FOR CONTRACT NO.: 01-496904

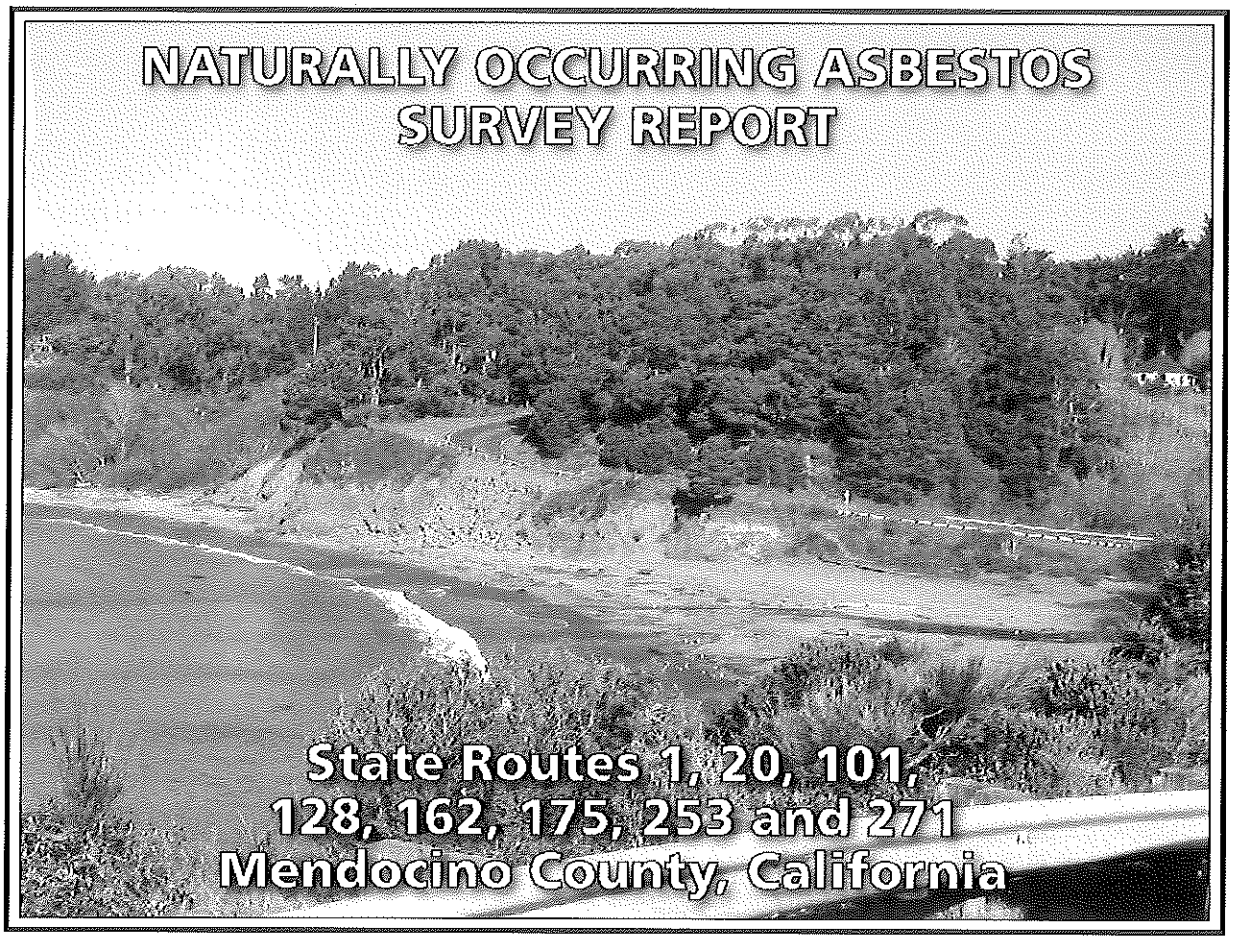
INFORMATIONAL HANDOUT

MATERIALS INFORMATION
(NOT A PART OF THE CONTRACT)

NATURALLY OCURRING ASBESTOS SURVEY REPORT
State Routes 1, 20, 101, 128, 162, 175, 253, and 271
Mendocino County, California
January 2010

ROUTE: 01-MEN-101-36.0/40.7

NATURALLY OCCURRING ASBESTOS SURVEY REPORT



State Routes 1, 20, 101, 128, 162, 175, 253 and 271 Mendocino County, California

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GEOCON

GEOCON PROJECT NO. S9300-06-93
TASK ORDER NO. 93, CONTRACT NO. 03A1368

JANUARY 2010

GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

Project No. S9300-06-93
January 29, 2010

Mr. Mark Melani
California Department of Transportation – District 3
Environmental Engineering Office
P.O. Box 911
Marysville, California 95901

Subject: STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA
CONTRACT NO. 03A1368, TASK ORDER NO. 93
NATURALLY OCCURRING ASBESTOS SURVEY REPORT

Dear Mr. Melani:

In accordance with California Department of Transportation (Caltrans) Contract No. 03A1368, Task Order No. 93 we have performed naturally occurring asbestos (NOA) survey services within the Caltrans right-of-way along State Routes 1, 20, 101, 128, 162, 175, 253 and 271 in Mendocino County, California. The accompanying report summarizes the services performed including the collection of 43 samples for asbestos analysis and the incorporation of asbestos data generated from 18 previous NOA surveys performed by Geocon, Shaw Environmental Inc. and IT Corporation.

The contents of this report reflect the views of the author, who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

Please contact us if you have any questions concerning the contents of this report or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.

Ian M. Stevenson, PG
Project Geologist

PROFESSIONAL GEOLOGIST
Ian M. Stevenson
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12/31/11
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Senior Geologist

IMS:DWB:krh

(6 + 10 CD) Addressee

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NATURALLY OCCURRING ASBESTOS SURVEY REPORT

1.0 INTRODUCTION

This Naturally Occurring Asbestos (NOA) Survey Report was prepared under California Department of Transportation (Caltrans) Contract No. 03A1368, Task Order (TO) No. 93. A summary of Expense Authorizations (EAs) evaluated under this TO and their project limits are presented in Table 1. The survey services were performed in Mendocino County, California, along State Routes (SR) 1, 162, 175 and 271 (Mendocino County Highway Corridors). NOA data collected by Geocon, Shaw Environmental Inc. (Shaw) and IT Corporation (IT) under previous Caltrans Contract Nos. 03A0937, 43A0078, 43A0012 and 43A0199 along SR 20, 101, 128, 162, 175, 253 and 271 have been incorporated into this report. A summary of previous NOA surveys performed along Mendocino County Highway Corridors is presented in Table 2. The route and Post Mile (PM) extents covered by this report are as follows:

- SR 1 – PM 0.0 to 105.49
- SR 20 – PM 0.0 to 44.0
- SR 101 – PM 0.0 to 106.8
- SR 128 – PM 0.0 to 50.1
- SR 162– PM 0.0 to 34.0
- SR 175 – PM 0.0 to 9.0
- SR 253 – PM 0.0 to 17.15
- SR 271 – PM 0.0 to 23.0

1.1 Project Description and Proposed Improvements

The survey area consists of the Caltrans right-of-way for the length of SR 1, 20, 101, 128, 162, 175, 253 and 271 in Mendocino County, California. The approximate survey area is depicted on the attached Vicinity Map, Figure 1. For the purposes of providing one document characterizing NOA within the Mendocino County highway corridors, NOA data collected by Geocon, Shaw and IT from 18 previous NOA surveys under separate Caltrans contracts and TOs have been incorporated into this report. Proposed projects for which the data will be used include culvert replacements, pavement and shoulder widening, roadway realignment, ongoing landslide removal and mitigation, and the performance of other maintenance, repair, and roadway improvement activities along the highway corridors.

1.2 General Objectives

Geologic mapping by the California Geologic Survey (CGS) depicts ultramafic rock formations within portions of the Mendocino County highway corridors, the alteration of which can lead to the formation of NOA minerals. The purpose of the scope of services outlined in TO No. 93 was to determine the

general distribution of potentially NOA-containing soil and rock within the Mendocino County Highway Corridors. Future construction or some maintenance activities may require the disturbance of possible NOA-containing soil or rock. If not managed, disturbance of NOA during construction and maintenance activities may potentially pose an inhalation risk to the health of construction personnel.

Information regarding NOA content will be used to determine where Caltrans construction and maintenance activities should comply with California Air Resources Board (CARB) and Mendocino County Air Quality Management District (MCAQMD) regulations governing activities with the potential to disturb NOA-containing soil and/or rock. The investigative results will also be used by Caltrans for regulatory compliance, health, safety and disposal purposes. Accordingly, Caltrans has requested this survey to provide data regarding the presence of NOA-containing soil or rock within Mendocino County Highway Corridors.

2.0 BACKGROUND

Caltrans requested geologic assessment and sampling of geologic materials in the Mendocino County Highway Corridors to characterize them with regards to the likelihood that NOA is present.

2.1 Previous Caltrans Assessments in the Highway Corridor

We identified 18 previous NOA surveys performed by Geocon, IT and Shaw under various Caltrans contracts and TOs within the Mendocino County Highway Corridors. The results of the NOA investigations are presented in the following reports:

1. *Naturally Occurring Asbestos and Aerial Lead Site Investigation Report, State Route 128 Landslide Repair Project, Mendocino County, California, Post Mile 39.6/39.9,* Geocon Consultants, Inc., Project No. S8225-06-99, June 9, 2000.
2. *Naturally Occurring Asbestos Site Investigation Report, Boonville Smoot Sink, 1-Men-128-PM (35.0/35.2F), EA:35940K, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8225-06-119, *October 9, 2000.*
3. *Naturally Occurring Asbestos Survey Report, State Route 175 at East Side Road, KP 1.8/1.9 (PM 1.1/1.2), Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-37, May 24, 2005.
4. *Naturally Occurring Asbestos Survey Report, Highway 253 (Remove Slide), 01-Men-253-PM 1.1/1.3, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-39, May 26, 2005.
5. *Naturally Occurring Asbestos and Aerial Deposited Lead Site Investigation Report, State Route 20, 01-Men-20 KP 53.6 to 61.0 (Post Mile 33.3 to 37.9), Mendocino County, California,* Geocon Consultants Inc., Project No. S8875-06-46, June 30, 2005.
6. *Naturally Occurring Asbestos Survey Report, Highway 271 Culverts, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-65, January 3, 2006.

7. *Naturally Occurring Asbestos Survey Report, Anderson Creek Bridge, Boonville, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-142, January 17, 2007.
8. *Naturally Occurring Asbestos and Aerial Lead Site Investigation Report,* Hopland Unit 3, Men-101-KP 9.3/14.8 (PM 5.8/9.2), *Mendocino County, California,* Geocon Consultants, Inc., Project No. S8225-06-114, August 11, 2000, revised September 18, 2000.
9. *Naturally Occurring Asbestos Survey Letter Report, State Route 162, Post Mile 10.7 to 11.1, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-120, October 16, 2006.
10. *Naturally Occurring Asbestos Survey Report, Storm Damage Repair Projects, State Routes 20, 128, 162, and US Route 101, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-138, January 30, 2007.
11. *Naturally Occurring Asbestos Survey Report, State Route 101, Post Mile 5.0 to 5.4, Mendocino County, California,* Geocon Consultants, Inc., Project No. S9230-06-03, May 4, 2007.
12. *Naturally Occurring Asbestos Survey Report, State Route 128 and 253, Post Mile 0.0/50.1 and 0.0/17.15, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-140, June 29, 2007.
13. *Naturally Occurring Asbestos Survey Report, State Route 20, Post Mile 0.0 to 44.0, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-141, September 26, 2007.
14. *Naturally Occurring Asbestos Survey Report, State Route 101, Post Mile 0.0 to 106.8, Mendocino County, California,* Geocon Consultants, Inc., Project No. S8875-06-141, September 28, 2007.
15. *Naturally Occurring Asbestos Survey Test Results, Bridge Upgrade and Improvement Project, Anderson Creek Bridge, Men-253, PM 0.54, Mendocino County, California,* Geocon Consultants, Inc., Project No. S9230-06-10, November 18, 2008.
16. *Preliminary Site Investigation Of Naturally Occurring Asbestos, State Route 128 Post Miles 24.55 to 50.99 and State Route 253 Postmiles 0.99 to 17.15, Mendocino County, California,* IT Corporation, Project No. 833550/01010000, January 28, 2002.
17. *Site Investigation Report, Aerially Deposited Lead and Naturally Occurring Asbestos Investigation, Highway 101 Between Kiloposts 60.2 and 62.4, Willits, Mendocino County, California,* Shaw Environmental, Inc., Project No. 103094.0101, June 16, 2004.
18. *Site Investigation Report, Aerially Deposited Lead and Naturally Occurring Asbestos Investigation, Highway 101 Between Kiloposts 63.4 and 65.8, Willits, Mendocino County, California,* Shaw Environmental, Inc., Project No. 103096.0101, June 16, 2004.

Consultant names, route numbers, PMs, project numbers, Caltrans Contract Nos. and TO Nos. for the site investigation reports listed above are presented in Table 2. Laboratory data for the current and previous NOA surveys are presented in Table 3.

2.2 Regulatory Framework

The CARB has mitigation practices for construction, grading, quarrying, and surface mining operations that may disturb natural occurrences of asbestos outlined in the Airborne Toxic Control Measure

(ATCM) in Title 17 California Code of Regulations (CCR), Section 93105 (ATCM 93105). NOA potentially poses a health hazard when it becomes an airborne particulate. Maintenance and construction activities within the roadway corridor could disturb NOA-containing rock and soil where present, thereby potentially creating an airborne asbestos hazard. Mitigation practices can reduce the risk of exposure to asbestos-containing dust. The primary mitigation practice used for controlling exposure to potentially asbestos-containing dust is the implementation of engineering controls; primarily wetting the materials being disturbed. If engineering controls do not adequately control exposure to potentially asbestos-containing dust, the use of personal protective equipment including wearing approved high-efficiency particulate air filter-equipped respirators is required during construction activities. Asbestos dust control methods similar to those in ATCM 93105 are outlined in Title 17 CCR, Section 93106 (ATCM 93106) governing the control of airborne asbestos resulting from the use of NOA-containing material for road surfacing applications. Using surfacing material with 0.25% or more asbestos material is not permitted, and wetting of the material or the application of a surface sealant is recommended to minimize disturbance of the asbestos material. Onsite reuse or disposal of NOA-containing materials is allowed by ATCMs 93106 and 93105 if it is covered with at least 0.25 foot of material that contains less than 0.25% asbestos.

The MCAQMD requires all construction activities to follow recommendations given in Rule 1-430, Fugitive Dust Emissions. MCAQMD Rule 1-430 is presented in Appendix A. Mandatory notification to MCAQMD is required if a project will potentially disturb NOA-containing materials.

3.0 SCOPE OF SERVICES

The scope of services as requested by Caltrans in TO No. 93 included a geologic assessment of the SR 1, 162, 175 and 271 corridors for potentially asbestos-bearing soils and rocks, the collection of 43 soil and rock samples for asbestos analysis, review of 18 previous NOA surveys performed within the SR 20, 101, 128 and 253 corridors, and the preparation of this report.

3.1 Pre-field Activities

- Conducted a Task Order Meeting and preliminary geologic reconnaissance on August 10 and 11, 2009, to discuss the TO scope of services and review general geologic conditions. Caltrans Quality Assurance Manager Mark Melani, Geocon Task Order Manager David Bieber, and Geocon Field Supervisor Ian Stevenson were present at the meeting. The purpose of the Task Order Meeting was to identify and discuss the project boundaries and conditions.
- Reviewed readily available published geological maps and studies of the Mendocino County Highway Corridors and surrounding areas for information on the potential presence of NOA.
- Reviewed reports that were prepared for previous NOA surveys by Geocon, IT, and Shaw within and adjacent to the Mendocino County Highway Corridors.
- Retained the services of EMSL Analytical, Inc. (EMSL), a Caltrans-approved and California-certified analytical laboratory, to perform asbestos analyses of samples.

- Prepared a *Health and Safety Plan* dated August 20, 2009, to provide guidelines on the use of personal protective equipment and the health and safety procedures implemented during the field activities.
- Prepared a *Workplan* dated September 3, 2009, which describes the requested scope of services and quality assurance/quality control (QA/QC) sampling and laboratory procedures.

3.2 Field Activities

A preliminary geological reconnaissance was performed on August 10 and 11, 2009, by David Bieber, a California Certified Engineering Geologist (CEG No. 2092), and Ian Stevenson, a California Professional Geologist (PG No. 8203), each of whom have specialized experience in the assessment of NOA.

The NOA survey was performed in general accordance with the procedures outlined Title 17 CCR, Sections 93105 and 93106, from August 31, 2009, to October 28, 2009, by Ian Stevenson. The NOA survey included additional geological reconnaissance and the collection of 43 soil and rock samples for asbestos analysis. The sample locations were selected in the field by the Geocon Field Supervisor and were determined using a global positioning system (GPS) capable of providing a horizontal position with a minimum error of 3.3 feet. The approximate sample locations are depicted on the Site Plans. Details of the field activities are presented in the following sections.

4.0 INVESTIGATIVE METHODS

We performed a preliminary geological reconnaissance of the Mendocino County Highway Corridors to identify areas where NOA minerals may occur. Additional NOA assessment was conducted during the collection of 43 soil and rock samples for laboratory analysis. Samples were collected from areas not evaluated for the presence of NOA under previous TOs and where the observed geology did not allow us to conclusively assess the location for the presence of NOA, from areas where conditions were conducive to the formation of or likely to contain NOA-containing materials, and from areas with geology not conducive to the formation of NOA. The approximate sample locations are presented on the Site Plans.

The soil samples were collected from hand-auger borings, as rock chip samples, or as surface samples. Hand-auger borings were advanced to depths of 0.75 to 1.5 feet to collect soil samples. Samples for asbestos analysis were collected from the bottom 6 inches of soil excavated so as to minimize the potential for asbestos contamination from anthropogenic sources such as motor vehicle brakes. Rock chip samples were collected using a rock hammer to remove approximately one quart of material. Surface samples were collected using a sampling pick or hand-auger to collect approximately one quart of loose soil and rock debris.

Each sample was placed into a one quart resealable plastic bag. Loose samples were homogenized within their sample bags after collection. Each sample bag was marked with an identification number, the date, and the time collected. Identification numbers of samples collected consisted of route, county abbreviation, and number (e.g. 162M-2). Sample numbers and associated Post Miles are presented in Table 3. The samples were delivered to EMSL for asbestos analysis under chain-of-custody (COC) protocol.

NOA samples were collected as follows:

- SR 1 – Two samples for asbestos analysis were collected from the north and south side of the Greenwood Creek Bridge at PM 33 in Elk.
- SR 162 – Thirty samples were collected for asbestos analysis between PM 10.55 and PM 36.49.
- SR 175 – Nine samples were collected for asbestos analysis between PM 1.0 and PM 9.84.
- SR 271 – Two samples were collected for asbestos analysis between PM 0.44 and PM 0.5.

SR 20, 101, 128 and 253 corridors were evaluated for the presence of NOA under separate Caltrans Contracts and TOs. A summary of previous NOA surveys is presented in Table 2. Asbestos data from previous NOA surveys is included in Table 3.

4.1 Traffic Control

Sample locations were generally occupied for less than ten minutes. We provided "SHOULDER WORK AHEAD" advanced warning signs and orange traffic cones during the field work.

