

# JOSLIN GEOTECHNICAL

CIVIL, SOIL, GEOLOGICAL & MINING  
ENGINEERING CONSULTANTS  
MATERIALS TESTING SERVICES

924 Stockton Street ■ P. O. Box 193 ■ Dutch Flat, California 95714 ■ 530-389-2581 ■ Fax 530-389-8833

September 6, 1999  
Project 220

Alameda County Health Care Services (510) 567-6700 fax 337-9335  
Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California  
94502-6700

Attn: Mr. Barney Chan, Hazardous Materials Specialist

RE: Preliminary Work Plan for Subsurface Investigation at Snow  
Cleaners, 2678 Coolidge Avenue, Oakland, California, 94601

Dear Mr. Chan:

This letter is in response to your letter to Mr. Snow dated July 23, 1999.

We apologize for delay in implementing the activities discussed on March 22, 1999 in our meeting with you. We have had clients with tank still in the ground, and our priorities have been to address those areas first. Removal of those tanks was imperative to moving forward with those sites as compared to Snow Cleaners, where the conditions appear both long-existing and relatively stable. Regarding Mr. Snow's project, we have located two drillers with Geoprobe systems, and are seeking a third for a bid. If you know of any besides Kvilhaug Drilling and Gregg Drilling, please fax their address and phone number to us. At this time, we have begun to fully address Mr. Snow's project.

Ground water will be sampled this month, probably during the week of the 20-23, although this may be subject to change. Test results should be available in early October. To date, there has been no ongoing bailing or product removal by anyone. The option of having Snow Cleaner personnel periodically bail the site has been at least temporarily abandon. Snow Cleaners currently has three or four employees with HAZWOPER training. They MAY be used in the future, but we will coordinate and communicated any such involvement with your office. We will obtain training certificates from them, and we will forward them to you. To date, all product sampling and removal has been done by representative of Joslin Geotechnical

Removal of the materials extracted from Monitor Well 2 was done by representatives of Safety Clean Corporation. We presently anticipate storing future bailed water and product in sealed DOT 55 gallon metal drums, with Safety Clean collecting the contaminated

water on a routine basis during their other work normally associated with this site.

The non-contaminated soils removed during tank removal were released to a contractor for disposal on Cutting Boulevard in Richmond, California. Direct contact with the property owner was not made by representative of Joslin Geotechnical or C.M. Chambers Company. The site was visited by C.M. Chambers and is currently an asphalt-concrete paved parking lot. At the time of the visit, the exact address was not recorded. The receiving site was last visited in 1991. As was explained to you, contaminated soils were used on-site for planter filling and similar uses. These will eventually be sampled to determine if contaminate remains, has been "bioremediated", and samples will be collected from beneath the planters to determine if product is being carried away.

For the proposed present workplan, we presently anticipate using a Geoprobe system to advance test holes on approximately 25 foot spacing. APPROXIMATE locations for the holes are shown on the attached drawing. In general, we intend to explore the approximate perimeter of the building on the south and west sides, and at the west approximate one-third of the north side. We also propose to obtain permission to place one hole on the south side of Davis Street, almost directly across the street from where the tanks used to be, and approximately in-line with Monitor Well 2. The only location feasible for this hole is in the right of way between the curb and sidewalk. Further, this location is directly beneath overhead electric and phone lines. ADVANCING THIS HOLE MAY BE DIFFICULT DUE TO HEIGHT OF EQUIPMENT AND OVERHEAD POWER LINES, but we intend to seek permission from the City of Oakland to explore this site, have it USA line located, and will probe it if possible during the other site exploration.

We will also probe adjacent to the cleaning room at this time, but will not take out walls and the roof to advance a boring within the room. The 14 inch thick concrete floor reported there is daunting at best regarding probing, and it is doubtful if a geoprobe system can work in this area. Therefore, we will advance one hole on the northeast side, where there is reasonable vehicle access. At this time, there is no plan for probing immediately adjacent the southwest side because of lower ceiling height. Probing in that location could change, either during this phase of drilling or at some time in the future.

Our site representatives will include a site safety officer and engineer. We will have a formal site safety plan, if this concept is approved by you. We will also have a geological engineer on-site to log the soils and obtain samples. Both of these individuals have 40 hour certificates and refresher updates. Proposed dates for this work are mid-October to mid November, depending primarily upon finding a third Geoprobe, obtaining formal

Mr. Chan

Snow Cleaners, Project 220 September 6, 1999

written bids from them, obtaining permits from Oakland to probe the right-of-way, coordinating drill schedules with those of our personnel, and with the ability of Mr. Snow to cover the expense of this phase of work.

