	27.31	7,100	11	63	50	120	<50	--	--	--	--	--	
6/3/2009	24.21	48.77	24.56	--	--	--	--	--	--	--	--	--	--	--	
12/7/2009	26.03	48.77	22.74	3,600	4	34	18	22	<5.0	--	--	--	--	--	
3/15/2010	20.91	48.77	27.86	2,900	1.1	<1.0	11	<1.0	<1.0	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-10	12/30/1998	25.15	49.93	24.78	6,900	130	19	140	210	<5.0	51	<5.0	<5.0	<5.0	--
	3/13/1999	20.62	49.93	29.31	--	--	--	--	--	--	--	--	--	--	--
	3/23/1999	--	49.93	--	6,600	150	33	240	170	--	--	--	--	--	--
	9/29/1999	26.13	49.93	23.8	9,300	60	38	280	150	--	--	--	--	--	--
	12/29/1999	26.70	49.93	23.23	5,800	87	10	420	180	--	--	--	--	--	--
	3/18/2000	18.67	49.93	31.26	3,800	180	11	220	120	--	--	--	--	--	--
	7/18/2000	24.38	49.93	25.55	9,100	120	33	210	130	--	--	--	--	--	--
	9/26/2000	25.59	49.93	24.34	4,500	22	8.8	1.3	18	--	--	--	--	--	--
	12/28/2000	25.90	49.93	24.03	3,900	55	13	98	38	--	--	--	--	--	--
	3/30/2001	23.14	49.93	26.79	4,500	48	6	<5	23	81 / <5.0	--	--	--	--	--
	10/5/2001	26.60	49.93	23.33	5,200	70	28	41	30	--	--	--	--	--	--
	3/28/2002	21.87	49.93	28.06	7,400	45	20	210	66	--	--	--	--	--	--
	9/30/2002	26.05	49.93	23.88	670	54	5.9	76	23	--	--	--	--	--	--
	3/31/2003	23.87	49.93	26.06	5,700	31	38	67	27	--	--	--	--	--	--
	6/19/2003	24.28	49.93	25.65	--	--	--	--	--	--	--	--	--	--	--
	9/30/2003	26.37	49.93	23.56	7,400	61	<50	<50	<100	--	--	--	--	--	--
	2/10/2004	23.54	49.93	26.39	--	--	--	--	--	--	--	--	--	--	--
	6/30/2004	25.71	49.93	24.22	--	--	--	--	--	--	--	--	--	--	--
	9/14/2004	26.85	49.93	23.08	9,100	47	<25	51	<50	--	--	--	--	--	--
	3/29/2006	20.18	49.93	29.75	6,800	140	18	270	160	--	--	--	--	--	--
	6/24/2006	23.87	49.93	26.06	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	24.80	49.93	25.13	5,700	61	30	78	120	<100	--	--	--	--	--
	3/16/2007	23.09	49.93	26.84	10,000	71	15	46	25	<50	--	--	--	--	--
	9/14/2007	26.87	49.93	23.06	5,800	55	18	22	15	<10	--	--	--	--	--
	12/14/2007	27.14	49.93	22.79	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	23.48	49.93	26.45	9,300	240	23	48	37	<50	--	--	--	--	--
	6/11/2008	25.98	49.93	23.95	--	--	--	--	--	--	--	--	--	--	--
9/5/2008	27.38	49.93	22.55	8,400	120	12	18	16	<250	--	--	--	--	--	
12/13/2008	28.04	49.93	21.89	--	--	--	--	--	--	--	--	--	--	--	
3/14/2009	22.73	49.93	27.2	8,100	300	25	36	72	<250	--	--	--	--	--	
12/7/2009	27.33	49.93	22.6	8,400	160	26	32	34	<100	--	--	--	--	--	
3/15/2010	22.27	49.93	27.66	5,200	110	4.1	29	16	<2.0	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-11	12/30/1998	23.15	47.93	24.78	80	<0.5	<0.5	0.93	1.6	<5.0	<20	<5.0	<5.0	<5.0	--
	3/13/1999	18.37	47.93	29.56	--	--	--	--	--	--	--	--	--	--	--
	3/23/1999	--	47.93	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/29/1999	23.90	47.93	24.03	94	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/29/1999	24.50	47.93	23.43	--	--	--	--	--	--	--	--	--	--	--
	3/18/2000	16.55	47.93	31.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	7/18/2000	22.12	47.93	25.81	--	--	--	--	--	--	--	--	--	--	--
	9/26/2000	23.35	47.93	24.58	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/2000	23.67	47.93	24.26	--	--	--	--	--	--	--	--	--	--	--
	3/20/2001	--	47.93	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	3/30/2001	20.90	47.93	27.03	--	--	--	--	--	--	--	--	--	--	--
	10/5/2001	24.41	47.93	23.52	--	--	--	--	--	--	--	--	--	--	--
	3/28/2002	19.62	47.93	28.31	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--
	9/30/2002	23.84	47.93	24.09	--	--	--	--	--	--	--	--	--	--	--
	9/30/2006	22.58	47.93	25.35	160	1.8	12	7.6	40	<5.0	--	--	--	--	--
	9/14/2007	24.72	47.93	25.21	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	12/14/2007	25.00	47.93	22.93	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	23.81	47.93	24.12	--	--	--	--	--	--	--	--	--	--	--
	9/5/2008	25.23	47.93	22.7	150	0.93	0.6	1.6	2.5	<5.0	--	--	--	--	--
	12/13/2008	25.93	47.93	22	--	--	--	--	--	--	--	--	--	--	--
3/15/2010	20.10	47.93	27.83	--	--	--	--	--	--	--	--	--	--	--	
MW-12	9/30/2006	22.58	48.46	26.18	2,100	6.2	15	16	38	<10	--	--	--	--	--
	12/11/2006	23.88	48.46	24.88	5,500	13	24	16	23	<17	--	--	--	--	--
	3/16/2007	21.77	48.46	26.99	4,900	11	24	16	8.5	<50	--	--	--	--	--
	6/10/2007	24.06	48.46	24.7	2,600	<2.5	<2.5	13	9.5	<25	--	--	--	--	--
	9/14/2007	--	48.46	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/2007	25.77	48.46	22.99	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	--	48.46	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	24.60	48.46	23.86	6,200	11	21	26	8.1	<50	--	--	--	--	--
	9/5/2008	25.97	48.46	22.49	5,000	7.3	15	12	5.9	<25	--	--	--	--	--
	12/13/2008	26.66	48.46	21.8	4,400	7.6	19	12	9.4	<25	--	--	--	--	--
	3/14/2009	21.36	48.46	27.1	6,800	16	19	20	60	<50	--	--	--	--	--
	6/3/2009	24.20	48.46	24.26	6,400	6.5	24	25	6.1	<50	--	--	--	--	--
	12/7/2009	--	48.46	--	--	--	--	--	--	--	--	--	--	--	--
3/15/2010	20.89	48.46	27.57	5,100	5.0	<2.0	15	4.3	<2.0	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-13	9/30/2006	22.58	49.51	26.93	170	2.1	13	8.1	43	<5.0	--	--	--	--	--
	12/11/2006	25.33	49.51	24.18	110	4.6	6.5	4.6	17	<5.0	--	--	--	--	--
	3/16/2007	23.00	49.51	26.51	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	6/10/2007	25.50	49.51	24.01	54	0.8	0.84	1.3	5.4	<5.0	--	--	--	--	--
	9/14/2007	26.85	49.51	22.66	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	12/14/2007	27.11	49.51	22.4	<50	0.76	<0.5	2.3	2.6	<5.0	--	--	--	--	--
	3/12/2008	23.50	49.51	26.01	<50	<0.5	<0.5	0.66	2.2	<5.0	--	--	--	--	--
	6/11/2008	26.02	49.51	23.49	120	0.58	0.97	1.1	2	<5.0	--	--	--	--	--
	9/5/2008	27.29	49.51	22.22	78	<0.5	0.6	0.98	2.1	<5.0	--	--	--	--	--
	12/13/2008	27.96	49.51	21.55	59	0.93	<0.5	2.5	3.8	<5.0	--	--	--	--	--
	3/14/2009	22.48	49.51	27.03	260	1.1	8.8	10	46	<5.0	--	--	--	--	--
	6/3/2009	25.61	49.51	23.9	<50	<0.5	<0.5	0.65	0.69	<5.0	--	--	--	--	--
	12/7/2009	27.40	49.51	22.11	190	1.2	1.6	5.8	13	<5.0	--	--	--	--	--
3/15/2010	22.26	49.51	27.25	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--	
MW-14	9/30/2006	22.58	49.54	26.96	210	2.5	15	9.1	48	<5.0	--	--	--	--	--
	12/11/2006	24.90	49.54	24.64	190	6.7	9.9	5.4	19	<5.0	--	--	--	--	--
	3/16/2007	22.67	49.54	26.87	<50	<0.5	1.1	<0.5	<0.5	<5.0	--	--	--	--	--
	6/10/2007	25.11	49.54	24.43	73	1.1	1.3	1.8	7.2	<5.0	--	--	--	--	--
	9/14/2007	26.56	49.54	22.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	12/14/2007	26.80	49.54	22.74	69	1.1	0.57	3.5	4.5	<5.0	--	--	--	--	--
	3/1/2008	23.03	49.54	26.51	--	--	--	--	--	--	--	--	--	--	--
	3/12/2008	--	49.54	--	110	0.61	1.2	1.2	3.6	<5.0	--	--	--	--	--
	6/11/2008	25.69	49.54	23.85	52	<0.5	0.68	<0.5	1	<5.0	--	--	--	--	--
	9/5/2008	27.04	49.54	22.5	95	<0.5	1.3	0.61	2.3	<5.0	--	--	--	--	--
	12/13/2008	27.72	49.54	21.82	220	1.5	4.3	3.2	5.1	<5.0	--	--	--	--	--
	3/14/2009	22.22	49.54	27.32	360	1.4	12	13	61	<5.0	--	--	--	--	--
	6/3/2009	25.30	49.54	24.24	68	<0.5	1.9	0.81	1.1	<5.0	--	--	--	--	--
	12/7/2009	27.10	49.54	22.44	220	1.3	2.7	6.9	15	<5.0	--	--	--	--	--
	3/15/2010	21.94	49.54	27.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Groundwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
MW-1A	5/30/1997	--	48.24	--	12,000	18	8.7	90	540	--	--	--	--	--	--
	12/30/1998	23.60	48.24	24.64	51	<0.5	<0.5	<0.5	<0.5	<50	<200	<50	<50	<50	--
	3/13/1999	18.85	48.24	29.39	--	--	--	--	--	--	--	--	--	--	--
	3/23/1999	--	48.24	--	1,800	4	<0.5	3	7.5	<25	<100	<25	<25	<25	--
	3/23/1999	--	48.24	--	2,200	10	0.52	3.1	7.1	--	--	--	--	--	--
	9/29/1999	24.35	48.24	23.89	13,000	63	26	30	72	--	--	--	--	--	--
	12/29/1999	24.95	48.24	23.29	--	--	--	--	--	--	--	--	--	--	--
	3/8/2000	--	48.24	--	6,100	36	<5	9.7	45	--	--	--	--	--	--
	3/18/2000	16.99	48.24	31.25	--	--	--	--	--	--	--	--	--	--	--
	7/18/2000	22.60	48.24	25.64	--	--	--	--	--	--	--	--	--	--	--
	9/26/2000	23.76	48.24	24.48	11,000	14	<5	65	150	--	--	--	--	--	--
	12/28/2000	24.11	48.24	24.13	--	--	--	--	--	--	--	--	--	--	--
	3/30/2001	21.22	48.24	27.02	4,800	30	6	<5	7	51 / <5.0	--	--	--	--	--
	10/5/2001	24.86	48.24	23.38	15,000	76	41	36	140	--	--	--	--	--	--
	3/28/2002	20.10	48.24	28.14	9,300	35	<12.5	17	32	--	--	--	--	--	--
	9/30/2002	24.28	48.24	23.96	23,000	<50	63	77	230	--	--	--	--	--	--
	9/30/2006	23.03	48.24	25.21	2,500	4.1	25	22	49	<5.0	--	--	--	--	--
	3/16/2007	--	48.24	--	1,800	1.8	17	6.4	4.4	<5.0	--	--	--	--	--
	9/14/2007	25.13	48.24	23.11	1,500	1.1	15	2.8	1.8	<5.0	--	--	--	--	--
	12/14/2007	25.43	48.24	22.81	--	--	--	--	--	--	--	--	--	--	--
3/12/2008	21.75	48.24	26.49	1,200	2.1	12	5	3.6	<5.0	--	--	--	--	--	
6/11/2008	24.24	48.24	24	--	--	--	--	--	--	--	--	--	--	--	
9/5/2008	25.62	48.24	22.62	1,900	2.4	14	10	5.4	<5.0	--	--	--	--	--	
12/13/2008	26.33	48.24	21.91	--	--	--	--	--	--	--	--	--	--	--	
3/14/2009	21.07	48.24	27.17	1,700	2.5	13	11	32	<5.0	--	--	--	--	--	
3/15/2010	20.52	48.24	27.72	2,400	<0.50	<0.50	5.5	2.3	<0.50	--	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
141 Farrelly	4/6/1996	--	48.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	10/2/1999	--	48.76	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<20	<5.0	<5.0	<5.0	--
	3/18/2000	17.90	48.76	30.86	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	7/13/2000	--	48.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/26/2000	24.66	48.76	24.1	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/29/2000	--	48.76	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0 [3]	<20	<5.0	<5.0	<5.0	--
	3/20/2001	--	48.76	--	--	--	--	--	--	<5.0 [3]	<20	<5.0	<5.0	<5.0	--
	3/30/2001	22.25	48.76	26.51	--	--	--	--	--	--	--	--	--	--	--
	12/21/2001	--	48.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/30/2002	25.34	48.76	23.42	<50	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--
	12/21/2002	20.07	48.76	28.69	<50	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--
	6/19/2003	23.55	48.76	25.21	<50	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--
	9/14/2004	26.12	48.76	22.64	<50	<0.5	<0.5	<0.5	<1.0	--	--	--	--	--	--
	3/16/2007	22.28	48.76	26.48	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	9/14/2007	25.98	48.76	22.78	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	3/12/2008	--	48.76	--	--	--	--	--	--	--	--	--	--	--	--
	6/11/2008	--	48.76	--	--	--	--	--	--	--	--	--	--	--	--
	9/5/2008	26.48	48.76	22.28	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	12/13/2008	27.20	48.76	21.56	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--
	3/14/2009	--	48.76	--	--	--	--	--	--	--	--	--	--	--	--
6/3/2009	25.83	48.76	22.93	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	
12/7/2009	--	48.76	--	--	--	--	--	--	--	--	--	--	--	--	
3/15/2010	--	48.76	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	

TABLE 3
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Well Number	Date Collected	Depth to Water (feet)	Top of Casing Elevation (ft msl)	Grouwater Elevation (ft msl)	GRO[1] (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE [3,4] (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Total Lead (µg/L)
Legend/Key:					Analytical Methods:										
GRO = Gasoline Range Organics C4-C13					GRO analyzed according to EPA Method 8015B										
MTBE = Methyl tertiary butyl ether					BTEX and MTBE analyzed according to EPA Method 8020/8021B prior to 2010										
TBA = Tertiary butyl alcohol					Beginning in 2010, BTEX, MTBE, TBA, DIPE, ETBE, and TAME analyzed by EPA Method 8260B										
DIPE = Di-isopropyl ether					Laboratory Qualifiers/Flags/Notes:										
ETBE = Ethyl tertiary butyl ether					[1] GRO reported as Total Petroleum Hydrocarbons as Gasoline (TPHg) prior to 2010										
TAME = Tertiary amyl methyl ether					[2] This value may be inaccurate. <i>Second Quarter 1996 Environmental Activities Report</i> , dated August 8, 1996 by Environmental Testing & Management casts doubt on the validity of this laboratory result.										
ft msl = feet above mean sea level					[3] When two MTBE results listed, the first is by EPA 8020/8021 and second is confirmation by 8260. If only one result, by 8260										
µg/L = micrograms per liter					[4] All MTBE results by EPA 8020, except where qualified by [3] and during 3/15/10 event when analyzed by 8260										
-- = not measured, not analyzed, or not available															
Analytical data present here prior to first quarter 2010 provided by Groundwater Cleaners, Inc. Stratus has not reviewed laboratory reports and makes no representations regarding accuracy of these data.															

TABLE 4
HISTORICAL GRAB GROUNDWATER SAMPLE ANALYTICAL SUMMARY

German Autocraft, 301 E. 14th Street, San Leandro, California

Sample Number	Date Collected	GRO ¹ (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE ² (µg/L)	Total Lead (µg/L)
B-2-WTR	12/10/90	28,000	5,600	1,300	680	980	--	--
CE1-W1 ^{3,4}	12/13/94	2,600,000	86,000	110,000	65,000	220,000	--	3,270
CE1-W2 ^{3,4}	12/13/94	15,000,000	260,000	550,000	340,000	1,500,000	--	--
CE2-W1	12/13/94	3,200,000	50,000	230,000	60,000	290,000	--	4,640
ETM-1 ³	11/28/95	110,000	1,600	2,200	4,000	5,900	--	--
ETM-1 ³	11/28/95	410,000	2,300	1,800	10,000	37,000	--	--
ETM-2	11/28/95	140,000	1,700	2,300	6,200	16,000	--	--
ETM-3	11/28/95	6,200	47	110	130	120	--	--
ETM-4	11/28/95	1,200,000	12,000	24,000	25,000	94,000	--	--
ETM-5 ³	11/29/95	170	<0.50	<0.50	<0.50	1.4	--	--
ETM-5 ³	11/29/95	170	<0.50	<0.50	<0.50	2.0	--	--
ETM-7	11/29/95	160,000	1,500	1,800	3,700	4,500	--	--
ETM-8	12/08/95	1,300	18	24	37	36	<50	--
ETM-9 ³	11/30/95	2,500	22	36	68	45	--	--
ETM-9 ³	11/30/95	1,900	18	32	57	45	--	--
ETM-10	11/30/95	<50	<0.50	<0.50	<0.50	1.0	--	--
ETM-11 ³	12/01/95	<50	<0.50	<0.50	<0.50	<0.50	--	--
ETM-11 ³	12/01/95	<50	<0.50	<0.50	<0.50	<0.50	--	--
ETM-12	12/01/95	200	5.9	3.9	3.0	44	--	--
ETM-13	12/01/95	220	<0.50	<0.50	<0.50	<0.50	--	--
ETM-14	12/01/95	120,000	930	2,000	6,200	22,000	--	--
ETM-15	12/01/95	<50	<0.50	<0.50	<0.50	1.0	--	--
ETM-17 ³	03/25/96	12,000	430	98	1,400	270	360	--
ETM-17 ³	03/25/96	15,000	650	190	1,600	320	670	--
ETM-18	03/25/96	2,600	19	5.3	93	100	84	--
ETM-19	03/25/96	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--
ETM-20	03/25/96	700,000	7,300	10,000	1,500	3,500	<12,500	--
ETM-21 ³	03/26/96	70	<0.5	0.5	<0.5	1.4	70	--
ETM-21 ³	03/26/96	130	<0.5	<0.5	<0.5	0.6	<5.0	--
ETM-22	03/26/96	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
ETM-23	03/26/96	22,000	470	<50	960	1,200	<500	--
ETM-24	03/26/96	3,700	18	170	190	140	80 ¹	--
ETM-25	03/26/96	760	0.8	<0.5	<0.5	<0.5	<5.0	--
ETM-26 ³	03/27/96	180	<0.5	<0.5	<0.5	<0.5	<5.0	--
ETM-26 ³	03/27/96	170	<0.5	<0.5	<0.5	<0.5	<5.0	--
ETM-27	03/27/96	6,000	97	120	68	34	<250	--
ETM-28	03/27/96	540	32	2.6	4.4	2.0	13	--
ETM-29	03/27/96	35,000	880	640	2,300	6,900	1,200 ¹	--
ETM-30	03/27/96	7,500	410	96	530	690	230	--
ETM-31	03/28/96	600	21	7.2	6.8	5.7	<5.0	--
ETM-32 ³	03/28/96	510	60	7.5	8.1	11	9.6 ¹	--
ETM-32 ³	03/28/96	430	56	4.9	9.3	11	8.9 ¹	--
ETM-33	03/28/96	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
ETM-34	03/28/96	<50	<0.5	<0.5	<0.5	0.8	<5.0	--
ETM-35	03/28/96	70	1.3	<0.5	<0.5	0.8	<5.0	--
ETM-36	03/28/96	<50	0.6	<0.5	<0.5	1.3	<5.0	--
ETM-37	03/29/96	370,000	2,000	1,400	3,400	5,100	4,000 ¹	--
ETM-38 ⁴	03/29/96	840,000,000	4,000,000	7,800,000	11,000,000	39,000,000	13,000,000	--
ETM-39 ³	03/29/96	<50	<0.5	<0.5	<0.5	1.3	<5.0	--
ETM-39 ³	03/29/96	60	<0.5	<0.5	<0.5	1.1	<5.0	--
ETM-40	03/29/96	<50	<0.5	<0.5	<0.5	0.8	<5.0	--

TABLE 4
HISTORICAL GRAB GROUNDWATER SAMPLE ANALYTICAL SUMMARY
 German Autocraft, 301 E. 14th Street, San Leandro, California

Sample Number	Date Collected	GRO ¹ (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE ² (µg/L)	Total Lead (µg/L)
SV-1	01/06/09	15,000 ⁵	1,600	23	890	680	<90	--
SV-2	01/06/09	82,000 ^{5,6,7}	490	3,000	4,600	24,000	<1,000	--
SV-3	01/08/09	15,000 ^{5,6,7}	24	77	54	28	<500	--
SV-4	01/08/09	3,900 ^{5,7}	0.58	15	6	18	<5	--
SV-5	01/07/09	44,000 ^{5,6,7}	480	470	1,700	7,100	<500	--
SV-6	01/07/09	4,200 ^{5,7}	11	24	31	17	<5	--
SV-7	01/06/09	700 ^{5,7}	1.5	9.3	1.1	4.2	<5	--
SV-8	01/08/08	860 ⁵	0.58	15	5.6	18	<5	--

Legend/Key:
 GRO = Gasoline Range Organics C4-C13
 BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylenes
 MTBE = Methyl tertiary butyl ether
 µg/L = micrograms per liter
 -- = not measured, not analyzed, or not available

Analytical Methods:
 GRO analyzed according to EPA Method 8015B
 BTEX and MTBE analyzed according to EPA Method 8021B.
 Total Lead analyzed according to EPA Method 6010A

Laboratory Qualifiers/Flags/Notes:
 1 = GRO reported as Total Petroleum Hydrocarbons as Gasoline (TPHg).
 2 = MTBE values may be inaccurate. *Second Quarter 1996 Environmental Activities Report*, dated August 8, 1996 by Environmental Testing & Management casts doubt on the validity of MTBE detections.
 3 = Duplicate samples.
 4 = Liquid-phase hydrocarbons present during sampling at this location.
 5 = Weakly modified or unmodified gasoline is significant.
 6 = Sheen present in sample.
 7 = Aqueous sample contains greater than ~1 vol % sediment.
 J = Value reported below method detection limit, and is approximate.

TABLE 5
HISTORICAL SOIL VAPOR ANALYTICAL RESULTS
 German Autocraft, 301 East 14th Street, San Leandro, California

Sample ID	Date	Sample Depth (ft. bgs)	TPHg ($\mu\text{g}/\text{m}^3$)	Benzene ($\mu\text{g}/\text{m}^3$)	Toluene ($\mu\text{g}/\text{m}^3$)	Ethylbenzene ($\mu\text{g}/\text{m}^3$)	Xylenes ($\mu\text{g}/\text{m}^3$)	MTBE ($\mu\text{g}/\text{m}^3$)	Isopropyl Alcohol ($\mu\text{g}/\text{m}^3$)
ESL Residential ¹			10,000	84	63,000	980	21,000	9,400	none
ESL Commercial ¹			29,000	280	180,000	580,000	580,000	31,000	none
SV-1	1/13/2009	5.5	7,600	<37	78	230	890	<42	<110
	1/13/2009	13.0	<950	<37	<44	<50	<50	<42	<110
SV-2	1/13/2009	5.5	7,600	270	50	<50	<50	<42	<110
	1/13/2009	12.5	8,300	<37	<44	<50	<50	<42	<110
SV-3	1/14/2009	5.0	9,500	<37	<44	<50	<50	<42	<110
	1/14/2009	13.0	<950	40	67	<50	60	<42	<110
QCSV-3 ²	1/14/2009	13.0	--	--	--	--	--	--	110,000 ³
SV-4	1/14/2009	5.0	<970	<38	<45	<52	<52	<43	<120
	1/14/2009	14.0	<950	<37	<44	<50	<50	<42	<110
SV-5	1/14/2009	5.0	<970	<38	<45	<52	<52	<43	<120
	1/14/2009	13.0	<970	76	120	<52	75	<43	<120
SV-6	1/14/2009	5.0	<990	<39	63	<52	85	<44	<120
	1/14/2009	11.5	3,900	44	130	<52	83	<44	<120
QCSV-6 ²	1/14/2009	11.5	--	--	--	--	--	--	79,000 ³
SV-7	1/13/2009	5.5	2,400	<36	280	270	950	<41	<110
	1/13/2009	12.5	660,000	67	170	440	1,440	<42	<110
SV-8	1/13/2009	5.0 ⁴	17,000	<36	340	530	2,090	<41	<110
	1/13/2009	5.0 ⁴	19,000	<36	320	500	1,870	<41	<110
	1/13/2009	13.5	35,000	<37	<44	<50	530	<42	<110

Legend:

TPHg = Total petroleum hydrocarbons ref to gasoline (molecular weight = 100)

MTBE = Methyl tertiary butyl ether

ft. bgs = feet below ground surface

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

1 = *RWQCB-SF Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final – November 2007 (revised May 2008)*; Table E-2, Shallow Soil Gas Screening Levels for Evaluation of Potential Vapor Intrusion Concerns (lowest residential shown here)

2 = Sample collected from the sampling shroud atmosphere for quality control purposes.

3 = Result exceeds instrument calibration range.

4 = Laboratory duplicate samples.

Analytical Laboratory

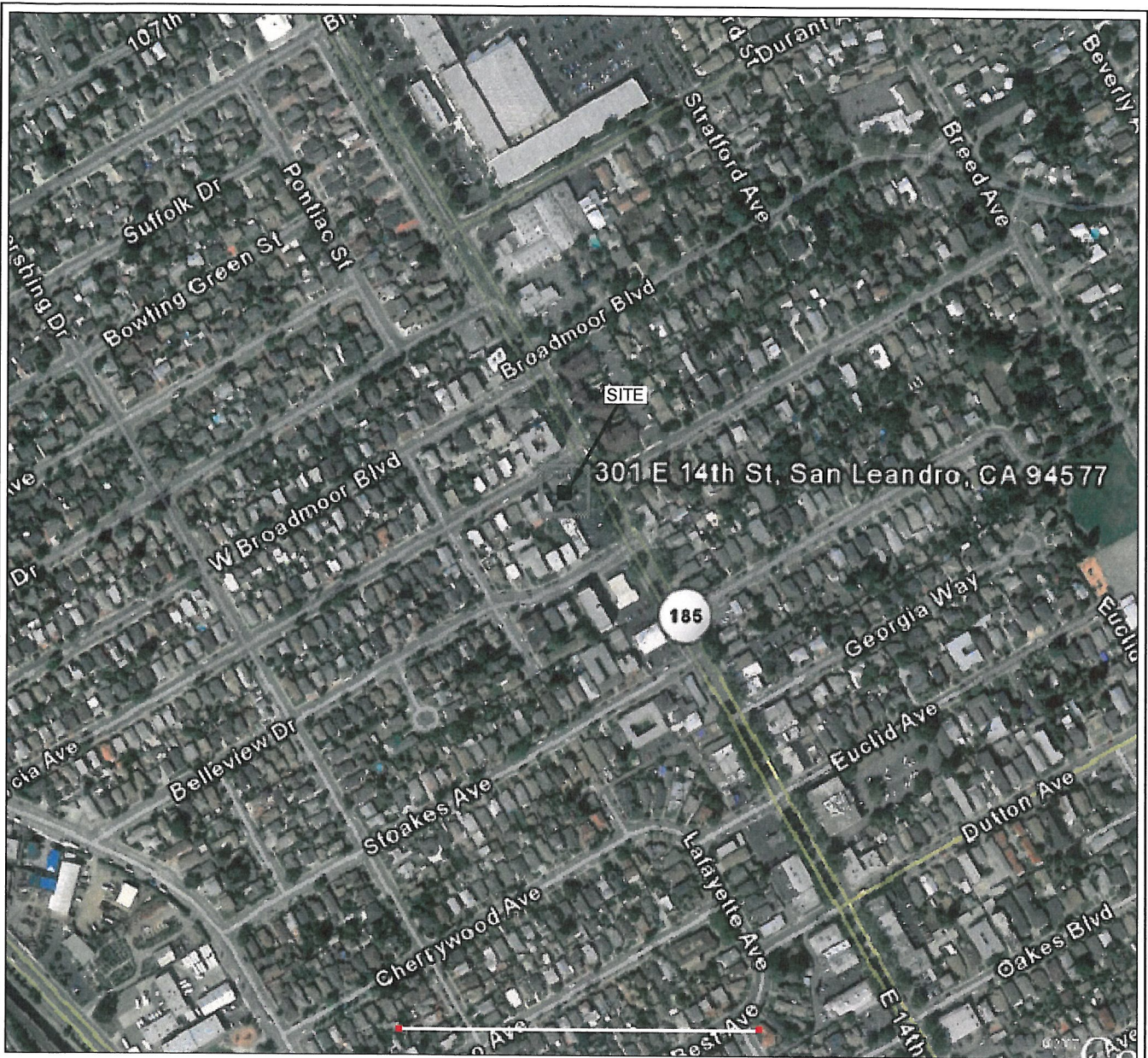
Air Toxics, LTD. (NELAP 02010CA)

Analytical Methods

Samples analyzed by Modified EPA Method TO-15 GC/MS. Samples collected in 1L SUMMA canisters.