4.2 Quality Assurance/Quality Control Procedures

QA/QC procedures were performed during the field exploration activities. These procedures included decontamination of sampling equipment before each sample was collected and providing COC documentation for each sample submitted to EMSL. Sampling equipment was cleansed between each sample by washing the equipment with an Alconox® solution followed by a rinse with de-ionized water. The decontamination water was disposed of in the Caltrans right-of-way away from storm drains and more than 50 feet from surface water bodies.

4.3 Laboratory Analyses

Samples were submitted to EMSL for asbestos fiber analysis by CARB 435 under a five-day or six- to ten-day turn-around-time (TAT) basis. The CARB 435 preparation includes milling the sample to a -200 mesh size which also homogenizes the sample. Forty-three samples were analyzed by EMSL using CARB 435 with polarized light microscopy (PLM). The analytical sensitivity of the PLM analysis was 0.25% by area. Prior to submitting the samples to the EMSL, the COC documentation was

reviewed for accuracy and completeness. Reproductions of the laboratory reports and COC documentation are presented in Appendix B.

5.0 FIELD OBSERVATIONS AND INVESTIGATIVE RESULTS

5.1 Geology

We reviewed the following geologic maps prior to beginning the field work to gather information regarding the potential presence of NOA within the Mendocino County Highway Corridors:

- CGS 1982 *Geologic Map of the Santa Rosa Quadrangle* (Santa Rosa Sheet);
- CGS 1960 *Geologic Map of California, Ukiah Sheet* (Ukiah Sheet);
- CGS 2000 *General Location Guide for Ultramafic Rocks in California, Areas More Likely to Contain Naturally Occurring Asbestos* (Ultramafic Map); and
- MCAQMD mapping of *Areas That May Contain Naturally Occurring Asbestos* (MCAQMD NOA Map).

The depicted geologic materials within the Mendocino County Highway Corridors, as shown on the Santa Rosa and Ukiah Sheets, consists of Quaternary dune sands, Quaternary alluvium, Quaternary nonmarine terrace deposits, Pleistocene marine and marine terrace deposits, Pleistocene nonmarine, Plio-Pleistocene nonmarine, middle and lower Miocene marine, Eocene marine, Paleocene marine, Tertiary volcanic, undivided Cretaceous marine, upper Cretaceous marine, Cretaceous Franciscan Formation and Mesozoic ultrabasic intrusive rocks. The areas more likely to contain NOA depicted on the Ultramafic Map and the MCAQMD NOA Map generally correspond with areas on the Santa Rosa and Ukiah Sheets mapped as Mesozoic ultrabasic intrusive rock.

Ian Stevenson and David Bieber performed the NOA assessment of the lithology of outcrops visible within the Caltrans right-of-way. The observed geology is consistent with that depicted on the Santa Rosa and Ukiah Sheets.

5.2 Laboratory Results

Thirty-six of the forty-three samples collected and analyzed for asbestos under this TO were reported as non-detect. Six of the forty-three samples analyzed were reported to contain <0.25% chrysotile by the PLM method, five from along SR 162 and one from SR 271. One sample collected along SR 162 for this TO was reported to contain 16% chrysotile asbestos by the PLM method. The NOA analytical results from samples analyzed for this TO are included and summarized in Table 3.

5.3 Summary of Geology by Corridor

The following sections provide geologic descriptions specific to each corridor.

5.3.1 SR 1

Soils within the SR 1 corridor are generally comprised of fill, and colluvial and alluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include slide debris, Quaternary dune sands, Quaternary alluvium, Pleistocene marine terrace deposits, Eocene and Paleocene marine sedimentary deposits, Tertiary basalts, Cretaceous marine deposits and the Franciscan Formation. Serpentinized ultramafic rocks were not observed during our geologic reconnaissance of the corridor and are not depicted on the geologic maps reviewed. However, Greenwood Creek drains in an area east of SR 1 where ultramafic rock may be present. Therefore, we evaluated the alluvial materials present in that area for the presence of detrital material that might contain NOA, including the collection of two samples for asbestos analysis.

5.3.2 SR 20

Soils within the SR 20 corridor are generally comprised of fill, colluvial and alluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include Quaternary alluvium, Quaternary terrace deposits, Pleistocene marine and terrace deposits, Plio-Pleistocene non marine deposits, undivided Cretaceous marine deposits, Jurassic-Cretaceous Franciscan Formation metavolcanics, Jurassic-Cretaceous Franciscan Formation and Mesozoic ultramafic intrusive rocks. Mesozoic ultramafic intrusive rocks are only mapped along the SR 20 corridor as a small outcrop in the vicinity of Willits on the Ukiah Sheet and are not depicted on the Ultramafic Map. The MCAQMD NOA Map depicts areas of concern for NOA in the vicinity of Calpella and Willits. Those portions of SR 20 where potentially asbestos-bearing materials may be present were evaluated under previous TOs.

5.3.3 SR 101

Soils within the SR 101 corridor are generally comprised of fill, colluvial and alluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include slide debris, Quaternary alluvium, Quaternary terrace, Pleistocene Huichica and Glen Ellen formations, Pio-Pleistocene non-marine, Cretaceous Tertiary Coastal Belt Franciscan Formation, undivided Cretaceous marine, Jurassic-Cretaceous Franciscan Formation and Mesozoic ultramafic intrusive rocks. Ultramafic rocks are mapped on the Ukiah Sheet in the vicinity of Hopland, Ridgewood Grade and Cummings. The MCAQMD NOA Map depicts areas of concern for NOA for the majority of the corridor from the Sonoma County line to Laytonville and in the Cummings area. Those portions of SR 101 where potentially asbestos-bearing materials may be present were evaluated under previous TOs.

5.3.4 SR 128

Soils within the SR 128 corridor are generally comprised of fill, colluvial, and alluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include

slide debris, Quaternary alluvium, Quaternary terrace, Plio-Pliocene non-marine, undivided Cretaceous marine, Jurassic-Cretaceous Franciscan Formation and Mesozoic ultramafic intrusive rocks. Mesozoic ultramafic rocks are mapped on the Ukiah sheet in the southern end of Anderson Valley. Mesozoic ultrabasic rocks are also mapped as small scattered outcrops between the southern end of Anderson Valley and the Sonoma County line. The MCAQMD NOA Map depicts areas of concern for NOA in the vicinity of Boonville and between Boonville and the Sonoma County line. Those portions of SR 128 where potentially asbestos-bearing materials may be present were evaluated under previous TOs.

5.3.5 SR 162

Soils within the SR 162 corridor are generally comprised of fill, colluvium, slide debris and alluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include slide debris, Quaternary alluvium, Pio-Pleistocene non-marine, middle Miocene marine, Eocene marine, Paleocene marine, upper Cretaceous marine, Jurassic-Cretaceous Franciscan Formation, and Mesozoic ultramafic intrusive rocks. Ultramafic rocks are depicted on the Ukiah Sheet at the south end of Round Valley and west of Inspiration Point. The MCAQMD NOA Map depicts areas of concern for NOA along the SR 162 corridor from the southern end of Round Valley to the vicinity of Tatu, south of Dos Rios. Portions of SR 162 were evaluated for NOA under previous TOs. However, we identified areas where data gaps in coverage existed between previous evaluations. We collected 30 additional samples for analysis along SR 162 to fill in the gaps in coverage.

5.3.6 SR 175

Soils within the SR 175 corridor are generally comprised of fill, colluvium, slide debris and alluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include slide debris, Quaternary alluvium, Pleistocene non-marine, Pio-Pleistocene non-marine, undivided Cretaceous marine and the Jurassic-Cretaceous Franciscan Formation. Serpentinized ultramafic rocks are not mapped within the SR 175 corridor on the Ukiah Sheet or Ultramafic Map. The MCAQMD NOA Map depicts areas of concern for NOA along the SR 175 corridor in the vicinity of Hopland and the Lake County line. Portions of SR 175 were evaluated for NOA under previous TOs. However, we identified areas where data gaps in coverage existed between previous evaluations. We collected nine additional samples for analysis along SR 175 to fill in the gaps in coverage.

5.3.7 SR 253

Soils within the SR 253 corridor are generally comprised of fill, colluvial, and alluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include slide debris, Quaternary alluvium, Quaternary terrace, undivided Cretaceous marine, Jurassic-Cretaceous Franciscan Formation and Mesozoic ultrabasic rocks. Mesozoic ultrabasic rocks are

mapped on the Ukiah sheet near the summit of SR 253 and in the vicinity of the SR 128/253 junction on the Ukiah and Santa Rosa sheets. The MCAQMD NOA Map depicts areas of concern for NOA in the vicinity of Boonville, the summit of SR 253 and the junction of SR 253 and South State Street. Those portions of SR 253 where potentially asbestos-bearing materials may be present were evaluated under previous TOs.

5.3.8 SR 271

Soils within the SR 271 corridor are generally comprised of fill and colluvial soils apparently derived from local sources. Geologic units observed in the vicinity of the Caltrans right-of-way include slide debris, upper Cretaceous marine deposits and Mesozoic ultrabasic rocks. Mesozoic ultrabasic rocks are mapped on the Ukiah sheet in the vicinity of Cummings. The MCAQMD NOA Map also depicts areas of concern for NOA in the vicinity of Cummings. Portions of SR 271 were evaluated for NOA under previous TOs. However we identified areas were data gaps in coverage existed between previous evaluations. We collected two additional samples for analysis along SR 271 to fill in the gaps in coverage.

6.0 CONCLUSIONS AND RECOMMENDATIONS

We collected 43 soil and rock samples within the SR 1, 162, 175 and 271 corridors. Six of the 43 samples analyzed for this TO were reported to contain chrysotile asbestos at less than 0.25%, five from the SR 162 corridor and one from the SR 271 corridor. One sample from a serpentine outcrop on SR 162 was reported to contain 16% chrysotile asbestos, above the CARB regulatory action limit of 0.25%.

Based on the 43 soil and rock samples collected within the SR 1, 162, 175 and 271 corridors and analyzed for this TO, and 899 samples analyzed for previous NOA surveys, we have assigned asbestos dust mitigation recommendations to each highway corridor within Mendocino County.

Dust control requirements assigned to corridor segments are as follows:

- Soil disturbing activities are not subject to asbestos dust control measures.
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
- Soil disturbing activities should comply with ATCM 93105 and/or 93106 dust control requirements including preparation of, and implementation of the measures presented in an asbestos dust mitigation plan (ADMP).

Dust control requirements were assigned to corridor segments based on the soil or rock type present and asbestos analytical results. Corridor segments where "soil disturbing activities are not subject to asbestos dust control measures" is recommended are characterized by soil or rock that is not conducive to the formation of asbestos and were reported to contain asbestos at less than 0.25%. Corridor segments where "soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present" is recommended are characterized by soil or rock that is not derived from or composed of ultramafic materials but asbestos is present at 0.25% to 0.99%. Corridor segments where "soil disturbing activities should comply with ATCMs 93105 and/or 93106 asbestos dust control requirements including preparation of, and implementation of the measures presented in an asbestos dust mitigation plan" is recommended are characterized by the presence of soils derived from ultramafic rock and/or ultramafic bedrock, and/or asbestos is reported to be present at greater than or equal to 1.0%.

Each Mendocino County Highway Corridor has been assigned dust control requirements for their entire length. A summary of asbestos dust mitigation recommendations by route and PM is presented in Table 4.

6.1 Summary of Segment-specific Recommendations

Recommendations pertaining to asbestos dust mitigation for each specific corridor are presented in the following sections and are summarized by PM in Table 4.

6.1.1 SR 1

Areas likely to contain NOA were not identified along SR 1 in Mendocino County. Soil disturbing activities between PM 0.0 and 105.49 are not subject to asbestos dust control measures.

6.1.2 SR 20

Areas likely to contain NOA were not identified along SR 20 in Mendocino County. Soil disturbing activities between PM 0.0 and 44.0 are not subject to asbestos dust control measures.

6.1.3 SR 101

Areas likely to contain NOA were identified along SR 101 in Mendocino County between PMs 0.0 and 20.0, 36.83 and 38.0, and 80.73 to 87.41. Soil disturbing activities in the areas listed above will need to comply with ATCMs 93105 and/or 93106 and may require the preparation and implementation of an ADMP. Soil disturbing activities outside of the PMs listed above are not subject to asbestos dust control measures.

6.1.4 SR 128

Areas likely to contain NOA were identified along SR 128 in Mendocino County between PMs 4.3 and 4.39, 23.13 and 24.08, 29.72 and 31.6, 32.53 and 32.92, 33.04 and 33.16, 33.45 and 33.51, 33.76 and 33.92, 39.5 and 39.9, 41.12 and 41.17, 42.19 and 42.52, 45.6 and 46.00, 46.7 and 47.0, 47.5 and 47.75, 48.21 and 48.56, and 48.89 to 49.23. Soil disturbing activities within these areas will need to comply with ATCMs 93105 and/or 93106 and may require the preparation and implementation of an ADMP. Soil disturbing activities outside of these areas are not subject to asbestos dust control measures.

6.1.5 SR 162

Areas likely to contain NOA were identified along SR 162 in Mendocino County between PMs 16.5 and 16.54, 21.17 and 21.44, and 23.50 to 26.27. Soil disturbing activities within these areas will need to comply with ATCMs 93105 and/or 93106 and may require the preparation and implementation of an ADMP. Soil disturbing activities outside of these areas are not subject to asbestos dust control measures.

6.1.6 SR 175

Areas likely to contain NOA were not identified along SR 175 in Mendocino County. Soil disturbing activities between PM 0.0 and 9.0 are not subject to asbestos dust control measures.

6.1.7 SR 253

Areas likely to contain NOA were identified along SR 253 in Mendocino County between PMs 0.3 and 2.4, 4.36 and 4.4, 4.63 and 4.67, 8.32 and 8.34, 9.38 and 9.74, 12.72 and 12.92, and 13.93 to 15.76. Soil disturbing activities within these areas will need to comply with ATCMs 93105 and/or 93106 and may require the preparation and implementation of an ADMP. Soil disturbing activities outside of these areas are not subject to asbestos dust control measures.

6.1.8 SR 271

Areas likely to contain NOA were identified along SR 271 in Mendocino County between PM 0.0 and 0.5. Soil disturbing activities between PM 0.0 and 0.5 should comply with ATCMs 93105 and/or 93106 including the preparation of and implementation of the measures presented in an ADMP. Soil disturbing activities between PM 0.5 and 23.00 are not subject to asbestos dust controls.

6.2 NOA-containing Materials Management

NOA is a State of California regulated substance and is reported in areas of the Mendocino County Highway Corridors at levels exceeding the CARB regulatory limit of 0.25%. Though asbestos was reported to be present at or above regulated levels, the asbestos content does not render these materials unsuitable for reuse within the Caltrans right-of-way. However, construction/maintenance activities involving these asbestos-containing materials may fall under regulatory jurisdiction of the California Division of the Occupational Safety and Health Administration (Cal-OSHA) under CCR Title 8 Section 5208. Mitigation measures during construction/maintenance activities should be utilized to minimize releases of NOA to air (dust control) and surface waters (stormwater discharge). If reused within the Caltrans right-of-way, the material from areas where asbestos was reported to be present at regulated levels can not be used in such a way as to fall under the definition of surfacing material as defined in CARB's Title 17, Section 93106. NOA-containing material must be covered by at least 0.25 foot of material that contains less than 0.25% NOA and should ideally be placed at the bottom of the deepest fills for a specific project.

We recommend that soil excavated from areas requiring asbestos dust mitigation measures, as detailed on Table 4, be stockpiled and re-sampled to characterize them with regards to NOA content unless the soil is going to be used onsite as fill and will be covered by hardscape or at least 3 inches of soil that does not contain asbestos at or above 0.25%. Stockpiled soil that does not contain asbestos at or above 0.25% can be used onsite as cover or disposed of offsite without restriction. Under ATCM 93105, offsite disposal of material containing asbestos at or above regulatory limits requires that the landfill facility or property owner must be notified that the soil contains levels of asbestos that exceed regulated levels. Soils removed from areas containing asbestos (see Table 4 for summary of corridor segments requiring asbestos dust control) must be transported in accordance with ATCM 93105, Section E(4)(F), *Control for Off-site Transport*, which states:

"No trucks are allowed to transport (NOA-containing) *excavated material off-site unless:*

1. *Trucks are maintained such that no spillage can occur from holes or other openings in cargo compartments; and*
2. *Loads are adequately wetted and either:*
   i. *Covered with tarps; or*
   ii. *Loaded such that the material does not touch the front, back, or sides of the cargo compartment at any point less than six inches from the top and that no point of the load extends above the top of the cargo compartment."*

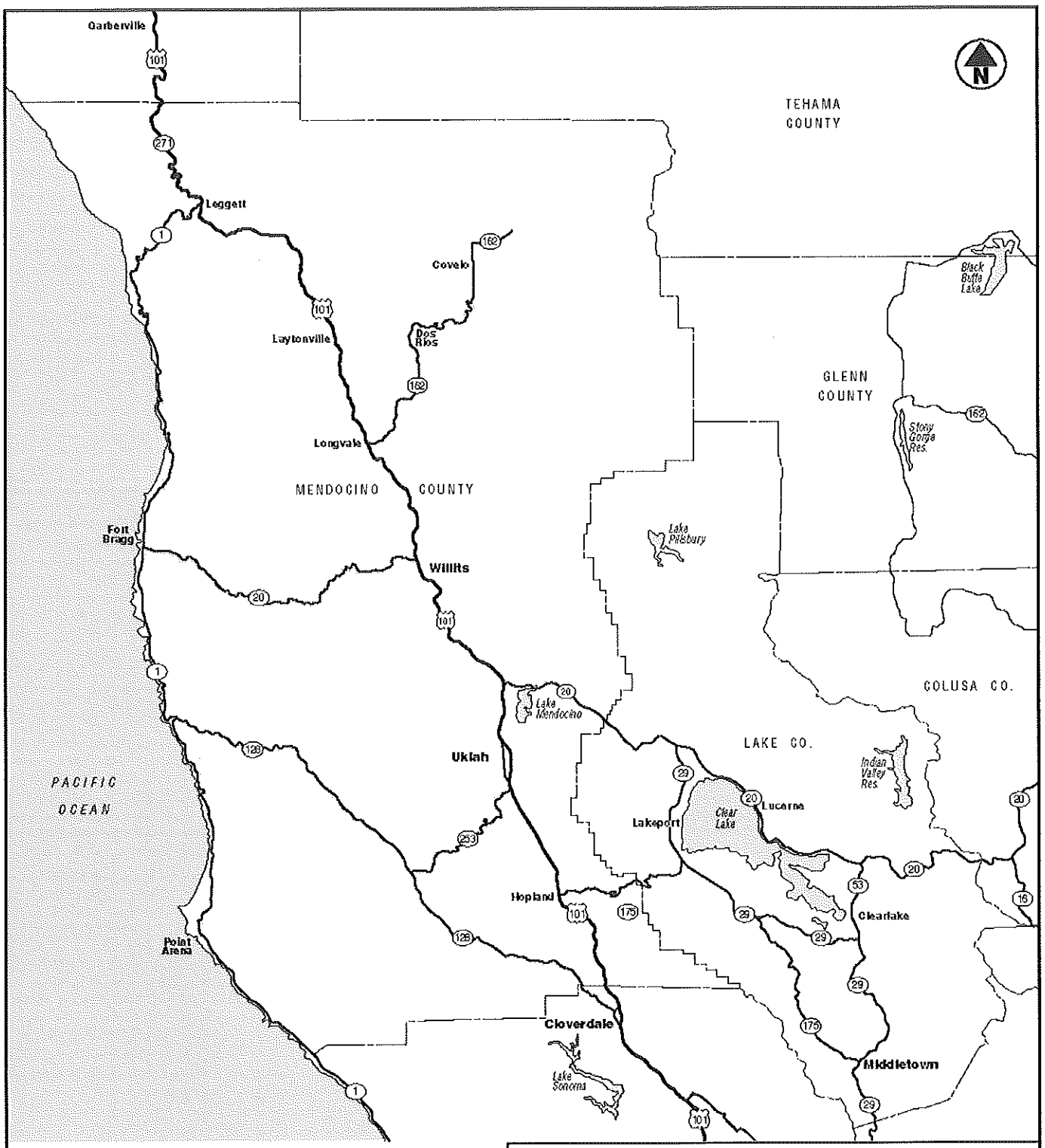
6.3 Asbestos Risk to Human Health

Currently, regulatory exposure limits and health hazard data are not available for NOA in soils. Federal regulations governing asbestos define it as the asbestiform variety of the amphibole minerals actinolite, amosite, anthophyllite, crocidolite, and tremolite, and the asbestiform variety of serpentine, chrysotile. Asbestos fibers occurring in industrial materials are considered by the National Institute for Occupational Safety and Health as potential occupational carcinogens. Prudence is recommended, therefore, in dealing with soils containing NOA. Engineering controls, such as wet methods for dust suppression, should be utilized to minimize aerial dispersion of NOA fibers in planned work areas during excavation and construction activities. Under Title 8 Section 5208 of the CCR, disturbance of asbestos-containing materials requires wet working methods and possible respiratory protection and air monitoring. The CARB has established protocols outlined in Title 17, Section 93105 for the implementation of worker health, safety and monitoring plans for excavation, grading and transport of NOA-containing soils. The excavation contractor should consult Title 17, Section 93105 and contact Cal-OSHA to establish the appropriate regulatory protocol and actions necessary for excavation and/or disturbance of asbestos-containing soils.