Please let us know if this is agreeable to you, and we will begin a formal site safety plan.

Very truly yours,

**JOSLIN GEOTECHNICAL**

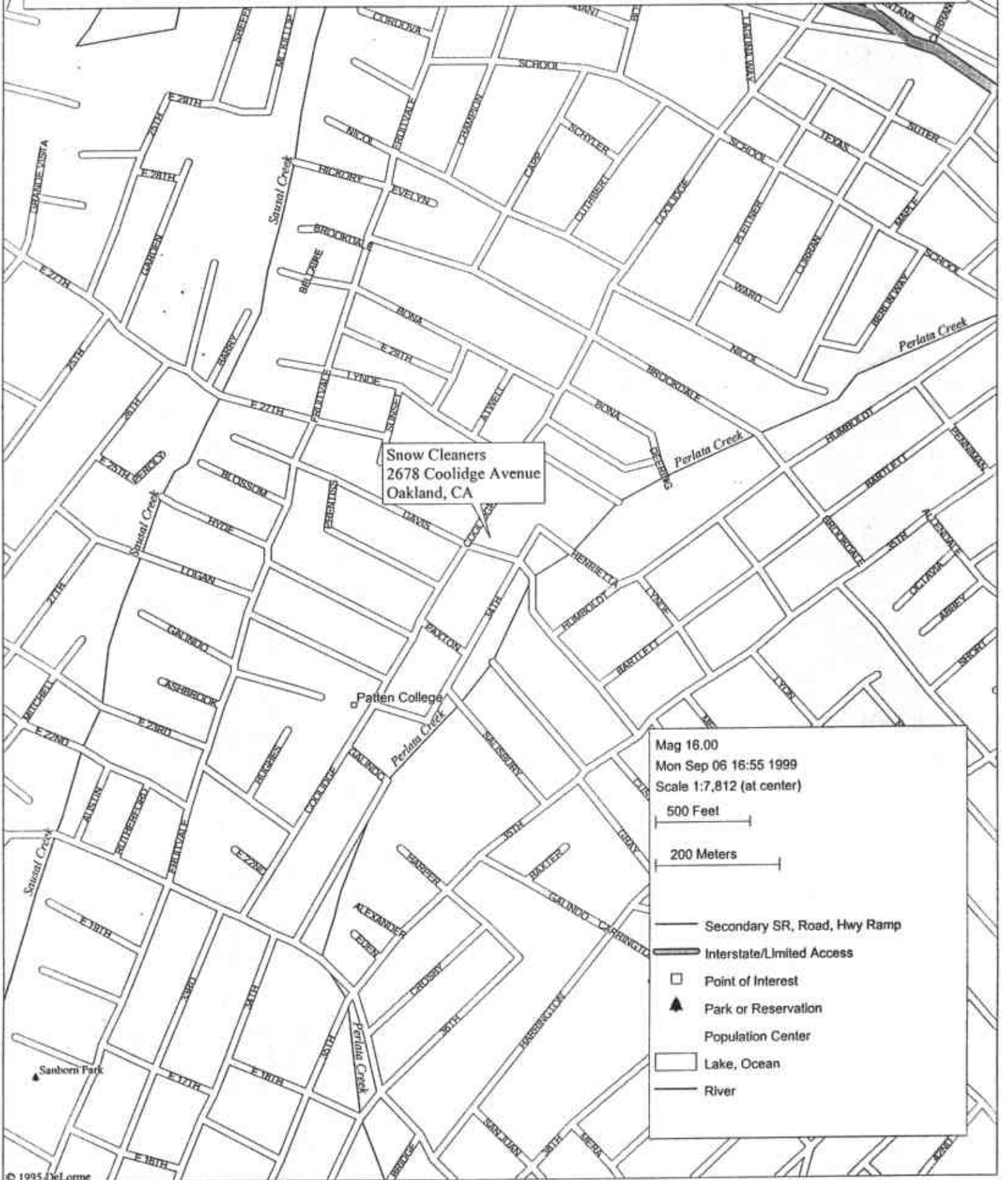
*Robert D. Joslin*

Robert D. Joslin, P.E.  
Civil/Geological Engineer  
CE 37716

cc: Mr. Harold Turner

Attachments: Vicinity Map, Proposed General Locations of Geoprobe on Site Plan

# Snow Cleaners, Oakland, CA

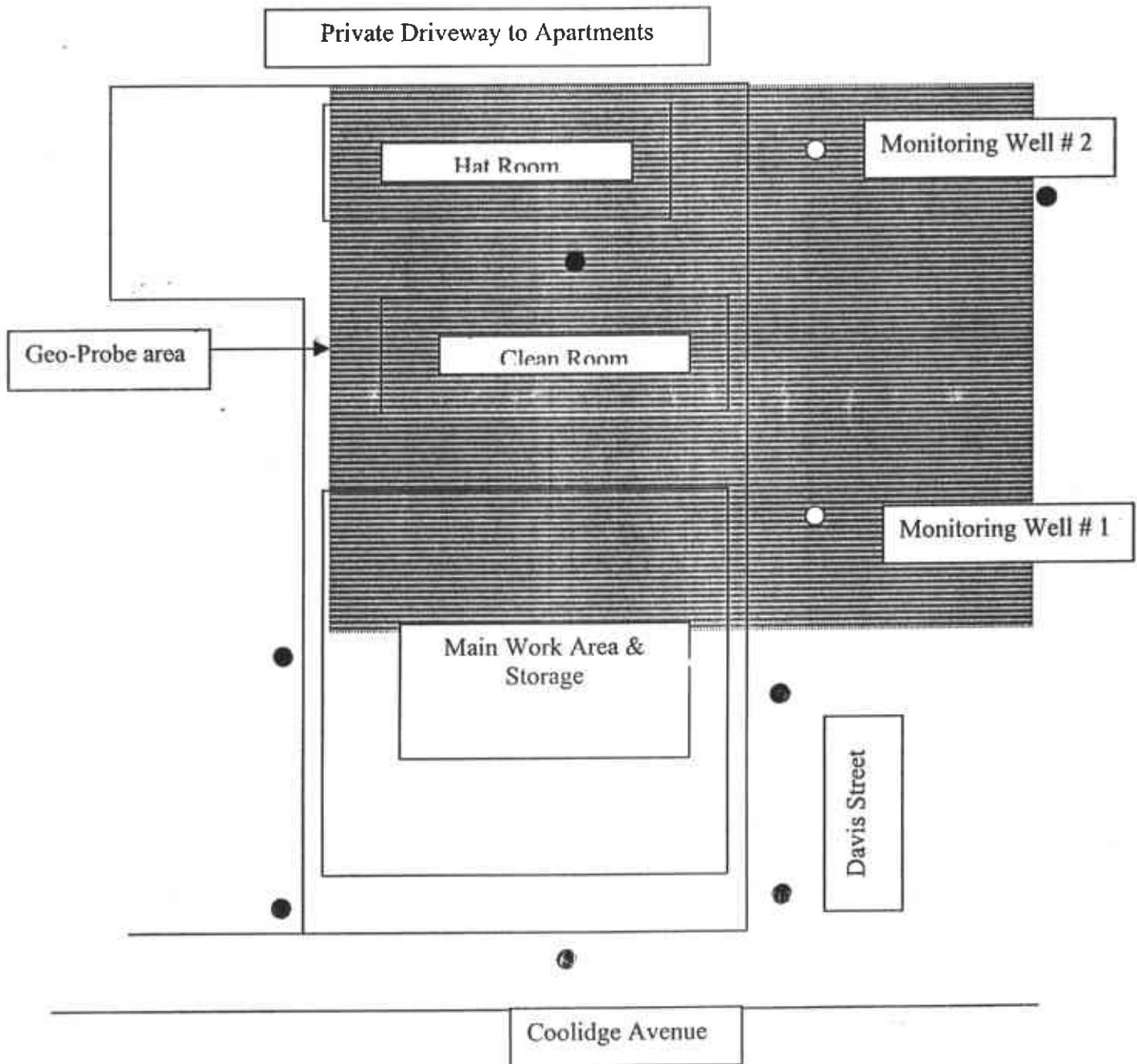


Snow Cleaners  
2678 Coolidge Avenue  
Oakland, CA

Mag 16.00  
Mon Sep 06 16:55 1999  
Scale 1:7,812 (at center)

500 Feet  
200 Meters

- Secondary SR, Road, Hwy Ramp
- Interstate/Limited Access
- Point of Interest
- Park or Reservation
- Population Center
- Lake, Ocean
- River



● = APPROXIMATE location of proposed Geoprobe hole

**SNOW CLEANERS - GEO-PROBE AREA**

**DRAWING NOT TO SCALE. GEO-PROBE PLOT WILL BE AT APPROX. 20 FOOT INTERVALS FROM THE CENTER OF THE AREA DISPLAYED.**