Table 6
 Historical Groundwater Flow Direction and Gradient
 German Autocraft
 301 East 14th Street
 San Leandro, California

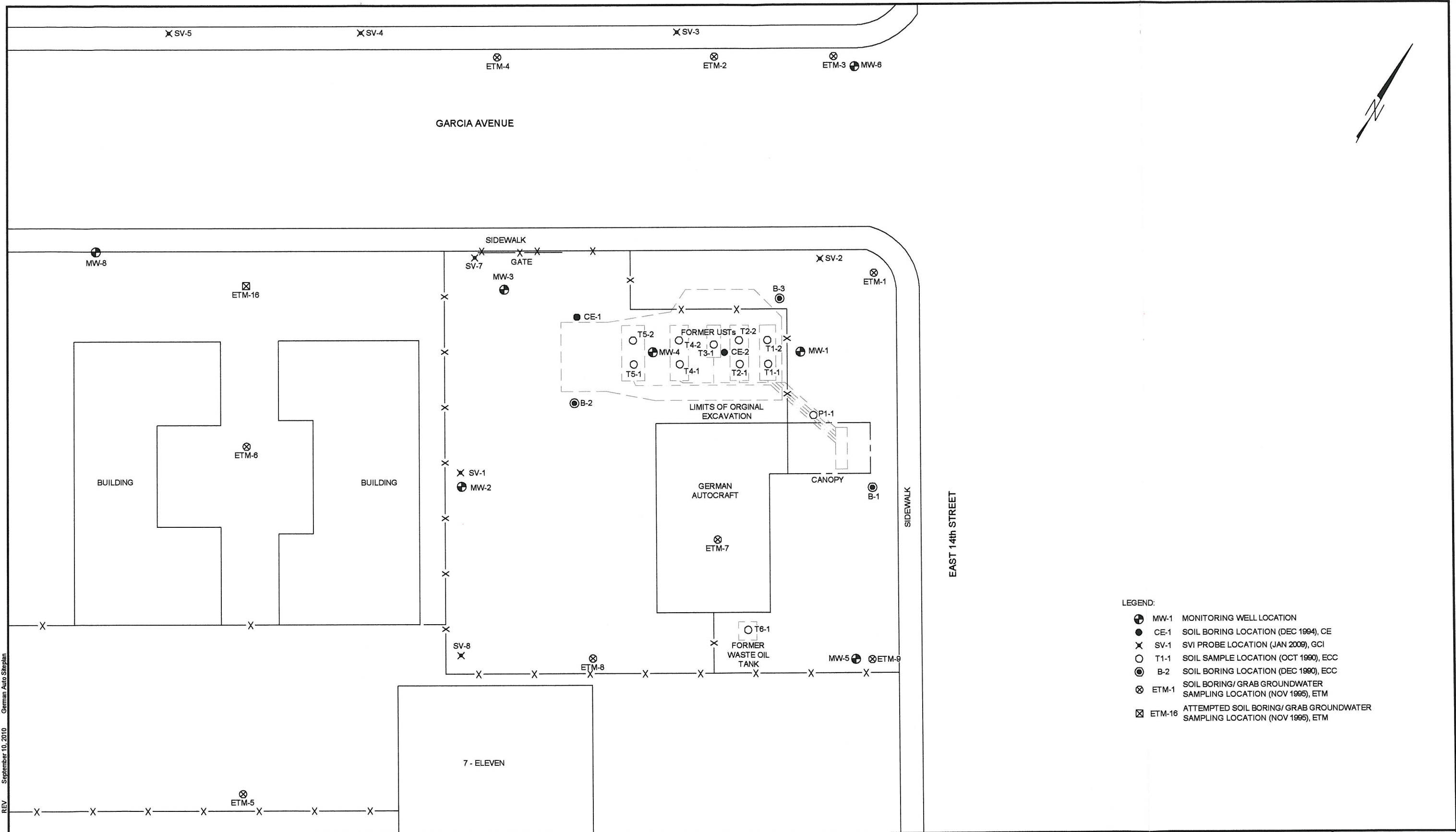
Monitoring Date	Groundwater Gradient (feet/feet)	Groundwater Flow Direction																
		N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
02/10/95	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
07/06/95	0.001	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
08/10/95	0.001	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
09/11/95	0.001	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
10/02/95	0.002	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
11/07/95	0.002	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
12/08/95	0.003	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
01/12/96	0.001	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
02/12/96	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
03/12/96	0.001	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
04/13/96	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
05/14/96	0.002	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
06/20/96	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
07/26/96	0.003	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
08/19/96	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
09/17/96	0.003	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
10/21/96	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
11/27/96	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
12/27/96	0.002	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
01/28/97	0.004	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
04/25/97	0.003	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
07/17/97	0.003	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
10/21/97	0.002	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
03/10/98	0.003	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
06/06/98	0.003	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
09/30/98	0.003	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
12/30/98	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
03/13/99	0.002	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
09/29/99	0.002	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
12/29/99	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
03/18/00	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
07/18/00	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
09/26/00	0.002	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
12/28/00	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
03/30/01	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
10/05/01	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
03/28/02	0.002	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
09/30/02	0.003	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
12/21/02	0.003	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
03/31/03	0.001	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
06/19/03	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
09/30/03	0.001	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
02/10/04	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
06/30/04	0.001	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
12/31/04	0.001	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
03/07/05	0.001	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
06/29/05	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
09/20/05	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
09/30/06	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
12/11/06	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
03/16/07	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
06/10/07	0.000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/14/07	0.001	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
03/12/08	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
06/11/08	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
09/05/08	0.001	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
12/13/08	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
03/14/09	0.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
06/03/09	0.002	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
12/08/09	0.002	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
03/15/10	0.002	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
Average =	0.002	Sum	0	0	0	0	0	0	0	0	2	7	16	7	18	8	2	0



GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

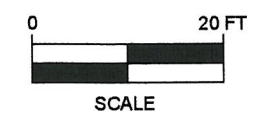
SITE LOCATION MAP

FIGURE
1
PROJECT NO.
2076-0301-01



- LEGEND:
- MW-1 MONITORING WELL LOCATION
 - CE-1 SOIL BORING LOCATION (DEC 1994), CE
 - × SV-1 SVI PROBE LOCATION (JAN 2009), GCI
 - T1-1 SOIL SAMPLE LOCATION (OCT 1990), ECC
 - B-2 SOIL BORING LOCATION (DEC 1990), ECC
 - ⊗ ETM-1 SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM
 - ⊗ ETM-16 ATTEMPTED SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM

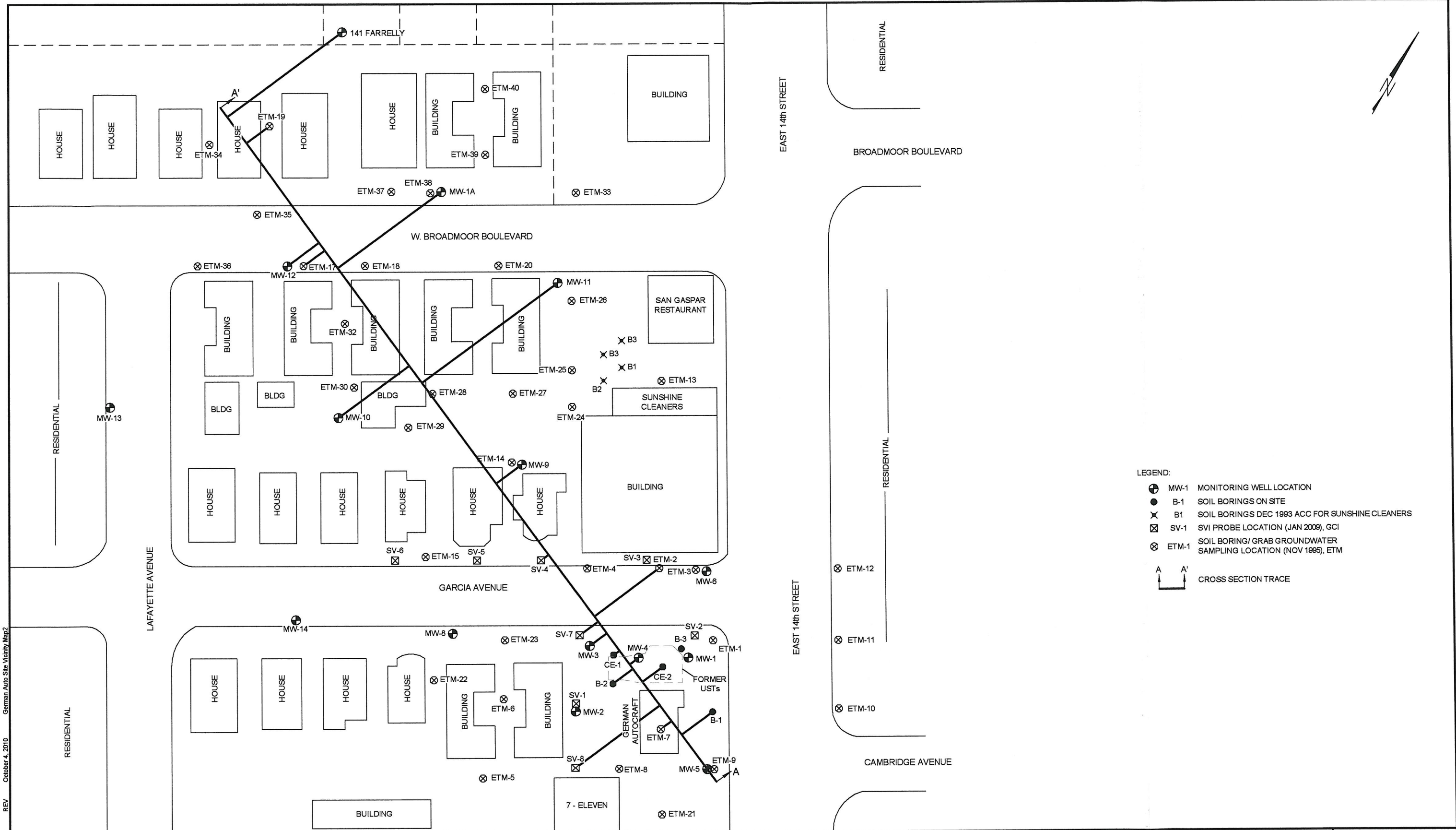
REV JMP September 10, 2010 German Auto Stepan



GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

SITE PLAN

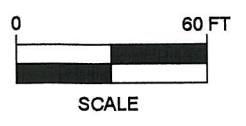
FIGURE
2
PROJECT NO.
2076-0301-01



- LEGEND:
- ⊕ MW-1 MONITORING WELL LOCATION
 - B-1 SOIL BORINGS ON SITE
 - × B1 SOIL BORINGS DEC 1993 ACC FOR SUNSHINE CLEANERS
 - ⊗ SV-1 SVI PROBE LOCATION (JAN 2009), GCI
 - ⊗ ETM-1 SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM
 - A A' CROSS SECTION TRACE

JMP REV October 4, 2010 German Auto Site Vicinity Map2

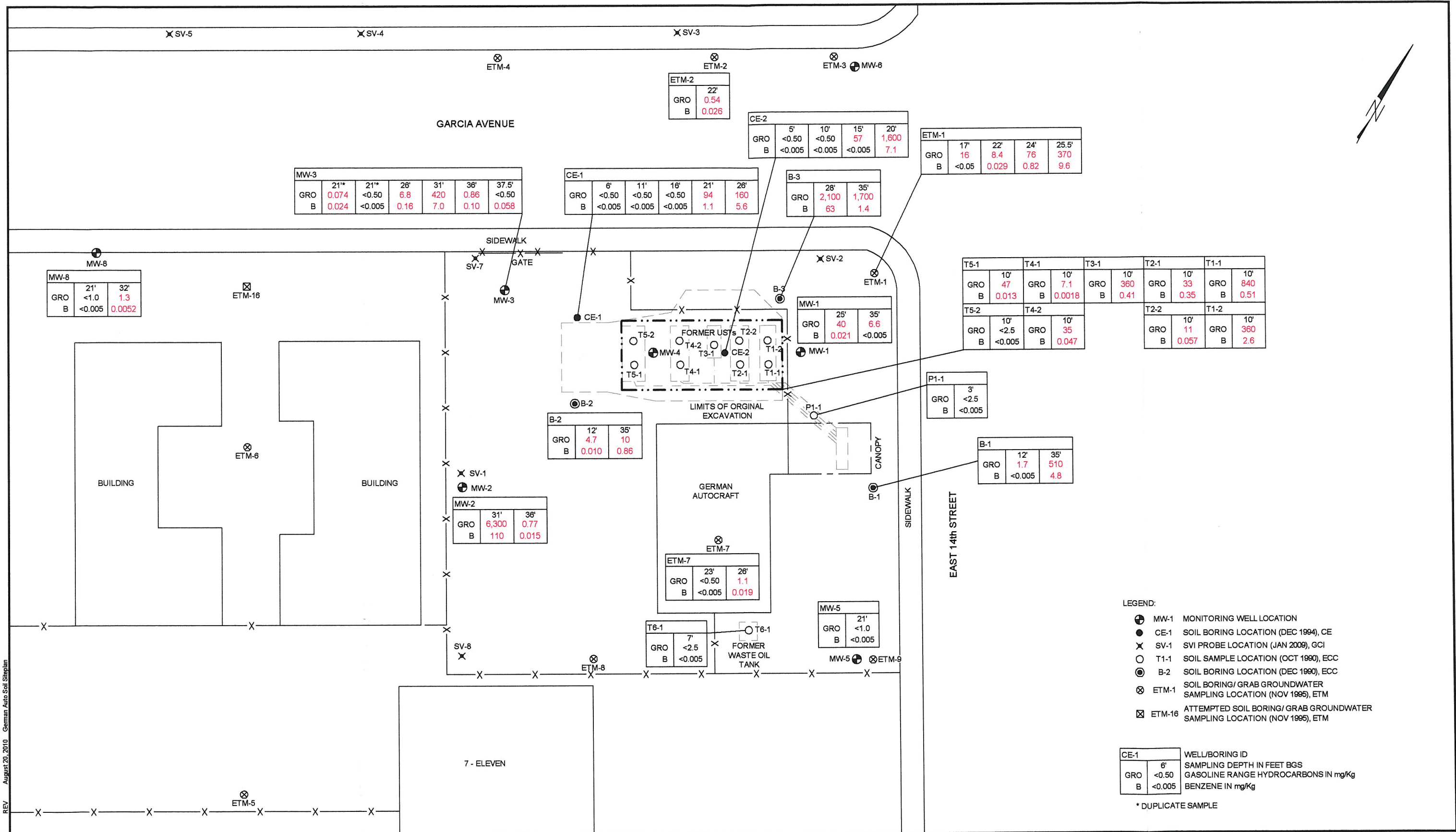
STRATUS
ENVIRONMENTAL, INC.



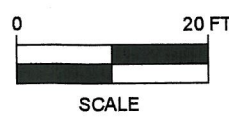
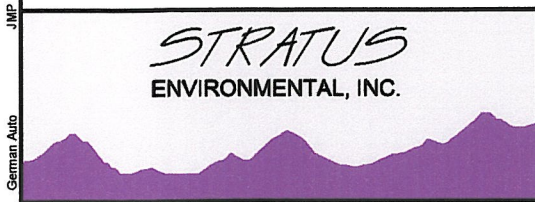
GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

SITE VICINITY MAP

FIGURE
3
PROJECT NO.
2076-0301-01



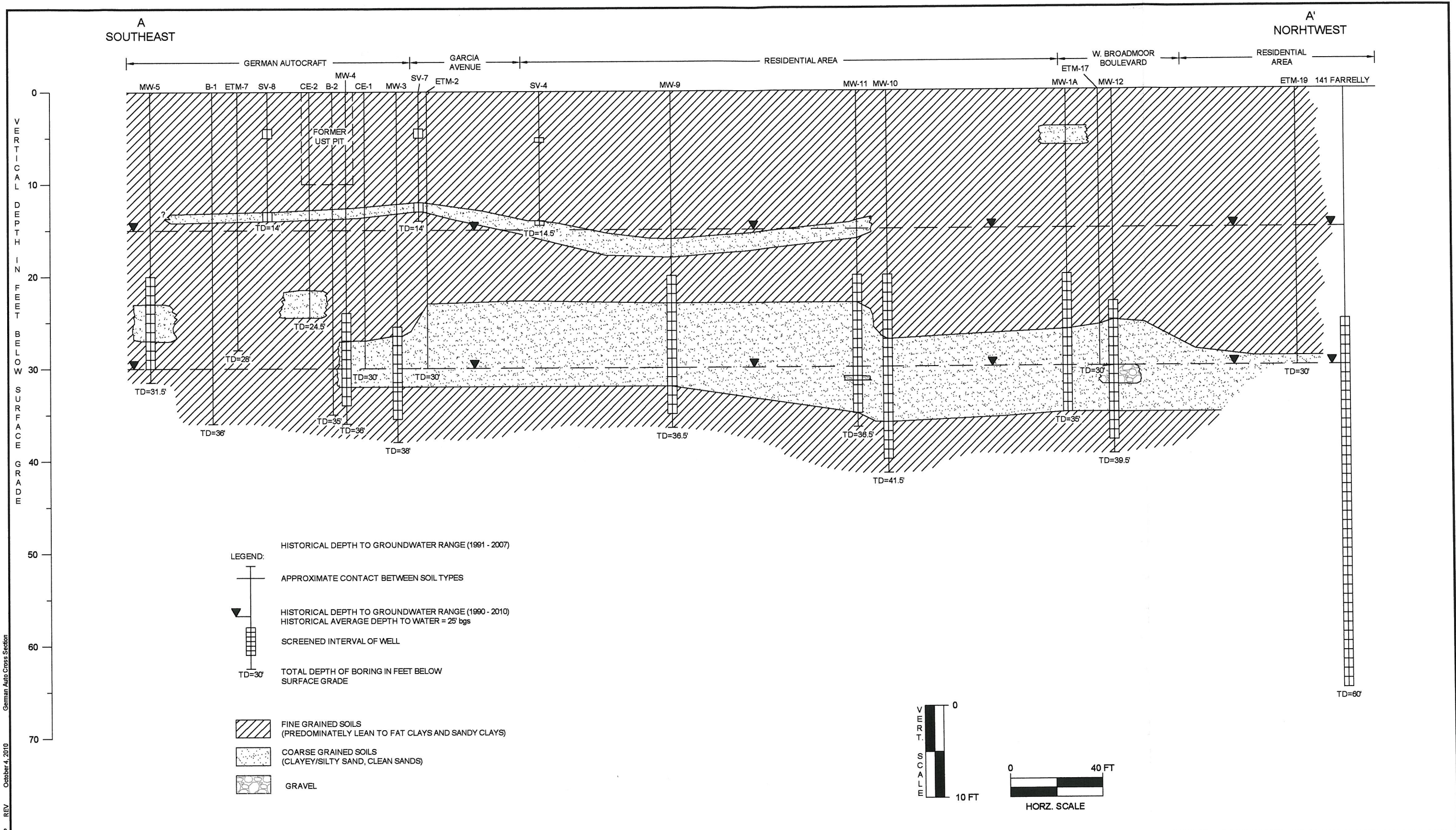
REV August 20, 2010 German Auto Soil Siteplan



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SAN LEANDRO, CALIFORNIA

SOIL ANALYTICAL SUMMARY MAP

FIGURE
4
PROJECT NO.
2076-0301-01



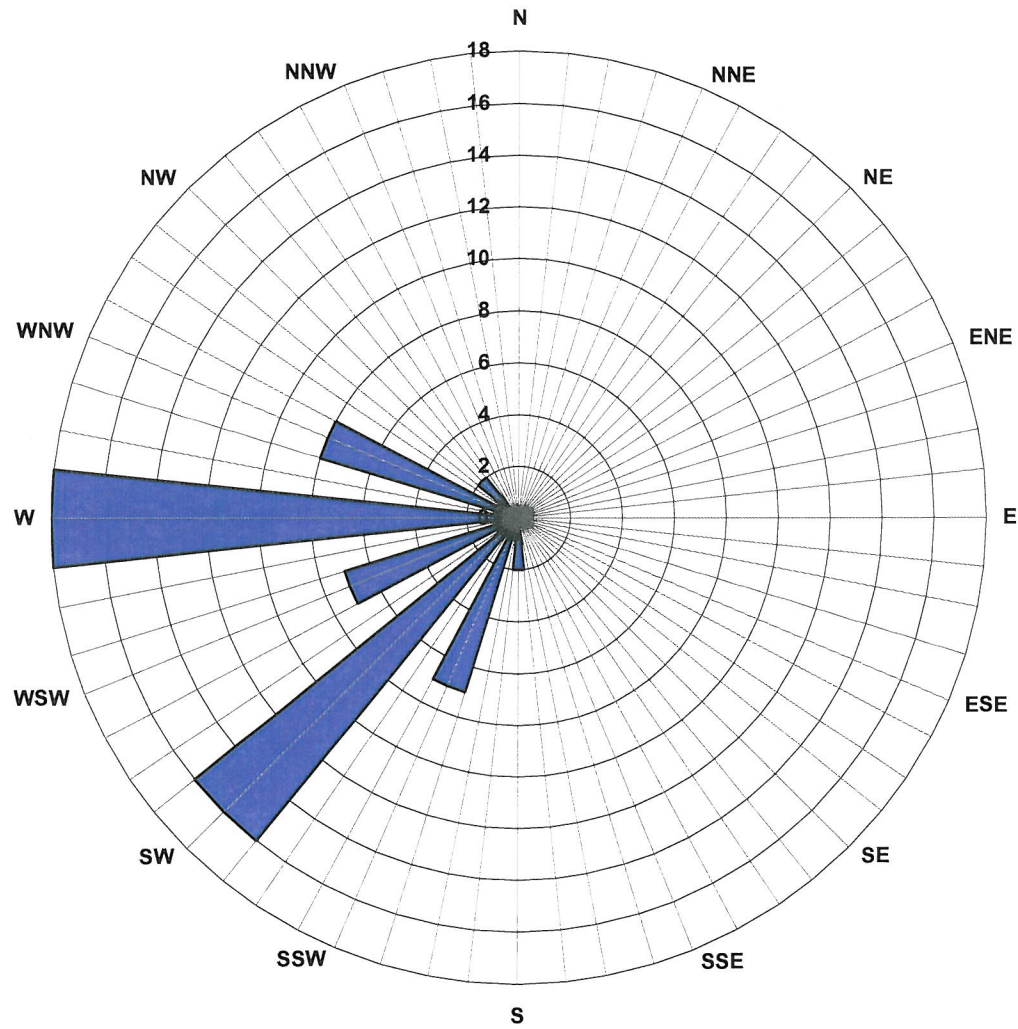
GERMAN AUTO CROSS SECTION
 REV
 October 4, 2010
 JMP
 German AutoAssessment

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GERMAN AUTOCRAFT
 301 EAST 14th STREET
 SAN LEANDRO, CALIFORNIA
 GEOLGIC CROSS SECTION A-A'

FIGURE
5
 PROJECT NO.
 2076-0301-01

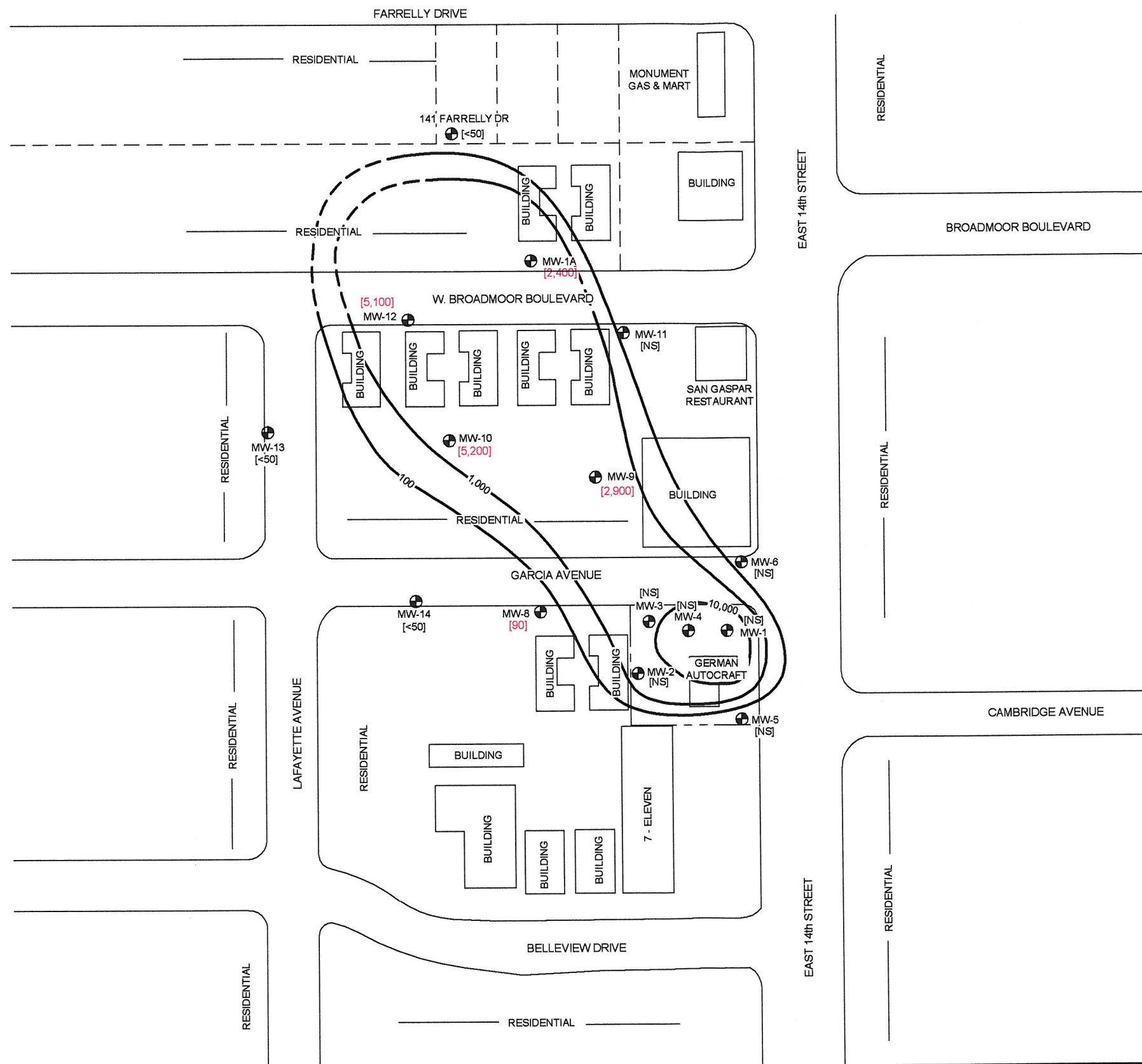
Figure 7
Historical Groundwater Flow Direction Rose Diagram
German Autocraft, 301 East 14th Street, San Leandro, California



Legend
Concentric circles represent number
of quarterly monitoring events

Figure represents data collected
between 2/10/1995 and present

61 Events Shown

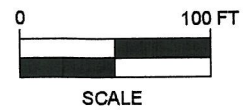


LEGEND:

- MW-1 MONITORING WELL LOCATION
- [<50] GASOLINE RANGE ORGANICS (GRO) CONCENTRATION IN µg/L
- 100 — ISO-CONCENTRATION CONTOUR LINE, DASHED WHERE APPROXIMATE
- ALL WELLS SAMPLED ON 3/15/10
- GRO ANALYZED BY EPA METHOD 8015B
- [NS] = NOT SAMPLED
- ONSITE ISO-CONCENTRATION CONTOURS ESTIMATED USING LAST AVAILABLE SAMPLE RESULTS

REV October 4, 2010 German Auto Quaterly JMP

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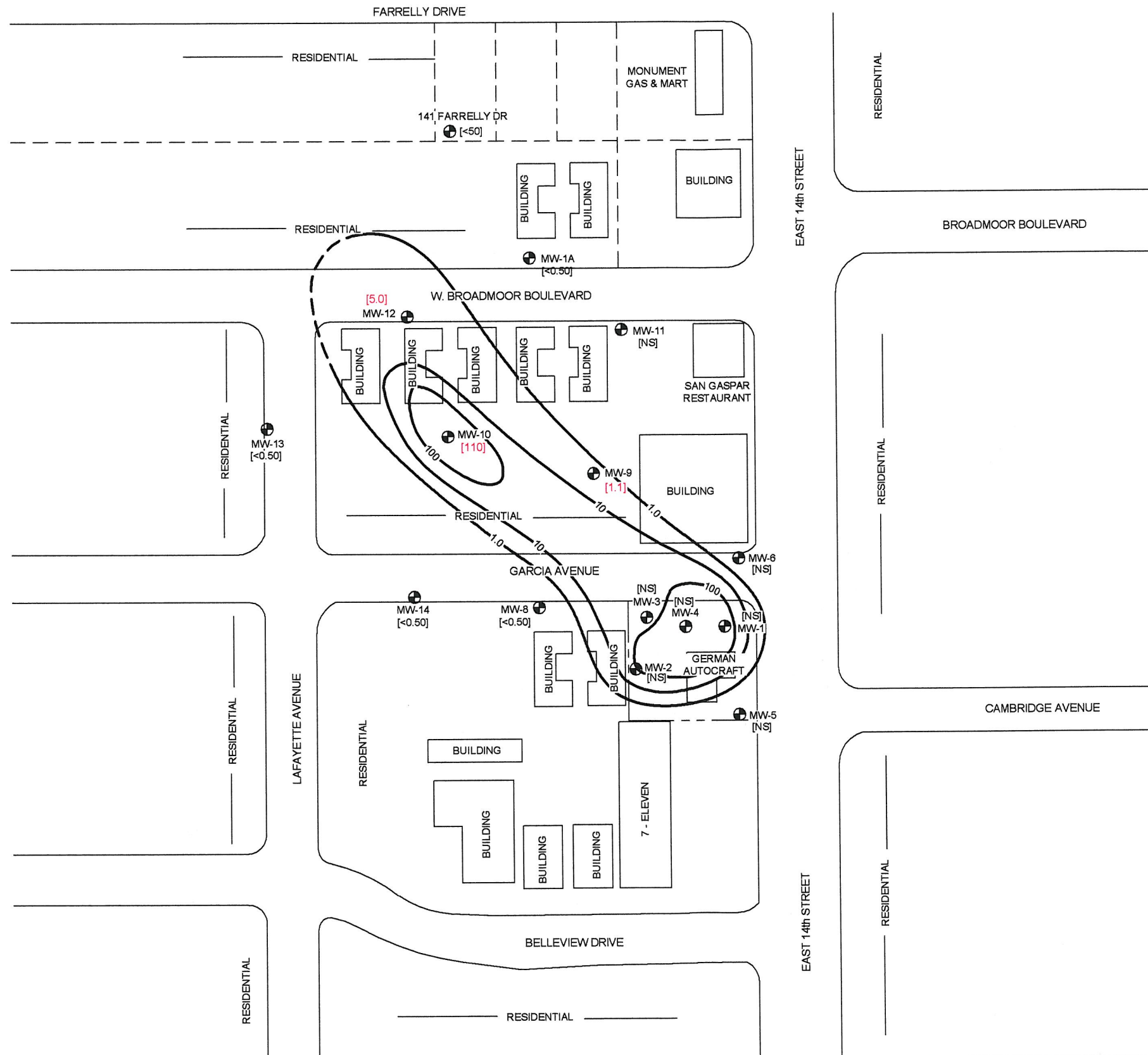
GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

GRO ISO-CONCENTRATION CONTOUR MAP
1st QUARTER 2010

FIGURE

8

PROJECT NO.
2076-0301-01

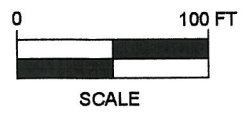


LEGEND:

- MW-1 MONITORING WELL LOCATION
- [<0.50] BENZENE CONCENTRATION IN $\mu\text{g/L}$
- 1.0 ISO-CONCENTRATION CONTOUR LINE, DASHED WHERE APPROXIMATE
- ALL WELLS SAMPLED ON 3/15/10
- BENZENE ANALYZED BY EPA METHOD 8260B
- [NS] = NOT SAMPLED
- ONSITE ISO-CONCENTRATION CONTOURS ESTIMATED USING LAST AVAILABLE SAMPLE RESULTS

German AutoQuantery JMP October 4, 2010 REV

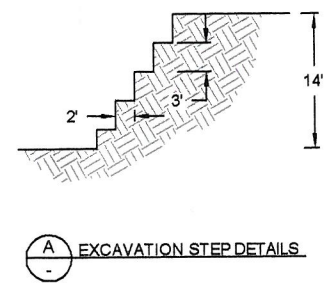
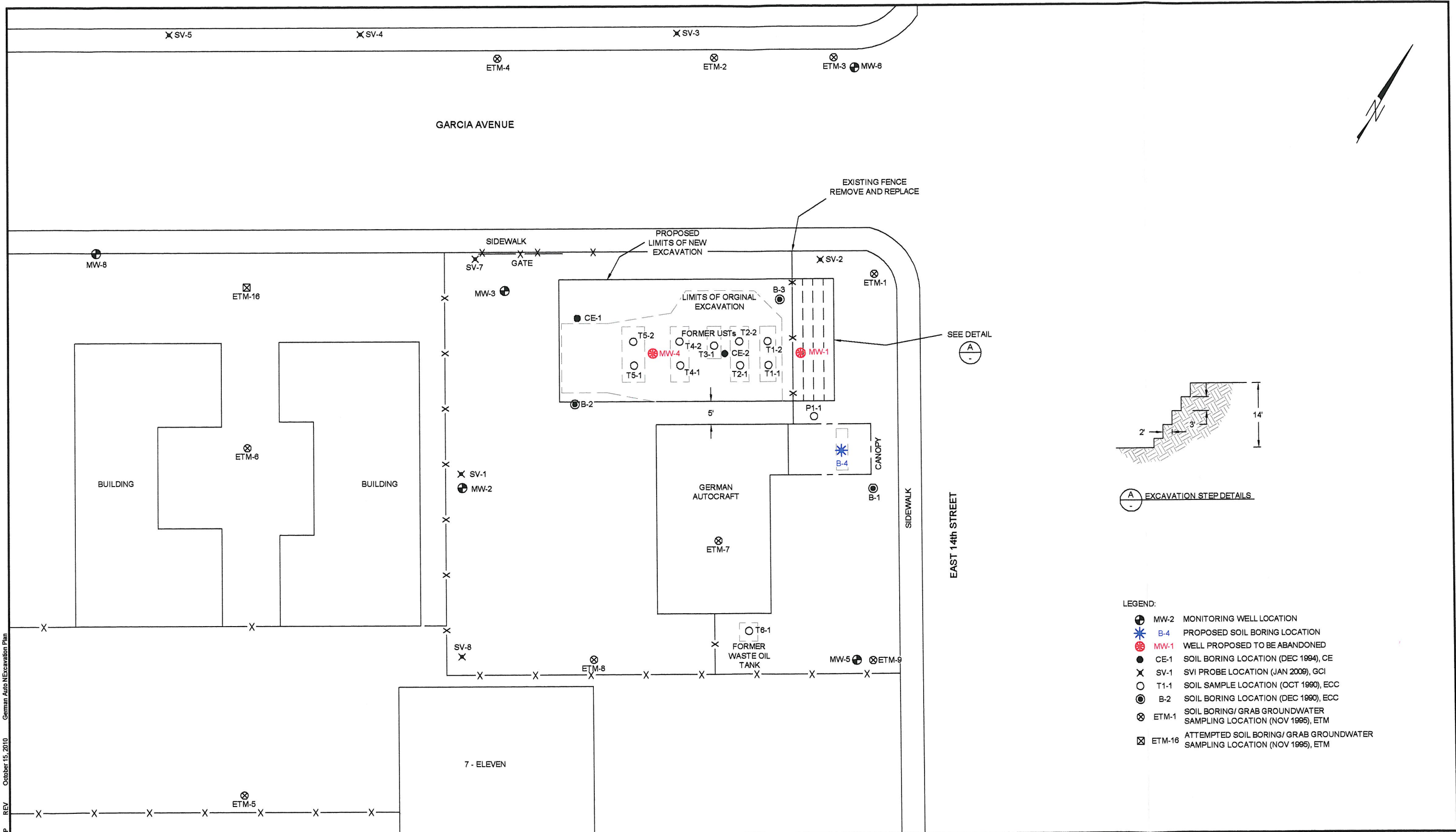
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GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

BENZENE ISO-CONCENTRATION CONTOUR MAP
1st QUARTER 2010

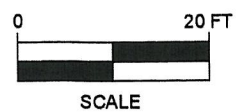
FIGURE
9
PROJECT NO.
2076-0301-01



- LEGEND:**
- MW-2 MONITORING WELL LOCATION
 - ★ B-4 PROPOSED SOIL BORING LOCATION
 - MW-1 WELL PROPOSED TO BE ABANDONED
 - CE-1 SOIL BORING LOCATION (DEC 1994), CE
 - × SV-1 SVI PROBE LOCATION (JAN 2009), GCI
 - T1-1 SOIL SAMPLE LOCATION (OCT 1990), ECC
 - B-2 SOIL BORING LOCATION (DEC 1990), ECC
 - ⊗ ETM-1 SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM
 - ⊗ ETM-16 ATTEMPTED SOIL BORING/ GRAB GROUNDWATER SAMPLING LOCATION (NOV 1995), ETM

REV October 15, 2010 German Auto NE Excavation Plan JIMP German Auto Assessment

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GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

PROPOSED EXCAVATION, WELL DESTRUCTIONS,
AND SOIL BORING

FIGURE
10
PROJECT NO.
2076-0301-01

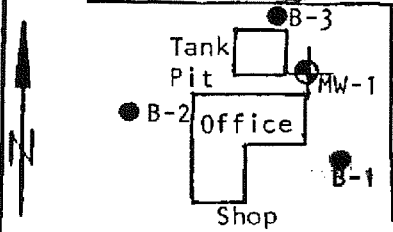
APPENDIX A

PICTURES OF OLD UST EXCAVATION AND BACKFILL



APPENDIX B
BORING LOGS

LOCATION MAP
Garcia Avenue



THE ENVIRONMENTAL CONST.CO BORING LOG

PAGE 1 OF 2

WELL NUMBER B-1
 DATE 12/11/90
 LOGGED BY Tom Smith
 DRILLING METHOD 8 1/2 inch Hollow-stem Auger
 GRAVEL PACK NONE

LOCATION 301 E. 14th Street San Leandro, Ca
 WEATHER Overcast 50's
 DRILLED BY Advance Drilling
 SAMPLING METHOD 18 inch split-spoon
 SEAL Portland Type 1/11 cement/grout

CASING TYPE	NONE	DIAMETER	LENGTH	HOLE DIA. 8 1/2"
SCREEN TYPE	NONE	DIAMETER	LENGTH	TOTAL DEPTH 35'

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						0				
						1				
						2				
						3				
dmp		stf	spl	1	CL	4	1.5		0.00'-1.50' Clay, dark brown to 5.5'	
						5				
						6				
						7				
						8				
dmp		sft	vpl	2	CL	9	1.5		0.00'-1.50' Clay, light brown	
						10				
						11				
						12				
dmp		vry sft		3	OL	13	1.5		0.00'-1.50' Clay, light brown, tan	
						14				
						15				
						16				
						17				
						18				
dmp		sft	pl	4	OL	19	1.5		0.00'-1.50' Clay, mottled, light gray to tan	
						20				

EXPLANATION

	GROUT		SAND		SCREEN
	BENTONITE		CASING		WATER LEVEL



WELL NUMBER B-1

LOCATION

DATE

WEATHER

LOGGED BY

DRILLED BY

DRILLING METHOD

SAMPLING METHOD

GRAVEL PACK

SEAL

CASING TYPE

DIAMETER

LENGTH

HOLE DIA.