7.0 REPORT LIMITATIONS

This report has been prepared exclusively for Caltrans. The information contained herein is only valid as of the date of the report and will require an update to reflect additional information obtained.

This report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein. Therefore, the report should be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.



LEGEND:

Project Sampling Location

0 6 10
Scale in Miles

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3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
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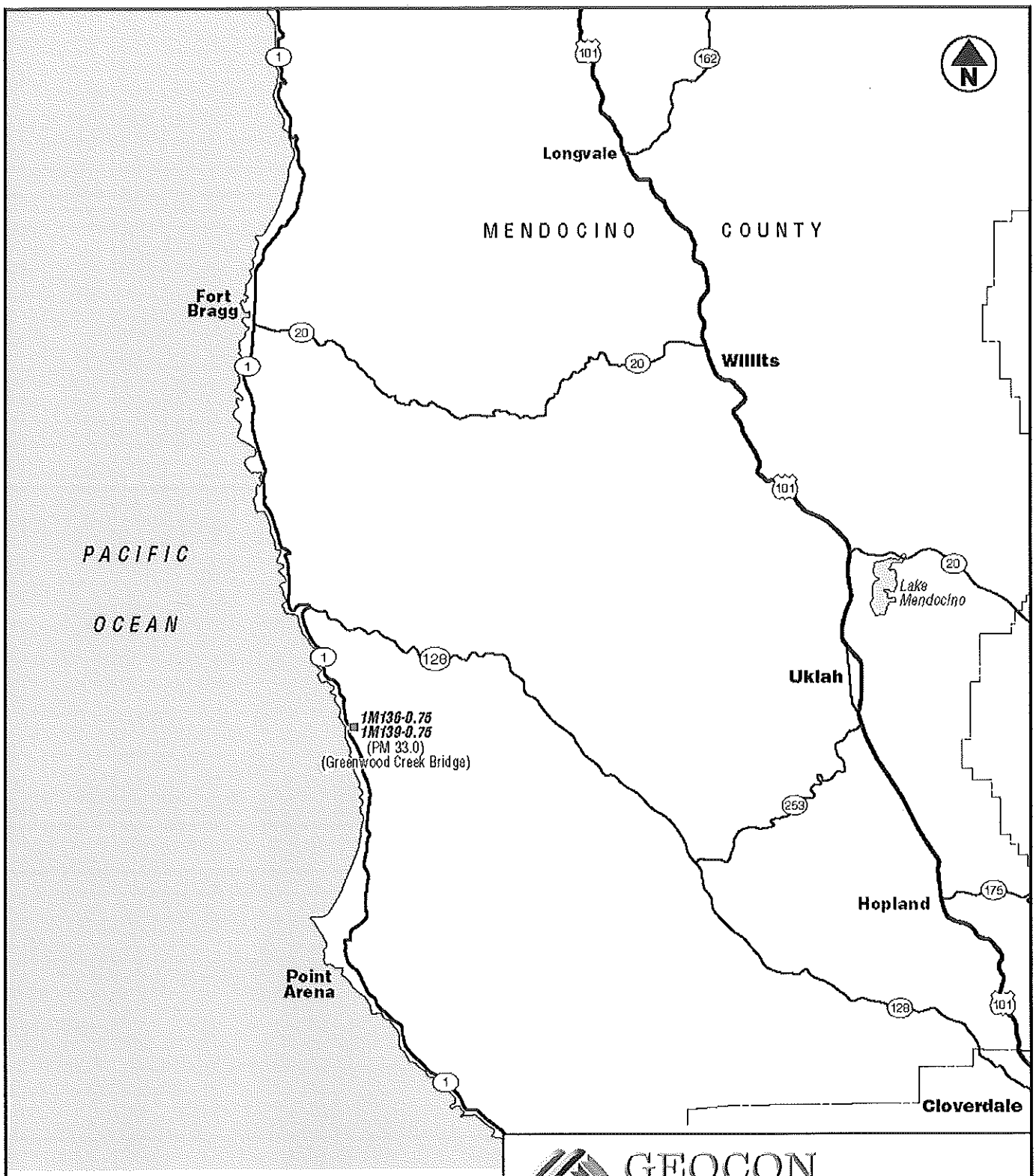
State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	**VICINITY MAP**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 1



LEGEND:

▪ Approximate Naturally Occurring Asbestos (NOA) Sample Location

0 5 10
Scale in Miles

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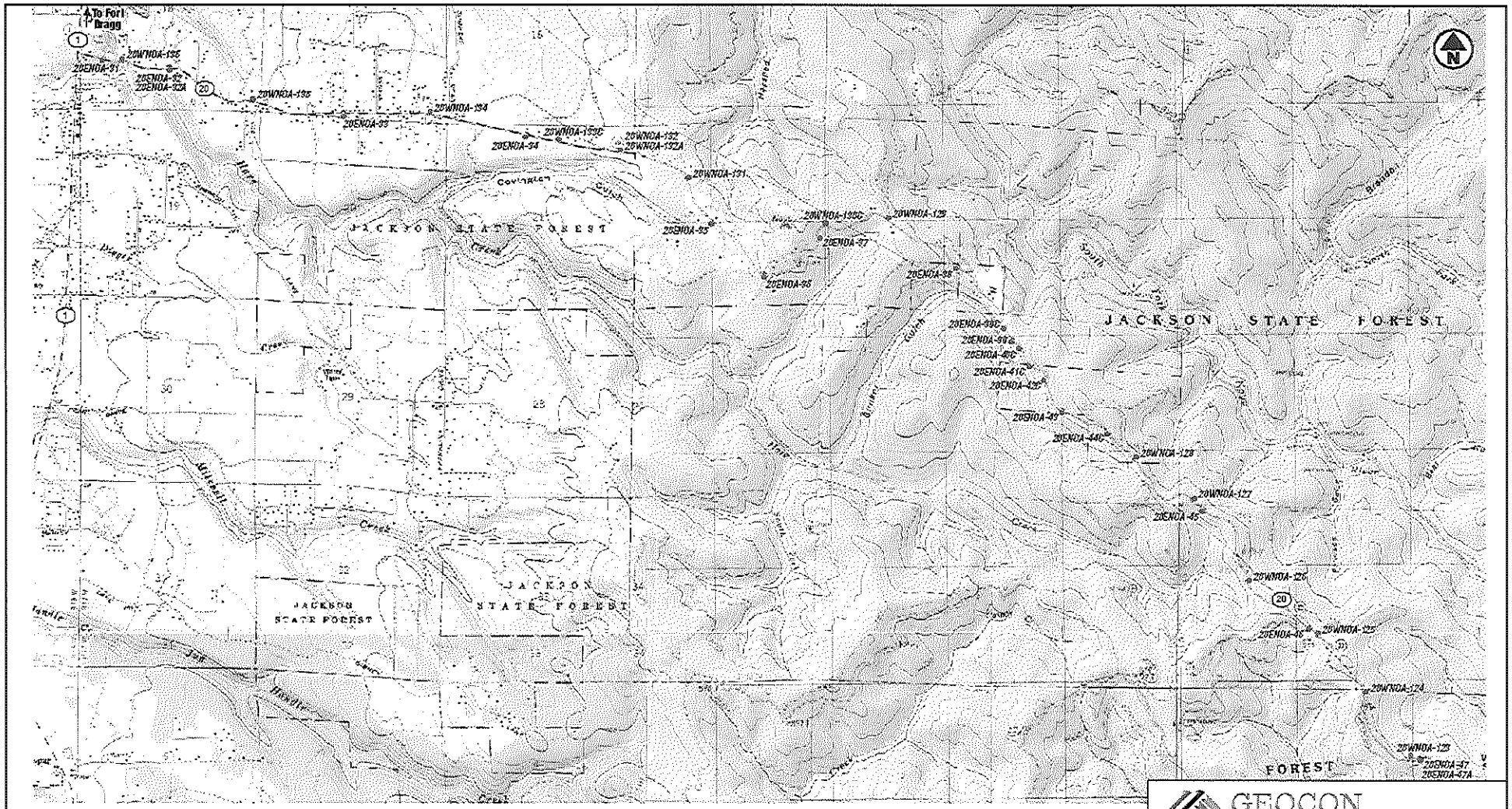
Mendocino County, California	**SITE PLAN MEN 01**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 2



GEOCON CONSULTANTS INC.

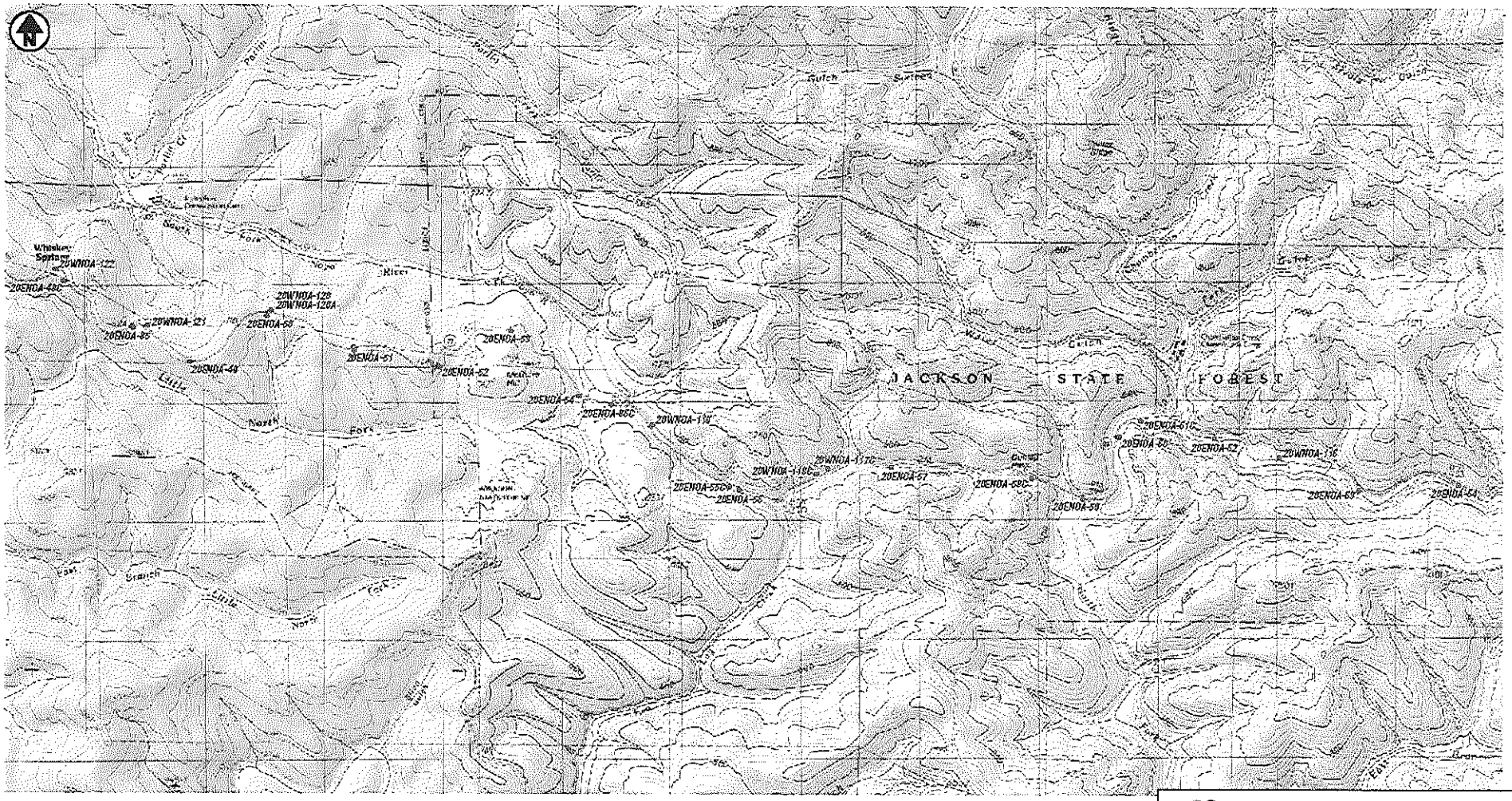
5166 GOLD VALLEY DR., SUITE 200, RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 - FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 20**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 3-1

LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

0 1/2 1
Scale in Miles



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO #141)

0 1.2 1
Scale in Miles

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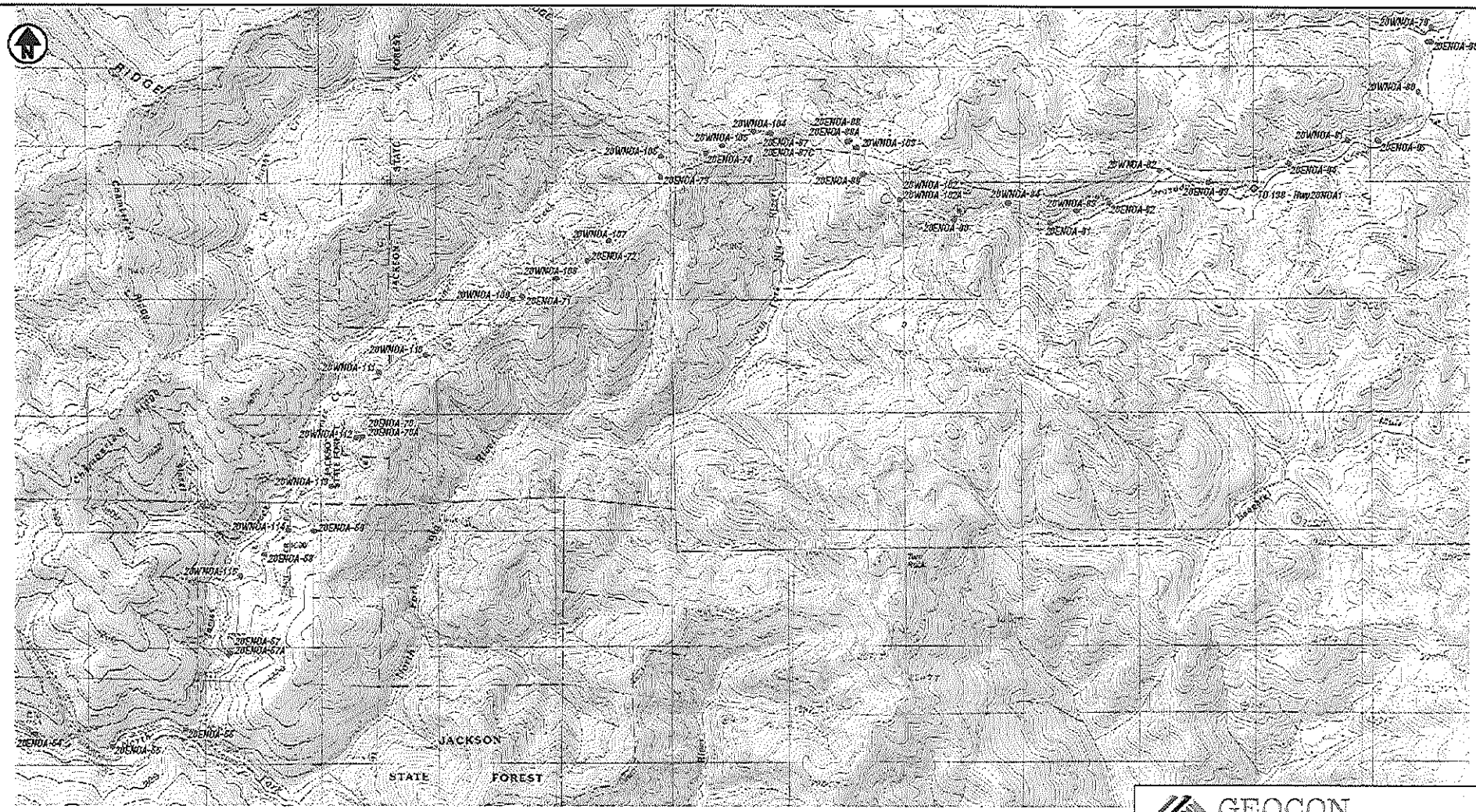
State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 20	
GEOCON Proj. No. 93300-06-93		
Task Order No. 93	January 2010	Figure 3-2



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)
- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

0 1/2 1
Scale in Miles

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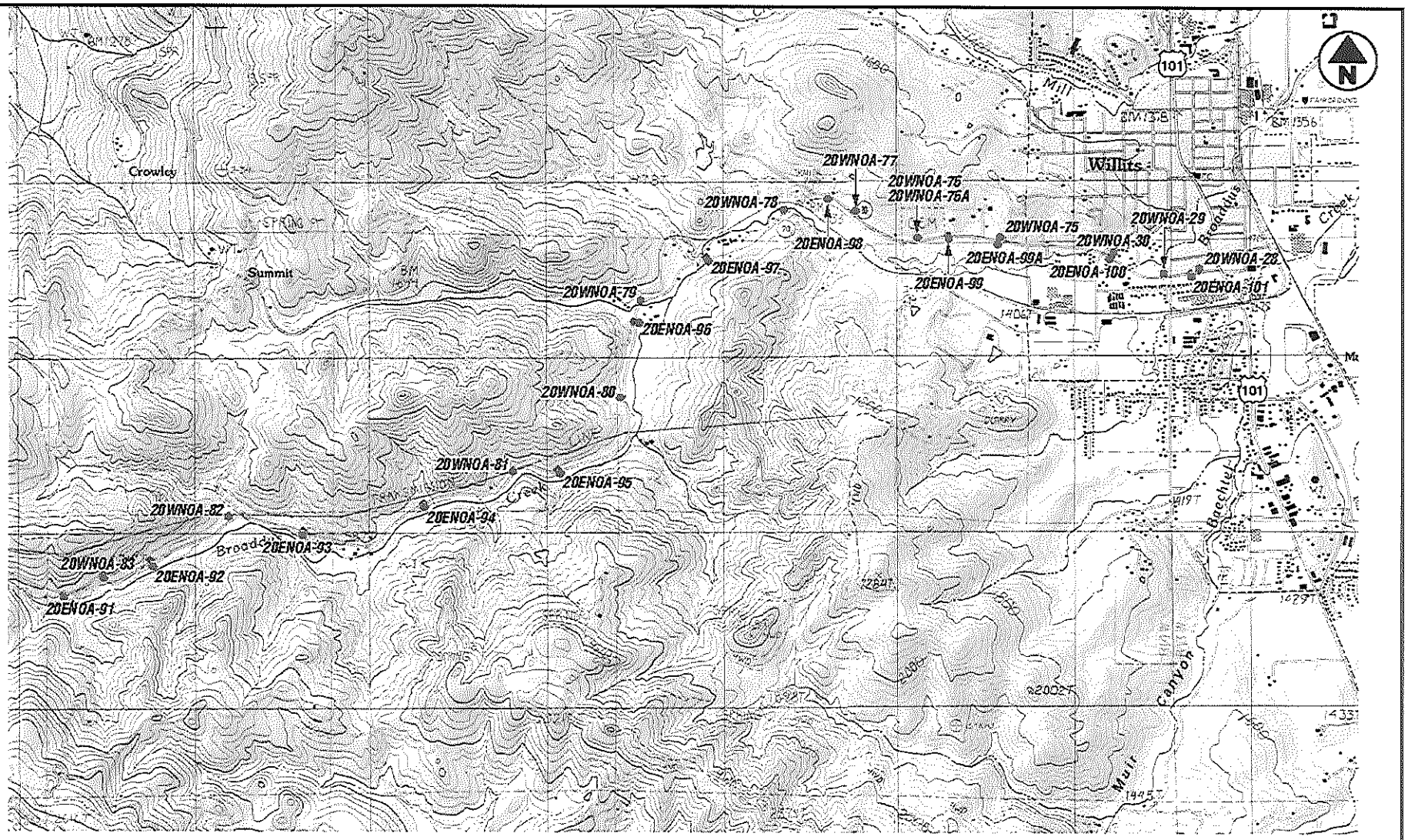
State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 20**
GEOCON Proj. No. S9800-06-93	
Task Order No. 93	January 2010 — Figure 3-3



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

0 1/2 1
Scale in Miles

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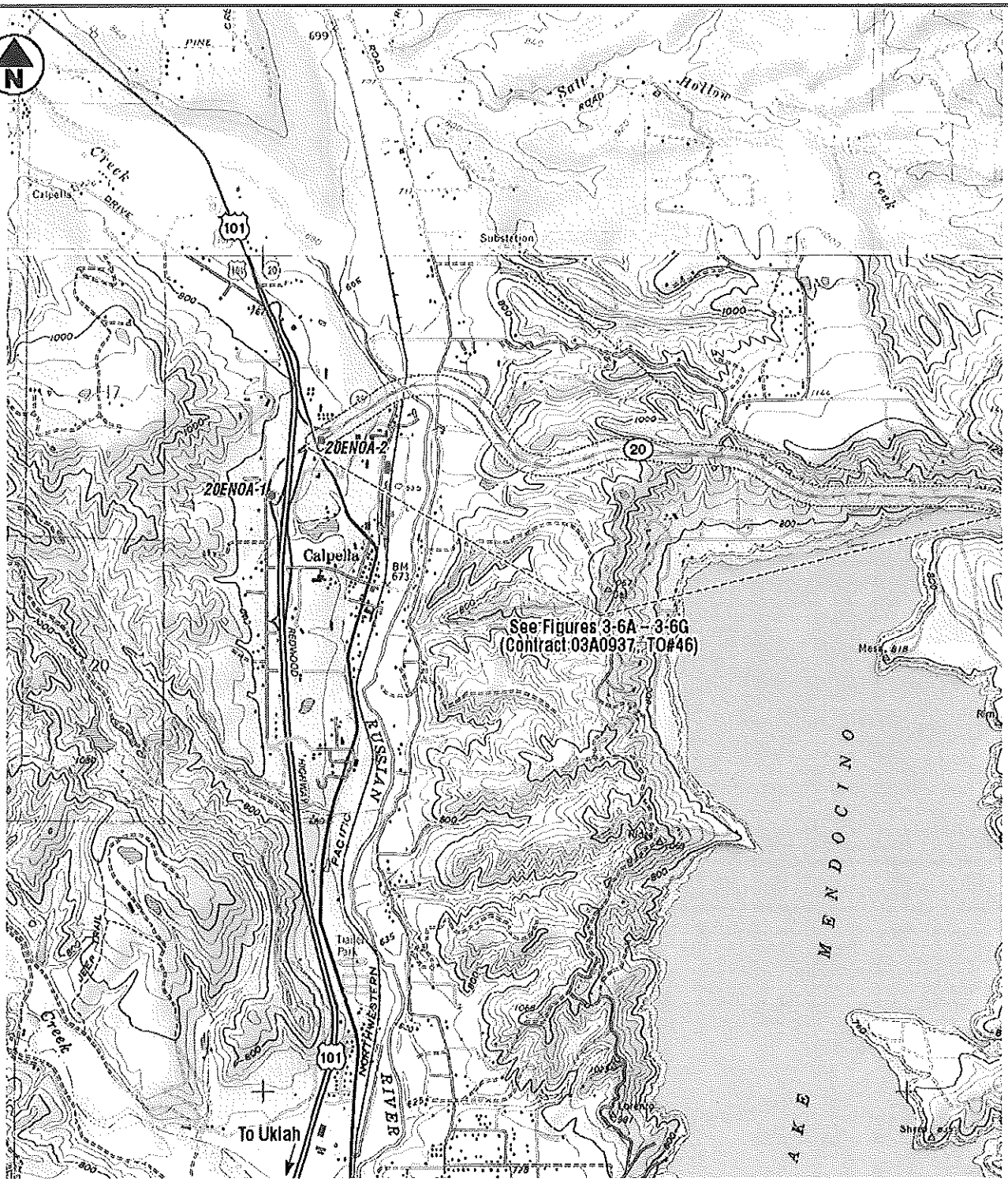
SITE PLAN
MEN 20

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 3-4



LEGEND: ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

---------- Previous NOA Investigation Conducted Under Separate Contract and Task Order

0 1/2 1
Scale in Miles

SITE PLAN MEN 20

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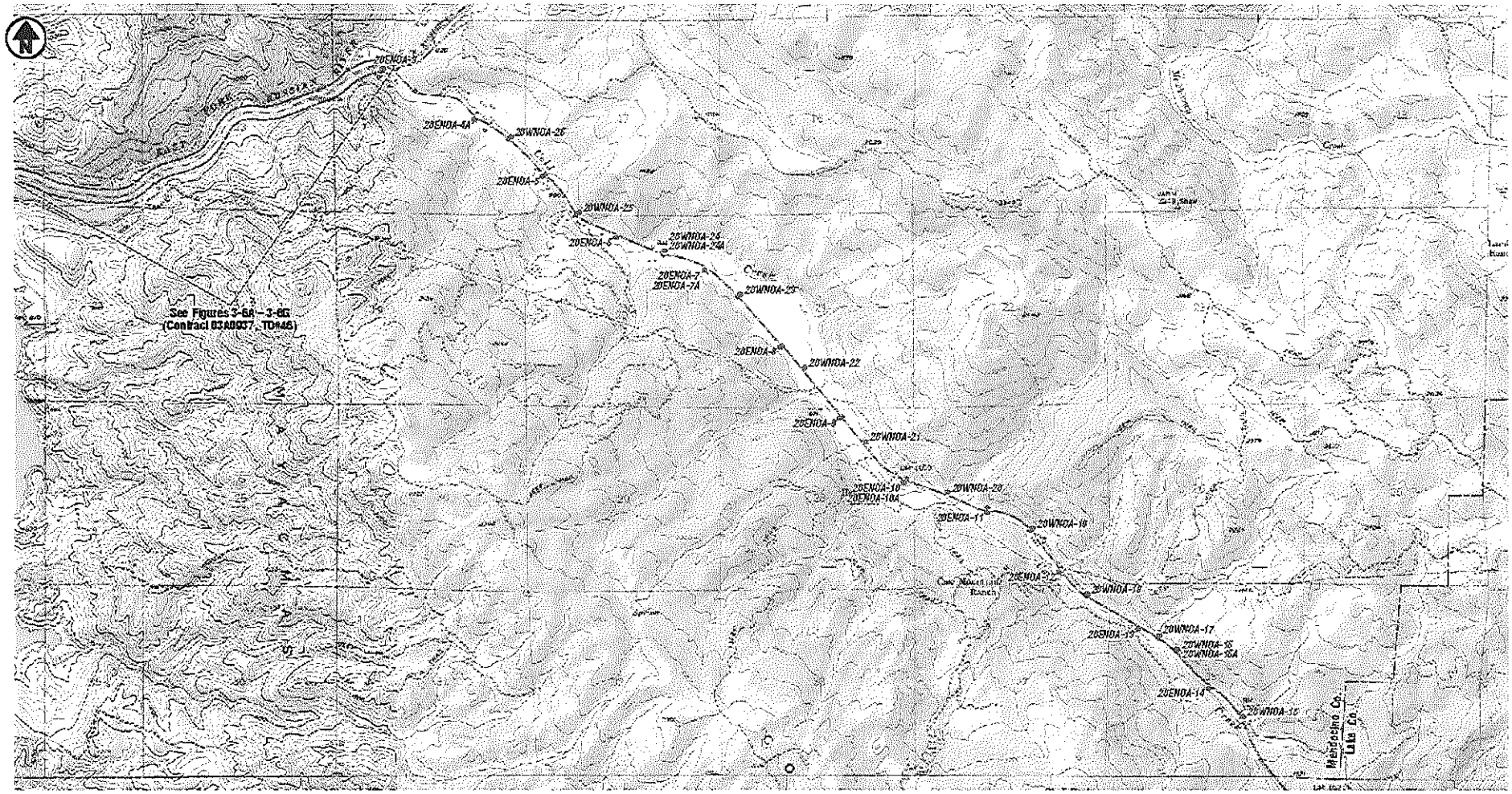
State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 3-5



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)
- Previous NOA Investigation Conducted Under Separate Contract and Task Order

0 1.0 1
Scale in Miles

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State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 20**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 3-6

LEGEND:

HA1 Approximate Aerially Deposited Lead (ADL) Hand-Auger Boring Location (Contract 03A0937, TO#46)

NOA1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#46)

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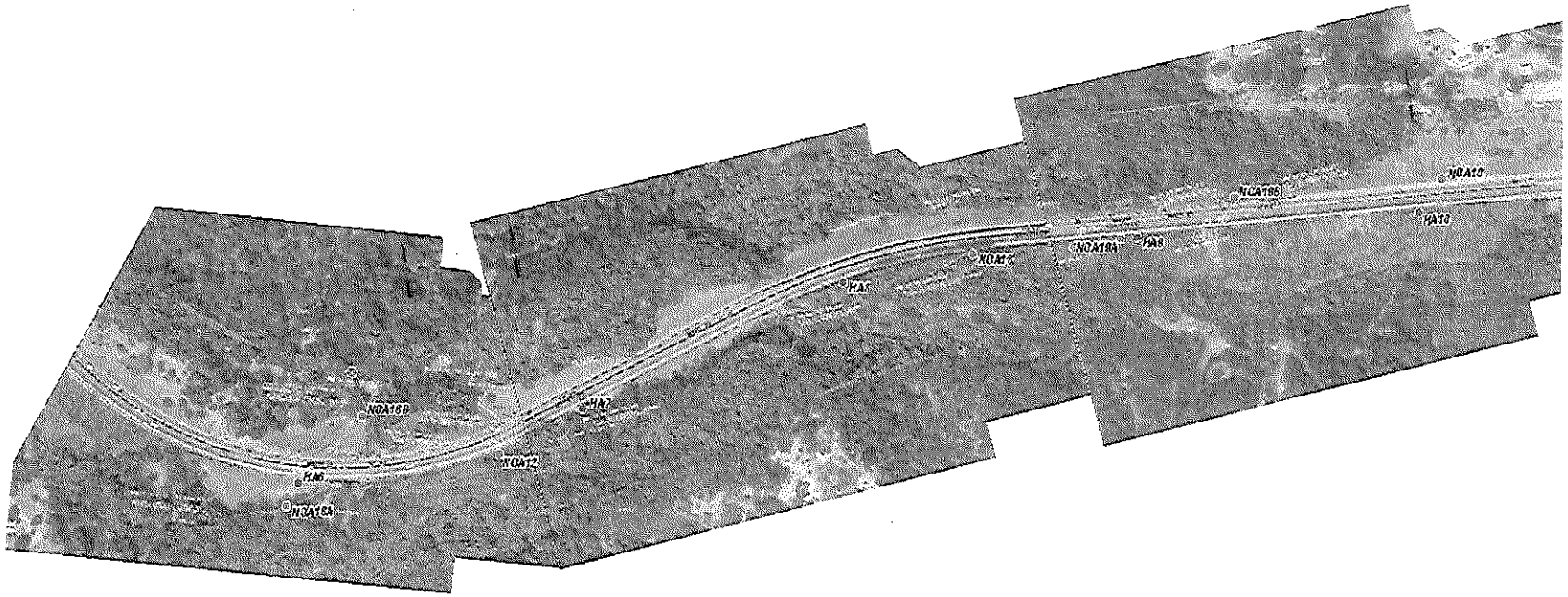
State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 20	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 3-6A



0 50 100m
Scale: 1:3,000

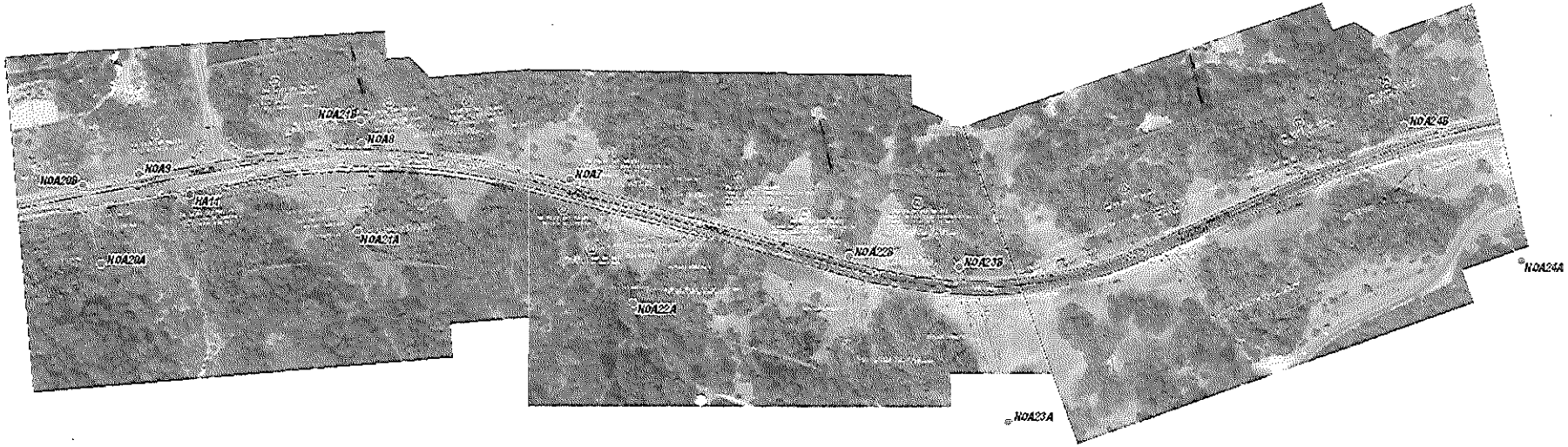
LEGEND:

HA1 Approximate Aerially Deposited Lead (ADL) Hand-Auger Boring Location (Contract 03A0937, TO#46)

NOA1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#46)

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 20	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 3-6B



0 50 100m
Scale: 1:3,000

LEGEND:

HA1 Approximate Aerially Deposited Lead (ADL) Hand-Auger Boring Location (Contract 03A0937, TO#46)

NOA1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#46)

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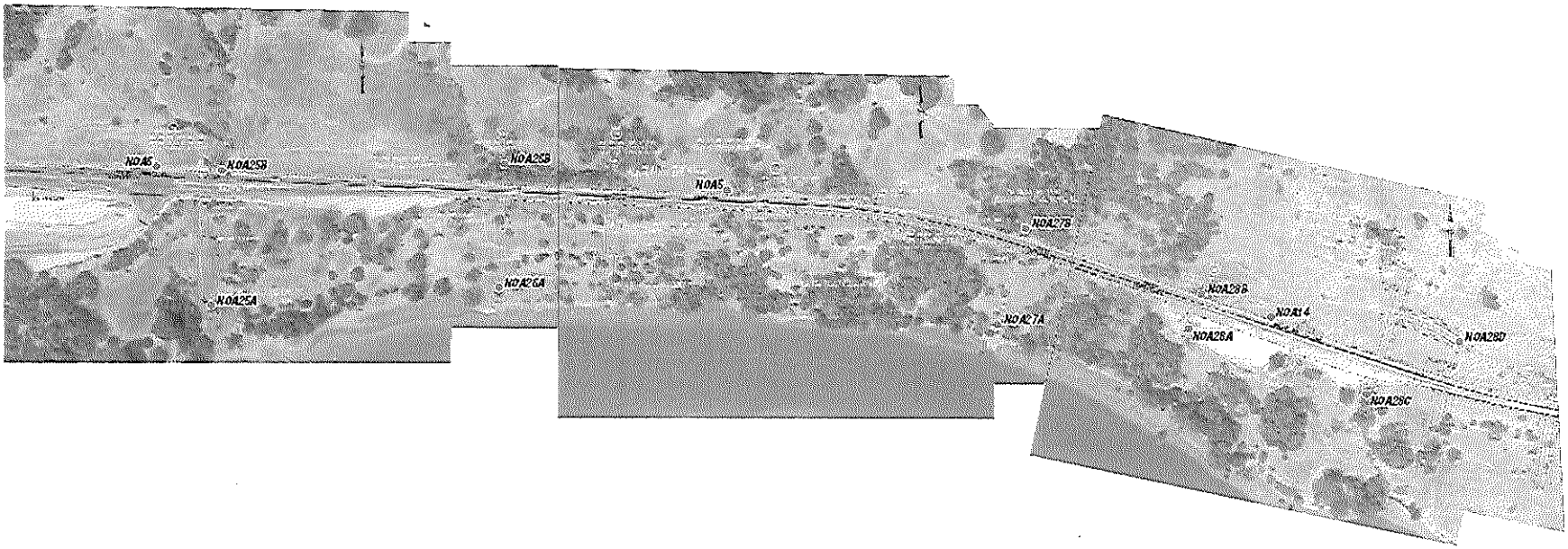
State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

GEOCON Proj. No. S9800-06-93

SITE PLAN
MEN 20

Task Order No. 93 | January 2010 | Figure 3-6C



0 50 100m
Scale: 1:3,000

LEGEND:

NOA1 ⊙ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#46)

GEOCON
CONSULTANTS INC.
5166 GOLD VALLEY DR., SUITE 200 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	**SITE PLAN MEN 20**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 3-6D

0 50 100m
Scale: 1:3,000

LEGEND:

NOA1 ⊙ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#46)

GEOCON
CONSULTANTS INC.
3140 GOLD VALLEY DR., SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	SITE PLAN MEN 20	
GEOCON Proj. No. 99300-06-93		
Task Order No. 93	January 2010	Figure 3-6E

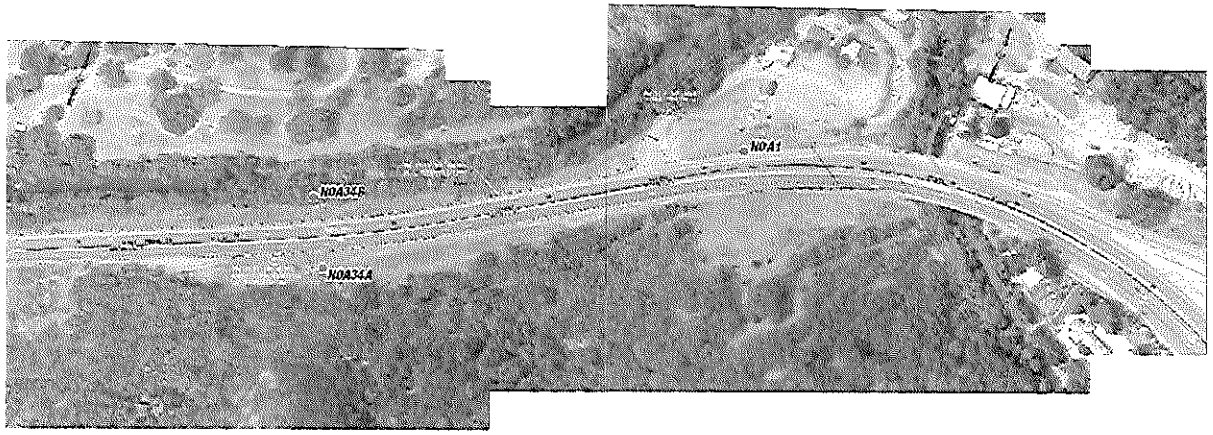
0 50 100m
Scale: 1:3,000

LEGEND:

NOA1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#46)

GEOCON
CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 - FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 20	
GEOCON Proj. No. S9800-06-93		
Task Order No. 93	January 2010	Figure 3-6F



0 50 100m
Scale: 1:3,000

LEGEND:

NOA1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#46)

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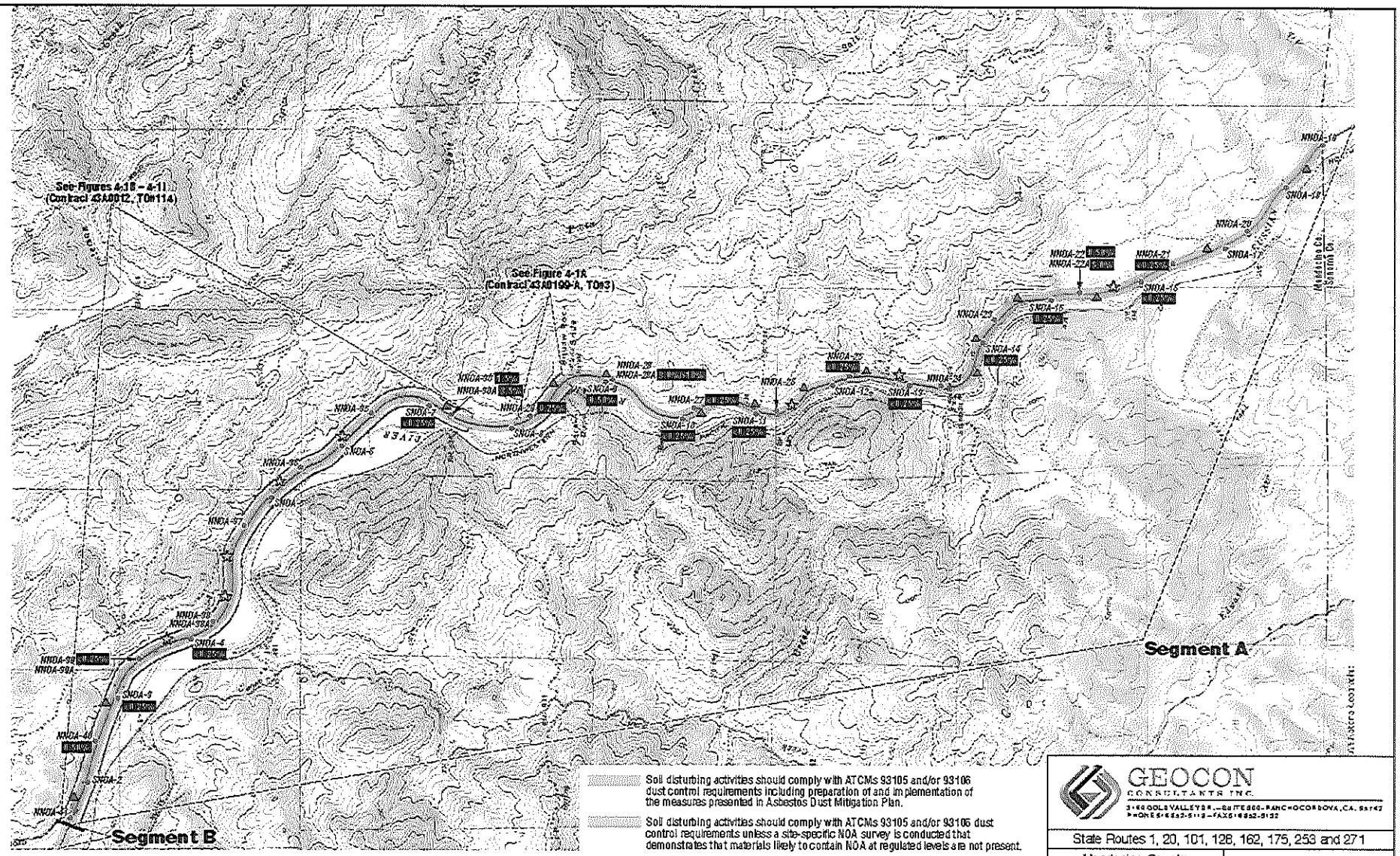
State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 20	
GEOCON Proj. No. 99800-06-93		
Task Order No. 93	January 2010	Figure 3-6G



Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.

LEGEND:

SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

% NOA as PLM/TEM (TEM analysis not performed on all samples)
Note: If no results are shown, asbestos was not reported by lab

Previous NOA Investigation Conducted Under Separate Contract and Task Order

Approximate Location of Serpentine Outcrop

Location of Anticipated Repair

0 1/2 1
Scale in Miles

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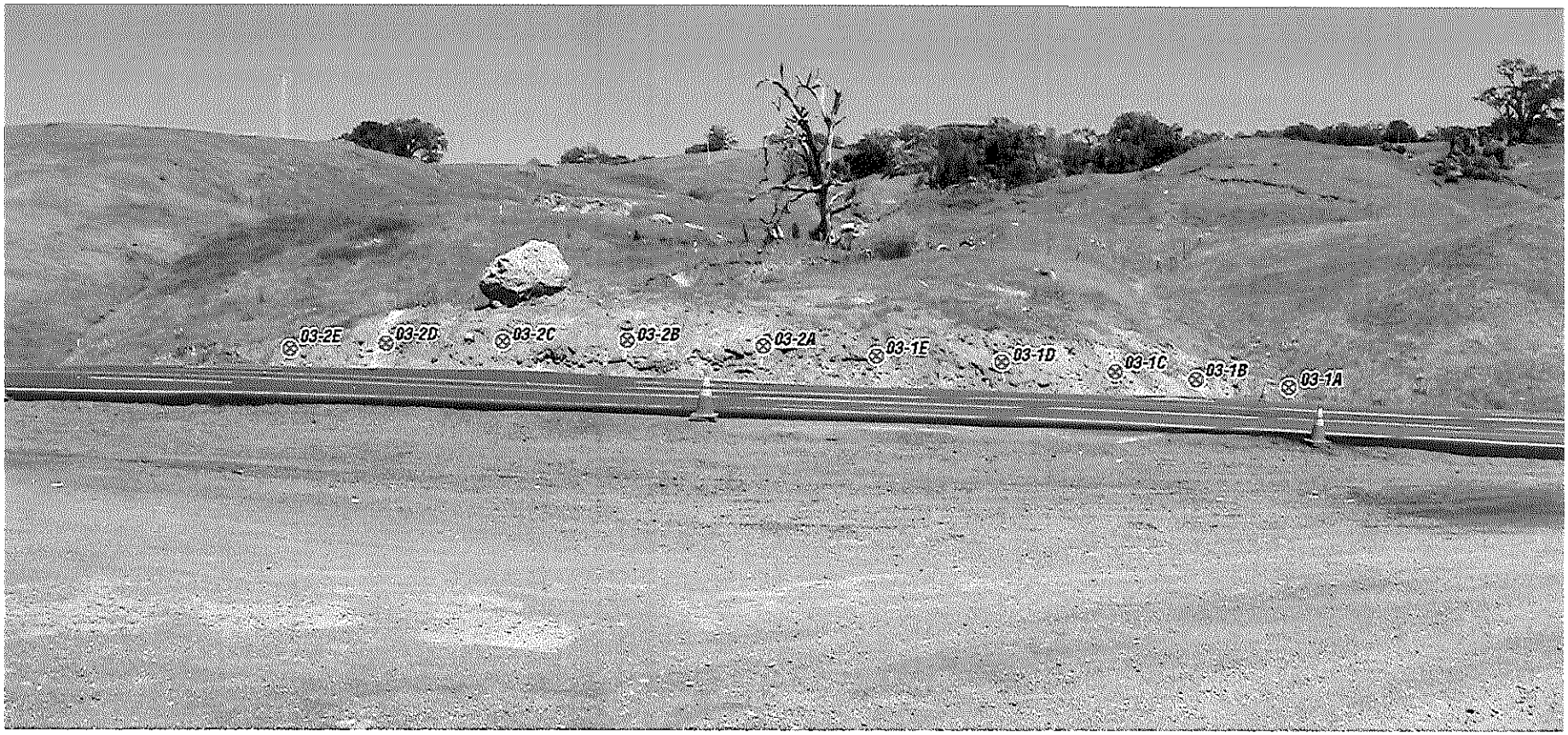
State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 101
GEOCON Proj. No. 99800-06-93	
Task Order No. 93	January 2010 — Figure 4-1



Note: Approximate distance between sample locations is 15 feet

LEGEND:

03-1A ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0199-A, TO#3)

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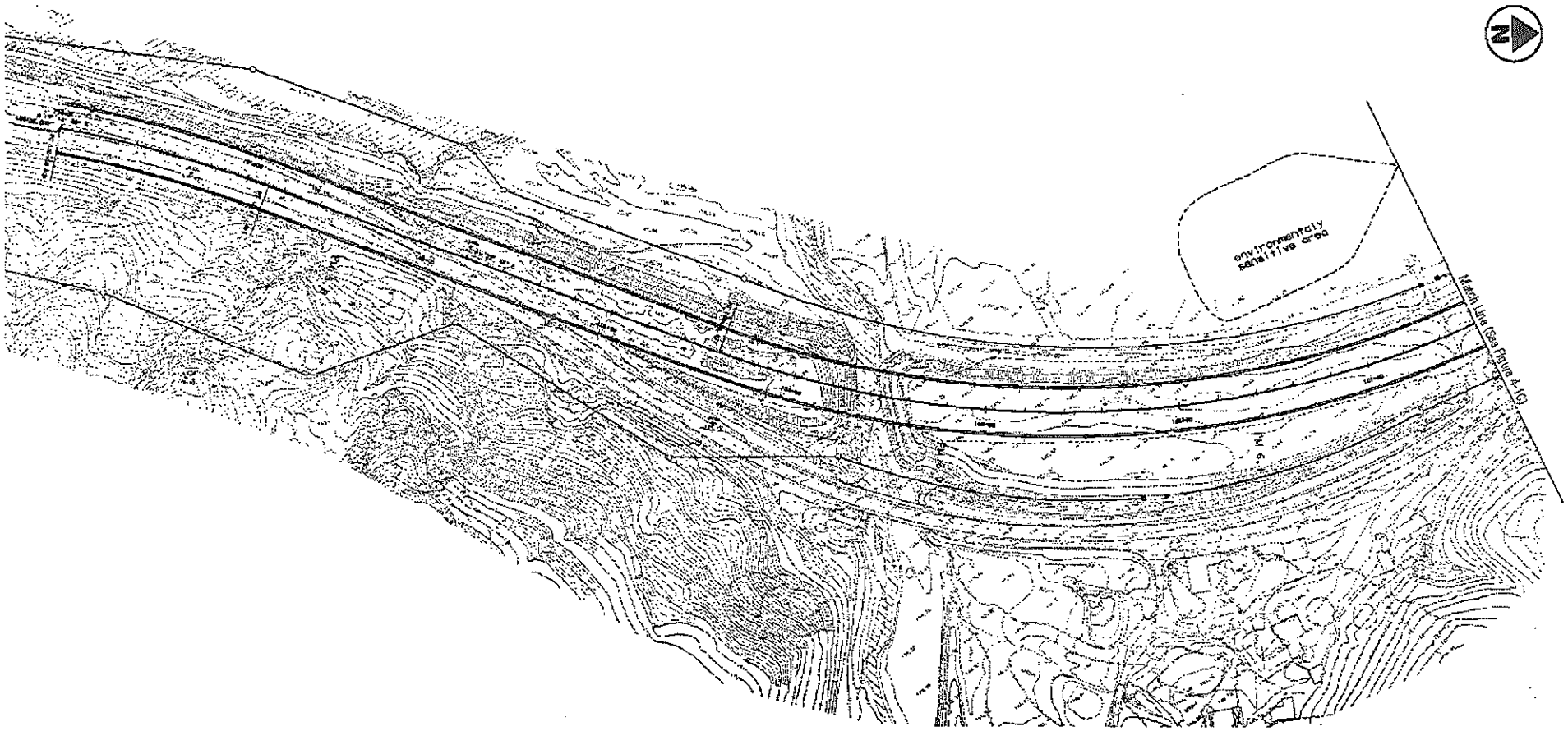
SITE PLAN
MEN 101

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 4-1A



0 20 40m
Scale: 1:2,000

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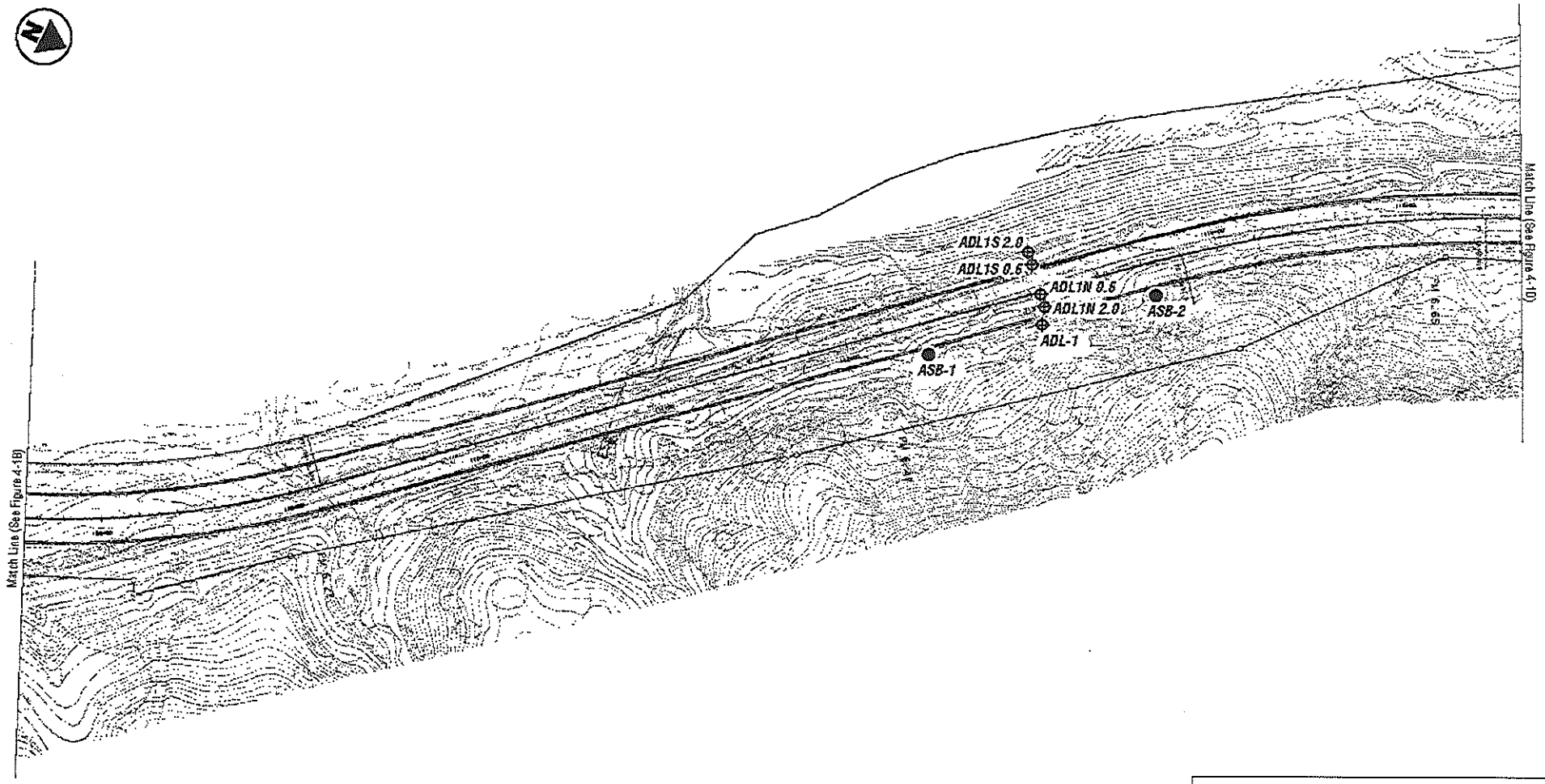
3160 GOLD VALLEY DR., SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 4-18



LEGEND:

ASB-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0012, TO#114)

ADL-1 Approximate Aerially Deposited Lead (ADL) Sample Location (Contract 43A0012, TO#114)

0 20 40m

Scale: 1:2,000

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State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