SCREEN TYPE

SLOT

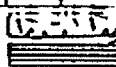
DIAMETER

LENGTH

TOTAL DEPTH

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						20				
						1				
						2				
						3				
mst		vry sft	pl	5	CL	4	1.5		0.00'-1.50' Clay, greenish gray	
						5				
						6				
						7				
						8				
mst		vry sft	pl	6	CL	9	1.5		0.00'-1.50' Clay, greenish tan	
						30				
						1				
						2				
						3				
						4			Saturated zone 34 feet	
sat		lse	pl	7	CL	5	1.5		0.00'-1.50' Clay, tan, very soft, trace of pebbles, moderate gasoline odor	
						6				
						7			Groundwater at 30.8 feet, after 30 minutes	
						8				
						9				
						10				

EXPLANATION



GROUT

SAND

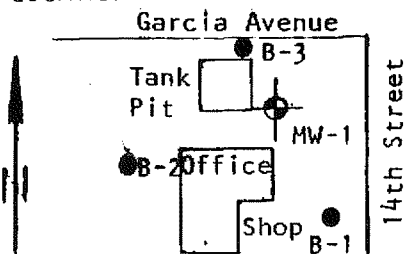
SCREEN

BENTONITE

CASING

WATER LEVEL

LOCATION MAP



THE ENVIRONMENTAL CONST. CO BORING LOG

WELL NUMBER B-2 LOCATION 301 East 14th Street San Leandro, Ca

DATE 12/10/90 WEATHER Rainy (heavily)

LOGGED BY Tom Smith DRILLED BY Advance Drilling

DRILLING METHOD 8 1/2 inch Ho low-stem Auger SAMPLING METHOD 18 inch split-spoon

GRAVEL PACK NONE SEAL Portland Type 1/11 Cement/Grout

CASING TYPE	NONE	DIAMETER		LENGTH		HOLE DIA.	8 1/2
SCREEN TYPE	NONE	SLOT		DIAMETER		TOTAL DEPTH	35'

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						0				
						1				
						2				
						3				
						4				
						5				
						6				
						7				
						8				
dmp		sft	vpl	1	CL	9	1.5		0.00'-1.50' Clay, medium brown	
						10				
						11				
						12				
						13				
dmp		vry sft	vpl	2	CL	14	1.5		0.00'-1.50' Clay, medium brown	
						15				
						16				
						17				
						18				
mst		vry sft	pl	3	CL	19	1.5		0.00'-1.50' Clay, olive brown	
						20				

EXPLANATION

GROUT
 BENTONITE
 SAND
 CASING
 SCREEN
 WATER LEVEL



WELL NUMBER B-2
 DATE
 LOGGED BY
 DRILLING METHOD
 GRAVEL PACK

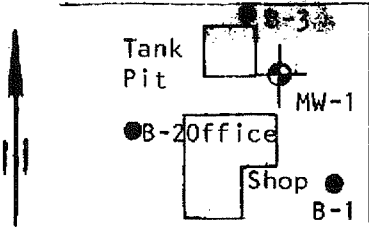
LOCATION
 WEATHER
 DRILLED BY
 SAMPLING METHOD
 SEAL

CASING TYPE	DIAMETER	LENGTH	HOLE DIA.
SCREEN TYPE	DIAMETER	LENGTH	TOTAL DEPTH

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						20				
						1				
						2				
						3				
						4				
mst	vry sft	pl	4	OL	5	1.9			0.00'-1.50' Clay, light olive brown, moderately strong odor, trace of well rounded pebbles	
					6					
					7					
mst	vry sft	pl	5	OL	8	1.9			0.00'-1.50' Clay, light olive brown, strong odor	
					9					
					30				Water level at 30.43'	
					1					
					2					
					3					
sat	vry sft	lse spl	6	GO	4				0.00'-1.50' Clay, tan, trace of gravels, odor	
					5				Odor & stain in saturated zone, sample at 34 feet to 35 feet	
					6					
					7					
					8					
					9					
					40					

EXPLANATION GROUT SAND SCREEN BENTONITE CASING WATER LEVEL

LOCATION MAP
Garcia Avenue



THE ENVIRONMENTAL CONST. CO BORING LOG


WELL NUMBER B-3
 DATE 12/10/90
 LOGGED BY Tom Smith
 DRILLING METHOD 8 1/2 inch Hollow-stem Auger
 GRAVEL PACK NONE

LOCATION 301 East 14th Street San Leandro, CA
 WEATHER Overcast
 DRILLED BY Advance Drilling
 SAMPLING METHOD split-spoon 18-inch
 SEAL Portland 1/11 cement grout


CASING	TYPE	NONE	DIAMETER	LENGTH	PIPE DIA. 8 1/2
SCREEN	TYPE	NONE	DIAMETER	LENGTH	TOTAL DEPTH 35 FEET

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						0				WELL COMPLETION
						1				
						2				
						3				
dry		stf	spl	1	CL	4	1.0		0.00'-1.00' CLAY, dark brown to 6 feet.	
						5				
						6				
						7				
						8				
dmp		sft	vpl	2	CL	9	1.5		0.00-1.50' Clay, medium brown	
						10				
						11				
						12				
						13				
dmp		vry sft	vpl	3	CL	14	1.5		0.00-1.50' Clay, medium brown, faint gasoline odor	
						15				
						16				
						17				
mst		vry sft	pl	4	CL	18	1.5		0.00-1.50' Clay, olive brown, faint gasoline odor	
						19				
						20				

EXPLANATION

LOCATION MAP 	THE ENVIRONMENTAL CONST. CO BORING LOG		PAGE 2 OF 2	
	WELL NUMBER	B-3	LOCATION	301 East 14th San Leandro
	DATE		WEATHER	
	LOGGED BY		DRILLED BY	
	DRILLING METHOD	GRAVEL PACK	SAMPLING METHOD	SEAL

CASING TYPE		DIAMETER		LENGTH		HOLE DIA.	
SCREEN TYPE		SLOT		DIAMETER		LENGTH	

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION	RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						20					
						1					
						2					
mst	vry sft	pl	5	OL	3	1.5				0.00'-1.50' Clay, light olive brown, faint odor, trace of well rounded pebbles	
						4					
						5					
						6					
						7					
mst	vry sft	pl	6	OL	8	1.5				0.00'-1.50' Clay, light olive brown, strong odor	
						9					
						30				Water level at 30.91 After 20 minutes	No water sample obtainable
						1					
						2					
						3					
						4				Water at 34 feet	
vry sft	lse	spi	7	GC	4	1.5					
						5				0.00'-1.50' Silt, clay, 60% gravel, gray stain, strong odor	
						6				Poor development of hole TD 35.0'	
						7					
						8					
						9					
						40					

EXPLANATION	 GROUT	 SAND	 SCREEN
	 BENTONITE	 CASING	 WATER LEVEL

LOCATION MAP Garcia Avenue 		THE ENVIRONMENTAL CONST. CO BORING LOG		PAGE <u>1</u> OF <u>3</u>
WELL NUMBER MW-1		LOCATION 301 E. 14th Street San Leandro, Ca		
DATE 12/17/90		WEATHER Cloudy		
LOGGED BY Tom Smith		DRILLED BY Advance Drilling		
DRILLING METHOD 8 1/2 inch Hollow-stem Auger		SAMPLING METHOD 1 1/2 inch split-spoon		
GRAVEL PACK Sand #3 monterey 45' to 23'		SEAL grout 21'-0' Bentonite 23'-21'		

CASING	TYPE PVC Schedule 40	DIAMETER	2"	LENGTH	25'	HOLE DIA.	8 1/2"
SCREEN	TYPE PVC Sched. 40 SLOTTED	DIAMETER	2"	LENGTH	20'	TOTAL DEPTH	45'

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						0				
						1				
						2				
						3				
dmp		stf	spl	1	CL	4	1.5		0.00'-1.50' Clay, dark brown to 5.5'	
						5				
						6				
						7				
						8				
dmp		sft	vpl	2	CL	9	1.5		0.00'-1.50' Clay, light brown	
						10				
						11				
						12				
dmp		vry sft	pl	3	OL	13	1.5		0.00'-1.50' Clay, light brown, tan, faint to moderate hydrocarbon odor	
						14				
						15				
						16				
						17				
						18				
dmp		sft	pl	4	OL	19	1.5		0.00'-1.50' Clay, mottled, light gray to tan, faint to moderate hydrocarbon odor	
						20				

EXPLANATION	GROUT	SAND	SCREEN
	BENTONITE	CASING	WATER LEVEL



WELL NUMBER MW-1	LOCATION
DATE	WEATHER
LOGGED BY	DRILLED BY
DRILLING METHOD	SAMPLING METHOD
GRAVEL PACK	SEAL

CASING TYPE	DIAMETER	LENGTH	HOLE DIA.
SCREEN TYPE	DIAMETER	LENGTH	TOTAL DEPTH

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS	WELL COMPLETION
						20				
						1				
						2				
						3				
mst			pl	5	CL	4	1.5		0.00'-1.50' Clay, [redacted] Moderate-strong hydrocarbon odor and stain	
	vry sft					5			Screen to 45 feet	
						6				
						7				
						8				
mst			pl	6	CL	9	1.5		0.00'-1.50' Clay, [redacted] strong hydrocarbon odor and stain	
	vry sft					30				
						1				
						2				
						3				
						4			Saturated zone 34 feet	
sat			pl	7	CL	5	1.5		0.00'-1.50' Clay, tan, very soft, trace of pebbles, strong odor and stain.	
	lse					6				
						7			Groundwater at 30.8 feet after 40 minutes	
						8				
						9				
						10				

EXPLANATION

	GROUT		SAND		SCREEN
	BENTONITE		CASING		WATER LEVEL

WELL NUMBER MW-1

LOCATION 301 East 14th Street
San Leandro, CA

DATE 12/17/90

WEATHER Cloudy

LOGGED BY Tom Smith

DRILLED BY Advance Drilling

DRILLING METHOD 8 1/2 Inch
Ho. Low-stem Auger

SAMPLING METHOD Split-spoon

GRAVEL Sand #3 monterey
PACK 45' to 23'

SEAL grout 23'-0'

CASING TYPE PVC Schedule 40

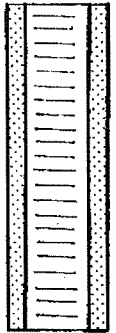
DIAMETER 2" LENGTH 25'

SCREEN TYPE PVC Sched. 40 SLOT 0.02

DIAMETER 2" LENGTH 20'

HOLE DIA. 8 1/2
TOTAL DEPTH 45
WELL COMPLETION

MOISTURE CONTENT	SORTING	DENSITY	PLASTICITY	SAMPLE NUMBER	USCS	DEPTH	SAMPLE RECOVERY	PENETRATION RESISTANCE	LITHOLOGY/REMARKS
						40			
						1			
						2			
						3			Clays, silty clays to 43 feet
						4			43 feet to 45 feet gravel & clay
						5			TD 45 feet
						6			
						7			
						8			
						9			
						0			
						1			
						2			
						3			
						4			
						5			
						6			
						7			
						8			
						9			
						0			

















EXPLANATION



















- GROUT BENTONITE
- SAND CASING
- SCREEN
- WATER LEVEL

BORING LOG Chemist Enterprises 333-B Camino Verde Boulder Creek, CA 95006	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDO ALAMEDA COUNTY, CA	Boring No. CE-1 Sheet 1 of 3 Date Drilled 12/13/94
---	---	--

Drilling Co.: HEW Drilling Co. Driller: Perfecto Rodriguez Geologist: Thomas A. Sparrowe, R.G.	Boring Location: West portion of property. Ground Surface Elevation: TOC Elevation:	Drill Rig Type: CME 75 Method: Hollow-stem Auger Boring Diameter: 8 -1/4 inches Total Depth: 30 feet
--	---	---

<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size: Sand Pack:	<u>Sampler</u> Method: California Split-Spoon Length (ft): 1.5 Hammer Weight (lbs)/Fall (in): 140/30
--	--	---

Sample Depth	Blows/6-in.	Inches Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							0		3" Asphaltic Concrete 4" Aggregate Baseroack
							1		
							2		
							3		Very dark grayish brown FAT CLAY with silt (CH) 10YR3/2, stiff, damp, 85% clay, 15% silt.
							4		Dark brown LEAN CLAY with sand (CL) 10YR3/3, stiff, damp, 70% clay, 20% fine-grained poorly graded sand, 10% silt.
							5		
	4	6					5.5		
	4	6					6		Very dark grayish brown LEAN CLAY with silt (CL) 10YR3/2, firm, moist, 80% clay, 20% silt, trace fine-grained sand.
6.0	6	6	5.0		0839	CEI-1	6.5		
							7		
							8		
							9		
							10		Dark yellowish brown FAT CLAY with silt (CH) 10YR4/4, very stiff, damp to moist, 90% clay, 10% silt, rare medium-grained angular sand.
	8	6					10.5		

Depth	Blows	Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
	13	6							
11.0	21	6	1.5		0850	CE1-2	11		Dark yellowish brown FAT CLAY with silt (CH) 10YR4/4, very stiff, damp to moist, 90% clay, 10% silt, rare medium-grained angular sand.
							12		at 11.4" FAT CLAY with sand (CH) 75% clay, 15% fine- to coarse-grained sand, 10% silt.
							13		
							14		
	7	6					15		
	10	6					16		
16.0	19	6	1.0		0900	CE1-3	16		Dark grayish brown mottled dark reddish brown FAT CLAY with silt (CH) 10YR4/2 & 5YR3/4, stiff, moist, 80% clay, 20% silt, abundant rootholes.
							17		
							18		
							19		
							20		Grades to: -----
	3	6					21		Dark grayish brown FAT CLAY (CH) 2.5Y4/2, stiff, moist, 90% clay, 10% silt, faint petroleum odor.
	4	6					22		Grades to: -----
21.0	6	6	550		0910	CE1-4	21		Brown mottled dark grayish brown FAT CLAY with silt (CH) 10YR4/3 & 2.5Y4/2, stiff, moist, 85% clay, 15% silt, [REDACTED]
							22		
							23		Grades to: -----
							24		
							25		Dark grayish brown FAT CLAY with sand (CH) 2.5Y4/2, stiff, very moist, 85% clay, 15% fine-grained sand, [REDACTED]






BORING LOG Chemist Enterprises 333-B Camino Verde Boulder Creek, CA 95006	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. CE-2 Sheet 1 of 2 Date Drilled 12/13/94
Drilling Co.: Chemist Enterprises Driller: Tom Price/Tom Sparrowe Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Bottom of tank excavation. Ground Surface Elevation: Approx 3 ft. bgs TOC Elevation:	Drill Rig Type: Method: Hand Auger Boring Diameter: 2-1/2 inches Total Depth: 24.5 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size: Sand Pack:	<u>Sampler</u> Method: Hand driven Length (ft): 7 inches Hammer Weight (lbs)/Fall (in):

Sample Depth	Blows/6-in.	Inches Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							1		Very dark grayish brown LEAN CLAY with sand (CL) 10YR3/2, stiff, very moist, 70% clay, 20% fine-grained sand, 10% silt.
							2		
							3		
							4		
							5		Very dark brown FAT CLAY (CH) 10YR2/2, very stiff, damp, 90% clay, 10% silt.
5.5		6	0		1205	CE2-1			
							6		
							7		
							8		Yellowish brown FAT CLAY with silt (CH) 10yr5/4, stiff, damp, 80% clay, 15% silt, 5% fine- to medium- grained sand.
							9		
10.5		6	1.5		1240	CE2-2	10	Dark greenish gray mottled yellowish brown FAT CLAY with sand (CH) 5GY4/1 and 10YR5/4, stiff, damp, 70% clay, 20% fine-grained sand, 10% silt.	

Depth	Blows	Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
							11		Dark greenish gray mottled yellowish brown FAT CLAY with sand (CH) 5GY4/1 and 10YR5/4, stiff, damp, 70% clay, 20% fine-grained sand, 10% silt.
			3.0				12		Dark olive gray FAT CLAY with silt (CH) 5Y3/2, very stiff, damp, 85% clay, 15% silt.
							13		
							14		
15.5		6	90		1326	CE2-3	15		Dark olive gray LEAN CLAY with silt (CL) 5Y3/2, very stiff, moist, 65% clay, 30% silt, 5% fine-grained sand.
							16		
							17		
							18		
							19		
20.5		6	2000		1400	CE2-4	20		Dark grayish brown FAT CLAY (CH) 2.5Y4/2, stiff, moist, 90% clay, 10% silt.
							21		Brown mottled dark grayish brown FAT CLAY with silt (CH) 10YR4/3 & 2.5Y4/2, stiff, moist, 90% clay, 10% silt.
							22		
							23	Olive gray POORLY GRADED SAND with clay (SC) 5Y4/2, loose, 65% fine-grained sand, 25% lean clay, 10% silt. No soil sample collected. Grab groundwater sample collected and analyzed for TPHg/BTEX & Total Pb.	
			1446				24		
			12/13				25		

BORING TERMINATED AT 24.5 FEET BGS
BOREHOLE FILLED TO SURFACE WITH
CEMENT/BENTONITE (5% max.) GROUT

BORING LOG Chemist Enterprises 333-B Camino Verde Boulder Creek, CA 95006	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. MW-2 Sheet 1 of 3 Date Drilled 12/12/94
Drilling Co.: HEW Drilling Co. Driller: Perfecto Rodriguez Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Southeast portion of site Ground Surface Elevation: 50.52 ft. MSL TOC Elevation: 50.14 ft. MSL	Drill Rig Type: CME 75 Method: Hollow-stem Auger Boring Diameter: 8 -1/4 inches Total Depth: 38 feet
Outer Casing Type: Diameter: Length:	Well Casing/Screen/Filter Pack Diameter/Type: 2" Sch 40 PVC Screen Length (ft): 10 Slot Size: 0.010 in. Sand Pack: #2/12	Sampler Method: California Split-Spoon Length (ft): 1.5 Hammer Weight (lbs)/Fall (in): 140/30

Sample Depth	Blows/6-in.	Inches Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							0		2" Asphaltic Concrete
							1		4" Aggregate Base rock
							2		
							3		Very dark grayish brown FAT CLAY with silt (CH) 10YR3/2, stiff, very moist, 80% clay, 20% silt.
							4		
							5		Brown LEAN CLAY with sand (CH) 10YR4/3, firm, very moist, 60% clay, 30% fine-grained poorly graded sand, 10% silt, trace fine-grained gravel.
	2	6					5.5		
	3	6					6		
6.0	2	6	2.5		0858	MW2-1	6.5		
							7		
							8		
							9		
							10		Brown FAT CLAY with sand (CH) 10YR4/3, very stiff, very moist, 80% clay, 15% silt, 5% fine-grained sand, rare fine-grained chert derived gravel.
	7	6					10.5		

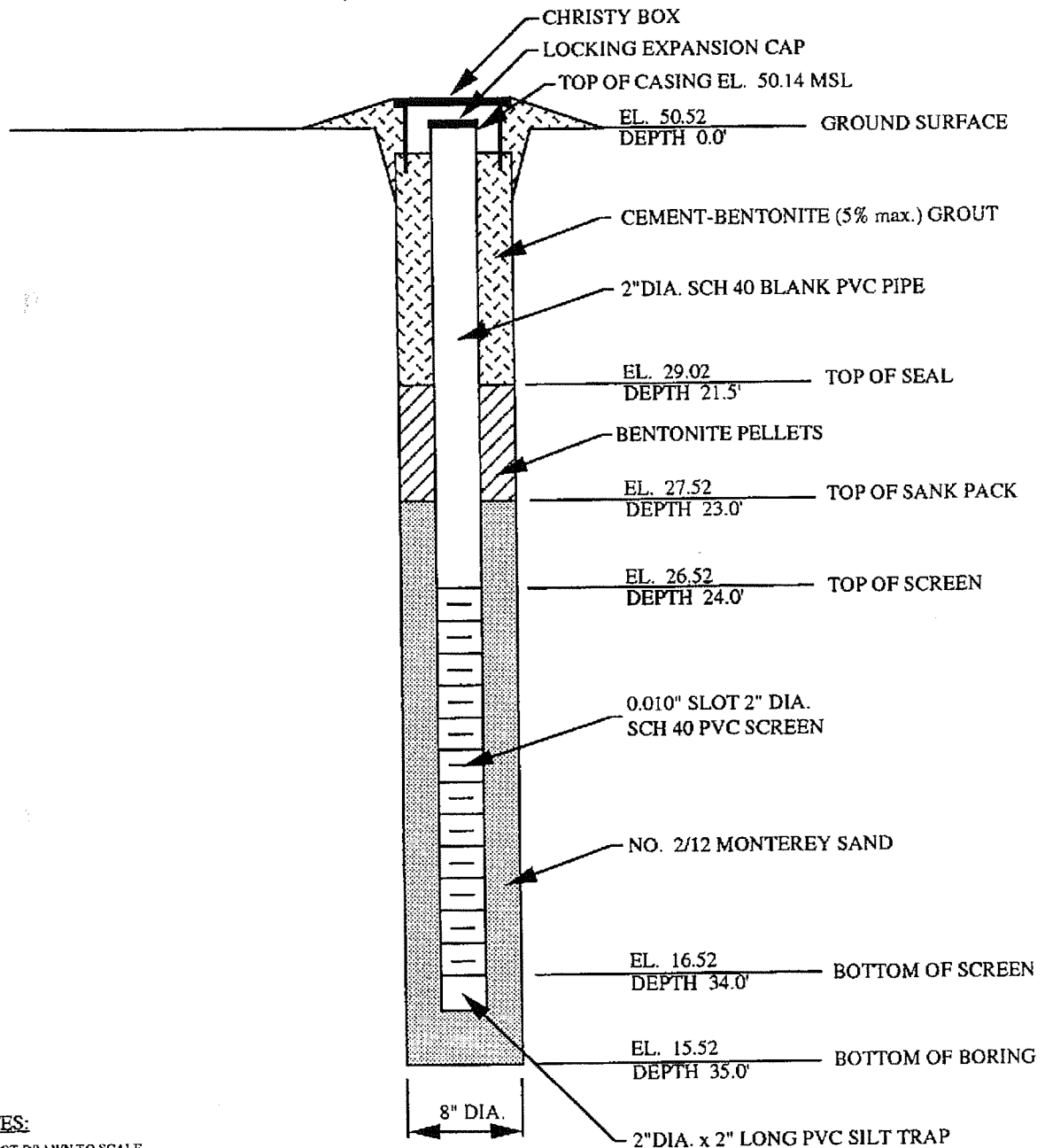
Depth	Blows	Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
	6	6					11		Brown FAT CLAY with sand (CH) 10YR4/3, very stiff, very moist, 80% clay, 15% silt, 5% fine-grained sand, rare fine-grained chert derived gravel.
11.0	9	6	1.8		0905	MW2-2	12		Between 12.0-12.5 feet grades to:
							13		Dark yellowish brown FAT CLAY with silt (CH) 10YR4/4, very stiff, moist, 80% clay, 15% silt, 5% fine-grained sand, trace fine-grained gravel.
							14		
	3	6					15		
	5	6					16		
16.0	7	6	1.8		0920	MW2-3	17		
							18		
							19		
							20		Grades to: -----
	3	6					21		Dark greenish gray FAT CLAY (CH) 5GY4/1, stiff, moist, 95% clay, 5% silt.
21.0	12	6	1.5		0925	MW2-4	22		
							23		-----
							24		
							25		Dark greenish gray POORLY-GRADED SAND with clay (SC) 5GY4/1, loose, 75% fine-grained sand, 20% lean clay, 5% silt.

Depth	Blows	Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
	3	6					25		
	3	6					26		Dark greenish gray POORLY-GRADED SAND with clay (SC) 5GY4/1, loose, 75% fine-grained sand, 20% lean clay, 5% silt.
26.0	5	6	6.7	0940 12/13	0940	MW2-5			
							27		
							28		
							29		
	13	6					30		
	15	6					31		Dark greenish gray WELL GRADED SAND with gravel (SW) 5GY4/1, dense, wet, 85% fine- to coarse-grained subangular to subrounded sand, 15% fine-grained subrounded gravel.
31.0	25	6	1700		0955	MW2-6			
							32		
							33		
							34		
	3	6					35		Dark yellowish brown LEAN CLAY with sand (CH) 10YR4/4, firm, moist, 65% clay, 30% fine-to medium-grained sand, 5% silt.
	4	6					36		
36.0	4	6	40		1005	MW2-7			
	8	6					37		
	10	6					38		Olive gray FAT CLAY (CH) 5Y4/2, stiff, moist, 80% clay, 10% fine-grained sand, 10% silt.
38.0	12	6	1.4		1010				
							39		BORING TERMINATED AT 38.0 FEET BOREHOLE CONVERTED TO MONITORING WELL MW-2

Monitoring Well Detail

PROJECT NAME: GERMAN AUTOCRAFT WELL NO. : MW-2

WELL LOCATION: 310 E. 14th Street, San Leandro, CA DATE INSTALLED: 12/12/94















NOTES:





1. NOT DRAWN TO SCALE
2. SEE BORING LOG FOR DETAILED SOIL DESCRIPTION.

BORING LOG Chemist Enterprises 333-B Camino Verde Boulder Creek, CA 95006	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. MW-3 Sheet 1 of 3 Date Drilled 12/12/94
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Drilling Co.: HEW Drilling Co. Driller: Perfecto Rodriguez Geologist: Thomas A. Sparrowe, R.G.	Boring Location: West corner of property. Ground Surface Elevation: 49.84 ft. MSL TOC Elevation: 49.44 ft. MSL	Drill Rig Type: CME 75 Method: Hollow-stem Auger Boring Diameter: 8 -1/4 inches Total Depth: 38 feet
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<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: 2" Sch 40 PVC Screen Length (ft): 10 Slot Size: 0.010 in. Sand Pack: #2/12	<u>Sampler</u> Method: California Split-Spoon Length (ft): 1.5 Hammer Weight (lbs)/Fall (in): 140/30
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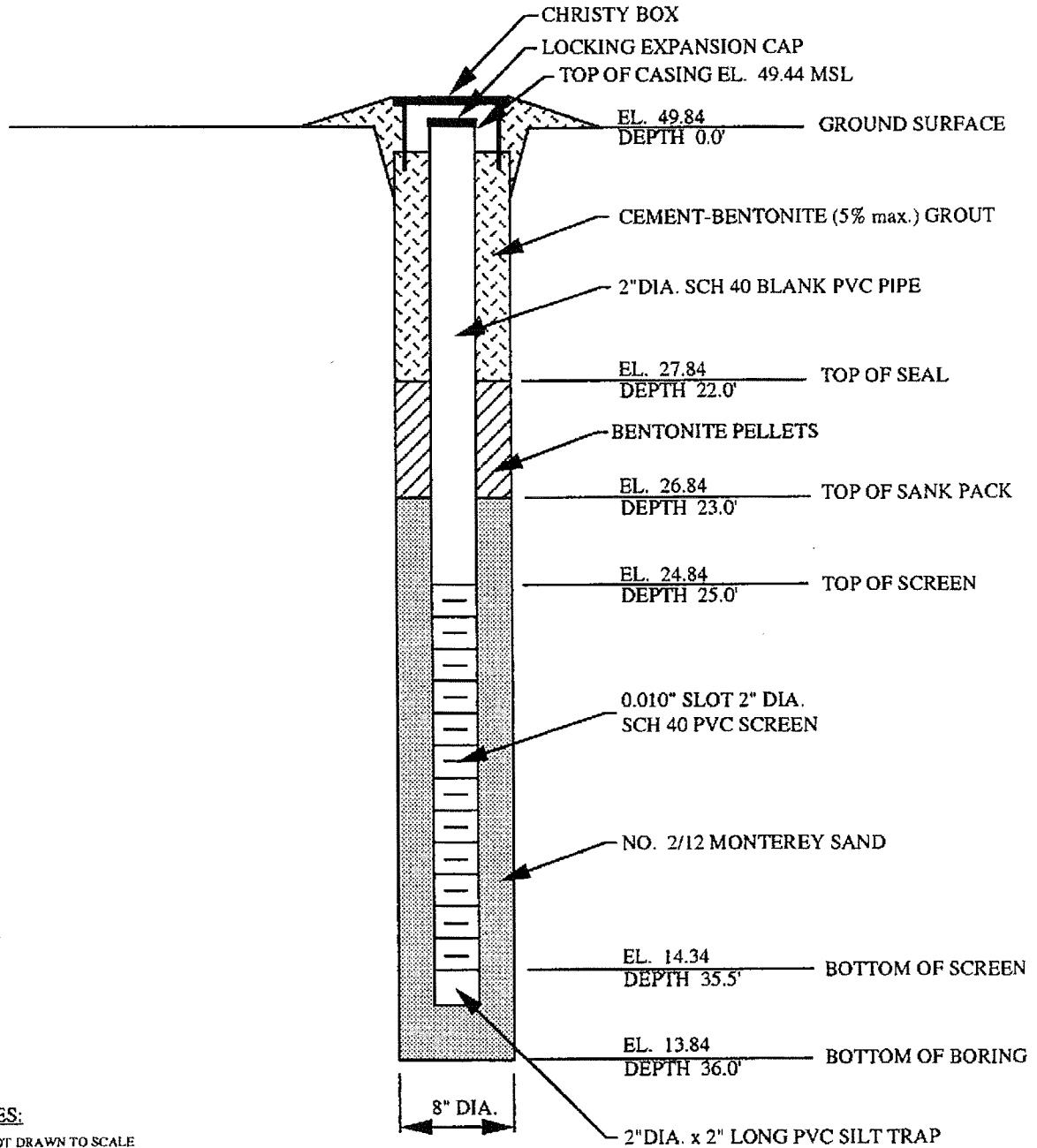
Sample Depth	Blows/6-in.	Inches Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							0		2" Asphaltic Concrete
							1		4" Aggregate Baserock
							2		Very dark grayish brown FAT CLAY with silt (CH) 10YR3/1, stiff, very moist, 80% clay, 20% silt.
						3			
						4			
	3	6					5		Brown LEAN CLAY with silt (CL) 2.5Y3/2, firm, moist, 65% clay, 25% silt, 10% fine-grained poorly graded sand.
	3	6				6			
6.0	3	6	9.0		1310	MW3-1	6		
							7		Dark yellowish brown FAT CLAY (CH) 10YR4/4, very stiff, moist, 90% clay, 10% silt, trace fine-grained sand and chert derived gravel.
							8		
							9		
	10	6					10		

Depth	Blows	Driven	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	Project: German Autocraft	Boring No. MW-3	Sheet 2 of 3
									DESCRIPTION		
	11	6					11		Dark yellowish brown FAT CLAY (CH) 10YR4/4, very stiff, moist, 90% clay, 10% silt, trace fine-grained sand and chert derived gravel.		
11.0	20	6	4.0		1315	MW3-2	12		Between 12.0-12.5 feet grades to:		
							13				
							14				
	4	6					15				
	5	6					16		Dark grayish brown mottled dark reddish brown FAT CLAY with silt (CH) 10YR4/2 & 5YR3/4, stiff, moist, 80% clay, 20% silt, abundant rootholes.		
16.0	6	6	2.0		1326	MW3-3	17				
							18				
							19				
							20		Grades to:		
	3	6					21		Dark greenish gray FAT CLAY (CH) 5GY4/1, firm, very moist, 90% clay, 10% silt		
21.0	3	6	7.0		1315	MW3-5	22		Soil sample MW3-5 duplicate of MW3-4		
							23		-----		
							24				
							25		Dark greenish gray LEAN CLAY with silt (CL) 5GY4/1, medium stiff, moist, 70% clay, 20% silt, 10% fine-grained sand, 10% silt.		