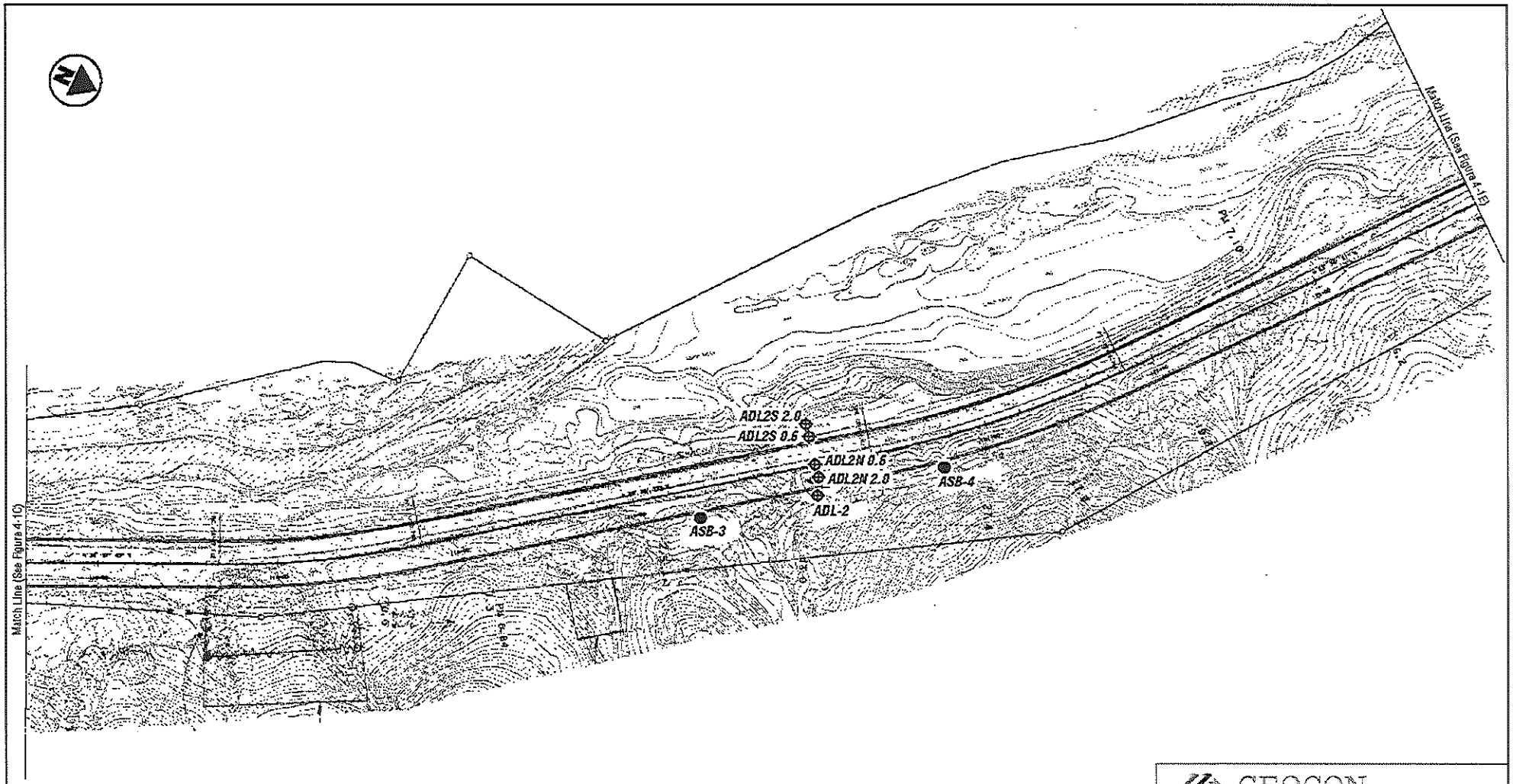
GEOCON Proj. No. S9900-06-93

Task Order No. 93

SITE PLAN MEN 101

January 2010

Figure 4-1C



LEGEND:

ASB-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0012, TO#114)

ADL-1 Approximate Aerially Deposited Lead (ADL) Sample Location (Contract 43A0012, TO#114)

0 20 40m
Scale: 1:2,000

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

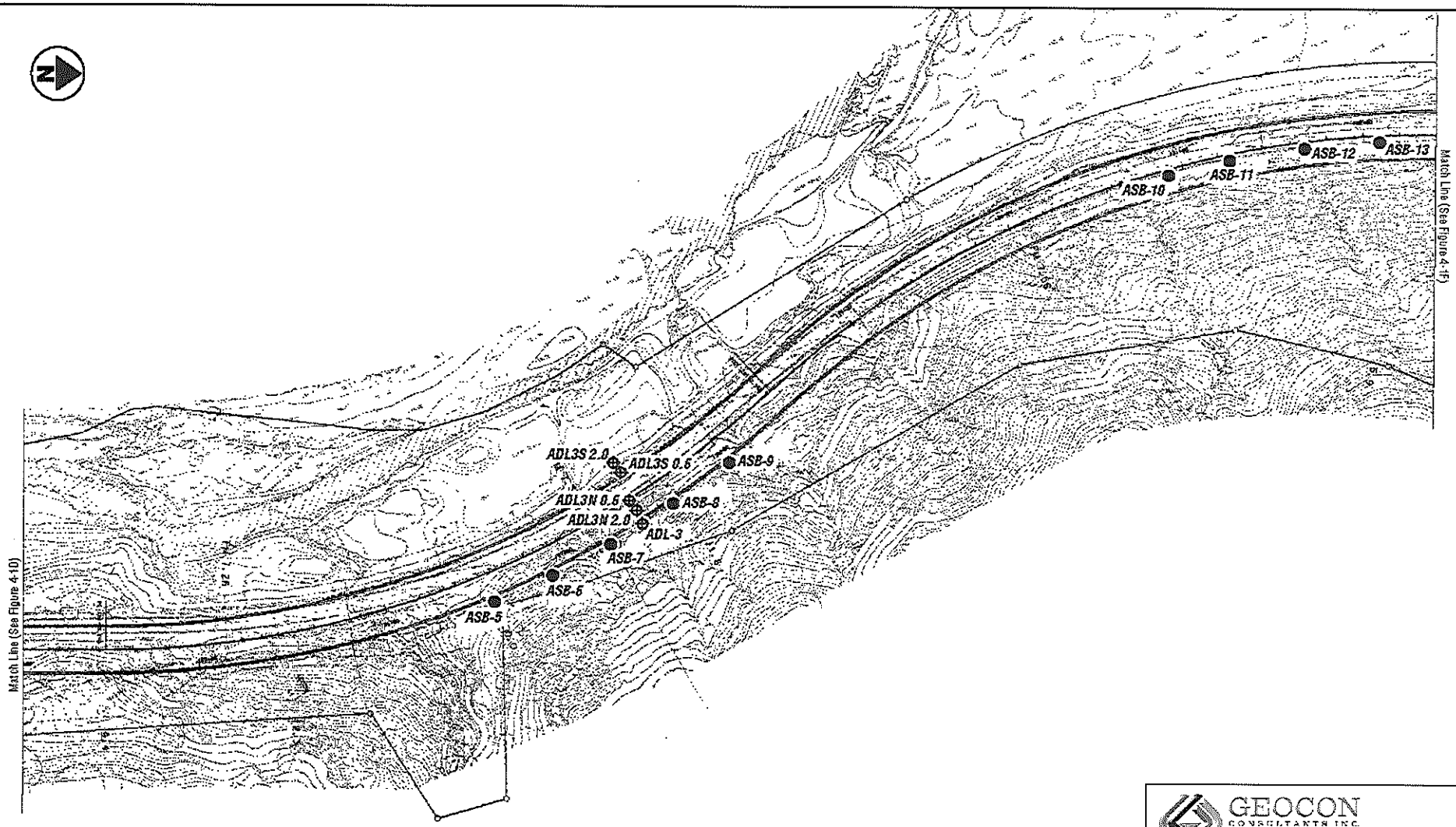
GEOCON Proj. No. S9300-06-93

Task Order No. 93

SITE PLAN MEN 101

January 2010

Figure 4-1D



LEGEND:

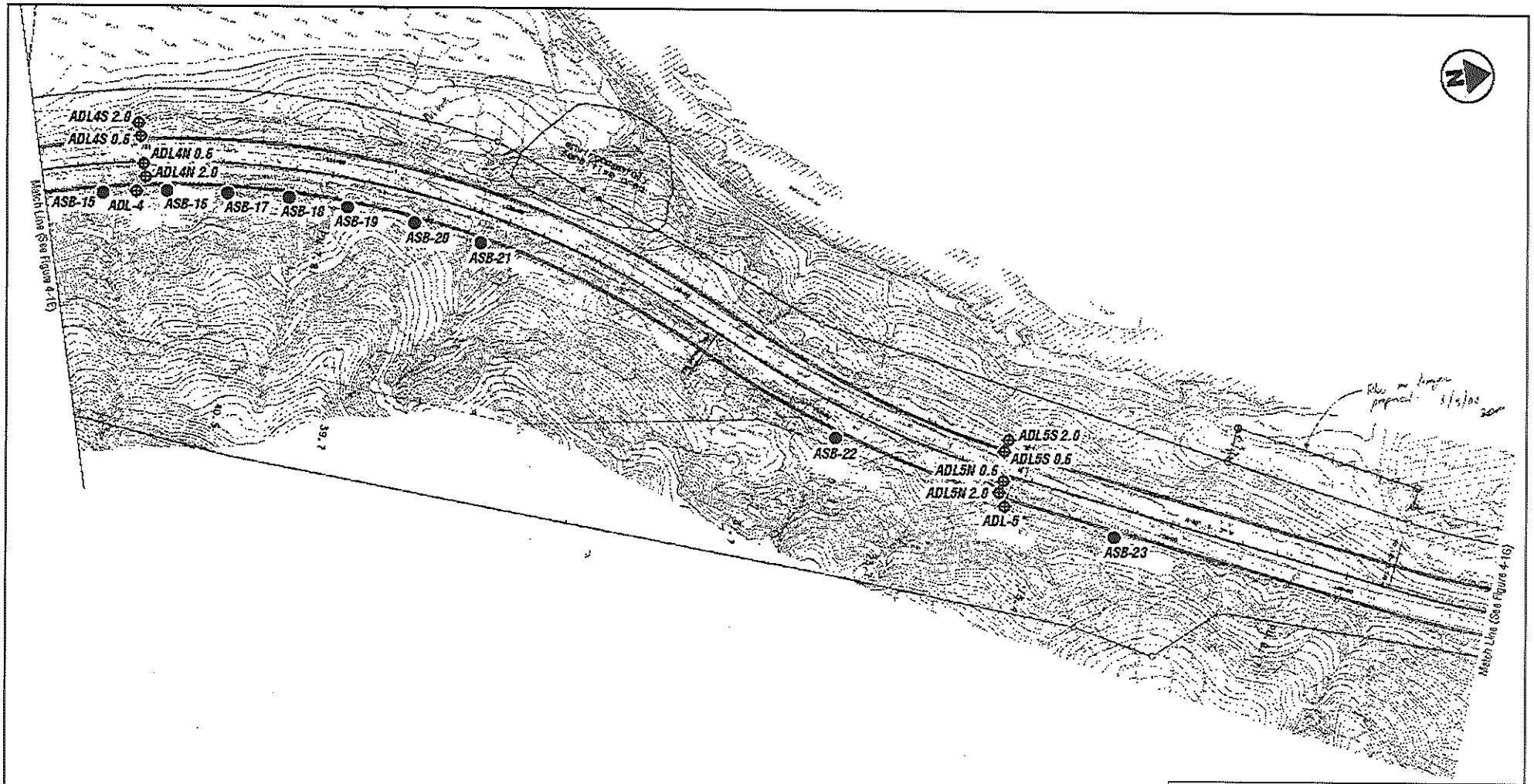
ASB-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0012, TO#114)

ADL-1 Approximate Aerially Deposited Lead (ADL) Sample Location (Contract 43A0012, TO#114)

0 20 40m
Scale: 1:2,000

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. 93800-06-93	
Task Order No. 93	January 2010 — Figure 4-1E



LEGEND:

ASB-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0012, TO#114)

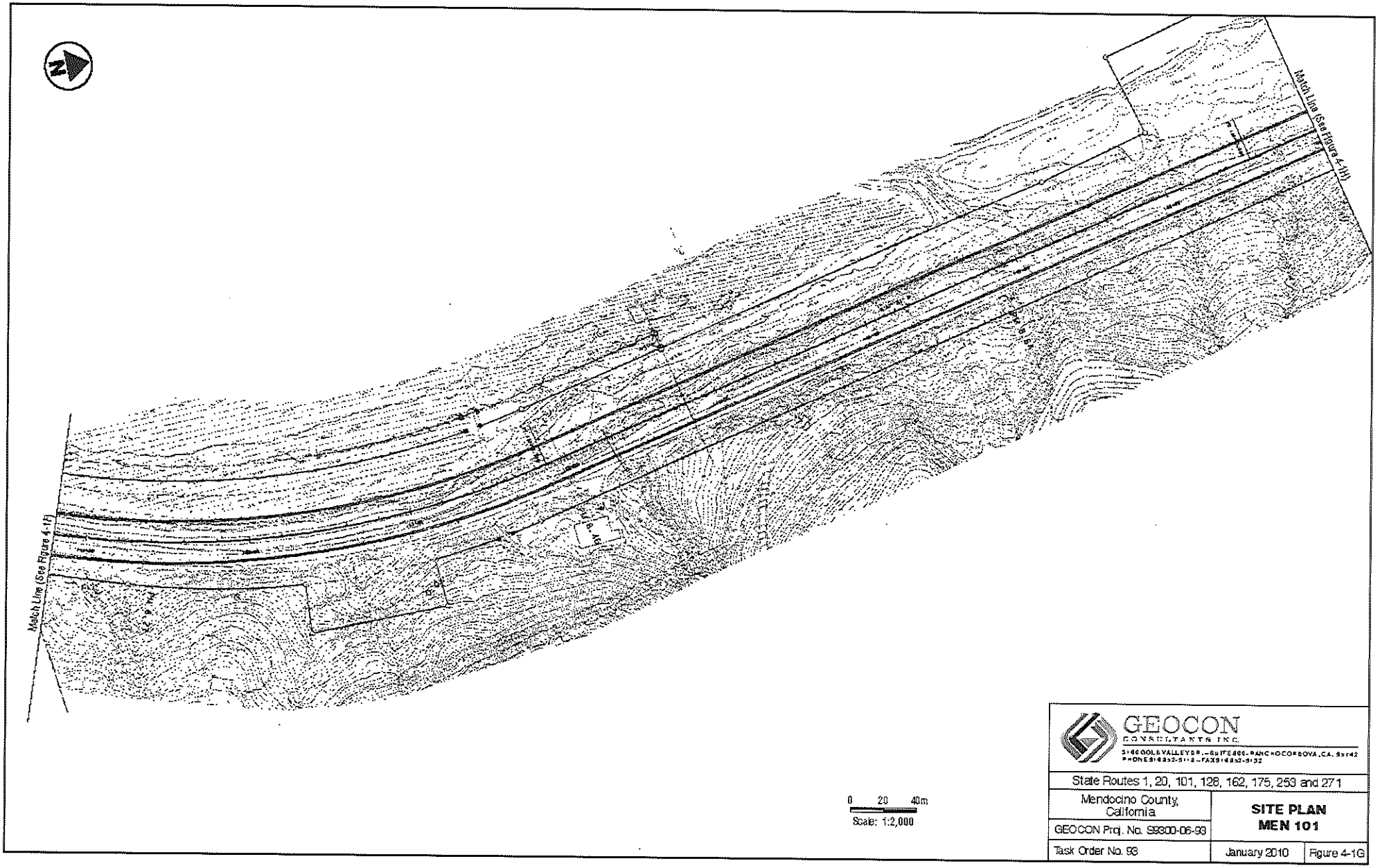
ADL-1 Approximate Aerially Deposited Lead (ADL) Sample Location (Contract 43A0012, TO#114)

0 20 40m

Scale: 1:2,000

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 4-1F



GEOCON CONSULTANTS INC.
5166 GOLD VALLEY DR., SUITE 400, RANCHO CORDOVA, CA. 95742
PHONE 916 852-5118 – FAX 916 852-5132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

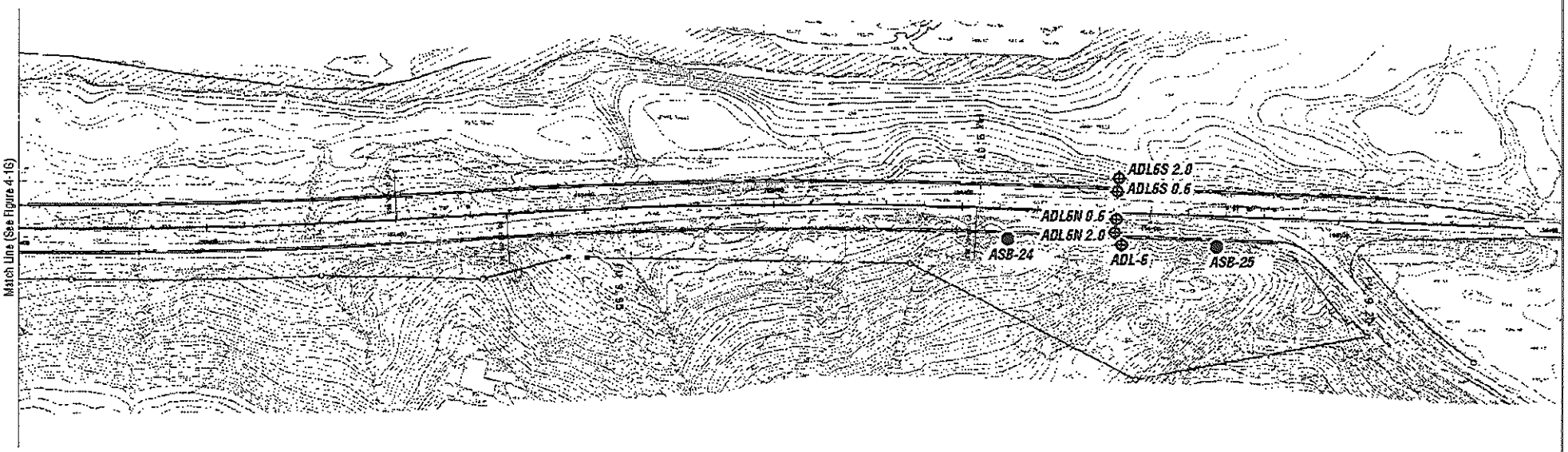
GEOCON Proj. No. 99300-06-93

Task Order No. 93

SITE PLAN
MEN 101

January 2010

Figure 4-1G



LEGEND:

ASB-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0012, TO#114)

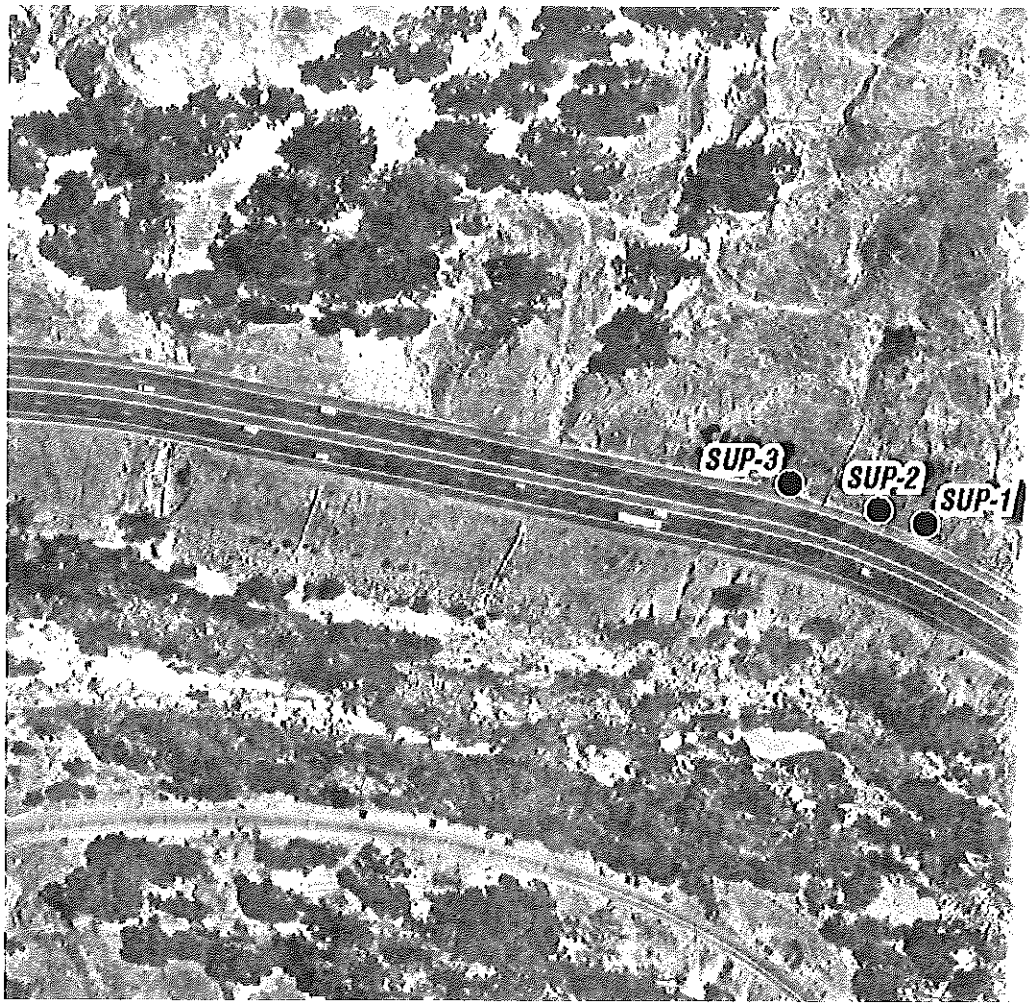
ADL-1 Approximate Aerially Deposited Lead (ADL) Sample Location (Contract 43A0012, TO#114)

0 20 40m

Scale: 1:2,000

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 101
GEOCON Proj. No. 99800-06-99	
Task Order No. 99	January 2010 — Figure 4-1H

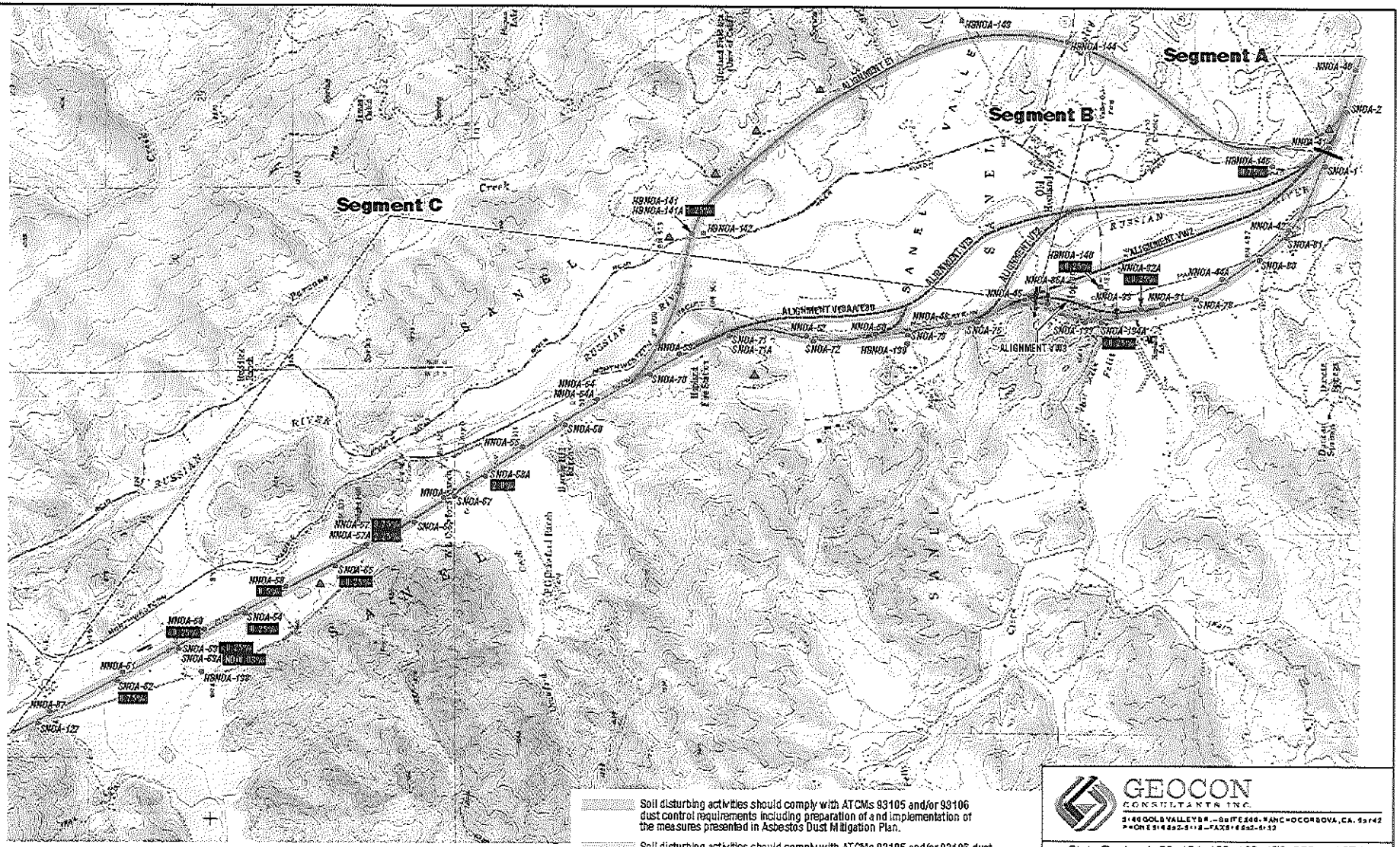


LEGEND:

SUP-1 ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0012, TO#114)

GEOCON
CONSULTANTS, INC
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	**SITE PLAN MEN 101**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 4-11



Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.

LEGEND:

SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

% NOA as PLM/TEM (TEM analysis not performed on all samples)
Note: If no results are shown, asbestos was not reported by lab

ND Not Detected

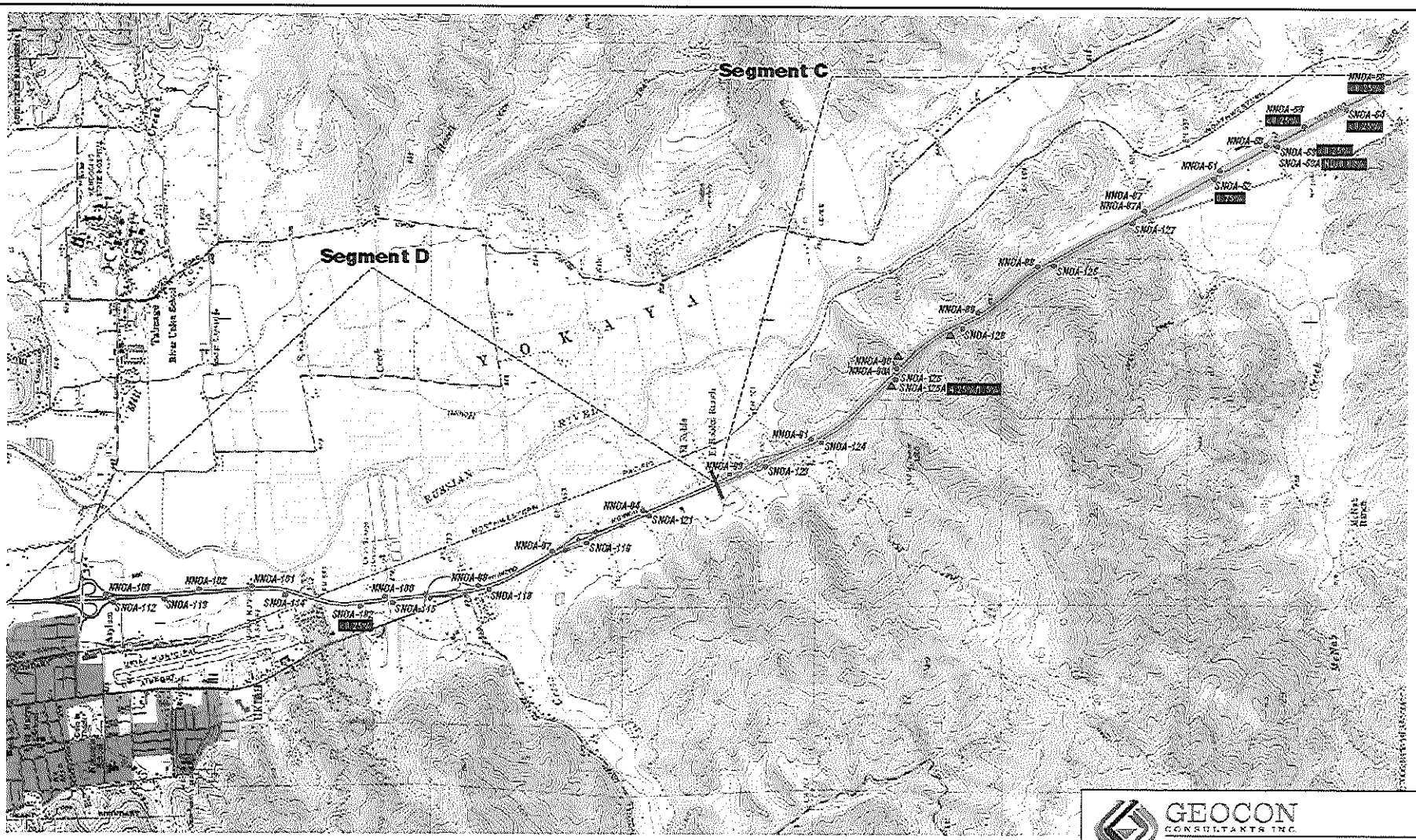
Approximate Location of Serpentine Outcrop

Proposed Alignment of Hopland Bypass

0 1/2 1
Scale in Miles

GEOCON CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 200, RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 101
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 Figure 4-2



LEGEND: SNOA-⅛ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

0.25%-1.0% % NOA as PLM/TEM (TEM analysis not performed on all samples) Note: If no results are shown, asbestos was not reported by lab

ND NOA Not Detected

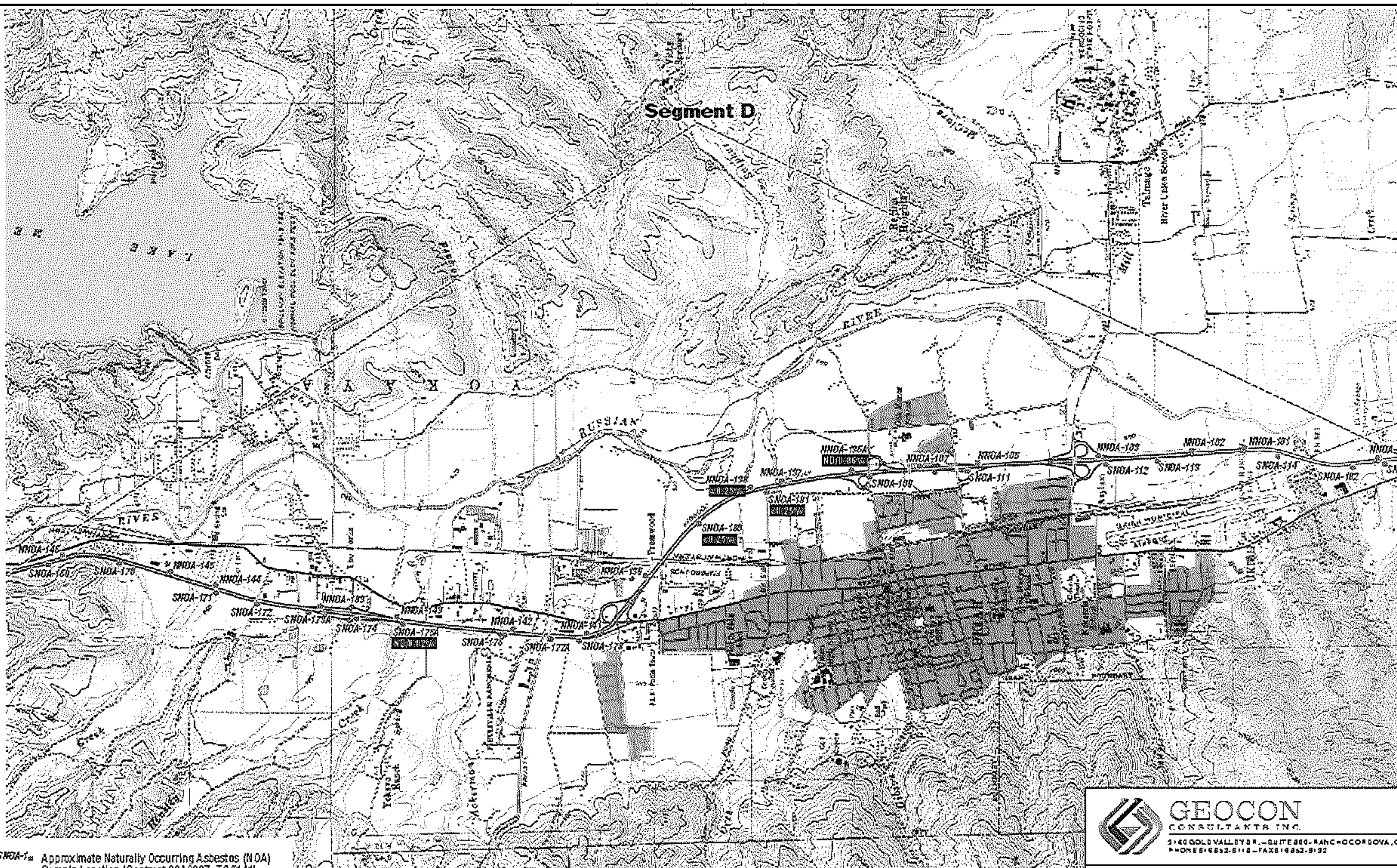
▲ Approximate Location of Serpentine Outcrop

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.

0 1.2 1
Scale in Miles

GEOCON
CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 800, RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 101
GEOCON Proj. No. 99300-06-93	
Task Order No. 98	January 2010 — Figure 4-3



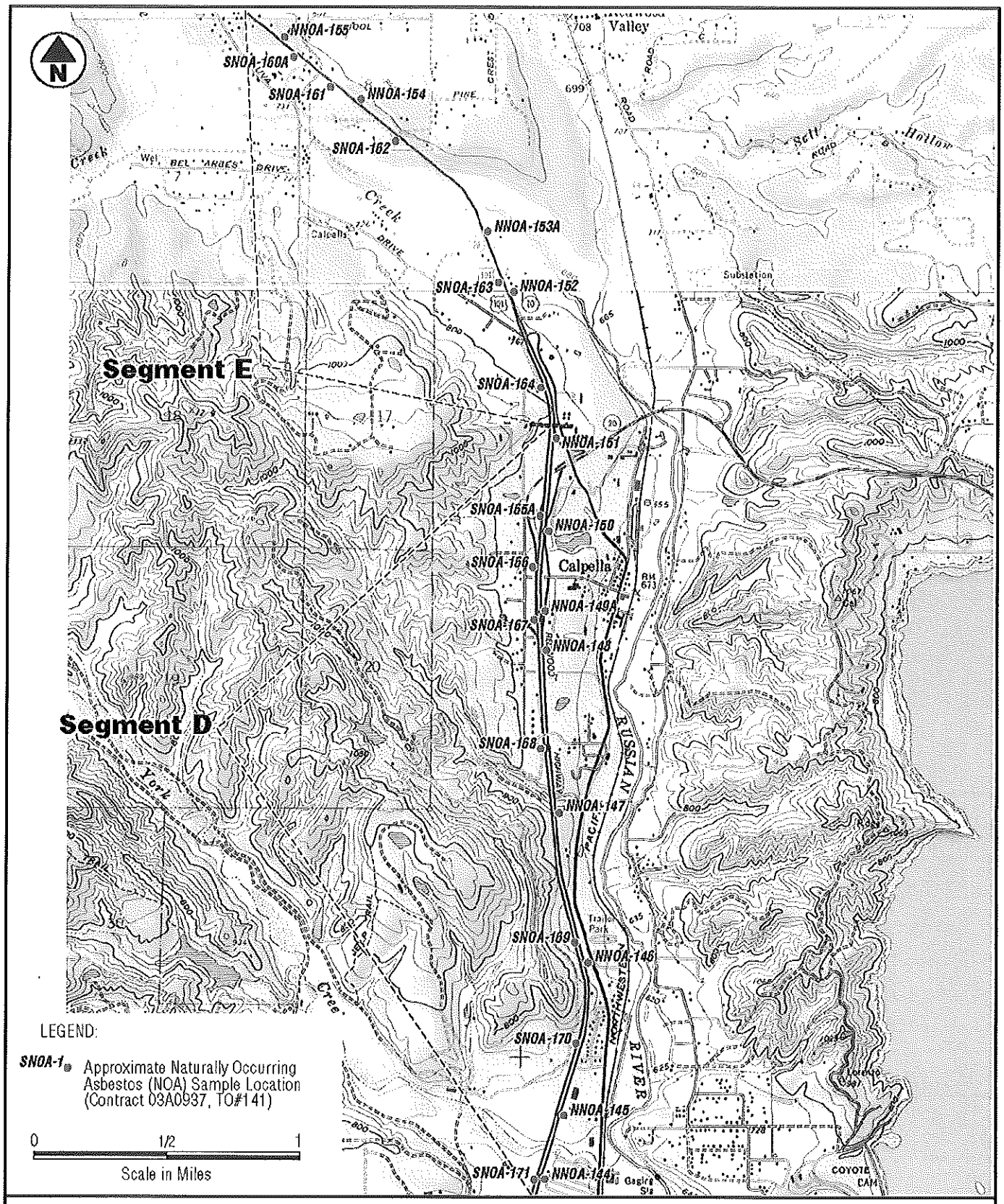
LEGEND: SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

% NOA as PLM/TEM (TEM analysis not performed on all samples)
Note: If no results are shown, asbestos was not reported by lab