Monitoring Well Detail

PROJECT NAME: GERMAN AUTOCRAFT WELL NO. : MW-3

WELL LOCATION: 310 E. 14th Street, San Leandro, CA DATE INSTALLED: 12/12/94



NOTES:

1. NOT DRAWN TO SCALE
2. SEE BORING LOG FOR DETAILED SOIL DESCRIPTION.

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SANLEANDRO ALAMEDA COUNTY, CA	Boring No. MW-4 Sheet 1 of 3 Date Drilled: 8/31/95
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Drilling Co.: HEW Drilling Co. Driller: Perfecto Rodriguez Geologist: Thomas A. Sparowe, R.G.	Boring Location: Former UST Area Ground Surface Elevation: TOC Elevation:	Drill Rig Type: CME 75 Method: Hollow-stem Auger Boring Diameter: 8 -1/4 inches Total Depth: 36.5 feet
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<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: 2" Sch 40 PVC Screen Length (ft): 10 Slot Size: 0.010 in. Sand Pack: #2/12	<u>Sampler</u> Method: Calif. Modified Split-Spoon Length (ft): 1.5 Hammer Weight (lbs)/Fall (in): 140/30
--	--	--

Sample Depth	Blows/6-in	Inches	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH FEET	GRAPHIC LOG	DESCRIPTION
							1		Very dark grayish brown LEAN CLAY with gravel (CL) 2.5Y3/2, stiff, slightly moist, 60% clay, 30% fine to coarse grained sand, 10% fine gravel. (FILL).
							2		
							3		
							4		
	3	6					5		Olive brown POORLY-GRADED SAND (SP) with occasional balls of very dark grayish brown FAT CLAY (CH), medium density, slightly moist, 80% fine to medium grained sand, 20% clay. (FILL)
5.5-5.5	4	6					6		
5.5-6	4	6			10:20		7		
							8		Dark yellowish brown FAT CLAY (CH) 10YR4/3, very stiff, moist, 90% clay, 10% silt, rare medium-grained angular chert derived sand, strong petroleum odor. (NATIVE).
							9		
	6	6					10		

Sample Depth	Blows	Drive	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
10.5-11	11	6					11		Dark yellowish brown FAT CLAY (CH) 10YR4/3, very stiff, moist, 90% clay, 10% silt, rare medium-grained angular chert derived sand, strong petroleum odor.
11-11.5	17	6			10:35				
							12		
							13		
							14		
	5	6					15		
	6	6					16		
	7	6			10:50		16		
							17		
							18		
							19		
							20		
	3	6					20		
	4	6					21		
	4	6			11:10		21		
							22		
							23		
							24		
							25		

Grades to:

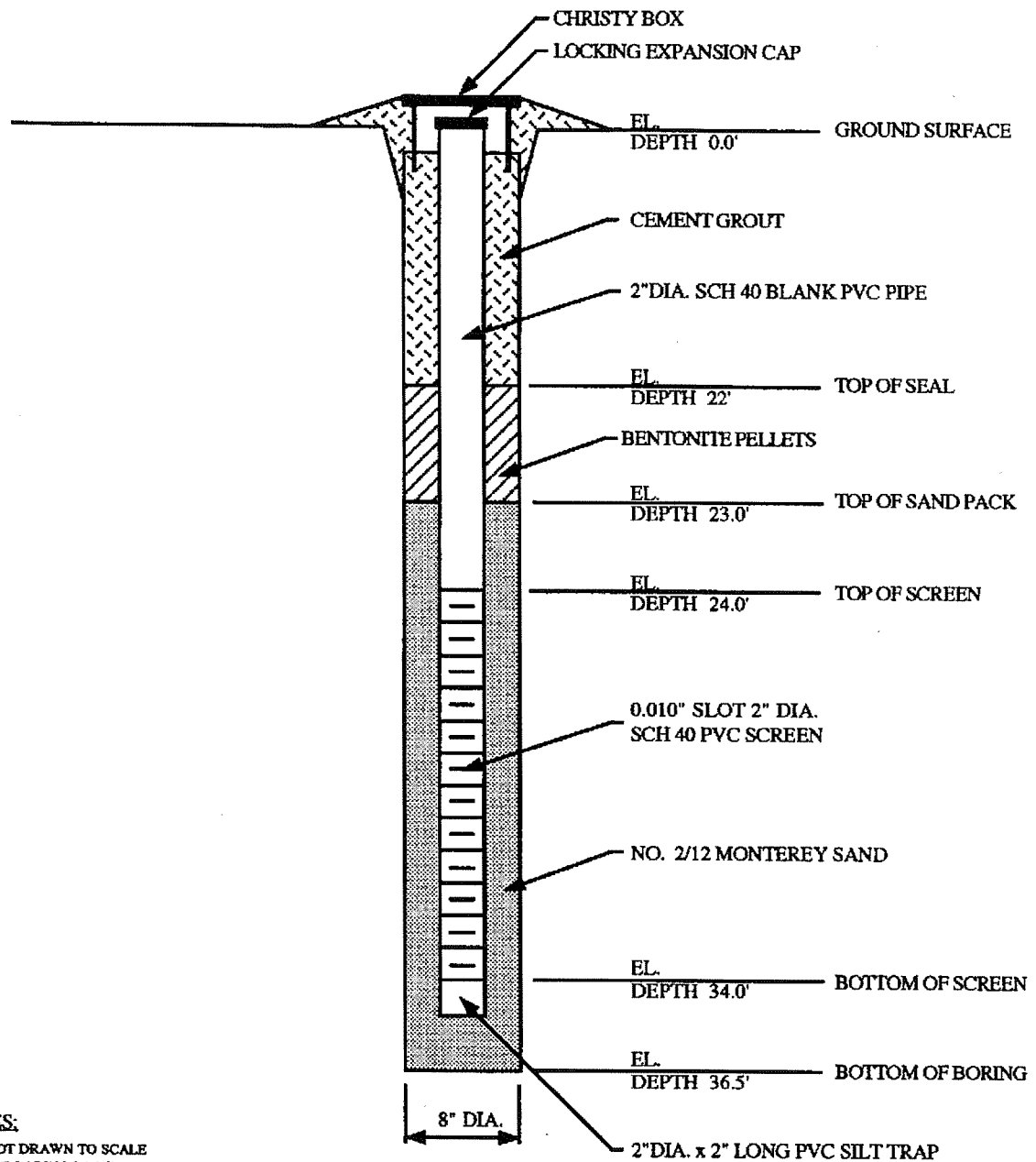
Dark grayish brown FAT CLAY (CH) 2.5Y4/2 stiff, very moist, 90% clay, 10% silt, very strong odor, trace free product (no samples submitted for physical testing).

Olive brown LEAN CLAY with sand (CL) stiff, very moist, 70% clay, 20% fine-grained poorly graded sand, 10% silt, very strong petroleum odor.

Figure 6 Monitoring Well Detail

PROJECT NAME: GERMAN AUTOCRAFT WELL NO. : MW-4

WELL LOCATION: 310 E. 14th Street, San Leandro, CA DATE INSTALLED: 8/31/95


































NOTES:

1. NOT DRAWN TO SCALE
2. SEE BORING LOG FOR DETAILED SOIL DESCRIPTION.

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-1 Sheet 1 of 3 Date Drilled: 11/28/95
Drilling Co.: Environmental Control Assoc. Driller: Jeff Edmond Geologist: Thomas A. Sparrowe, R.G.	Boring Location: NE Property Corner Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Geoprobe Boring Diameter: 1" Total Depth: 37.0 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Geoprobe Length (ft): 2.0 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							0	Asphalt	Asphalt
							1		Very dark grayish brown LEAN CLAY (CL) 10YR 3/2, 70% clay, 20% sand, 10% silt, stiff, slightly moist.
						2			
						3			
						4			
						5			
		6					5		Very dark gray FAT CLAY (CH) 10YR 3/1, 80% clay, 20% silt, stiff, slightly moist.
		6				6			
		6	0	08:15		6			
							7		Dark yellowish brown LEAN CLAY (CL) 10YR 4/4, 70% clay, 20% silt, 10% fine grained sand, very stiff, slightly moist.
						8			
						9			
						10			

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	Project: German Autocraft	Boring No. ETM-1	Sheet 2 of 3
									DESCRIPTION		
		6	0		08:29		11				Lean Clay with (CL) with 5% fine grained sub-angular chert-derived gravel at 11.5-12'.
		6					12				
		6					13				
							14				Brown, FAT CLAY (CH) 10YR 4/3, 90% clay, 10% silt, very stiff, moist.
		6					15				
		6					16				
16-16.5		6	7		08:45	ETM-1-16	16				
		6					17				
							18				
							19				
							20				Brown mottled dark grayish brown FAT CLAY, with silt (CH) 10YR4/3 and 2.5Y4/2, stiff, moist, 90% clay, 10% silt, slight to moderate petroleum odor.
21-21.5			25		08:55	ETM-1-22	21				
21.5-22							22				
							23				Dark greenish gray POORLY GRADED SAND with clay (SC) 5GY4/1, stiff, moist, 60% sand, 40% clay.
23-23.5			300			ETM-1-23	23				
							24				Dark greenish gray POORLY GRADED SAND (SP), 5GY4/1, dense, very moist, 90% sand, 10% silt, strong petroleum odor.
							25				


Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
25-25.5		6		09:38			25		Dark greenish gray POORLY GRADED SAND (SP), 5GY4/1, dense, very moist, 90% sand, 10% silt, strong petroleum odor.
		6					26		Grab water sample ETM-1 and duplicate ETM-30 collected.
							27		
							28		
							29		
		6					30		Dark greenish gray well graded SAND (SW) 5GY4/1, dense, wet, 90% fine to coarse grained subangular to subrounded sand, 10% fine grained gravel, strong petroleum odor, sheen.
		6		10:25			31		
		6					32		
							33		
							34		Dark yellowish brown LEAN CLAY (CL) 10YR4/4, firm, very moist, 65% clay, 30% fine to medium sand, 5% silt, faint petroleum odor.
		6					35		
		6					36		Dark yellowish brown FAT CLAY (CH) 10YR4/4, stiff, moist, 90% clay, 5% fine grained sand, occasional carbonate nodules, faint petroleum odor.
		6		30	10:50		37		
							38		BORING TERMINATED AT 37.0' BGS.
							39		
















BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-2 Sheet 1 of 3 Date Drilled: 11/28/95
Drilling Co.: Environmental Control Assoc. Driller: Jeff Edmond Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Garcia Avenue Ground Surface Elevation: ~ 49' MSL TOC Elevation:	Drill Rig Type: Pneumatic Method: Geoprobe Boring Diameter: 1" Total Depth: 30.0 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Geoprobe Length (ft): 2.0 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							0	Asphalt	
							1	Baserock	
							2		
							3		
							4		
		6					5	Very dark brown FAT CLAY (CH) 10YR2/2, very stiff, moist, 80% clay, 10% silt, trace fine grained sand.	
		6				6			
		6	0		11:35	6			
							7		
							8		
							9		
		6					10	Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% silt.	

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
		6					11		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% silt, with 5 % fine-grained sub-angular chert derived gravel @ 11.5-12'.
		6	0		11:45				
		6					12		
							13		
							14		
		6	0		11:58		15		Dark yellowish brown FAT CLAY (CH) 10YR4/4, very stiff, moist, 90% clay, 10% silt.
		6					16		
		6					17		
		6					18		
		6					19		
		6					20		Olive gray FAT CLAY (CL) 5Y4/2, stiff, moist, 90% clay, 10% silt.
		6					21		
		6	17		12:10	EIM-2-21	21		
		6					22		
		6					23		Dark greenish gray POORLY GRADED SAND (SP) 5GY4/1, firm, wet, 90% fine grained sand, 10% silt.
		6					24		
		6					25		

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-5 Sheet 1 of 3 Date Drilled: 11/28-29/95
Drilling Co.: Environmental Control Assoc. Driller: Jeff Edward Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Apartment Backyard Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Geoprobe Boring Diameter: 1" Total Depth: 27.0 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Geoprobe Length (ft): 2.0 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							1		
							2		
							3		
							4		
		6					5		
		6					6		Very dark grayish brown LEAN CLAY (CL) 10YR 3/2, firm, moist, 70% clay, 20% silt, 10% fine grained sand.
		6	0		09:05		6		
							7		
							8		
							9		
							10	Dark yellowish brown FAT CLAY (CH), 10YR4/4, stiff, moist, 90% clay 5% silt, 5% fine grained sand.	
		6							

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
		6	0				11		Dark yellowish brown FAT CLAY (CH), 10YR4/4, stiff, moist, 90% clay 5% silt, 5% fine grained sand.
		6					12		
		6					13		
							14		
		6	0		10:15		15		Brown FAT CLAY (CH) 10YR5/3, stiff, moist, 90% clay, 10% silt.
		6					16		
		6					17		
							18		
							19		
		6					20		Dark greenish gray FAT CLAY (CH) 10YR3/4, stiff, moist, 90% clay, 10% silt.
		6					21		
		6	0		10:25		22		
		6					23		
		6					24		
		6					25		Olive brown LEAN CLAY, with sand (CL), 2.5Y 4/3, soft, very moist to wet, 50% clay, 30% fine grained sand, 20% silt.

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
		6					25		Olive brown LEAN CLAY, with sand (CL), 2.5Y 4/3, soft, very moist to wet, 50% clay, 30% fine grained sand, 20% silt.
		6					26		Lt. olive brown LEAN CLAY, with sand (CL), 2.5Y 5/3, soft, very moist to wet, 70% clay, 20% silt, 10% fine grained sand. Water samples ETM-5 and duplicate (ETM-31) collected.
		6	0	26.61 11/29/95 09:36	11:35		27		
		6					28		
		6	0		11:45		29		
		6					30		
		6					31		Yellowish brown FAT CLAY (CH) 10YR5/4, stiff, very moist, 90% clay 10% silt.
		6			11:55		32		
		6					33		
		6					34		
		6					35		Yellowish brown LEAN CLAY with sand (CL) 10YR5/4, firm, very moist, 80% clay, 20% fine grained sand.
		6					36		
		6			12:05		37	Yellowish brown FAT CLAY (CH) 10YR 5/4, very stiff, moist, 90% clay, 5% silt, 5% sand.	
							38		
							39		
BORING TERMINATED AT 37.0' BGS.									

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SANLEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-6 Sheet 1 of 3 Date Drilled: 11/29/95
Drilling Co.: Environmental Control Assoc. Driller: Jeff Edward Geologist: Thomas A. Sparowe, R.G.	Boring Location: Apartment Courtyard Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Geoprobe Boring Diameter: 1" Total Depth: 29.0 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Geoprobe Length (ft): 2.0 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
					12:40				
							1		
							2		
							3		
							4		
		6					5		
		6					6		Very dark grayish brown LEAN CLAY (CL) 10YR 3/2, firm, moist, 70% clay, 20% silt, 10% fine grained sand.
		6	0				6		
							7		
							8		
							9		
							10		Dark yellowish brown FAT CLAY (CH), 10YR4/4, stiff, moist, 90% clay 5% silt, 5% fine grained sand.
		6							

Sample Depth	Blows	Drive (Inches)	PTD (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION	
		6	0		12:25		11		Dark yellowish brown FAT CLAY (CH), 10YR4/4, stiff, moist, 90% clay 5% silt, 5% fine grained sand.	
		6					12			
		6					13			
							14			
							15			
		6	0				15			Brown FAT CLAY (CH) 10YR5/3, stiff, moist, 90% clay, 10% silt.
		6			12:40		16			
		6					17			
		6					18			
							19			
		6					20			
		6	0		13:00		21			Light olive-brown with mottled yellowish brown FAT CLAY (CH) 10YR3/4, stiff, moist.
		6					22			
		6					23			
							24			
							25		Dark greenish gray POORLY GRADED SAND with clay (SC) 5GY4/1, firm, very moist, 60% sand, 40% clay.	












Sample Depth	Blows	Drive (Inches)	PTD (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
		6					25		Dark greenish gray POORLY GRADED SAND with clay (SC) 5GY4/1, firm, very moist, 60% sand, 40% clay.
		6					26		Dark greenish gray LEAN CLAY with sand (CL) 5GY4/1, firm, very moist, 70% clay, 30% fine grained sand.
		6	0		13:25		27		Dark yellowish-brown FAT CLAY (CH) 10YR4/4, very stiff, slightly moist, 90% clay, 10% silt.
		6					28		
		6					29		
		6	0		13:40		30		
		6					31		
		6					32		
		6					33		
		6					34		
		6					35		
		6					36		
		6					37		
		6					38		
		6					39		
<p>BORING TERMINATED AT 29.0'. BORING LEFT OPEN FOR WATER.</p>									


BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-7 Sheet 1 of 3 Date Drilled: 11/29/95
Drilling Co.: Environmental Control Assoc. Driller: Jeff Edmond Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Inside Building Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Geoprobe Boring Diameter: 1" Total Depth: 28.0 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Geoprobe Length (ft): 2.0 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							0	Concrete	Concrete
							1		Very dark grayish brown LEAN CLAY (CL) 10YR 3/2, stiff, moist, 80% clay, 10% fine grained sand, 10% silt.
						2			
						3			
						4			
						5			
		6					6		Very dark gray FAT CLAY (CH) 10YR2/2, stiff, moist, 90% clay, 10% silt, trace fine grained sand.
		6				7			
		6	0		14:15		8		
							9		
							10		
		6					10		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist, 90% clay, 10% silt.



Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
		6	0		14:25		11		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 85% clay, 10% silt, 5% fine grained chert derived gravel at 11.5-12' bgs.
		6					12		
		6					13		
							14		
							15		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% silt.
		6	0		14:40		16		
		6					17		
							18		
							19		
		6					20		Dark greenish gray FAT CLAY (CH) 5GY4/1, very stiff, moist, 90% clay, 10% silt, faint petroleum odor.
		6					21		
		6		1	14:50		22		Brown mottled gray FAT CLAY (CH) 10YR4/3-10YR5/1, stiff, moist 90% clay, 10% silt.
		6					23		
		6					24		Dark greenish gray FAT CLAY (CH) 5GY4/1, very stiff, moist, 90% clay, 10% silt, faint petroleum odor. <i>why no PID Reading?</i>
		6					25		
		6		9	15:15	ETM-7-23			

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-10 Sheet 1 of 3 Date Drilled: 11/30/95
Drilling Co.: Environmental Testing & Mgmt Driller: Tyrone Clark Geologist: Thomas A. Sparrowe, R.G.	Boring Location: N. Side of E. 14th Street Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Driven Rod Boring Diameter: 1.5" Total Depth: 27.3 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Barrel Sampler Length (ft): 0.5 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
					09:00		0		Concrete
							1		
							2		
							3		
							4		
		6					5		Very dark grayish brown LEAN CLAY (CL) 10YR 3/2, stiff, moist, 70% clay, 20% silt, 10% sand.
							6		
							7		
							8		
							9		
		6					10		Dark yellowish brown LEAN CLAY (CL) 10YR 4/4, very stiff, slightly moist, 70% clay, 20% silt, 10% fine grained sand.

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
							11		
							12		
							13		
							14		
		6					15		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% sand.
							16		
							17		
							18		
							19		
		6					20		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% sand.
							21		
							22		
							23		
							24		
				▼ 10:50			25		Dark greenish gray LEAN CLAY (CL) with silt, 5GY4/1, firm, very moist, 70% clay, 20% silt, 10% fine grained sand.

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-11 Sheet 1 of 3 Date Drilled: 11/30/95
Drilling Co.: Environmental Testing & Mgmt Driller: Tyrone Clark Geologist: Thomas A. Sparrowe, R.G.	Boring Location: N. Side of E. 14th Street Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Driven Rod Boring Diameter: 1.5" Total Depth: 27.3 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Barrel Sampler Length (ft): 0.5 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
					09:00			Concrete	
							1		Very dark grayish brown LEAN CLAY (CL) 10YR 3/2, stiff, moist, 70% clay, 20% silt, 10% sand.
						2			
						3			
						4			
		6				5			
							6		Dark yellowish brown LEAN CLAY (CL) 10YR4/4, very stiff, slightly moist, 70% clay, 20% silt, 10% fine grained sand.
						7			
						8			
						9			
		6				10			

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
							11		
							12		
							13		
							14		
		6					15		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% sand.
							16		
							17		
							18		
							19		
		6					20		Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% sand.
							21		
							22		
							23		
				▼			24		
				10:50			25		Dark greenish gray LEAN CLAY (CL) with silt, 5GY4/1, firm, very moist, 70% clay, 20% silt, 10% fine grained sand.

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-17 Sheet 1 of 3 Date Drilled: 3/25/96
Drilling Co.: Environmental Testing & Mgmt Driller: Tyrone Clark Geologist: Thomas A. Sparowe, R.G.	Boring Location: Street, 185 W. Broadmoor Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Driven Rod Boring Diameter: 1.5" Total Depth: 30 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Barrel Sampler Length (ft): 0.5 Hammer Weight (lbs)/(ft):



Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
					09:00		0		Asphaltic concrete
							1		Basereck
							2		Dark grayish brown FAT CLAY (CH) 10YR 3/2, stiff, very moist, 80% clay, 20% silt, trace fine-grained sand.
							6		Dark yellowish brown LEAN CLAY with sand (CL) 10YR4/4, very stiff, slightly moist, 60% clay, 30% fine grained sand, 10% silt.
		6					8		
							9		
							10		

Sample Depth	Blows	Drive (Inches)	PTD (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
							11		Dark yellowish brown LEAN CLAY with sand (CL) 10YR4/4, very stiff, slightly moist, 60% clay, 30% fine grained sand, 10% silt.
							12		
							13		
							14		
							15		
				▼ 1102			16		
							17		Dark yellowish brown FAT CLAY (CH) 10YR4/2, very stiff, slightly moist, 80% clay, 20% sand, trace fine-grained sand.
	6						18		
							19		
							20		
							21		
							22		
							23		
							24		Same as above
	6						25		

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-19 Sheet 1 of 3 Date Drilled: 3/25/96
Drilling Co.: Environmental Testing & Mgmt Driller: Tyrone Clark Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Driveway, 188 W. Broadmoor Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Driven Rod Boring Diameter: 1.5" Total Depth: 30 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Barrel Sampler Length (ft): 0.5 Hammer Weight (lbs)/(ft):






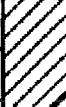




Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
					1155		0		
							1		Dark yellowish brown brown FAT CLAY (CH) 10YR 3/2, medium stiff, very moist, 80% clay, 20% silt, trace fine-grained sand.
						2			
						3			
						4			
						5			
						6			
							7		
							8		Dark yellowish brown LEAN CLAY with sand (CL) 10YR4/4, very stiff, slightly moist, 60% clay, 30% fine grained sand, 10% silt.
	6					9			
						10			

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION	
							11		Dark yellowish brown LEAN CLAY with sand (CL) 10YR4/4, very stiff, slightly moist, 60% clay, 30% fine grained sand, 10% silt.	
							12			
							13			
							14			
							15			
							16			
							17			Dark yellowish brown FAT CLAY (CH) 10YR4/2, very stiff, slightly moist, 80% clay, 20% sand, trace fine-grained sand.
		6					18			
							19			▼
							20			
							21			
							22			
							23			
							24			Same as above
		6					25			

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
							25		Dark yellowish brown FAT CLAY (CH) 10YR4/2, very stiff, slightly moist, 80% clay, 20% sand, trace fine-grained sand.
						26			
						27			
						28			
							29		Dark gray well-graded SAND (SW), dense, wet, 30% fine to coarse grained sand, 10% fine-grained gravel, 10% silt, faint petroleum odor. Water sample ETM-19 collected.
						30			
							31		BORING TERMINATED AT 30.0' BGS.
							32		
							33		
							34		
							35		
							36		
							37		
							38		
							39		

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BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-21 Sheet 1 of 2 Date Drilled: 3/26/96
Drilling Co.: Environmental Testing & Mgmt Driller: Tyrone Clark Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Viking Liquor, E. 14th Street Ground Surface Elevation:	Drill Rig Type: Pneumatic Method: Driven Rod Boring Diameter: 1.5" Total Depth: 24.5 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Barrel Sampler Length (ft): 0.5 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
					09:00				Asphaltic Concrete
							1		Baserock
							2		Dark grayish brown LEAN CLAY with sand (CL) 10YR 3/2, stiff, moist, 60% clay, 20% silt, 20% fine-grained sand.
							3		
							4		
							5		
							6		
							7		
							8		Yellowish brown FAT CLAY (CH), very stiff, moist, 85% clay, 15% silt, trace fine-grained sand.
		6					9		
							10		

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION
							11		Yellowish brown FAT CLAY (CH), very stiff, moist, 85% clay, 15% silt, trace fine-grained sand.
							12		
							13		
							14		
							15		
							16		
	6						17		
							18		
				▽			19		
							20		
				▽			21		
							22		
							23		
							24		
	6						24.5		
BORING TERMINATED AT 24.5' BGS.									

Grayish brown LEAN CLAY (CL), very stiff, very moist to wet, 70% clay, 30% silt, trace fine grained sand.

Gray POORLY GRADED SAND with clay (SP) firm, wet, 80% sand, 20% silt.

Grab water sample ETM-21 and duplicate ETM-43 collected.

Grayish brown LEAN CLAY (CL), very stiff, very moist to wet, 70% clay, 30% silt, trace fine grained sand.

BORING LOG Environmental Testing & Management 2916 Magliocco Drive, Suite #2 San Jose, CA 95128	GERMAN AUTOCRAFT 301 EAST 14th STREET SAN LEANDRO ALAMEDA COUNTY, CA	Boring No. ETM-22 Sheet 1 of 2 Date Drilled: 3/26/96
Drilling Co.: Environmental Testing & Mgmt Driller: Tyrone Clark Geologist: Thomas A. Sparrowe, R.G.	Boring Location: Driveway, 156 Garcia Ground Surface Elevation: TOC Elevation:	Drill Rig Type: Pneumatic Method: Driven Rod Boring Diameter: 1.5" Total Depth: 24.5 feet
<u>Outer Casing</u> Type: Diameter: Length:	<u>Well Casing/Screen/Filter Pack</u> Diameter/Type: Screen Length (ft): Slot Size:	<u>Sampler</u> Method: Barrel Sampler Length (ft): 0.5 Hammer Weight (lbs)/(ft):

Sample Depth	Blows/6-in	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH IN FEET	GRAPHIC LOG	DESCRIPTION
							0	Concrete	Concrete
							1	Dark grayish brown LEAN CLAY with sand (CL) 10YR 3/2, stiff, moist, 60% clay, 20% silt, 20% fine-grained sand.	
							2		
							3		
							4		
							5		
							6		
							7		
							8	Dark yellowish brown LEAN CLAY with sand (CL) 10YR 4/4, very stiff, moist, 65% clay, 15% silt, 25% fine-grained sand.	
		6					8.5		
							9		
							10		

Sample Depth	Blows	Drive (Inches)	PID (ppm)	Water Level Time & Date	Time	Sample Number	DEPTH	GRAPHIC LOG	DESCRIPTION	
							11			
							12			
							13			
							14			
							15			
							16			Brown FAT CLAY (CH) 10YR4/3, very stiff, slightly moist 90% clay, 10% sand.
		6					17			
							18			
							19			
				▼			20			
							21			
							22			Grayish brown mottled yellowish brown LEAN CLAY (CL), very stiff, very moist to wet, 70% clay, 30% silt, trace fine grained sand.
							23			
							24			Dark gray POORLY GRADED SAND (SP), dense, wet, 90% sand, 10% silt.
		6		▽			24			Grab water sample ETM-21 and duplicate ETM-43 collected.
							25		BORING TERMINATED AT 24.5' BGS.	

Environmental Testing and Management, San Jose, CA

Exploratory Boring Log

Project No. GA Boring/Well No. MW-5

Well Installed: 2" dia. Sch 40 PVC

Client: German Autocraft Date Drilled: Aug. 28, 1998

Total Depth: 31.5' Casing Depth: 30'

Location: 301 E. 14th St. San Leandro, CA Logger: CMP

Screen Length and Size: 10' of 0.020"

Drilling Method: 8" OD Hollowstem

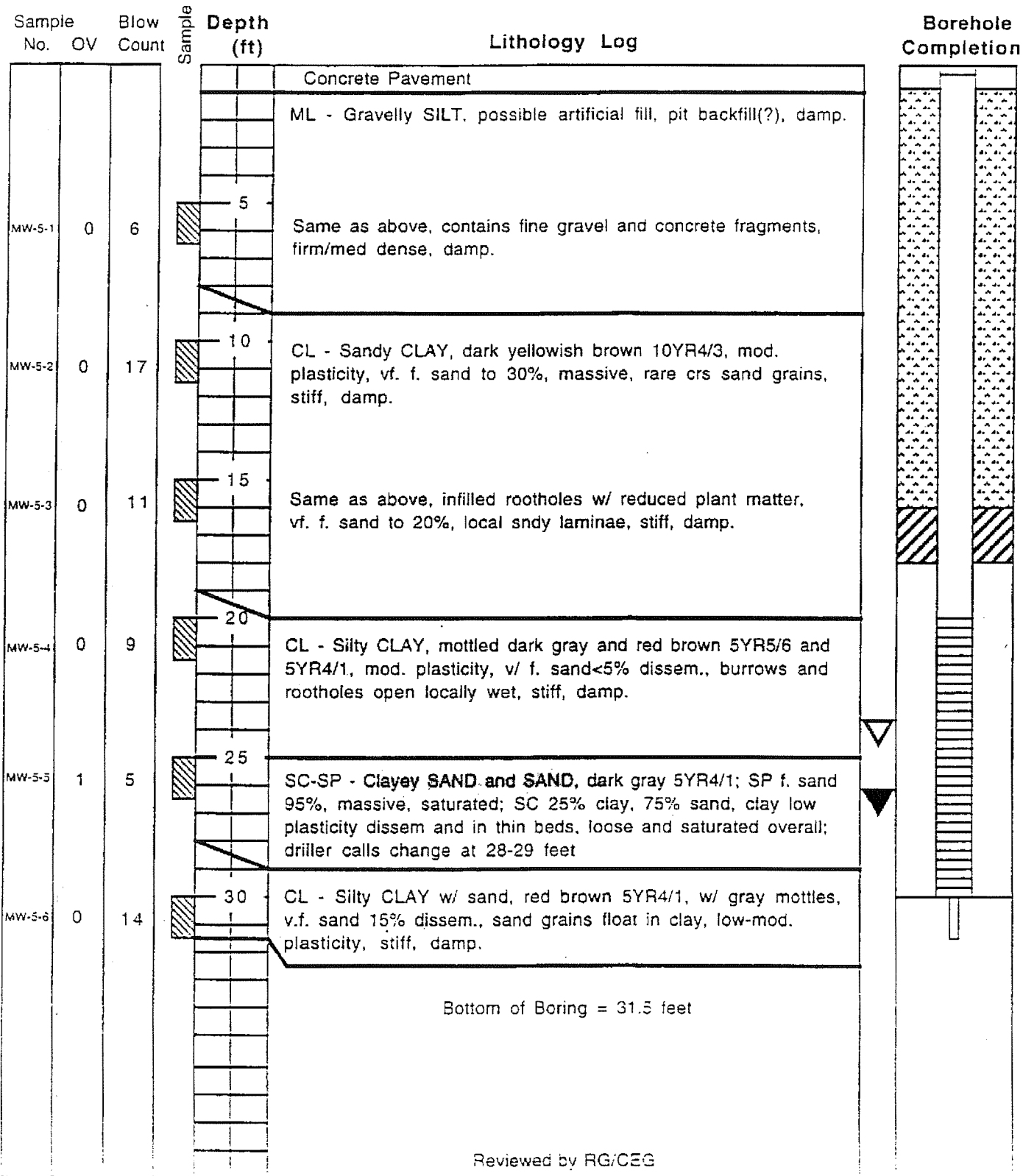
Top of Sand Pack: 18' Sand Size: 2/12

Permit: City of San Leandro 98277

Top Bentonite: 16' Cement Grout Seal: 16' to 0.5'

Water Levels: 1st Enc: 24'(?) Static: 27.74 @ 08:07

Surface vault box; Casing Elev. -- MSL



Project No. GA Boring/Well No. MW-6
 Client: German Autocraft Date Drilled: Aug. 27, 1998
 Location: 301 E. 14th St, San Leandro, CA Logger: CMP
 Drilling Method: 8" OD Hollowstem
 Permit: City of San Leandro 98277
 Water Levels: 1st Enc: 23.5 ± Static: NM

Well installed: 2" dia. Sch 40 PVC
 Total Depth: 36.5' Casing Depth: 35'
 Screen Length and Size: 15' of 0.020"
 Top of Sand Pack: 18' Sand Size: 2/12
 Top Bentonite: 16' Cement Grout Seal: 16' to 0.05'
 Surface vault box; Casing Elev. -- MSL

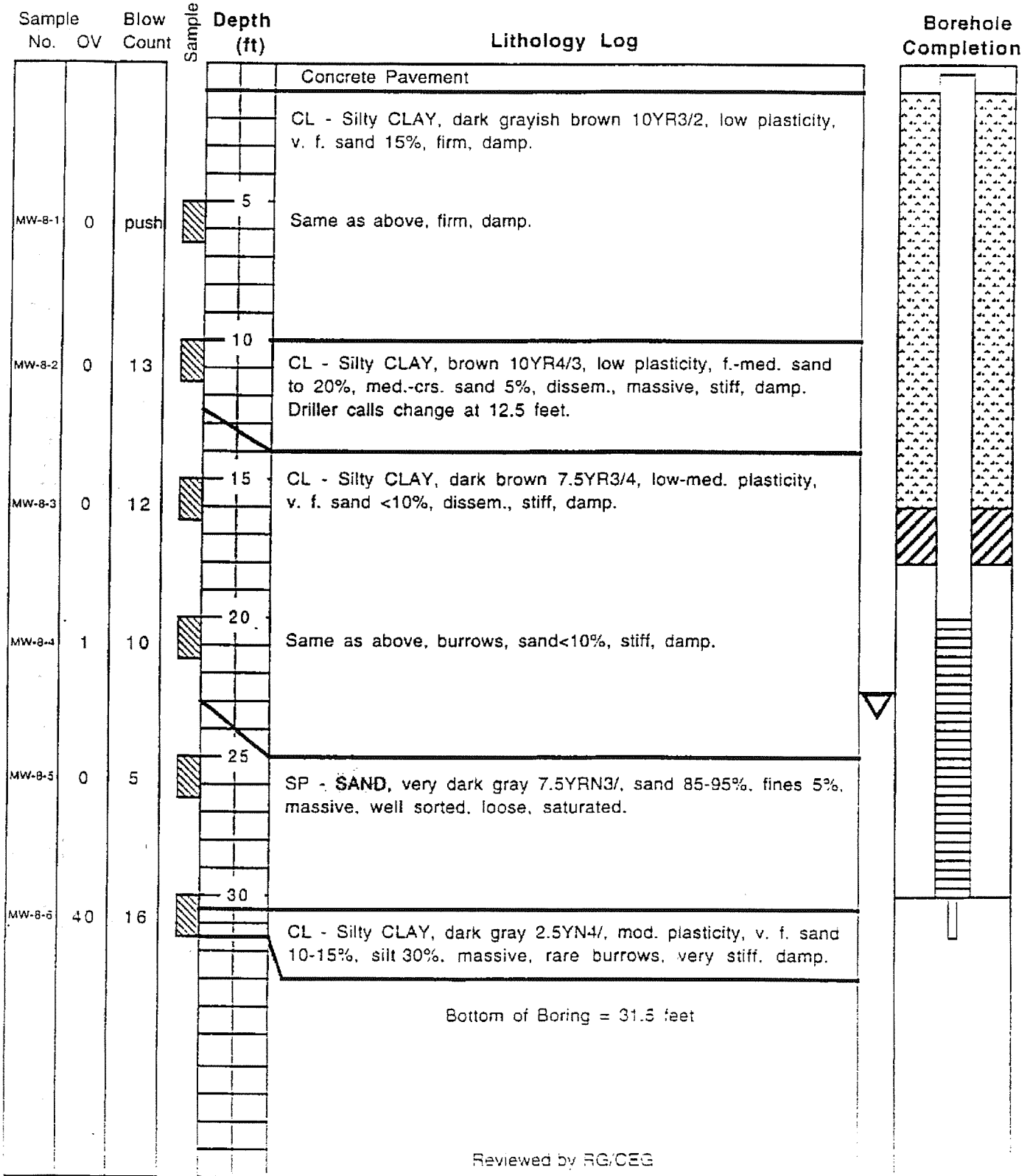
Sample No.	Blow OV	Count	Sample Depth (ft)	Lithology Log	Borehole Completion
				Asphalt Pavement	
				CL - Silty CLAY, black 10YR2/1, low-mod. plasticity, firm-hard, damp.	
MW-6-1	0	push	5	Same as above, firm, damp.	
				CL - Silty CLAY, drk yellowish brown 10YR4/4, low plasticity, rare crs sand float in clay, f. sand to 30%, stiff, damp.	
MW-6-2	0	14	10		
				Same as above, burrows, sand < 10%, stiff, moist, possible stain at 16.5 feet.	
MW-6-3	0	13	15		
				SP - SAND with Clay, dark greenish gray 5G4/1, f. sand to 95%, massive, clay 5%, low plasticity, loose, very moist to saturated.	
MW-6-4	0	6	20		
				SP - SAND, varigated gray, very poorly graded, massive, f. to med. 99%, med. dense, saturated.	
MW-6-5	0	11	25		
				Same as above, fine gravel interbeds at 31 feet, weak petrol. odor, becomes coarser with depth, dense, saturated.	
MW-6-6	11.0	23	30		
				CL - Silty CLAY, olive gray 5Y4/2, low plasticity, f.-med. sand to 30%, floats in clay, locally contains fine gravel at 36-36.5', massive, very stiff, damp.	
MW-6-7	0	25	35		

Bottom of Boring = 36.5 feet

Reviewed by RG/CEG

Project No. GA Boring/Well No. MW-8
 Client: German Autocraft Date Drilled: Aug. 27, 1998
 Location: 301 E. 14th St, San Leandro, CA Logger: CMP
 Drilling Method: 8" OD Hollowstem
 Permit: City of San Leandro 98277
 Water Levels: 1st Enc: 23.5+ @ 14:35 Static: NM

Well Installed: 2" dia. Sch 40 PVC
 Total Depth: 31.5' Casing Depth: 30'
 Screen Length and Size: 10' of 0.020"
 Top of Sand Pack: 18' Sand Size: 2/12
 Top Bentonite: 16' Cement Grout Seal: 16' to 0.05'
 Surface vault box; Casing Elev. -- MSL



Project No. GA Boring/Well No. MW-9

Well Installed: 2" dia. Sch 40 PVC

Client: German Autocraft Date Drilled: Aug. 31, 1998

Total Depth: 36.5' Casing Depth: 35'

Location: 301 E. 14th St, San Leandro, CA Logger: CMP

Screen Length and Size: 15' of 0.020"

Drilling Method: 8" OD Hollowstem

Top of Sand Pack: 18' Sand Size: 2/12

Permit: City of San Leandro 98277

Top Bentonite: 16' Cement Grout Seal: 16' to 0.5'

Water Levels: 1st Enc: 24'±@10:40 Static: NM

Surface vault box; Casing Elev. -- MSL

Sample No.	Blow OV	Blow Count	Sample Depth (ft)	Lithology Log	Borehole Completion
				Concrete Pavement	
				CL - Sandy CLAY, dark brown 7.5YR3/2, low plasticity, vf. to f. sand 40%, dissem., crudely bedded, damp, soft.	
MW-9-1	0	4	5	Same as above, soft, damp.	
MW-9-2	0	13	10	CL - Silty CLAY, dark brown 7.5YR3/2, mod. to high plasticity, vf. sand <10%, dissem, rare crs sand grains float in clay, crudely bedded, burrows and rootholes, stiff, damp.	
MW-9-3	0	12	15	Same as above, 4-inch sand interbed at 16 feet, damp.	
				SC - Clayey SAND, strong brown 7.5YR5/6, low plasticity, vf. sand 60-80%, clay/silt 20-40%, massive, med. dense, moist.	
MW-9-4	0	13	20	CL - Silty CLAY, brown, 10YR4/3, brown, mod. plasticity, vf. sand <5%, dissem, laminated, stiff, damp-moist. Driller calls easy drilling at 23 feet	
MW-9-5	0	10	25	SP - SAND, varigated gray, f. to 99%, very well sorted, massive, rootholes infilled w/ reduced plant matter, med. dense, saturated.	
MW-9-6	100	13	30	SW - SAND, varigated, f.-crs. sand 95%, fine gravel 5%. crudely bedded, petroleum odor and sheen coating grains. med. dense, saturated; driller calls change at 34.5 feet.	
MW-9-6	0	9	35	CL - Silty CLAY, very dark gray 7.5YR3/2, mod. plasticity, very weak odor, stiff, damp.	
				Bottom of Boring = 36.5 feet	
				Reviewed by RG/CEG	

Project No. GA Boring/Well No. MW-10

Well Installed: 2" dia. Sch 40 PVC

Client: German Autocraft Date Drilled: Aug. 28, 1998

Total Depth: 41.5' Casing Depth: 40'

Location: 301 E. 14th St, San Leandro, CA Logger: CMP

Screen Length and Size: 20' of 0.020"

Drilling Method: 8" OD Hollowstem

Top of Sand Pack: 18' Sand Size: 2/12

Permit: City of San Leandro 98277

Top Bentonite: 16' Cement Grout Seal: 16' to 0.5'

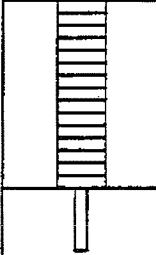
Water Levels: 1st Enc: 26' @ 11:05 Static: 24' @ 11:39

Surface vault box; Casing Elev. -- MSL

Sample No.	Blow OV	Count	Sample Depth (ft)	Lithology Log	Borehole Completion
				Concrete Pavement	
				CL - Sandy CLAY, dark yellowish brown 10YR4/4, low plasticity, vf. sand 30%, crs sand 5%, mottled with black spots, soft, damp.	
MW-10-1	0	3	5	Same as above, soft, damp.	
				CL - Silty CLAY, black 10YR2/1, mod. plasticity, f. m. sand 25%, sand floats in clay, massive, stiff, damp.	
MW-10-2	0	15	10		
				CL - Silty CLAY, dark yellowish brown 10YR4/3, mod. plasticity, v.f. sand 10%, burrows, massive, stiff, damp.	
MW-10-3	0	14	15		
				Same as above, less sand, stiff, damp.	
MW-10-4	0	14	20		
				Same as above, color change to yellow brown 10YR5/6, stiff moist and increasing moisture with depth.	
MW-10-5	0	8	25		
				SC - Clayey SAND, yellow brown, 10YR5/6, low plasticity, f. sand 60%, faintly laminated, loose, saturated.	
				SP - SAND, gray 10YR4/1, f. m. sand 95%, fines < 5%, massive, weak petrol. odor, possible light stain, med. dense, saturated.	
MW-10-6	0	23	30		
				SW - SAND, gray 10YR4/1, f. to crs sand 95-99%, very clean, massive, med. dense, saturated.	
MW-10-7	0	25	35		
				Drills hard, then easier at 38 feet. hole flowing at 38 feet	

Project No. GA Boring/Well No. MW-10
 Client: German Autocraft Date Drilled: Aug. 28, 1998
 Location: 301 E. 14th St, San Leandro, CA Logger: CMP
 Drilling Method: 8" OD Hollowstem
 Permit: City of San Leandro 98277
 Water Levels: 1st Enc: 26' @ 11:05 Static: 24' @ 11:39

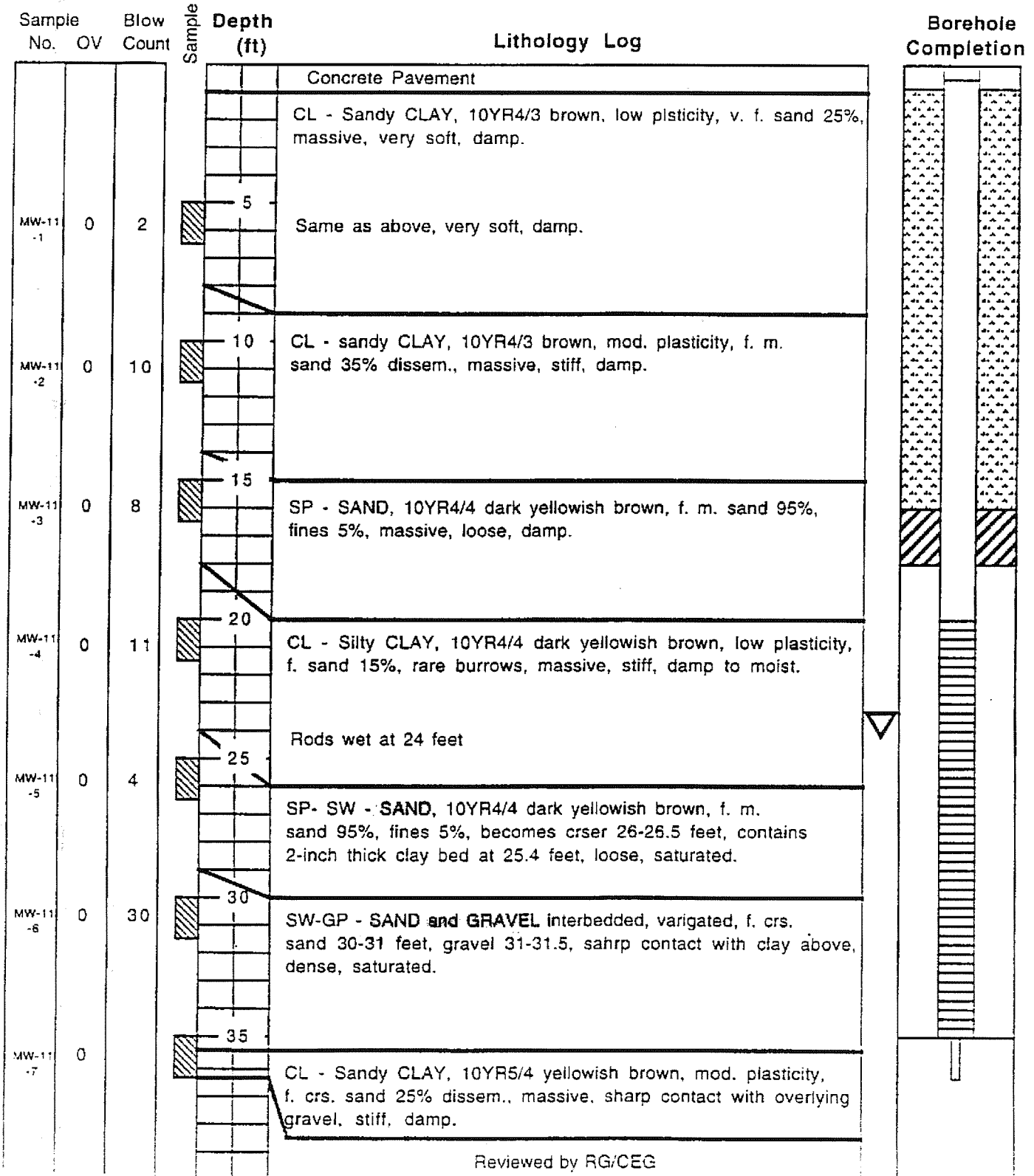
Well Installed: 2" dia. Sch 40 PVC
 Total Depth: 41.5' Casing Depth: 40'
 Screen Length and Size: 20' of 0.020"
 Top of Sand Pack: 18' Sand Size: 2/12
 Top Bentonite: 16' Cement Grout Seal: 16' to 0.5'
 Surface vault box; Casing Elev. -- MSL

Sample No.	Blow Count	Depth (ft)	Lithology Log	Borehole Completion
MW-10-8	0	25	CL - Silty CLAY, mottled gray and light olive brown, 2.5YN4/ and 2.5Y5/4, mod. plasticity, vf. sand 5%, clay infilled burrows, massive, very stiff, damp.	
			Bottom of Boring = 41.5 feet	

Reviewed by RG/CEG

Project No. GA Boring/Well No. MW-11
 Client: German Autocraft Date Drilled: Aug. 28, 1998
 Location: 301 E. 14th St, San Leandro, CA Logger: CMP
 Drilling Method: 8" OD Hollowstem
 Permit: City of San Leandro 98277
 Water Levels: 1st Enc: 24' @ 8:09 am Static: NM

Well Installed: 2" dia. Sch 40 PVC
 Total Depth: 36.5' Casing Depth: 35'
 Screen Length and Size: 15' of 0.020"
 Top of Sand Pack: 18' Sand Size: 2/12
 Top Bentonite: 16' Cement Grout Seal: 16' to 0.5'
 Surface vault box; Casing Elev. -- MSL



Project No. GA Boring/Well No. MW-12
 Client: German Autocraft Date Drilled: Jan. 30, 2001
 Location: 301 E. 14th St, San Leandro, CA Logger: CMP
 Drilling Method: 8" OD Hollowstem
 Permit: Alameda Cnty. W01-014
 Water Levels: 1st Enc: 26'@11:22 Static: 25.57'@12:30

Well Installed: 2" dia. Sch 40 PVC
 Total Depth: 39.5' Casing Depth: 38'
 Screen Length and Size: 15' of 0.020"
 Top of Sand Pack: 21' Sand Size: 2/12
 Top Bentonite: 19' Cement Grout Seal: 19' to 0.5'
 Surface vault box; Casing Elev. -- MSL

Sample No.	Blow Count	Depth (ft)	Lithology Log	Borehole Completion
			Concrete Pavement	
			Class II Fill	
		5	CL - Sandy Silty CLAY, brown 10YR5/3, low plasticity, med-crs. sand 20-30%, transition to silty clay below 4 feet, color change to very dark grayish brown 10YR3/3, sand decreases to 15%, massive, firm, damp.	
MW-12-1 @ 11.5	0	8	Same as above, rare root holes, f. sand dissem. in clay 20%, massive stiff, damp.	
MW-12-2 @ 16.5	0	15	CL - Silty CLAY, yellowish brown 10YR5/4, moderate plasticity, massive, rare crs. sand grains float in clay, thin 1-2 inch thick sand interbeds, stiff, damp.	
MW-12-3 @ 21.5	0	20	Same as above, massive, rootholes, stiff, damp.	
			Driller calls change at 23 feet	
MW-12-4 @ 25.5	0	25	SW - SAND, dark gray 10YR4/1, clay 10% low plasticity, f. crs. sand 90%, massive, loose, saturated.	
MW-12-5 @ 31.5	50	30	Same as above, clay dec. to 5%, med. dense, saturated. ?	
			GW - Gravel, gray 10YR5/1, f. gravel 70%, f. crs. sand 25%, fines 55, weak petroleum odor, very crudely bedded, med. dense, saturated; minor flowing.	
MW-12-6 @ 36.5	NR	35	Same as above, minor flowing, loose, saturated.	
MW-12-7 @ 39.5	0	14	CL - Silty CLAY, yellowish brown 10YR5/4, mod plasticity, v.f. sand < 10% rootholes, massive, no odor or stain, stiff, damp.	

Bottom of Boring = 39.5 feet

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Borehole Completion

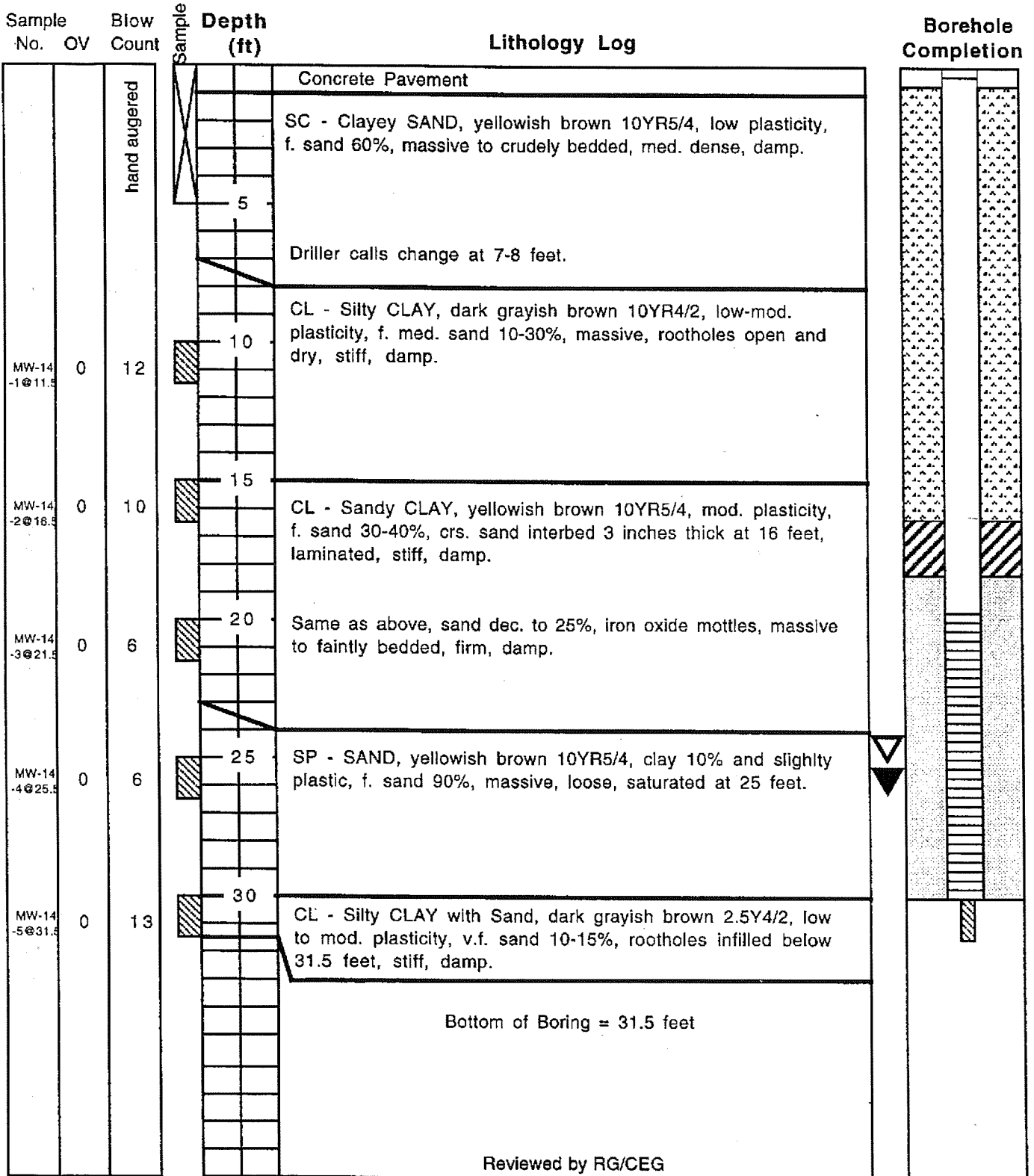
Project No. GA Boring/Well No. MW-13
 Client: German Autocraft Date Drilled: Jan. 30, 2001
 Location: 301 E. 14th St, San Leandro, CA Logger: CMP
 Drilling Method: 8" OD Hollowstem
 Permit: Alameda Cnty. W01-015
 Water Levels: 1st Enc: 25.5' @ 09:40 Static: 31.72' @ 10:25

Well Installed: 2" dia. Sch 40 PVC
 Total Depth: 38' Casing Depth: 38'
 Screen Length and Size: 15' of 0.020"
 Top of Sand Pack: 21' Sand Size: 2/12
 Top Bentonite: 19' Cement Grout Seal: 19' to 0.5'
 Surface vault box; Casing Elev. -- MSL

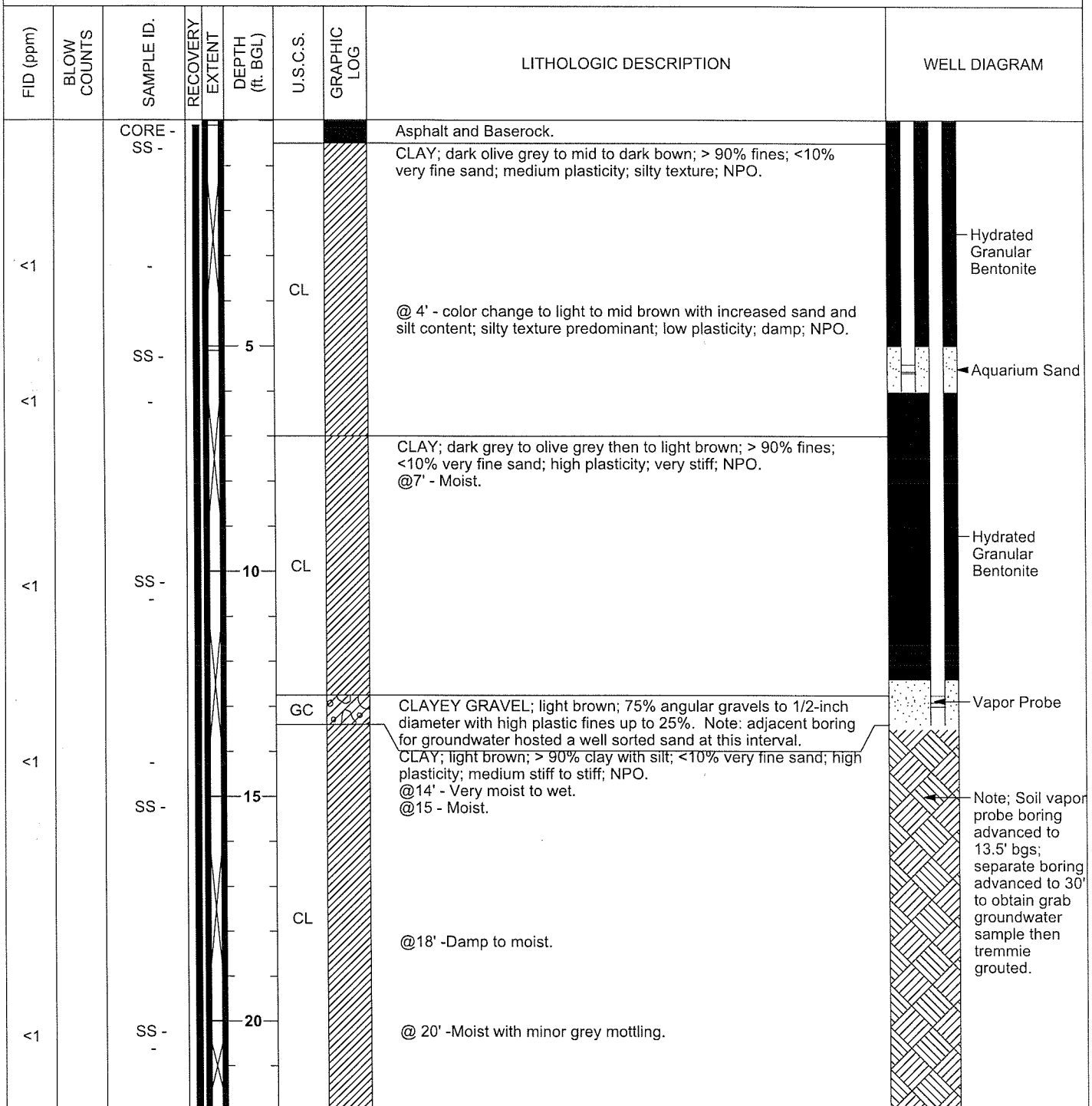
Sample No.	Blow Count	Depth (ft)	Lithology Log	Borehole Completion
			Concrete Pavement	
			Class II Fill	
		5	CL - Silty CLAY, very dark gray brown 10YR5/3, low plasticity, f. sand 15%, massive, damp, firm.	
		10		
MW-13 -1 @ 11.5	0	9	CL - Silty CLAY, yellowish brown 10YR5/4, mod. plasticity, med. crs. sand 10%, rare gravel, massive, stiff, damp.	
		15		
MW-13 -2 @ 16.5	0	12	CL - Silty CLAY, yellowish brown 10YR5/4, mod. plasticity, crs. sand 20% dissem. and in thin beds, massive to crudely bedded, stiff, damp.	
		20		
MW-13 -3 @ 21.5	0	10	Same as above, v.f. sand 40%, rootholes, stiff, damp.	
		25		
MW-13 -4 @ 25.5	0	7	SC - Clayey SAND, yellowish brown 10YR5/4, low plasticity, f. sand 40-70%, faint bedding, rootholes, loose, saturated below 26 feet; clay interbeds at 25-25.5 feet. Driller calls change at 28 feet.	
		30		
MW-13 -5 @ 31.5	0	10	CL/SC - Interbedded Sandy CLAY and Clayey SAND, brown 10YR3/4, clay low plasticity contains wet rootholes; sand 20% dissem. in clay and up to 55% as interbeds, clay, stiff, damp, sand saturated. Driller calls easy and change, increasing sand at 36-37 feet, drills as flowing sands.	
		35		
MW-13 -6 @ 38.5	0	14	CL - Sandy CLAY, brown 10YR5/3, low-mod plasticity, f. med. sand 10-20%, dissem., stiff, damp.	
			Bottom of Boring = 38 feet.	

Project No. GA Boring/Well No. MW-14
 Client: German Autocraft Date Drilled: Jan. 31, 2001
 Location: 301 E. 14th St, San Leandro, CA Logger: CMP
 Drilling Method: 8" OD Hollowstem
 Permit: Alameda Cnty. W01-016
 Water Levels: 1st Enc: 25' @ 14:45 Static: 27.10' @ 15:26

Well Installed: 2" dia. Sch 40 PVC
 Total Depth: 31.5' Casing Depth: 30'
 Screen Length and Size: 10' of 0.020"
 Top of Sand Pack: 18' Sand Size: 2/12
 Top Bentonite: 16' Cement Grout Seal: 16' to 0.5'
 Surface vault box; Casing Elev. -- MSL







PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/6/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/6/09
 LOCATION 301 East 14th Street, San Leandro, CA TOTAL BORING DEPTH 30.0 ft
 DRILLING METHOD Hydraulic Push TOTAL WELL DEPTH 13.4 ft
 SAMPLING METHOD Hydraulic Push BORING / WELL DIAMETER 2 in. / 1/4-inch OD Teflon Tubing in.
 GROUND ELEVATION ---- DRILLED BY Vironoex
 TOP OF CASING ELEVATION ---- LOGGED BY Ross Tinline
 TOP OF BOX ELEVATION ----



PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/6/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/6/09

Continued from Previous Page

FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
2		SS -		25	CL		CLAY; light brown; > 90% clay with silt; <10% very fine sand; high plasticity; medium stiff to stiff; NPO. (continued) @ 24.5' - Moist.	
1		-			CL		SANDY CLAY; light olive grey; >75-80% fines; 20-25% fine sand; very stiff; medium plasticity; soft; weak product odor. ▽	
				30	CL		CLAY; light brown; > 90% clay with silt; <10% very fine sand; high plasticity; very stiff; minor light grey mottling; damp to moist; NPO.	
							Bottom of borehole at 30.0 feet.	

PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/6/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/6/09
 LOCATION 301 East 14th Street, San Leandro, CA TOTAL BORING DEPTH 30.0 ft
 DRILLING METHOD Hydraulic Push TOTAL WELL DEPTH 13.0 ft
 SAMPLING METHOD Hydraulic Push BORING / WELL DIAMETER 2 in. / 1/4-inch OD Teflon Tubing in.
 GROUND ELEVATION ---- DRILLED BY Vironoex
 TOP OF CASING ELEVATION ---- LOGGED BY Ross Tinline
 TOP OF BOX ELEVATION ----

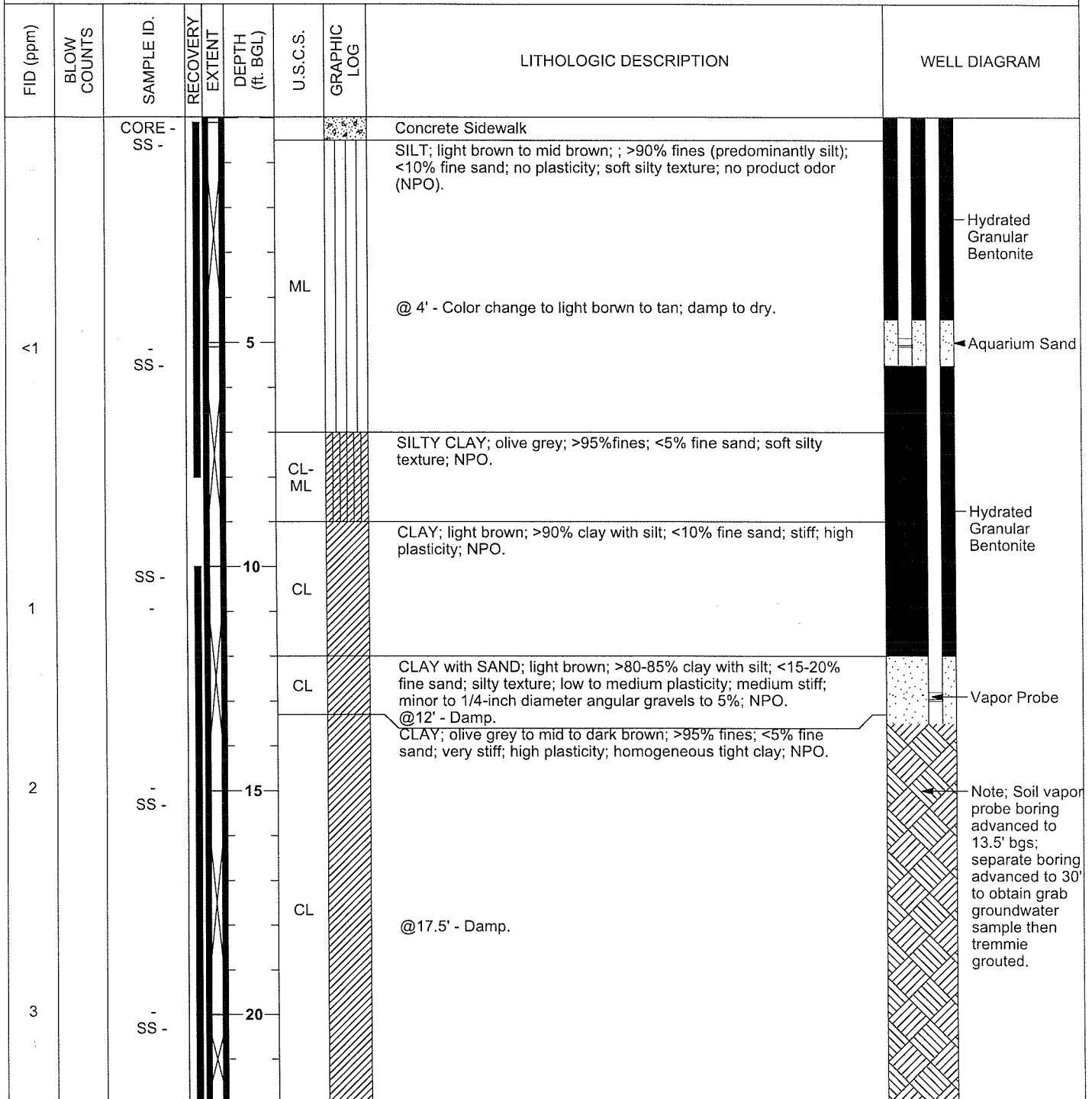
FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
		CORE - SS -					Asphalt and Baserock	
							SILT; light brown;; >90% fines; <10% fine sand; no plasticity; minor secondary vertical porosity; trace fine rootlets; no product odor (NPO).	
							@ 3' - Damp	
					ML			Hydrated Granular Bentonite
<1		SS -		5			@ 5.5' - Damp	Aquarium Sand
<1							CLAY; olive grey; >95%fines; <5% fine sand; very stiff; high plasticity; minor secondary porosity; damp; NPO.	
					CL		@10' - color change to light brown; very stiff clay continues.	Hydrated Granular Bentonite
4		SS -		10				
							SAND; >90% fine to coarse angular and subrounded sand with <10% fines; loose; trace gravel to 1/2-inch diameter; damp; NPO.	Vapor Probe
2					SW			
							CLAY; light brown; >90% clay with silt; <10% fine sand; very stiff; high plasticity; upper contact to 13.5 feet has increased sand content; NPO.	
							@15 - Damp to moist.	
2		SS -		15				
					CL			Slough
							@20' - clay as above but mottled light brown and mid grey; stiff to very stiff; moist; moderate to strong product odor.	Note; Soil vapor probe boring advanced to 20' bgs.
301		SS -		20				

PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/6/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/6/09

Continued from Previous Page

FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
5		SS -		25	CL		CLAY; light brown; >90% clay with silt; <10% fine sand; very stiff; high plasticity; upper contact to 13.5 feet has increased sand content; NPO. (continued) @ 22.5' -clay as above; olive grey; very stiff, weak product odor. @ 23' - Moist. @27' - very moist. @27 to 28' - color change to olive grey with 1-inch fine gravel lenses; clay is soft from moisture content; very moist to wet.	<p>Note: Soil vapor probe boring advanced to 20' bgs; separate boring advanced to 30' to obtain grab groundwater sample then tremmie grouted.</p>
125				30			Bottom of borehole at 30.0 feet.	

PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/8/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/8/08
 LOCATION 301 East 14th Street, San Leandro, CA TOTAL BORING DEPTH 30.0 ft
 DRILLING METHOD Hydraulic Push TOTAL WELL DEPTH 13.5 ft
 SAMPLING METHOD Hydraulic Push BORING / WELL DIAMETER 2 in. / 1/4-inch OD Teflon Tubing in.
 GROUND ELEVATION ---- DRILLED BY Vironoex
 TOP OF CASING ELEVATION ---- LOGGED BY Ross Tinline
 TOP OF BOX ELEVATION ----



PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A

DATE STARTED 1/8/09

PROJECT NAME German Autocraft

DATE COMPLETED 1/8/08

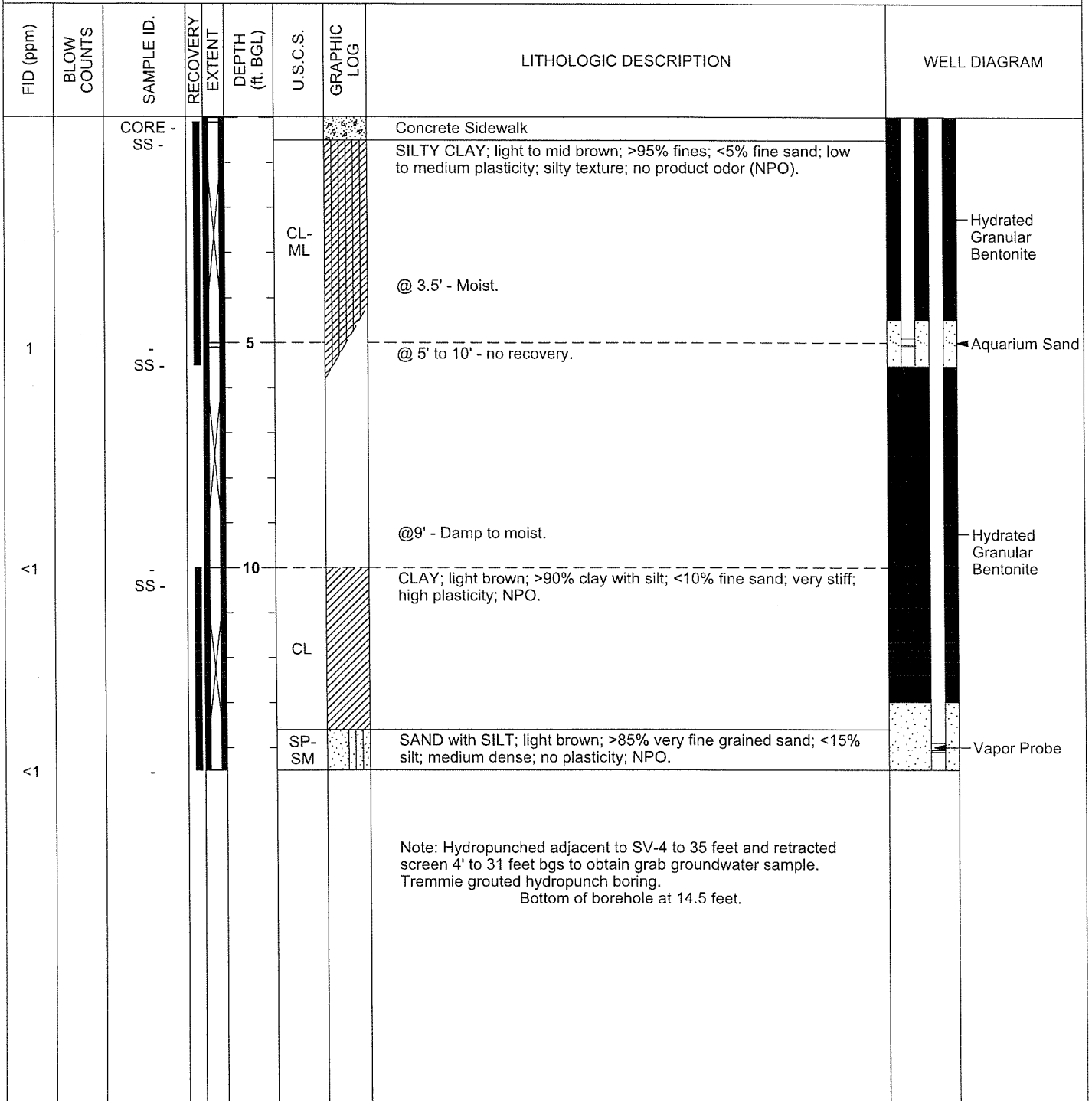
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FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
4		SS -		25	CL		<p>@ 21.5' -Moist. CLAY; olive grey to mid to dark brown; >95% fines; <5% fine sand; very stiff; high plasticity; homogeneous tight clay; NPO. (continued)</p> <p>CLAY with SAND; color change to light grey; sand content increases with depth to 15 to 20%; 80-85% fines; soft to medium stiff; NPO. @ 24.5' - Very moist.</p> <p>@27' - very moist.</p>	
643		-		30	SP SW		<p>SAND; olive grey; >90% fine sand; <10% fines; loose to medium dense; moderate product odor.</p> <p>SAND; well graded; predominantly medium sand with 30% coarse sand and gravels to 1-inch diameter; loose; strong product odor. @29.5' - Wet.</p>	
<p>Note: groundwater immediately rose to approximately 18-feet bgs upon penetrating the sands at approximately 28 feet. Bottom of borehole at 30.0 feet.</p>								

WELL NUMBER SV-4

PAGE 1 OF 1

PROJECT NUMBER <u>Groundwater Cleaners Inc. - GWC-01.1A</u>	DATE STARTED <u>1/8/09</u>
PROJECT NAME <u>German Autocraft</u>	DATE COMPLETED <u>1/8/09</u>
LOCATION <u>301 East 14th Street, San Leandro, CA</u>	TOTAL BORING DEPTH <u>14.5 ft</u>
DRILLING METHOD <u>Hydraulic Push</u>	TOTAL WELL DEPTH <u>14.5 ft</u>
SAMPLING METHOD <u>Hydraulic Push</u>	BORING / WELL DIAMETER <u>2 in. / 1/4-inch OD Teflon Tubing in.</u>
GROUND ELEVATION <u>----</u>	DRILLED BY <u>Vironoex</u>
TOP OF CASING ELEVATION <u>----</u>	LOGGED BY <u>Ross Tinline</u>
TOP OF BOX ELEVATION <u>----</u>	






PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/7/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/7/09
 LOCATION 301 East 14th Street, San Leandro, CA TOTAL BORING DEPTH 24.0 ft
 DRILLING METHOD Hydraulic Push TOTAL WELL DEPTH 14.0 ft
 SAMPLING METHOD Hydraulic Push BORING / WELL DIAMETER 2 in. / 1/4-inch OD Teflon Tubing in.
 GROUND ELEVATION ---- DRILLED BY Vironoex
 TOP OF CASING ELEVATION ---- LOGGED BY Ross Tinline
 TOP OF BOX ELEVATION ----

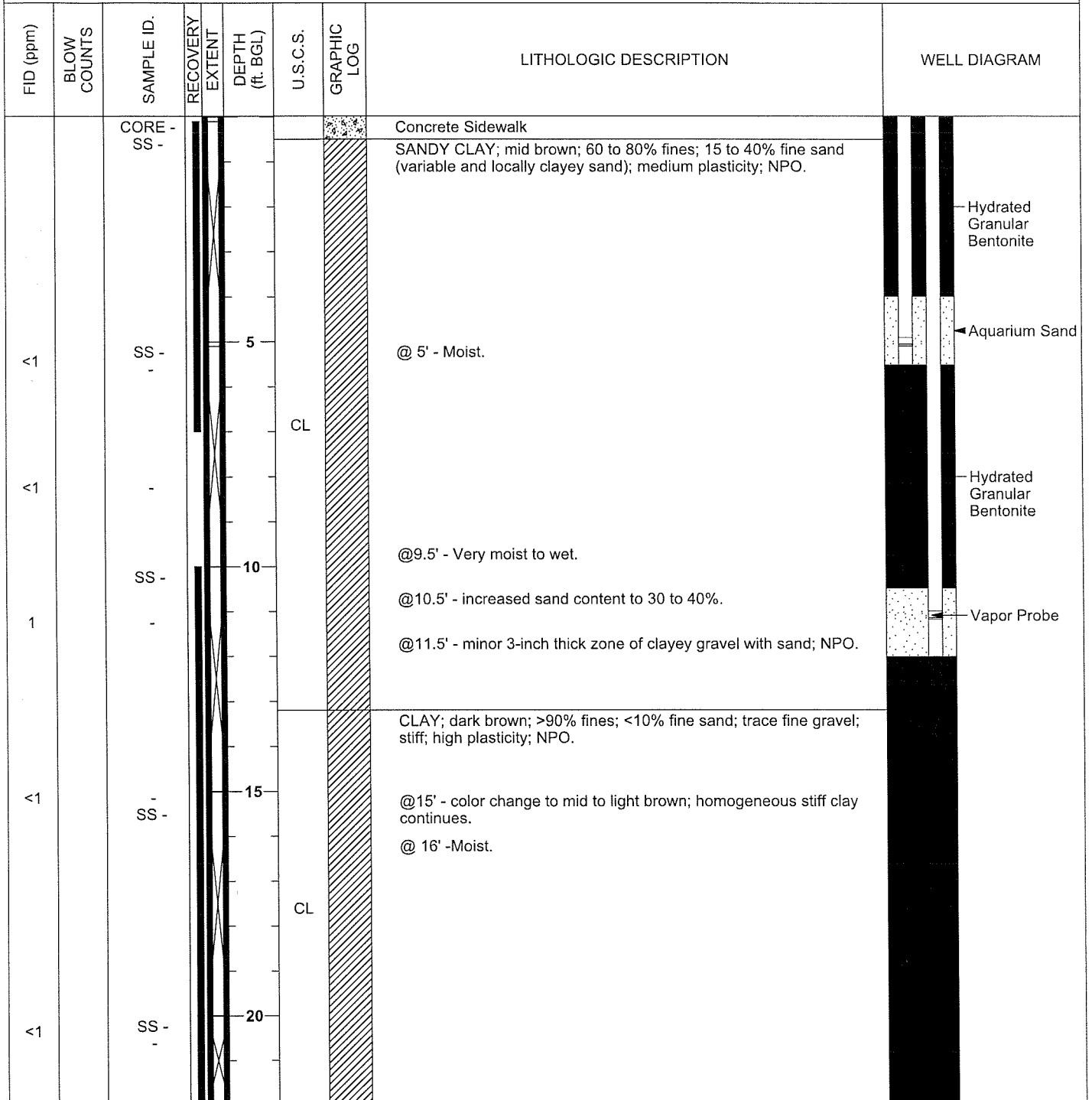
FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
		CORE - SS -					Concrete Sidewalk	
<1		-			CL		CLAY; olive grey; >90% fines; <10% fine sand; soft to medium stiff; medium plasticity; NPO. @ 3' - Moist.	Hydrated Granular Bentonite
		SS -		5			@ 5' to 10' - no recovery.	Aquarium Sand
1		SS -		10			CLAY; light brown; 90 to 95% fines; 5 to 10% fine sand; very stiff; high plasticity; NPO. @ 10' - Damp to moist.	Hydrated Granular Bentonite
2		-			CL		@ 13' - Minor angular and subrounded gravels within stiff clay matrix; slight increase in sand to 10 or 15%. @ 14' - light brown homogeneous, tight stiff, high plasticity clay continues as described above. @ 14.5' - Damp to moist.	Vapor Probe
1		SS -		20			@ 18.5' - Moist.	Hydrated Bentonite

PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/7/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/7/09

Continued from Previous Page

FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
2		-			CL		<p>CLAY; light brown; 90 to 95% fines; 5 to 10% fine sand; very stiff; high plasticity; NPO. <i>(continued)</i></p> <p>@23.5' - Moist.</p> <p>Note: Adjacent hydropunch boring advanced to 35 feet bgs and screen retracted 4 feet to obtain a grab groundwater sample then tremmie grouted. Bottom of borehole at 24.0 feet.</p>	

PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/7/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/7/09
 LOCATION 301 East 14th Street, San Leandro, CA TOTAL BORING DEPTH 35.0 ft
 DRILLING METHOD Hydraulic Push TOTAL WELL DEPTH 12.0 ft
 SAMPLING METHOD Hydraulic Push BORING / WELL DIAMETER 2 in. / 1/4-inch OD Teflon Tubing in.
 GROUND ELEVATION ---- DRILLED BY Vironoex
 TOP OF CASING ELEVATION ---- LOGGED BY Ross Tinline
 TOP OF BOX ELEVATION ----



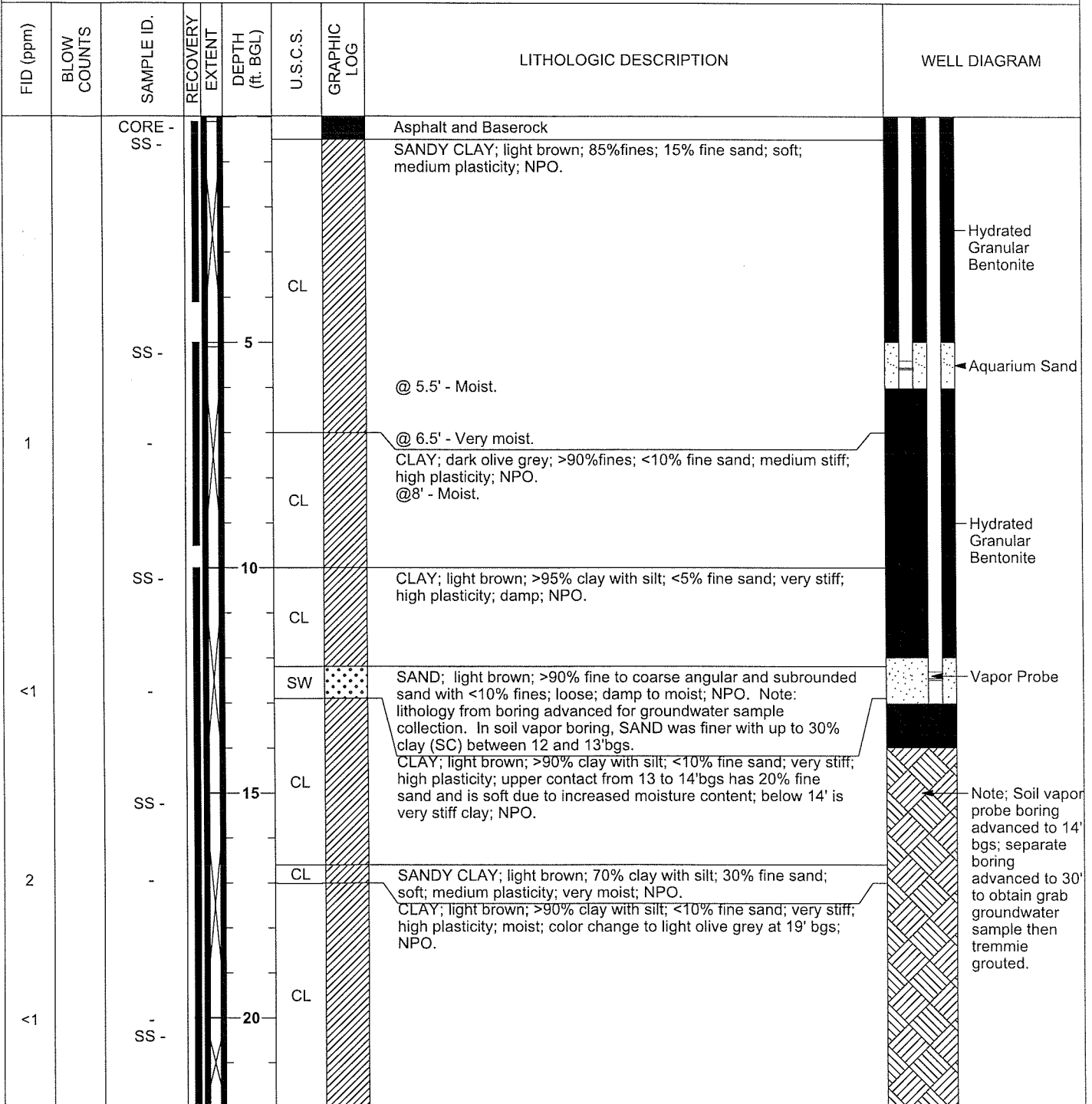
PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/7/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/7/09

Continued from Previous Page

FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
<1		- SS -		25	CL		CLAY; dark brown; >90% fines; <10% fine sand; trace fine gravel; stiff; high plasticity; NPO. (continued) @23.5' -Moist.	
8		- SS -	30	CL		SANDY CLAY; light brown; 85% fines; 15% very fine sand; medium plasticity; soft to medium stiff; color change to light grey; ∇ NPO. @ 29' - Very moist to wet; weak to moderate product odor. @30' - Very moist.		
					CL		CLAY; mid grey; >95% fines; <5% fine sand; very stiff; high plasticity; NPO.	
6		-		35	CL		SANDY CLAY; light brown;; 85% fines; 15% fine sand; soft to medium stiff; medium to high plasticity; NPO.	
<p>Note: adjacent hydropunch boring attempted but not completed due to utilities. Utilized tremmie to place hydrated bentonite from the bottom of the boring to 12 feet bgs prior to building the temporary soil vapor well. Bottom of borehole at 35.0 feet.</p>								

PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A
 PROJECT NAME German Autocraft
 LOCATION 301 East 14th Street, San Leandro, CA
 DRILLING METHOD Hydraulic Push
 SAMPLING METHOD Hydraulic Push
 GROUND ELEVATION ----
 TOP OF CASING ELEVATION ----
 TOP OF BOX ELEVATION ----

DATE STARTED 7/6/08 1/6/09
 DATE COMPLETED 1/6/08 1/6/09
 TOTAL BORING DEPTH 30.0 ft
 TOTAL WELL DEPTH 13.0 ft
 BORING / WELL DIAMETER 2 in. / 1/4-inch OD Teflon Tubing in.
 DRILLED BY Vironoex
 LOGGED BY Ross Tinline



PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED ~~4/6/08~~ 1/6/09
 PROJECT NAME German Autocraft DATE COMPLETED ~~1/6/08~~ 1/6/09

Continued from Previous Page

FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
4		SS -		25	CL		<p>CLAY; light brown; >90% clay with silt; <10% fine sand; very stiff; high plasticity; moist; color change to light olive grey at 19' bgs; NPO. (continued) @ 22' - Moist.</p> <p>@24' - very moist.</p> <p>@25' - 3-inch zone of increased sand to 25% within the high plastic clay; weak product odor. Olive grey clay continues with 10-15% fine sand within high plastic clay; medium stiff; weak product odor. Increasing sand content to lower contact.</p>	
1		-					@28' - Very moist.	
2		-		30	SC		<p>@29' - Very moist to wet.</p> <p>CLAYEY SAND; light olive grey; 70% fine to medium sand; 30% fines; low plasticity; wet; weak product odor.</p> <p>Bottom of borehole at 30.0 feet.</p>	

PROJECT NUMBER Groundwater Cleaners Inc. - GWC-01.1A DATE STARTED 1/8/09
 PROJECT NAME German Autocraft DATE COMPLETED 1/8/09
 LOCATION 301 East 14th Street, San Leandro, CA TOTAL BORING DEPTH 14.0 ft
 DRILLING METHOD Hydraulic Push TOTAL WELL DEPTH 14.0 ft
 SAMPLING METHOD Hydraulic Push BORING / WELL DIAMETER 2 in. / 1/4-inch OD Teflon Tubing in.
 GROUND ELEVATION ---- DRILLED BY Vironoex
 TOP OF CASING ELEVATION ---- LOGGED BY Ross Tinline
 TOP OF BOX ELEVATION ----

FID (ppm)	BLOW COUNTS	SAMPLE ID.	RECOVERY EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	WELL DIAGRAM
		CORE - SS -					Asphalt and baserock.	
					CL-ML		CLAY to SILTY CLAY; dark olive grey; >95% fines; <5% fine sand; medium plasticity; silty texture; increased silt content with depth grading to silty clay; no product odor (NPO). @ 3' - Moist.	Hydrated Granular Bentonite
<1		- SS -		5	CL		CLAY; dark olive grey to dark grey; >95% clay with silt; <5% fine sand; soft to medium stiff; high plasticity; NPO. @7.5' -Moist.	Aquarium Sand
<1		- SS -		10	CL		CLAY; light brown; >90% clay with silt; <10% fine sand; very stiff; high plasticity; minor fine rootlets; NPO. @11' - Damp.	Hydrated Granular Bentonite
<1		-			CL		GRAVELLY CLAY; light brown; <60% fines; >30% angular gravel to 3/4-inch diameter and 10% medium sand; medium plasticity; medium stiff; moist; NPO. CLAY with SAND; light brown; <85% clay with silt; >15% fine to medium sand; soft to medium stiff; medium plasticity; NPO.	Vapor Probe
							Note: Hydropunched adjacent to SV-8 to 35 feet and retracted screen 4' to 31 feet bgs to obtain grab groundwater sample. Tremmie grouted hydropunch boring after being left overnight for sufficient groundwater to enter for sampling. Bottom of borehole at 14.0 feet.	

EXPLORATORY BORING LOG/ WELL CONSTRUCTION DETAIL

Project Number: 121

Boring Number: MW-1

Project Name: WEST BROADMOOR BLVD.
SAN LEANDRO, CA

Page Number: 1 OF 1

By: ALLCAL PROPERTY SERVICES, INC. Date: 5/21/97

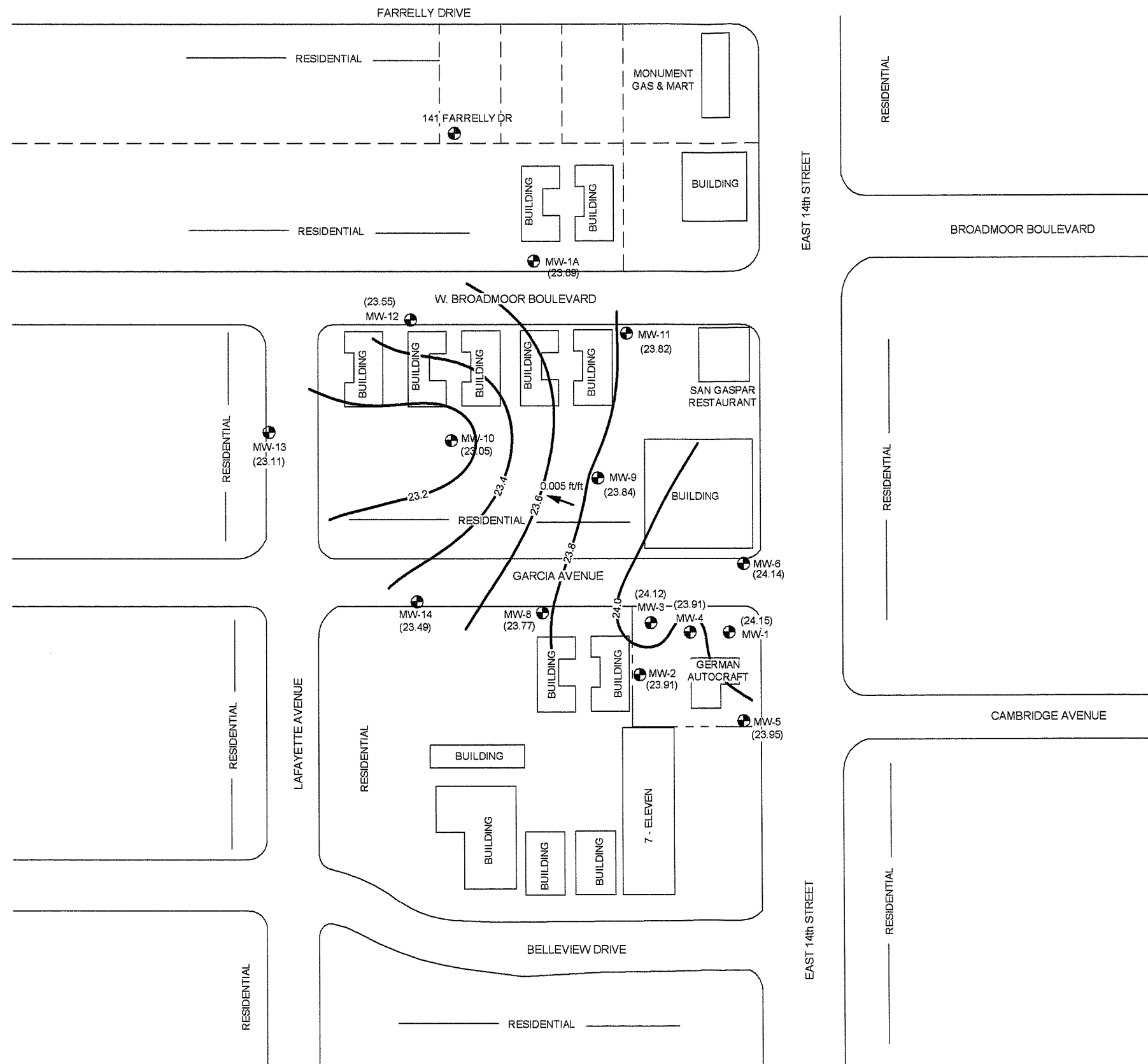
Surface Elevation: NA

RECOVERY (in/in.)	VAPORS (ppm)	PENETRATION (blows/ft.)	GROUND- WATER LEVEL	DEPTH (ft.)	SAMPLES	SOIL TYPE	DESCRIPTION	WELL DETAIL
							Concrete Sidewalk.	Vault Box
						CL	CLAY (CL): dark brown, very silty, damp, no odor.	Portland Cement
18/18		5/4/5		5		SP	SAND (SP): dark brown, medium-grained, scattered gravel up to .25-inch diameter, damp, no odor.	
18/18		6/16/23		10			CLAY (CL): dark red-brown, mottled orange-yellow, silty, scattered gravel up to .25-inch diameter, stiff, damp with moist areas, no odor. @ 15 ft., color is light brown for remainder of interval.	2-inch PVC Blank Casing With Locking Cap
18/18		6/14/26		15		CL		
18/18		7/13/16		20			@ 25 ft., saturated, no odor.	Bentonite
18/18		7/8/14		25				
18/18		14/20/25		30		SP	SAND (SP): brown to 31 ft., then blue-green, and brown again at 35 ft., medium to coarse-grained with gravel up to 1-inch diameter, saturated, strong gasoline odor where blue-green, slight odor where brown.	2/12 Sand Pack
18/18		24/26/29		35			Boring drilled with 8-inch, O. D., hollow-stem augers to 35 feet. Samples collected in 2-inch, split-spoon sampler to 36.5 ft.	.010-Slotted PVC Screen With End Cap

APPENDIX C

HISTORICAL GROUNDWATER ELEVATION CONTOURS

(one figure per year 1995 through 2008;
1st, 2nd, & 4th quarter 2009; 1st & 3rd quarter 2010)



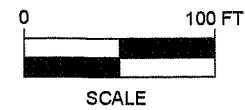
LEGEND:

- MW-1 MONITORING WELL LOCATION
- (24.15) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL.
- 26.6 — WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL, DASHED WHERE INFERRED
- ➔ INFERRED DIRECTION OF GROUNDWATER FLOW AND GRADIENT

ALL WELLS MEASURED ON 9/13/10

REV October 4, 2010 German Auto Quantity JMP

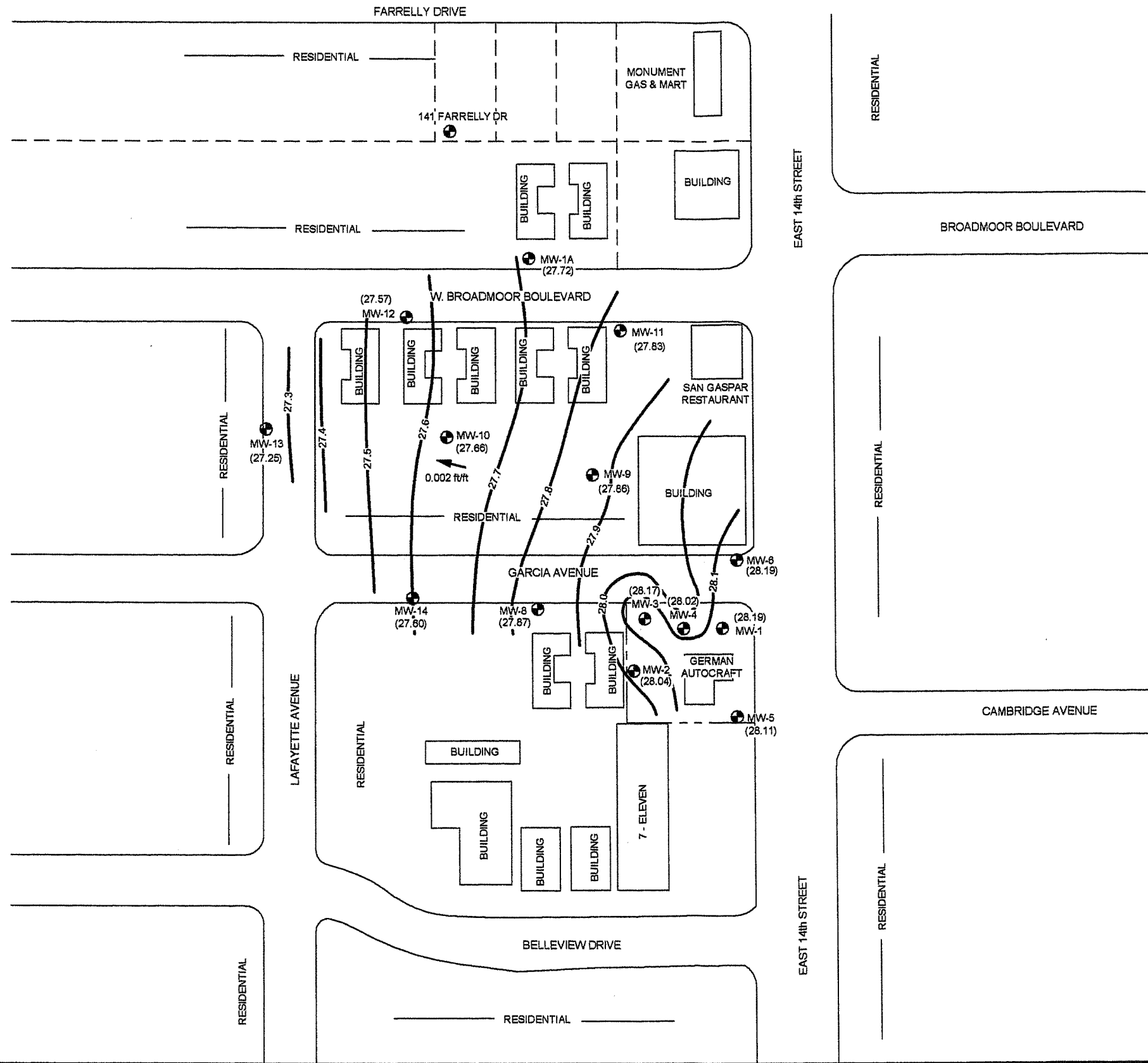
STRATUS
ENVIRONMENTAL, INC.



GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
3rd QUARTER 2010

FIGURE
2
PROJECT NO.
2076-0301-01

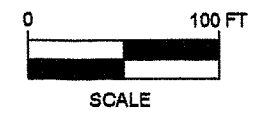


LEGEND:

- MW-1 MONITORING WELL LOCATION
- (28.19) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 27.9 — WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL, DASHED WHERE INFERRED
- INFERRED DIRECTION OF GROUNDWATER FLOW AND GRADIENT

ALL WELLS MEASURED ON 3/15/10

STRATUS
ENVIRONMENTAL, INC.

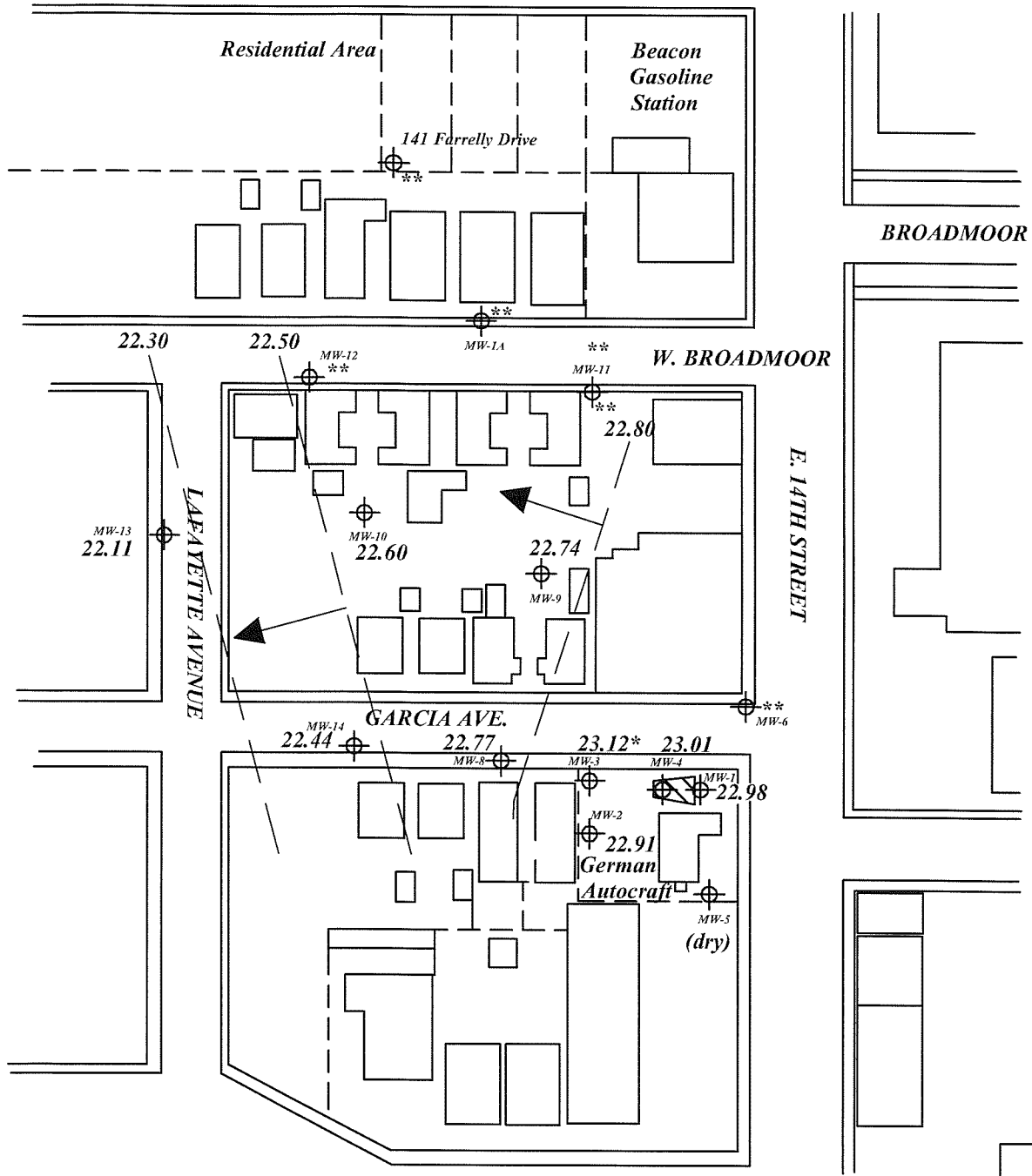


GERMAN AUTOCRAFT
301 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

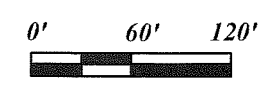
GROUNDWATER ELEVATION CONTOUR MAP
1st QUARTER 2010

FIGURE
2
PROJECT NO.
2076-0301-01

FARRELLY DRIVE



Notes:
 ** NO DATA THIS QUARTER.
 * ABNORMALLY HIGH COMPARED TO OTHER ELEVATIONS ; EXCLUDED IN CONTOURING.



Approx. Scale: 1"=120'

- STREETS/BUILDINGS
- ⊕ GROUNDWATER MONITORING WELL
- ▨ FORMER TANK PIT AREAS
- BUILDINGS



Groundwater  Cleaners Inc.
 Cleaning California from the Groundwater Up
 347 Frederick Street, San Francisco, California, 94117
 (415) 665-6181

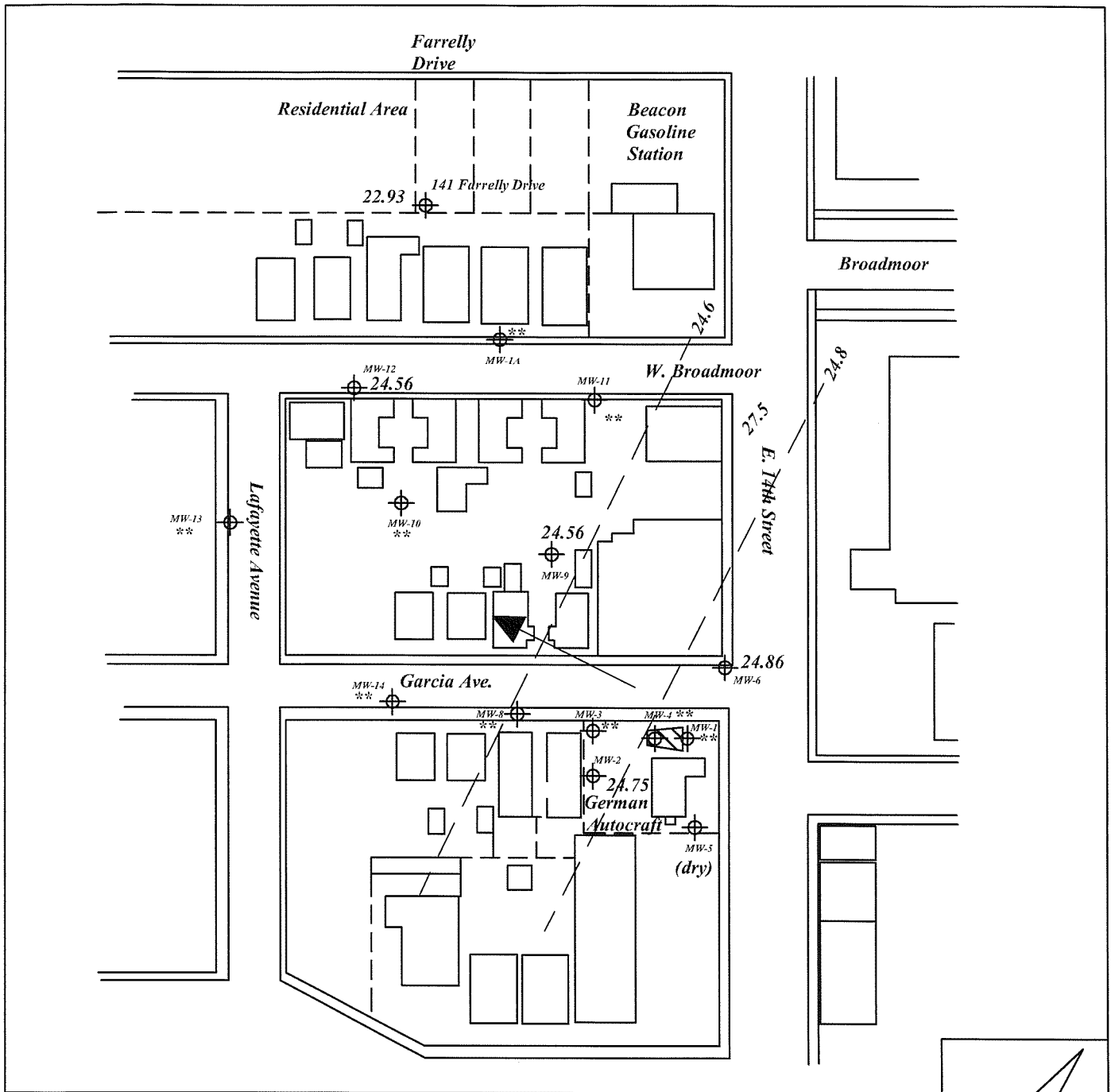
German Autocraft
 301 East 14th Street
 San Leandro, California

GROUNDWATER ELEVATIONS AND CONTOURS

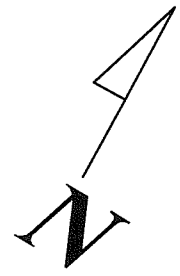
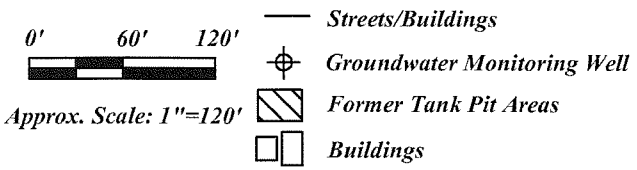
Figure 3


Rev. A

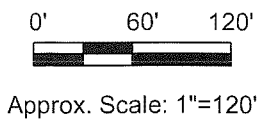
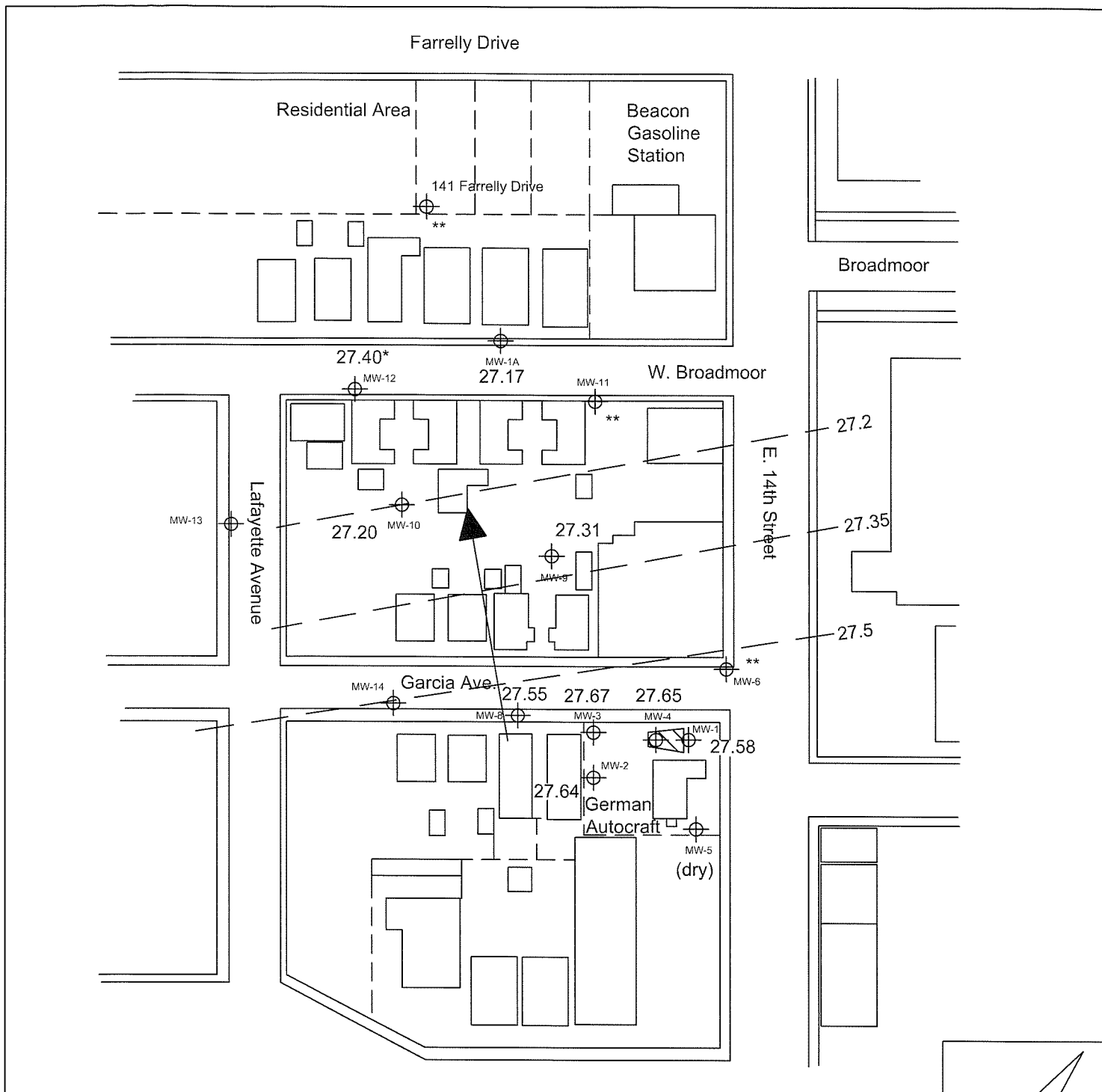
12.08.09



Notes:
 ** No data this quarter.

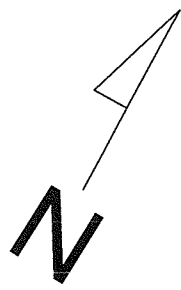



Groundwater Cleaners Inc.  <i>Cleaning California from the Groundwater Up</i> <small>347 Frederick Street, San Francisco, California, 94117 (415) 665-6181</small>	German Autocraft 301 East 14th Street San Leandro, California	Figure 3
	Groundwater Elevations and Contours	Rev. A 06.03.09

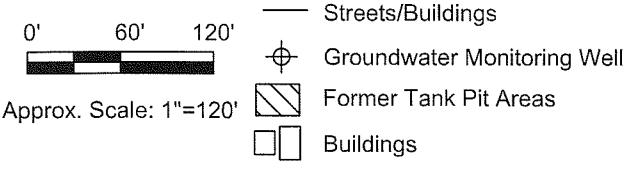
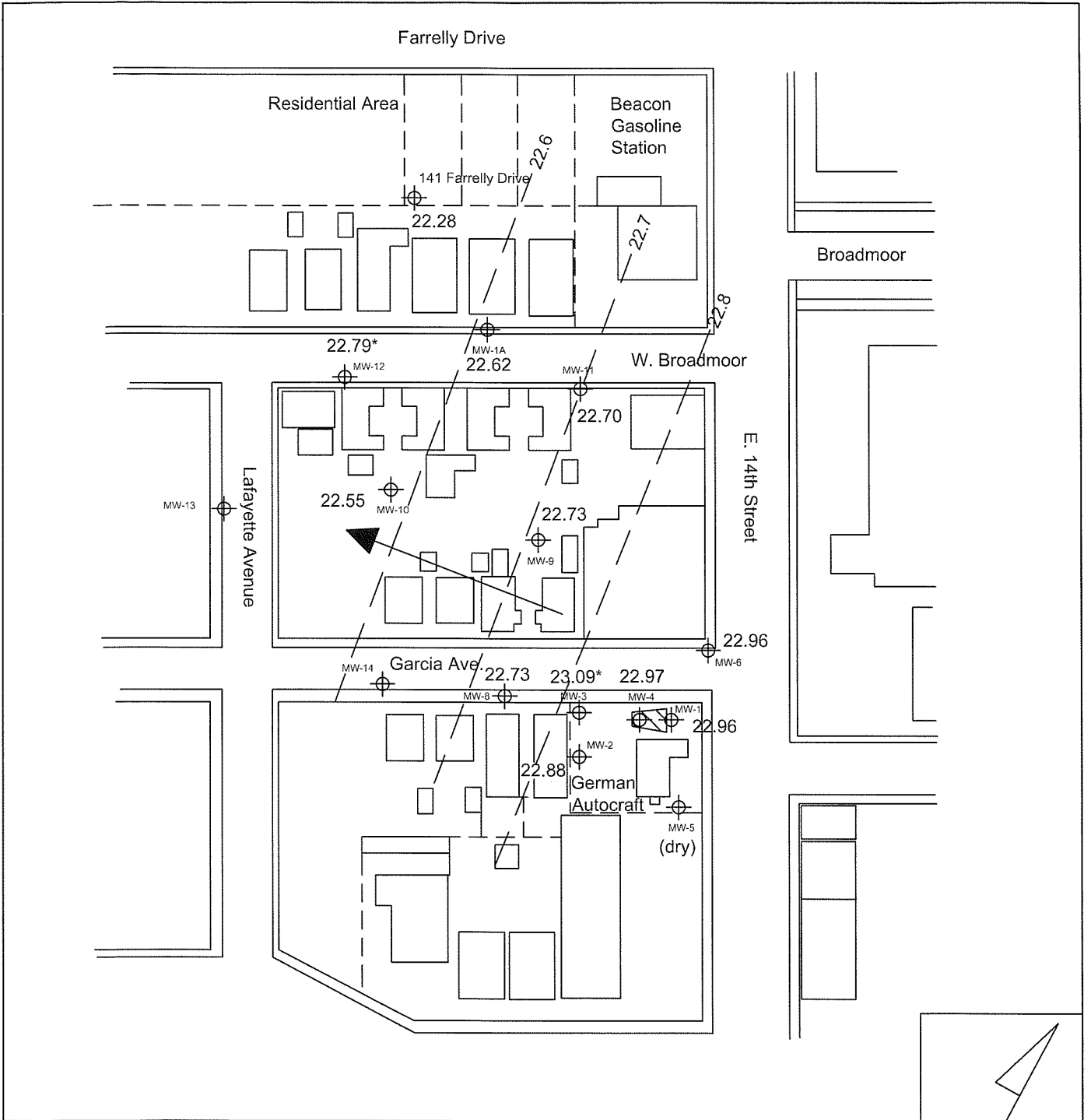


- Streets/Buildings
- ⊕ Groundwater Monitoring Well
- ▨ Former Tank Pit Areas
- Buildings

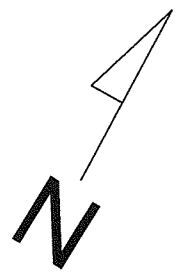
Notes:
 Wells with no elevations have not yet been found to have surveyed casings from GWC research.
 * Anomolous elevation not used in contouring.
 ** No data this quarter.




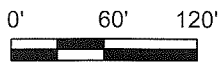
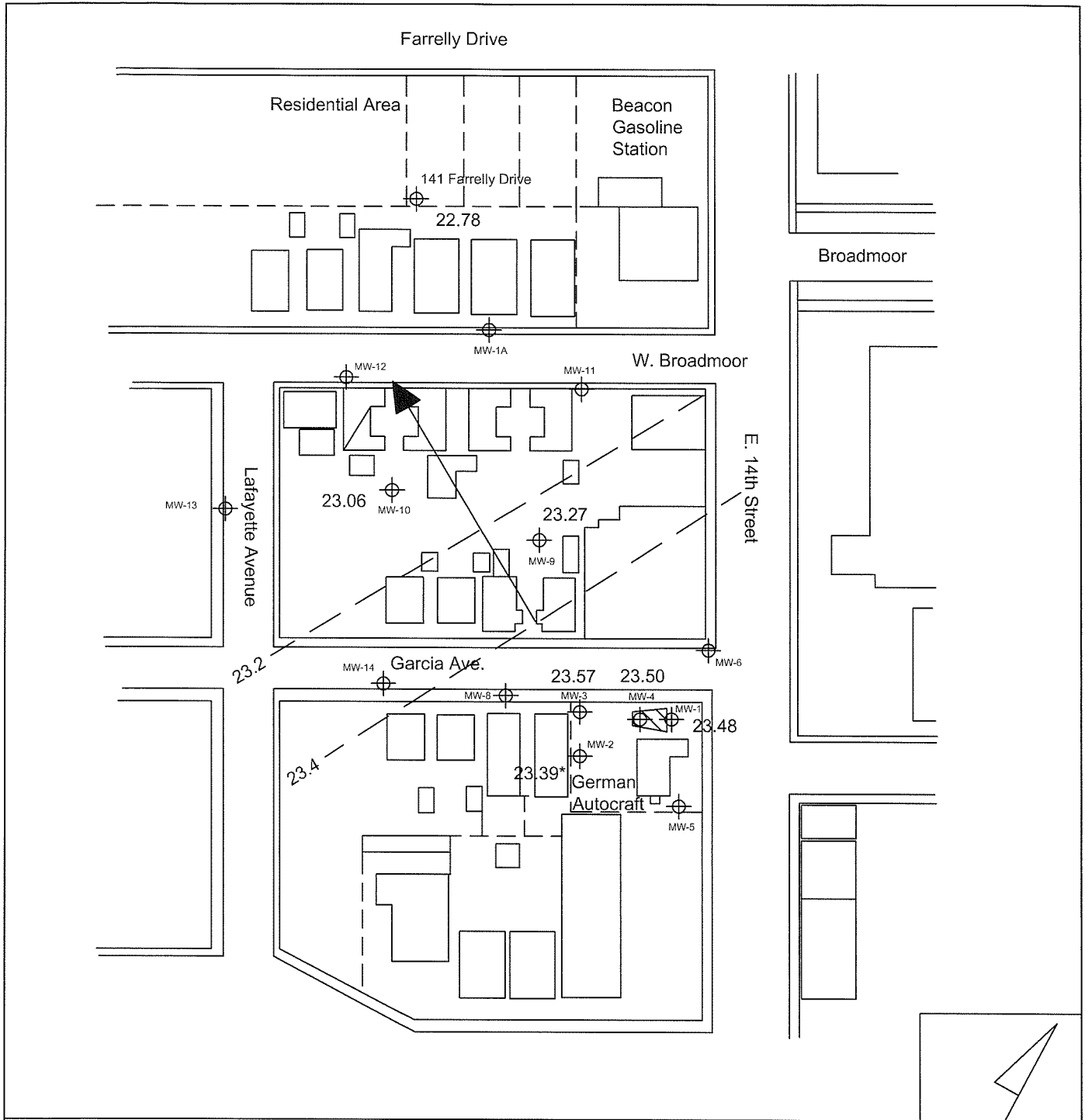
Groundwater  Cleaners Inc. <i>Cleaning California from the Groundwater Up</i> 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 3
	Groundwater Elevations and Contours	Rev. A 03.14.09



Notes:
 Wells with no elevations have not yet been found to have surveyed casings from GWC research.
 * Anomalous elevation not used in contouring.



Groundwater  Cleaners Inc. <i>Cleaning California from the Groundwater Up</i> 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 3
	Groundwater Elevations and Contours	Rev. A 09.05.08



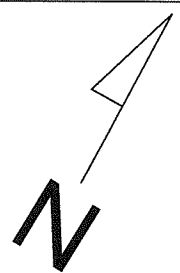
Scale: 1"=120'


- Streets/Buildings
- ⊕ Groundwater Monitoring Well
- ▨ Former Tank Pit Areas
- Buildings

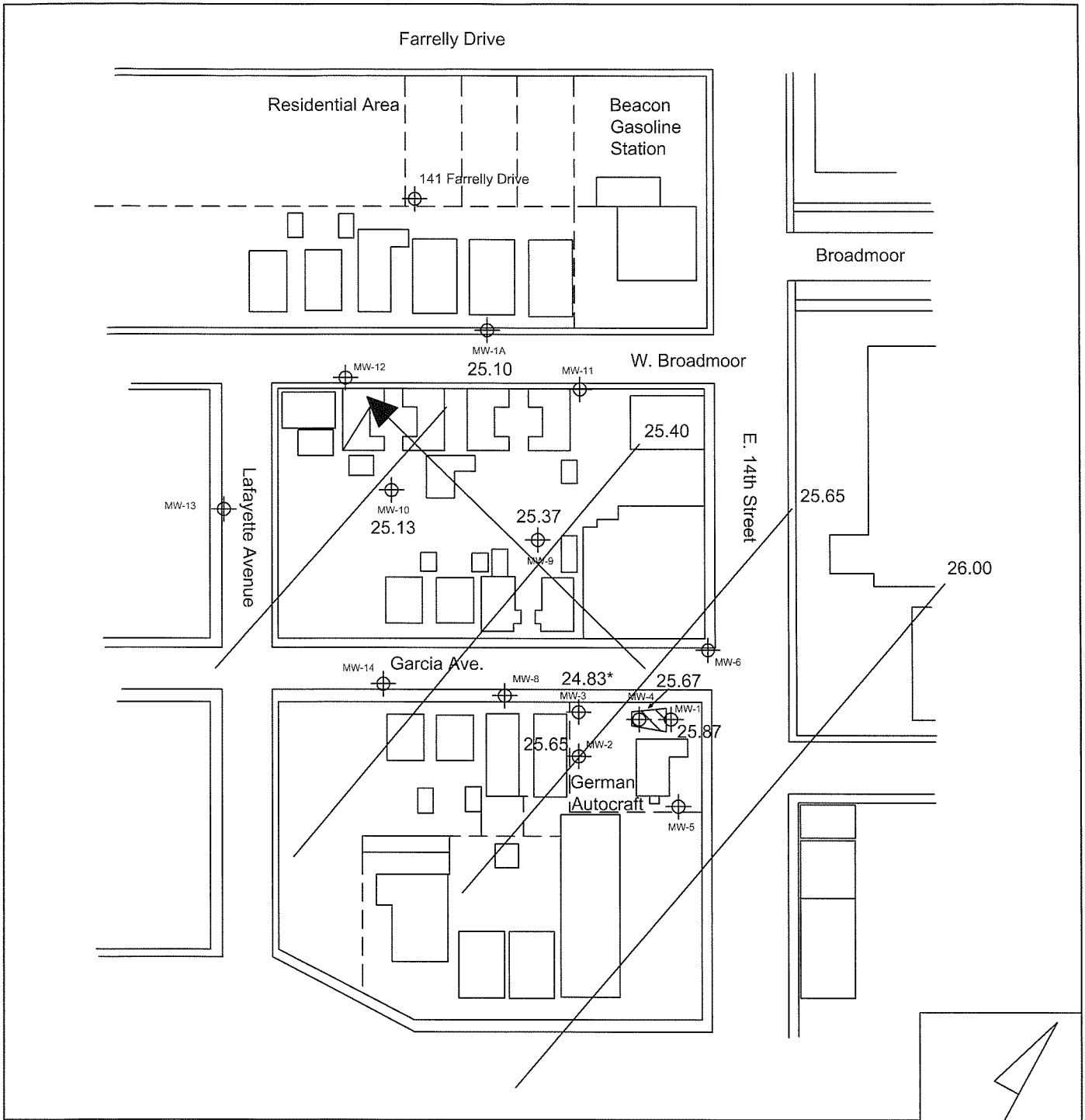
Notes:

* Abnormally low based on other well measurements.

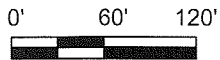
Wells with no elevations have not been surveyed.



Groundwater  Cleaners Inc. <i>Cleaning California from the Groundwater Up</i> 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 3
	Groundwater Elevations	Rev. A
		09.14.07



EXPLANATION: 25.87 Elevation of Groundwater above mean sea level

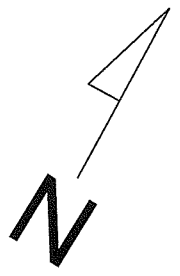



Scale: 1"=120'

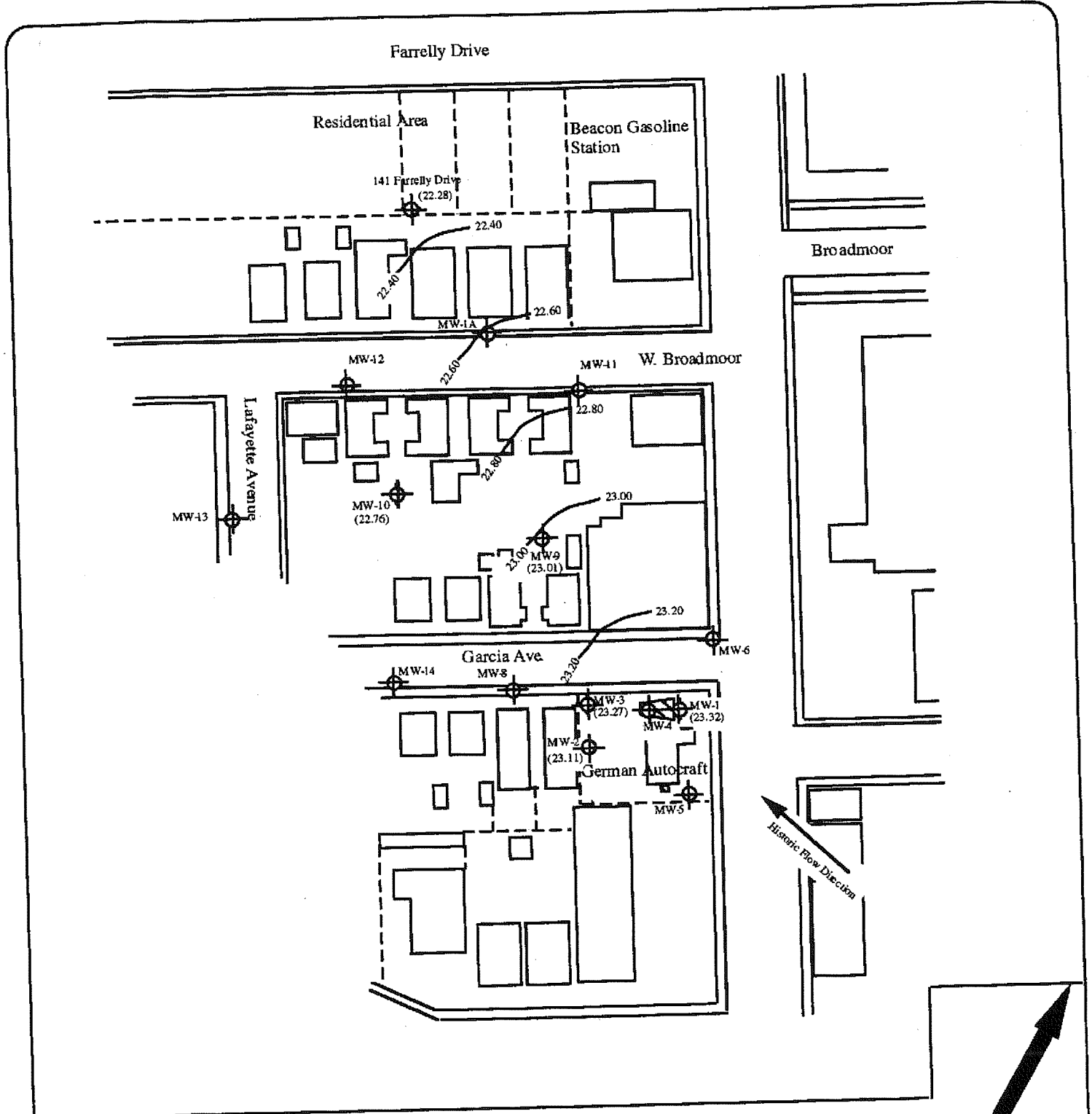
- Streets/Buildings
- ⊕ Groundwater Monitoring Well
- ▨ Former Tank Pit Areas
- Buildings

← Direction of Groundwater flow

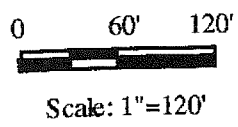
* Not used in contouring, anomalous to other data.



Groundwater  Cleaners Inc. <i>Cleaning California from the Groundwater Up</i> 347 Frederick Street, San Francisco, California, 94117 (415) 665-6181	German Autocraft 301 East 14th Street San Leandro, California	Figure 3
	Groundwater Elevation (ft)	
	Rev. B	
		09.30.06



EXPLANATION:



- Streets/Buildings
- ⊕ Groundwater Monitoring Well
- ▨ Former Tank Pit Areas
- Buildings

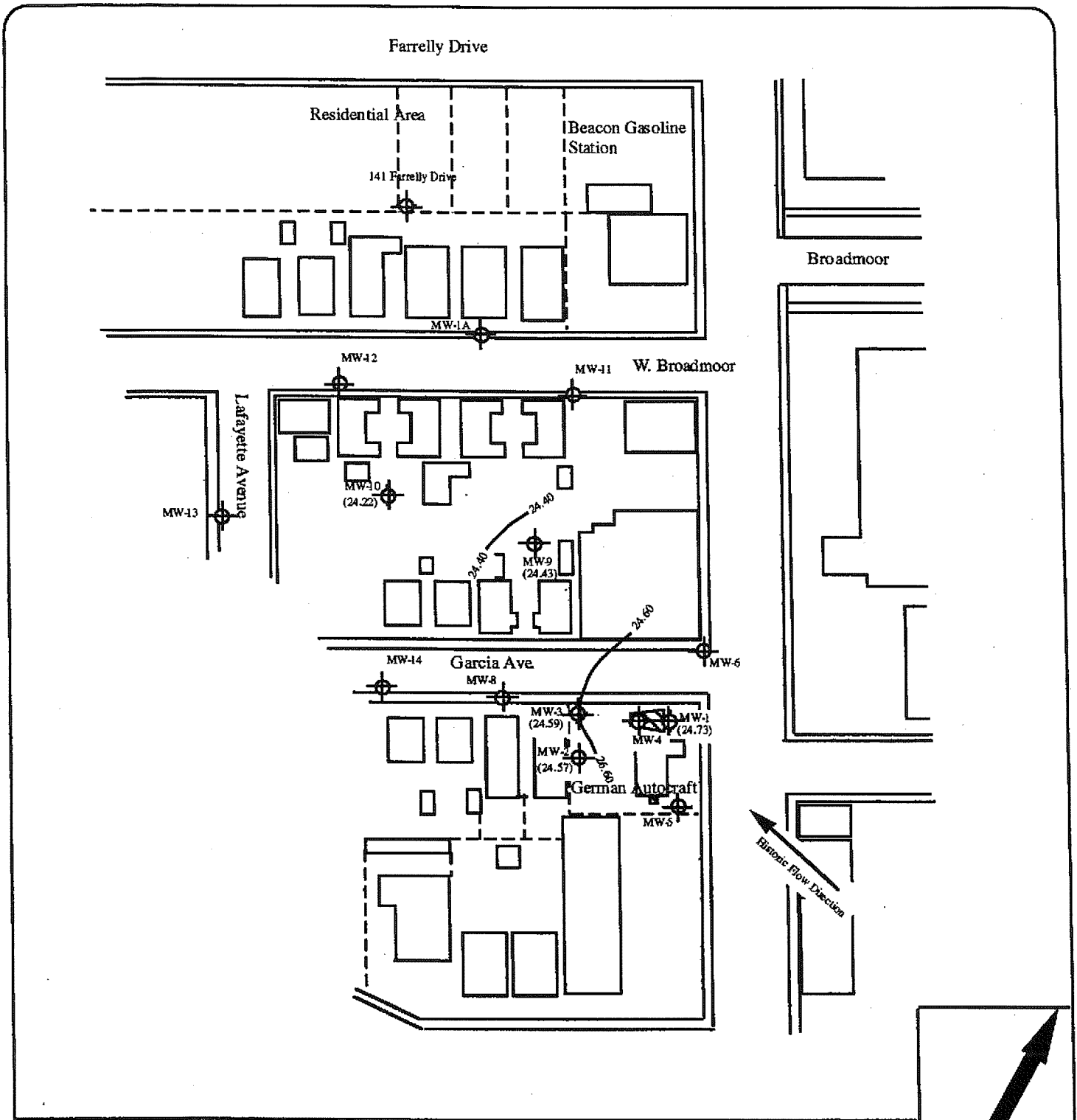
(23.27) Elevation (Feet Above Mean Sea Level)
 23.00 Iso-Elevation Contours (Feet MSL)



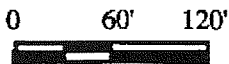
ENVIRONMENTAL TESTING
 1792 ROGERS AVENUE
 SAN JOSE, CA 95112

Groundwater Potentiometric Elevation Map (9/20/05)
German Autocraft
 301 East 14th Street
 San Leandro, California

Figure 3b
 Date: 10/05



EXPLANATION:



Scale: 1"=120'

— Streets/Buildings

⊕ Groundwater Monitoring Well

▨ Former Tank Pit Areas

□ Buildings

(24.73) Elevation (Feet Above Mean Sea Level)

— 24.60 Elevation Contour Line



ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CA 95112

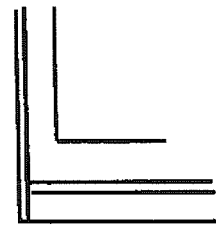
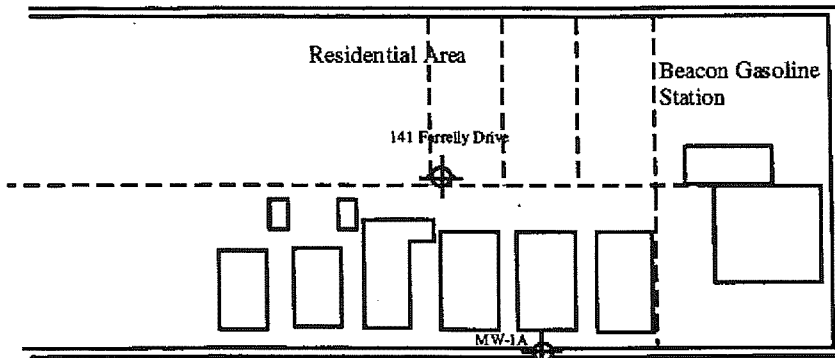
Groundwater Potentiometric Elevation Map (6/30/04)

German Autocraft
301 East 14th Street
San Leandro, California

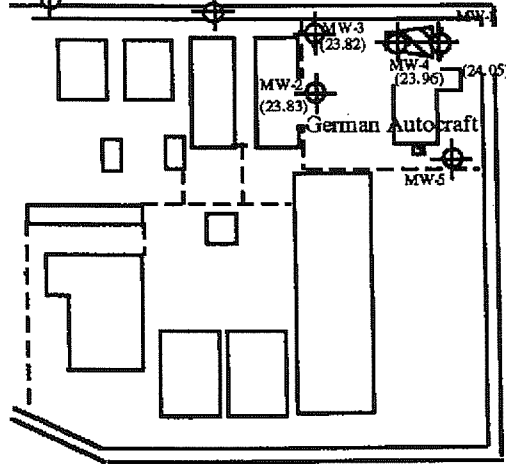
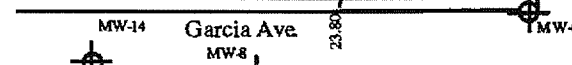
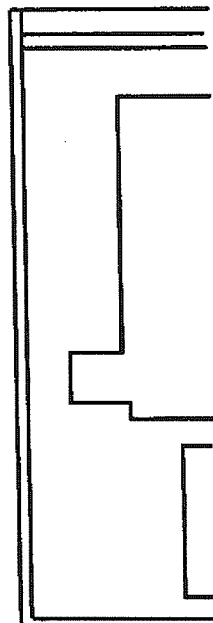
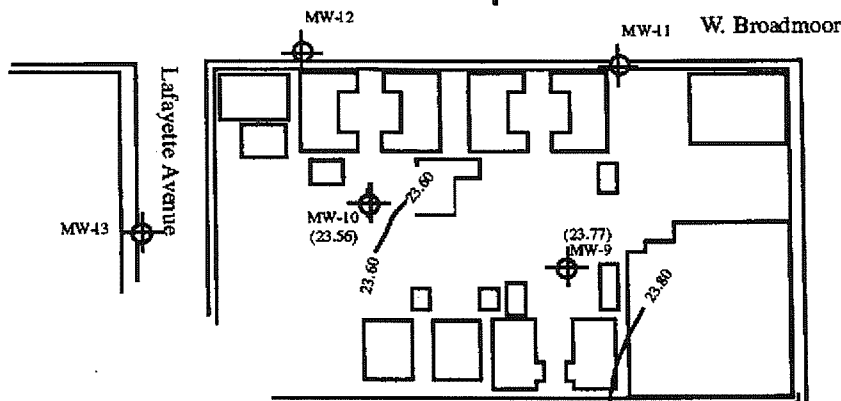
Figure 3

Date: 7/04

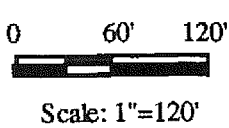
Farrelly Drive



Broadmoor



EXPLANATION:



— Streets/Buildings



Groundwater Monitoring Well

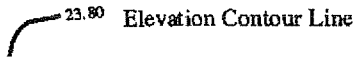


Former Tank Pit Areas



Buildings

(26.23) Elevation (Feet Above Mean Sea Level)



23.80 Elevation Contour Line

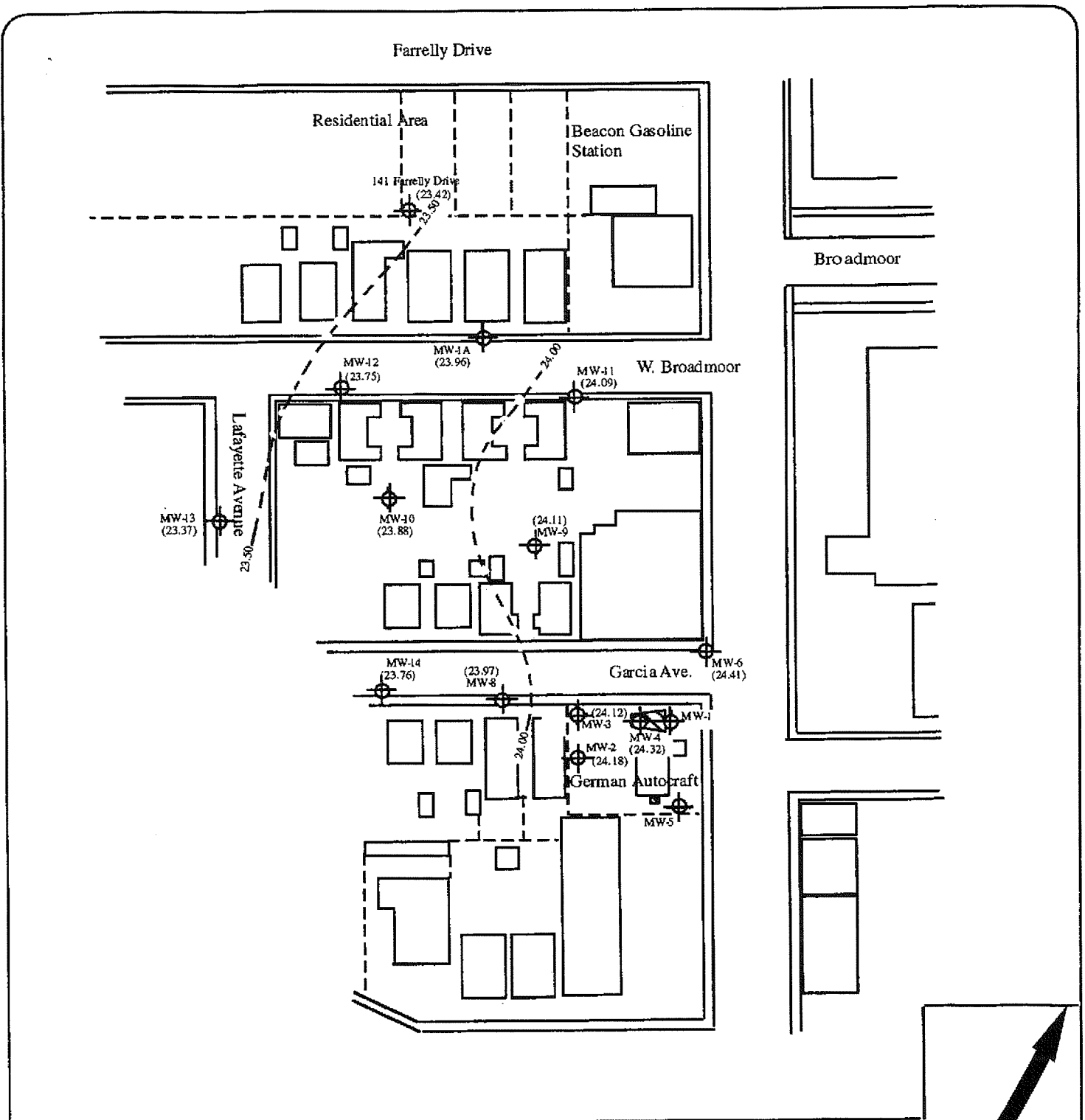


ENVIRONMENTAL TESTING
 1792 ROGERS AVENUE
 SAN JOSE, CA 95112

Groundwater Potentiometric Elevation Map (9/30/03)
 German Autocraft
 301 East 14th Street
 San Leandro, California

Figure 3a

Date: 6/04



EXPLANATION:



Scale: 1"=120'

— Streets/Buildings

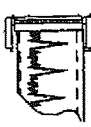
⊕ Groundwater Monitoring Well

▨ Former Tank Pit Areas

□ Buildings

(24.09) Elevation (Feet Above Mean Sea Level)

- - - 23.50 Elevation Contour Line



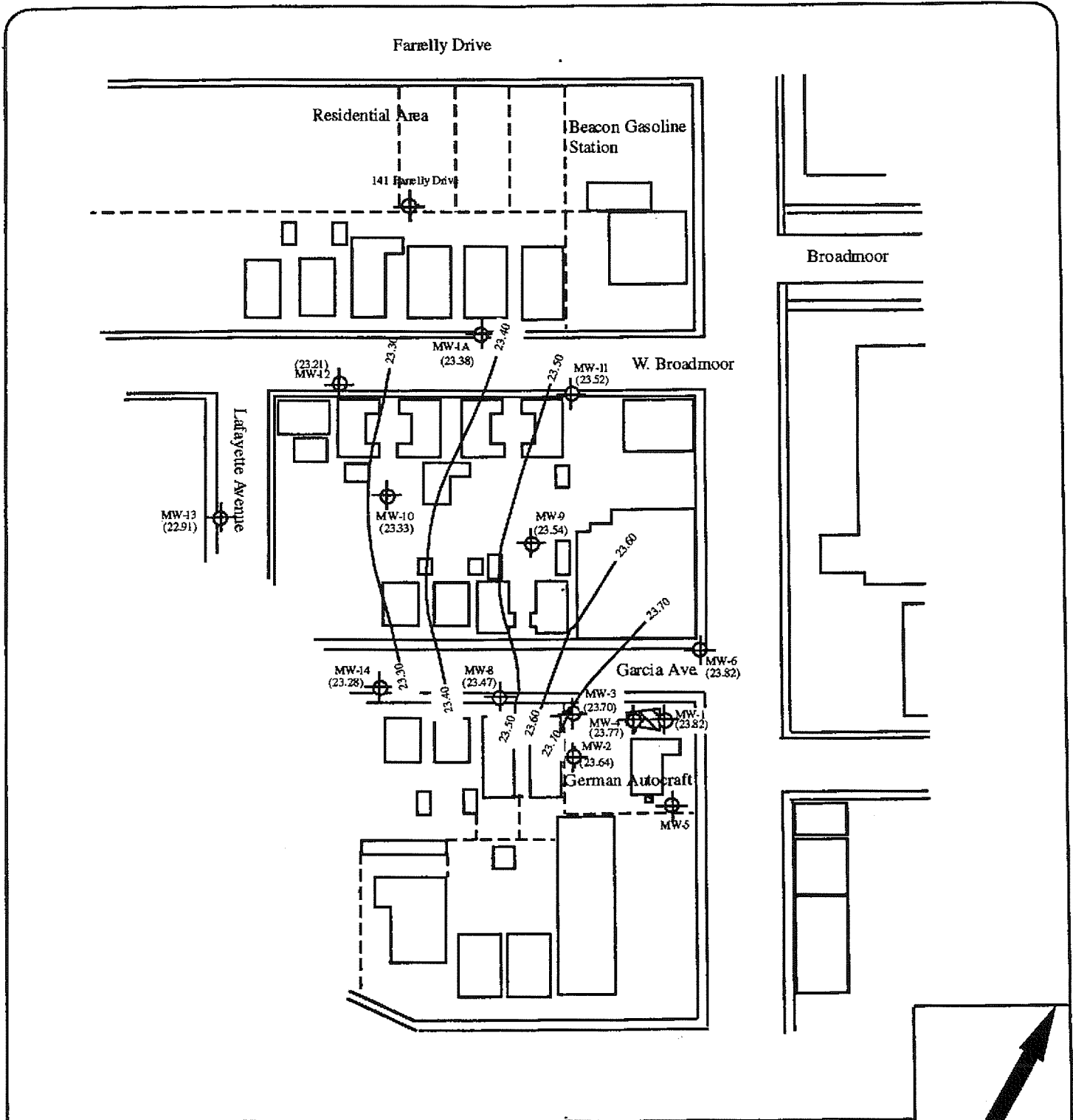
ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CA 95112

Groundwater Potentiometric Elevation Map (9/30/02)

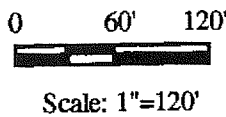
German Autocraft
301 East 14th Street
San Leandro, California

Figure 3

Date: 10/02



EXPLANATION:



- Streets/Buildings
- Groundwater Monitoring Well
- Former Tank Pit Areas
- Buildings

23.20 Potentiometric Groundwater Elevation
Feet Above Mean Sea Level

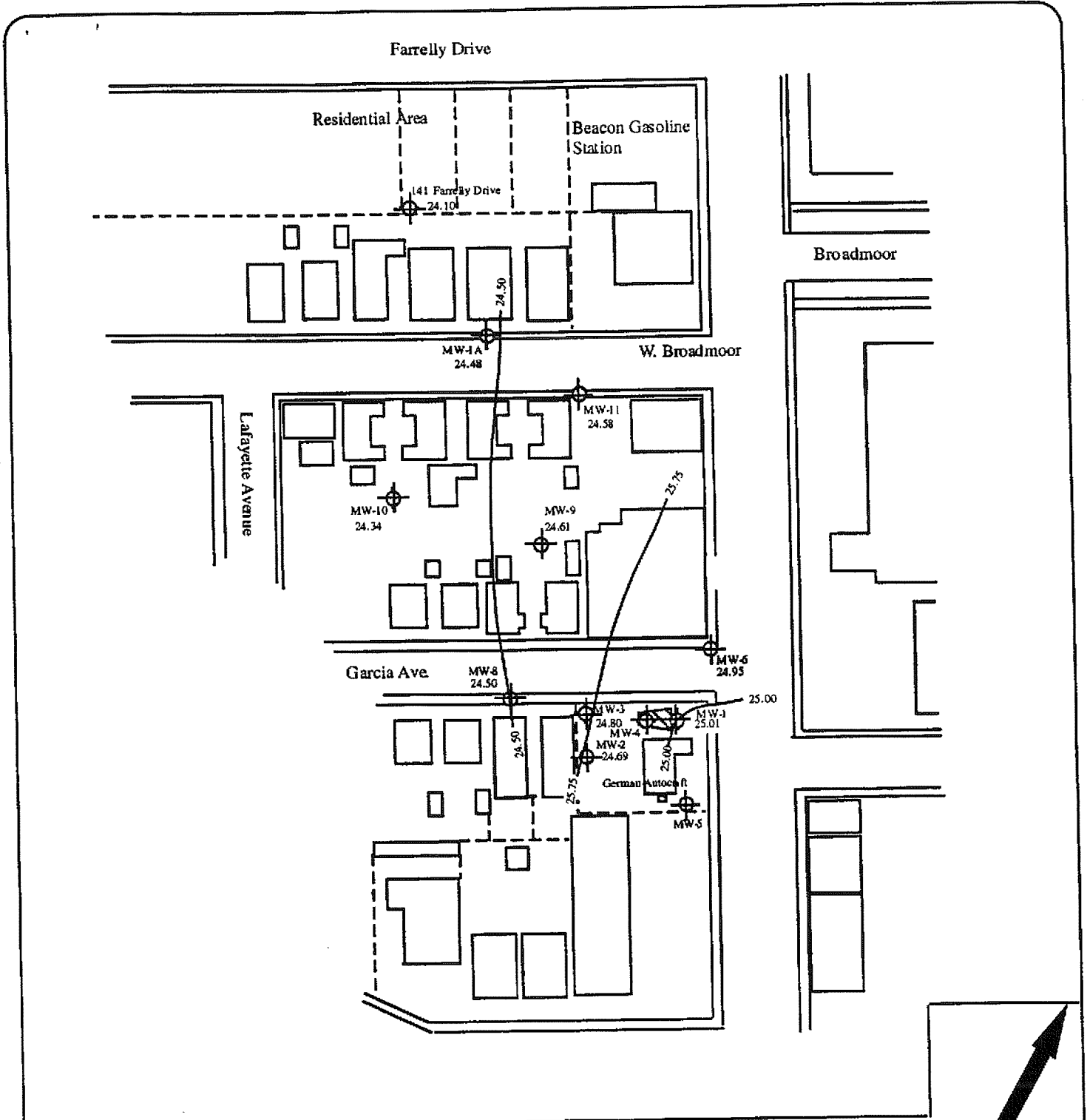
Note: The elevation contour sequence of elevation intervals may be irregular.



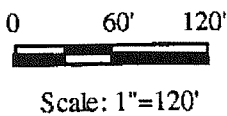
ENVIRONMENTAL TESTING
1792 ROGERS AVENUE
SAN JOSE, CA 95112

Groundwater Potentiometric Elevation Map (10/5/01)
German Autocraft
301 East 14th Street
San Leandro, California

Figure 3
Date: 11/01



EXPLANATION:



- Streets/Buildings
- ⊕ Groundwater Monitoring Well
- ▨ Former Tank Pit Areas
- Buildings
- 25.00 Groundwater Potentiometric Elevation (MSL)



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 SAN JOSE, CALIFORNIA 95112
 (408) 453-1800

**GROUNDWATER POTENTIOMETRIC SURFACE
 ELEVATION ISOCONTOUR MAP (9/26/00)**
 German Autocraft
 301 East 14th Street
 San Leandro, California

Figure 3
 Date: 10/00

Farrelly Drive

Residential Area

Beacon Gasoline Station

141 Farrelly Drive

Broadmoor

MW-1A
23.89

MW-11
24.03

W. Broadmoor

Lafayette Avenue

MW-10
23.80

MW-9
24.05

Garcia Ave

MW-8
23.93

MW-6
24.38

MW-3
24.20

MW-4
24.27

MW-1
24.39

MW-2
24.12

MW-7
24.30

MW-5
24.26

German Autocraft

EXPLANATION:



Scale: 1"=120'

Streets/Buildings

Groundwater Monitoring Well

Former Tank Pit Areas

Buildings

24.20 Groundwater Potentiometric Elevation (MSL)



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GROUNDWATER POTENTIOMETRIC SURFACE
ELEVATION ISOCONTOUR MAP (9/29/99)
German Autocraft
301 East 14th Street
San Leandro, California

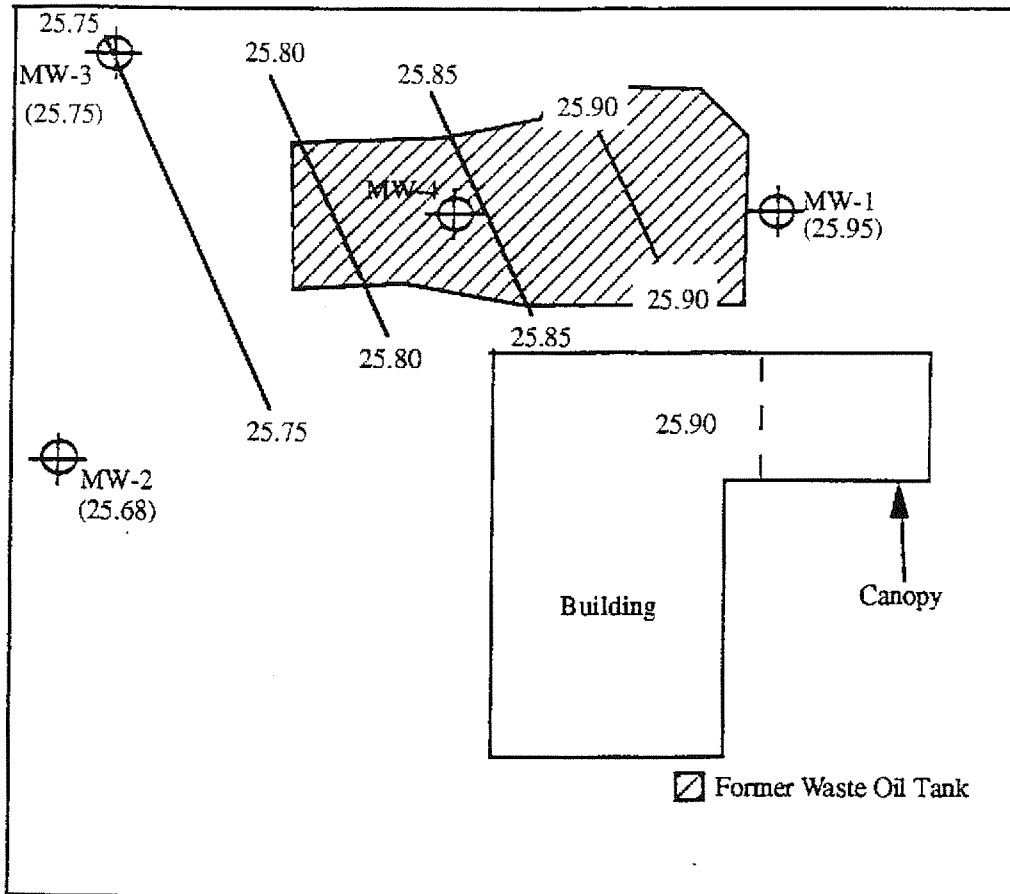
Figure 3a

Date: 2/00

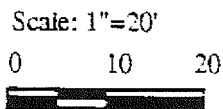
Garcia Avenue

Sidewalk

14th Street



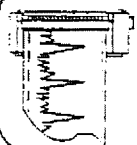
EXPLANATION:



MW-1 Monitoring Well

Former Tank Pit/Removed Asphalt Areas

25.75 Groundwater Elevation Contour Line (Feet above Mean Sea Level)



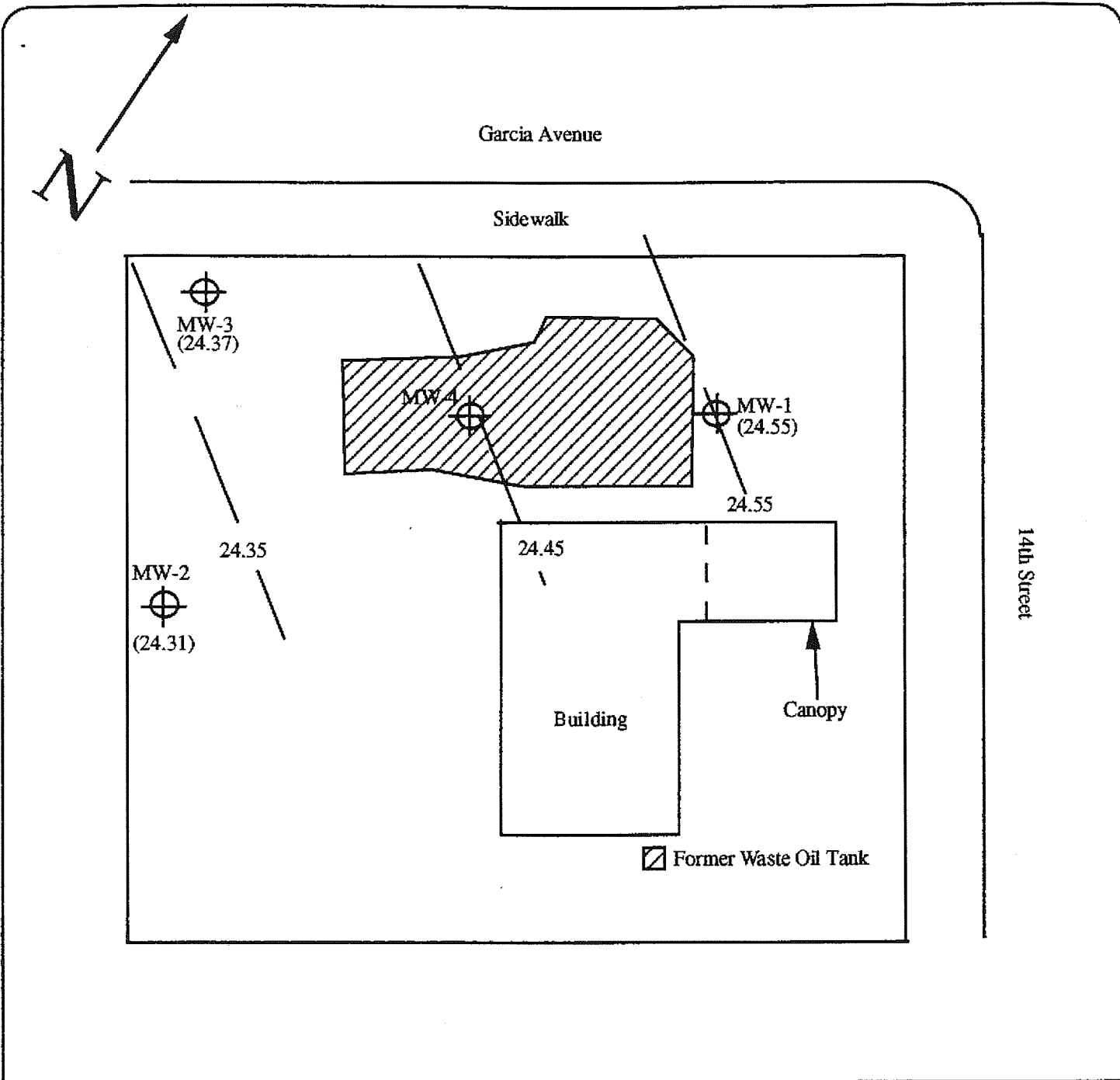
ENVIRONMENTAL TESTING & MGMT.
111 N. MARKET ST. SUITE 600
SAN JOSE, CALIFORNIA 95113

GROUNDWATER POTENTIOMETRIC SURFACE
ELEVATION CONTOUR MAP 9/30/98

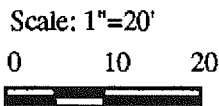
German Autcraft
301 East 14th Street
San Leandro, California

Figure 4

Date: 11/98



EXPLANATION:



MW-1 Monitoring Well

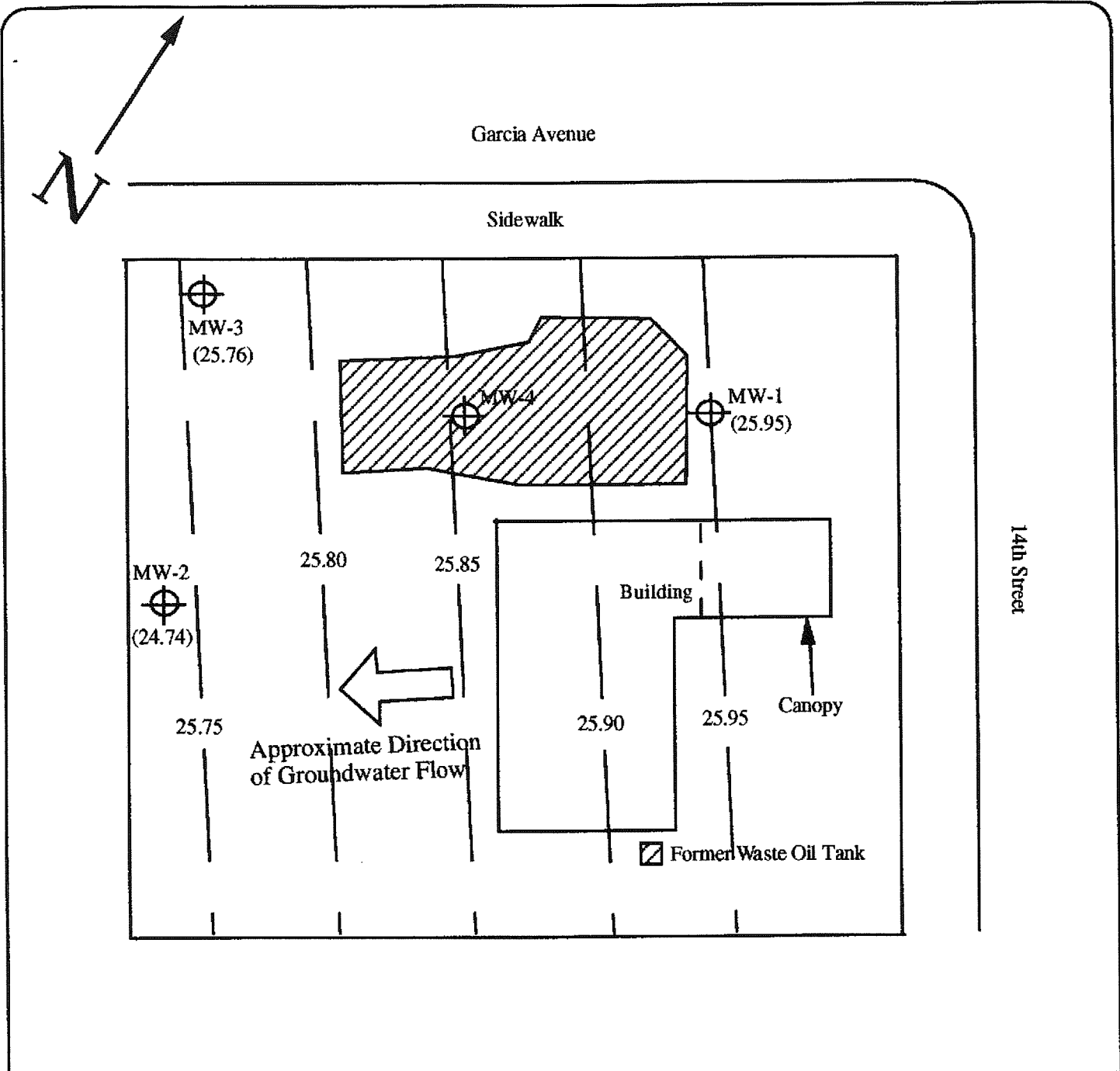
Former Tank Pit/Removed Asphalt Areas

24.55 Groundwater Elevation Contour Line (Feet above Mean Sea Level)

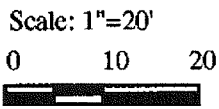
ENVIRONMENTAL TESTING & MGMT.
111 N. MARKET ST. SUITE 600
SAN JOSE, CALIFORNIA 95113

GROUNDWATER POTENTIOMETRIC SURFACE
ELEVATION CONTOUR MAP 7/17/97
German Autocraft
301 East 14th Street
San Leandro, California

Figure 3
Date: 8/97



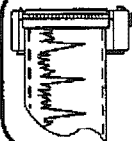
EXPLANATION:



MW-1 Monitoring Well

Former Tank Pit/Removed Asphalt Areas

25.95 Groundwater Elevation Contour Line (Feet above Mean Sea Level)



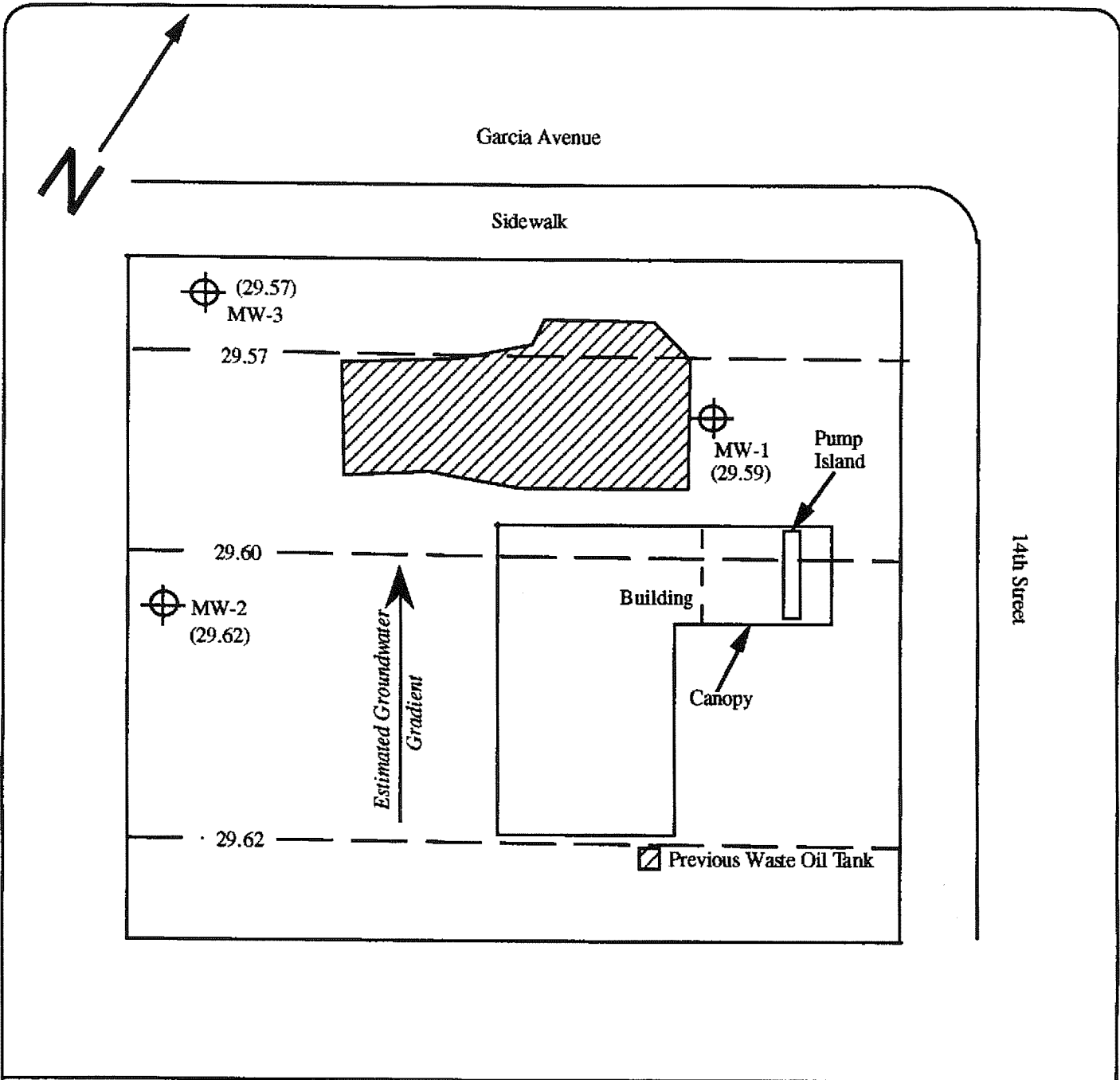
ENVIRONMENTAL TESTING & MGMT.
 2916 MAGLIOCCO DRIVE #2
 SAN JOSE, CALIFORNIA 95128
 408.248.5892

GROUNDWATER ELEVATION CONTOUR MAP 7/26/96

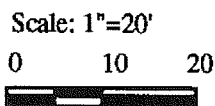
German Autocraft
 301 East 14th Street
 San Leandro, California

Figure 3a

Project No.
 94-52
 Date: 10/96



EXPLANATION:



⊕ Monitoring Well

▨ Former Tank Pit/Removed Asphalt Areas

— 29.60 — Groundwater Elevation Contour Line

ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCO DRIVE #2
SAN JOSE, CALIFORNIA 95128
408.248.5492

GROUNDWATER ELEVATION CONTOUR MAP 2/10/95
German Autocraft
301 East 14th Street
San Leandro, California

Figure 3a
Project No.
94-52
Date: 8/95