ND NOA Not Detected

▲ Approximate Location of Serpentine Outcrop

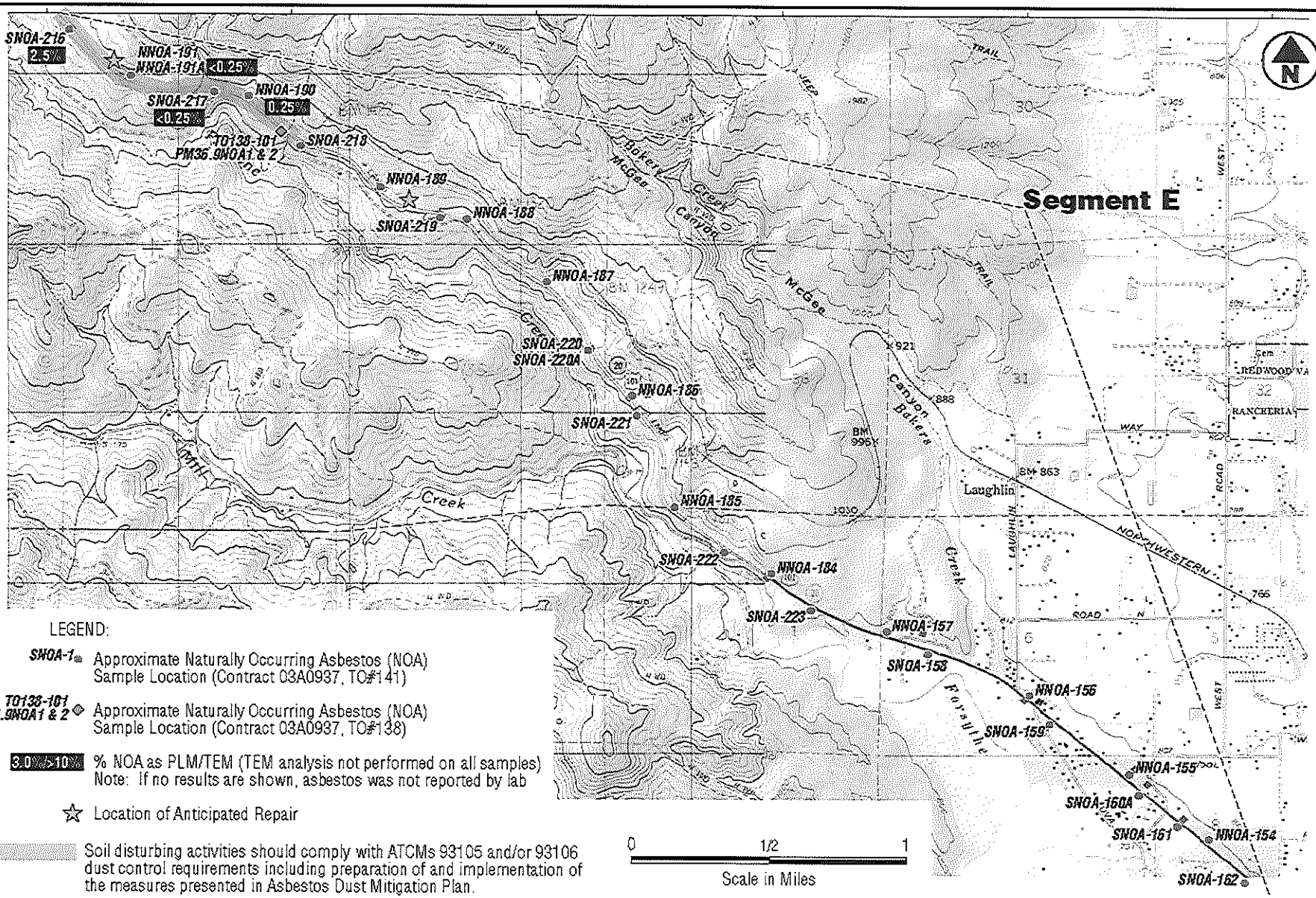
GEOCON CONSULTANTS INC. 3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742 PHONE 916.852.9118 - FAX 916.852.9132	
State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 4-4



SITE PLAN MEN 101

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 4-5



LEGEND:

SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

TO138-101 PM36.9NOA1 & 2 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

3.0%/>10% % NOA as PLM/TEM (TEM analysis not performed on all samples) Note: If no results are shown, asbestos was not reported by lab

Location of Anticipated Repair

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

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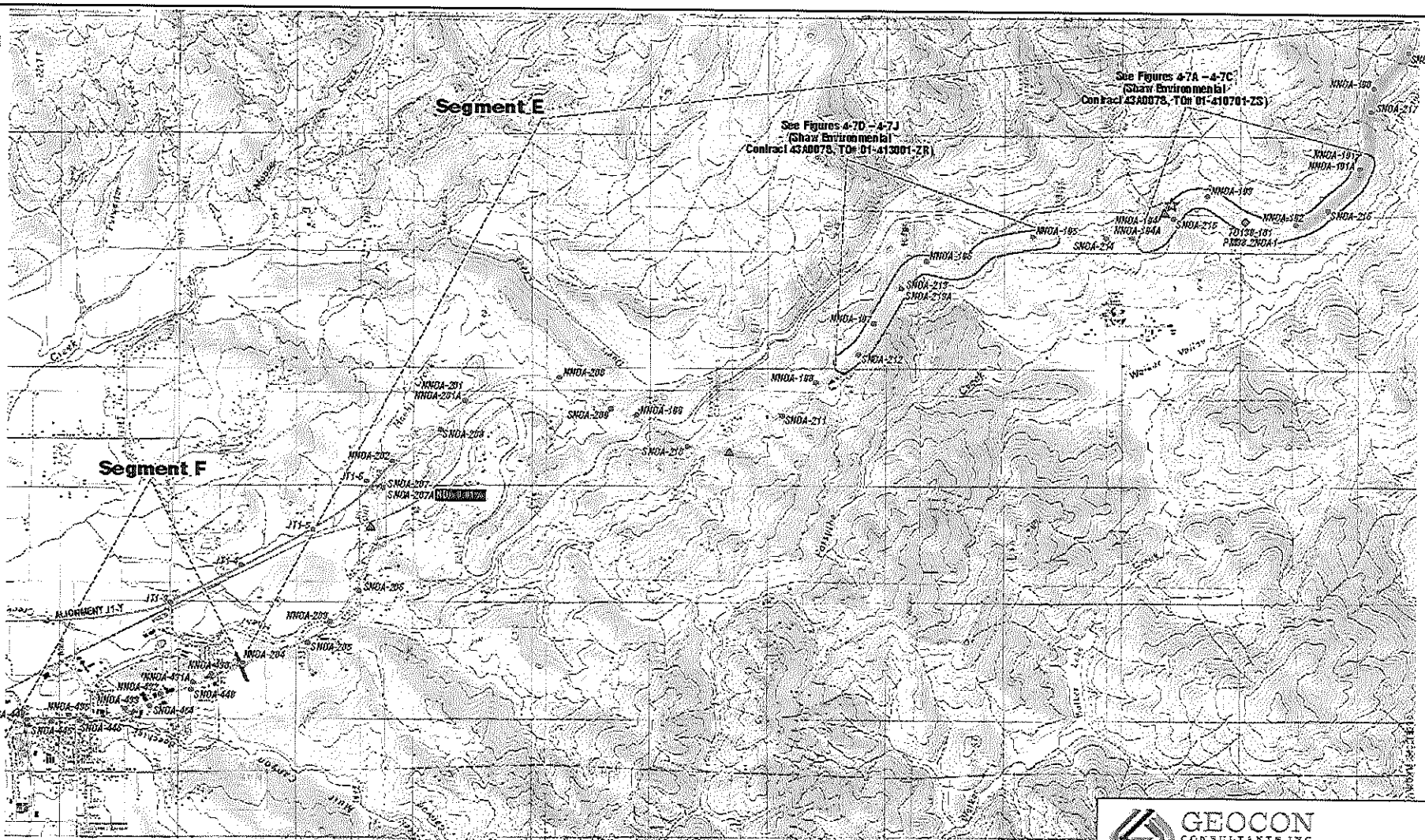
MEN 101

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 4-6



LEGEND:

- SNOA-1 — Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)
- TO139-181 PM99-2NOA1 — Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#139)
- % NOA as PLM/TEM (TEM analysis not performed on all samples) Note: If no results are shown, asbestos was not reported by lab
- ND — NOA Not Detected
- Previous NOA Investigation Conducted Under Separate Contract and Task Order
- Approximate Location of Serpentine Outcrop
- Location of Anticipated Repair
- Proposed Alignment of Willits Bypass
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

0 1/2 1
Scale in Miles

GEOCON CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 800, RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 – FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

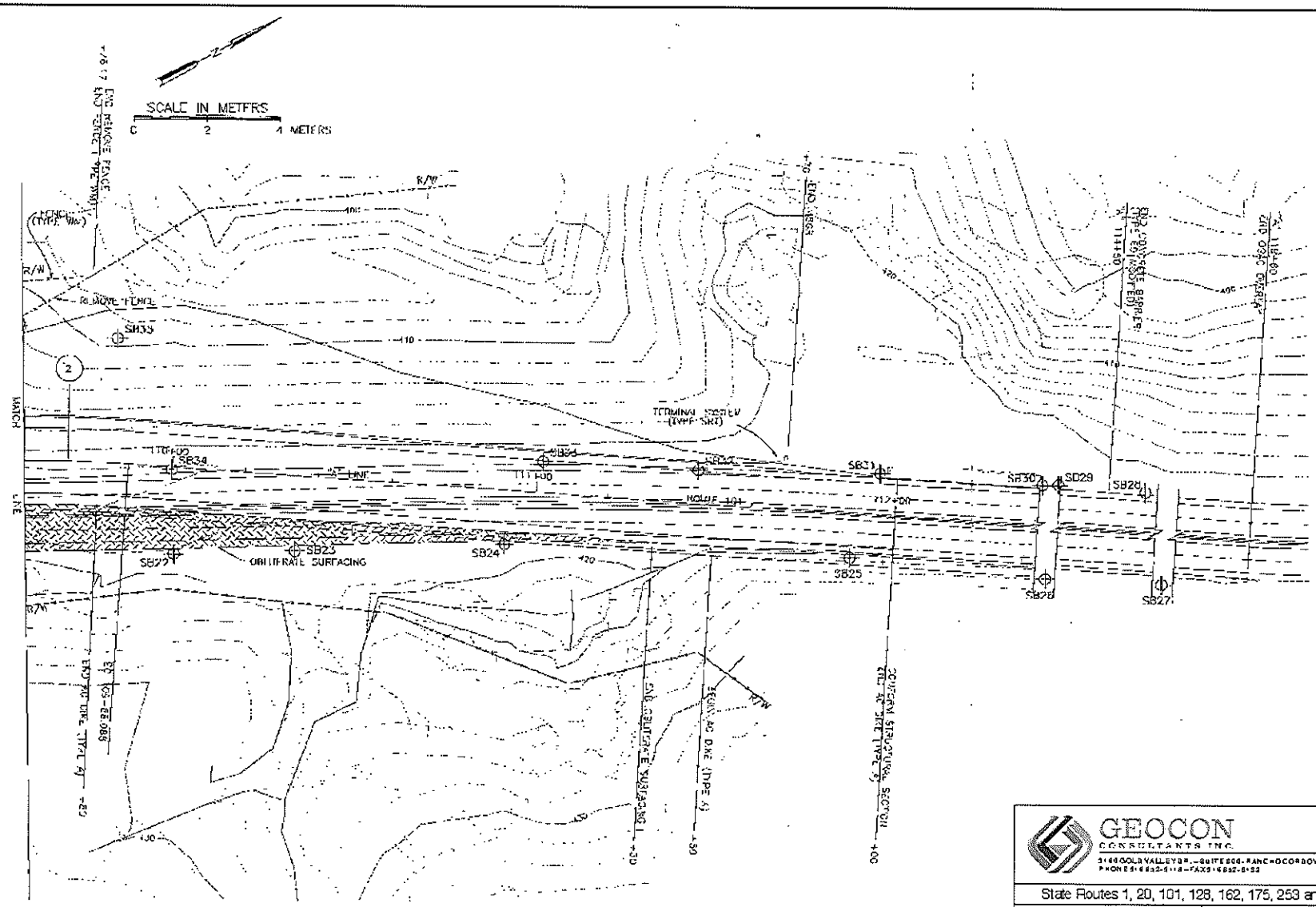
GEOCON Proj. No. 99300-06-93

Task Order No. 93

SITE PLAN MEN 101

January 2010

Figure 4-7



LEGEND:

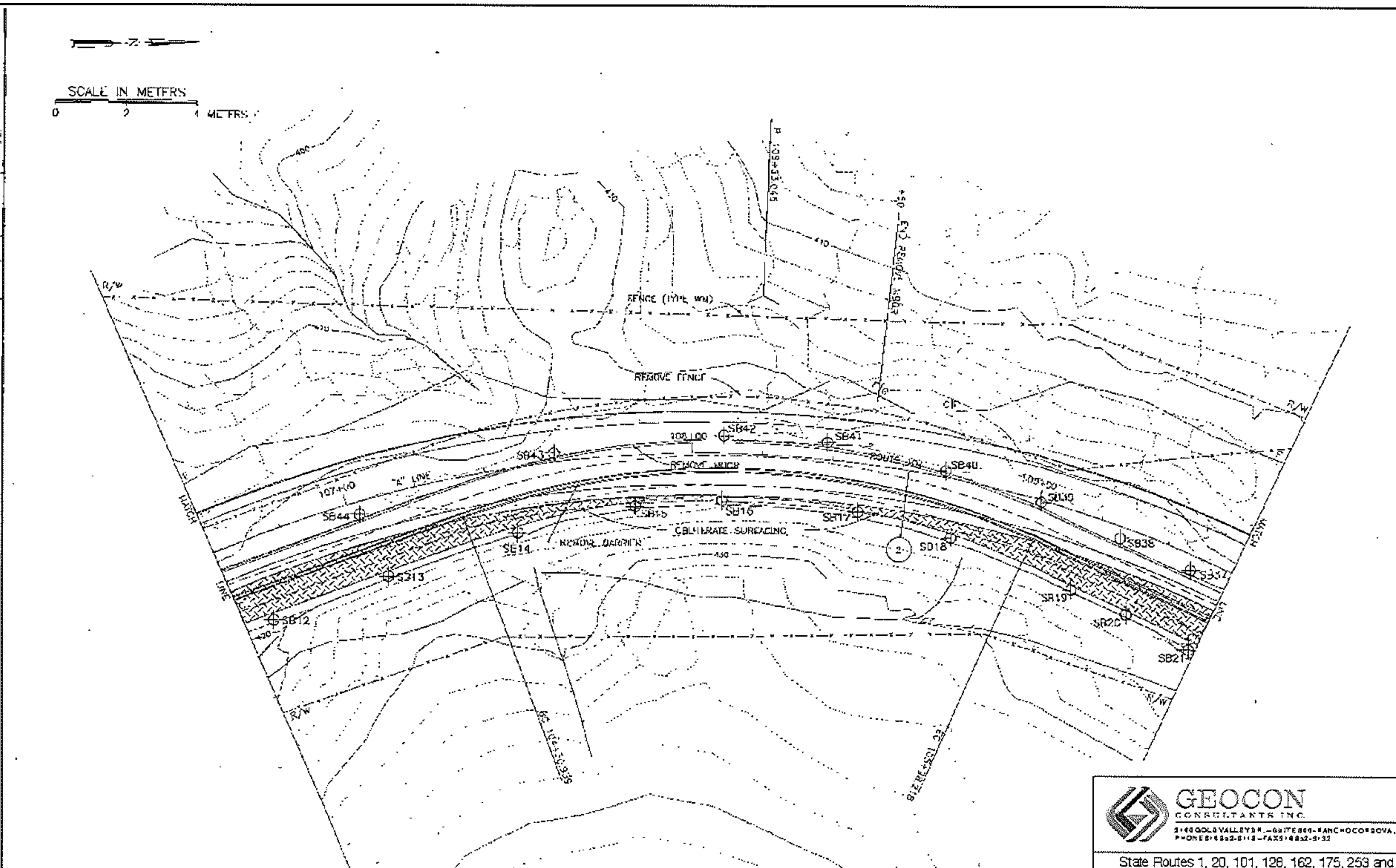
Approximate Sample Location (Shaw Contract 43A0078, TO#01-410701-ZS)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

3160 GOLD VALLEY DR., SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916-852-9118 - FAX 916-852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	**SITE PLAN MEN 101**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 4-7A

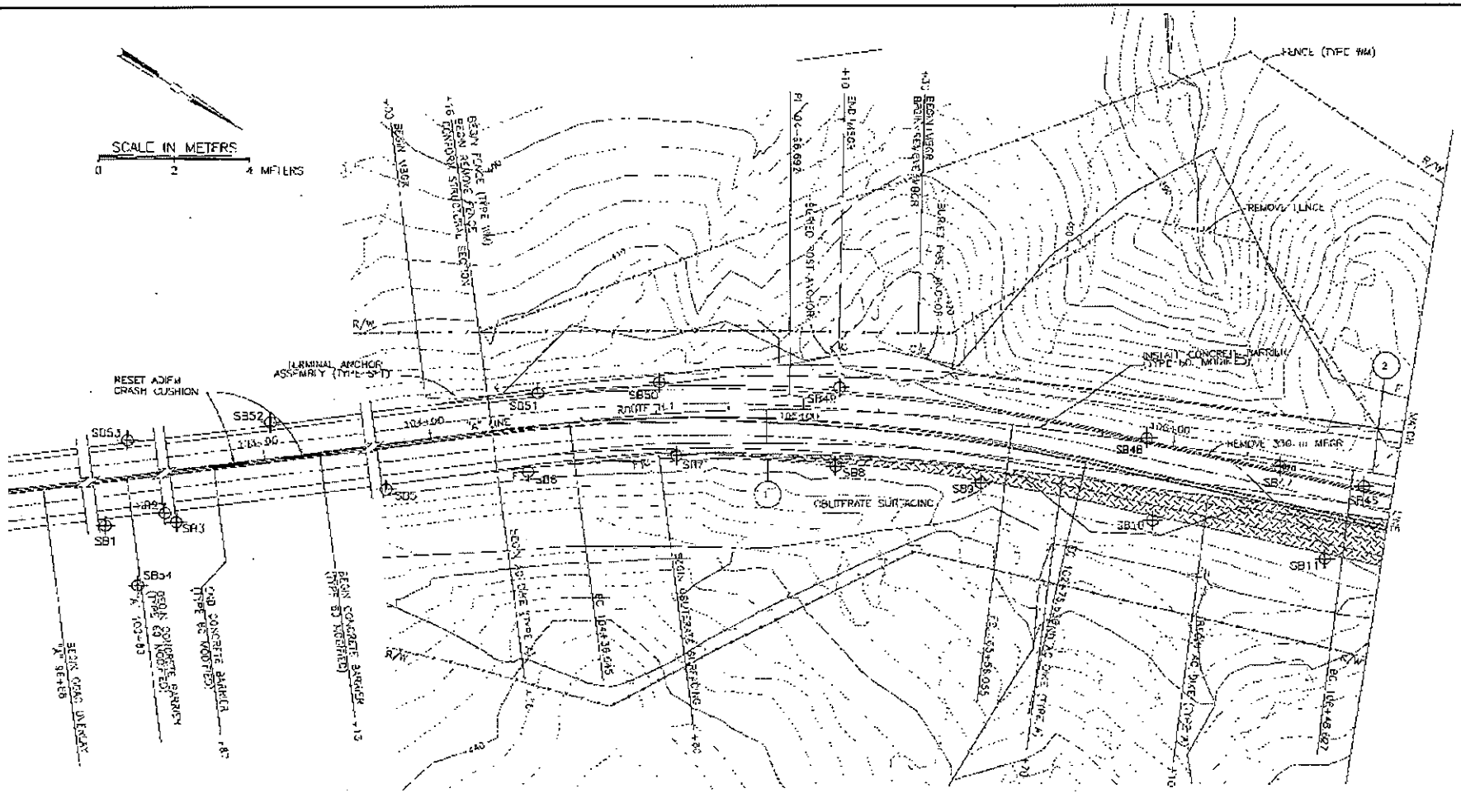


LEGEND:

⊕ Approximate Sample Location (Shaw Contract 43A0078, TO#01-410701-ZS)

* NOT TO SCALE

GEOCON CONSULTANTS INC.	
State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 Figure 4-7B



LEGEND:

Approximate Sample Location (Shaw Contract 43A0078, TO#01-410701-ZS)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

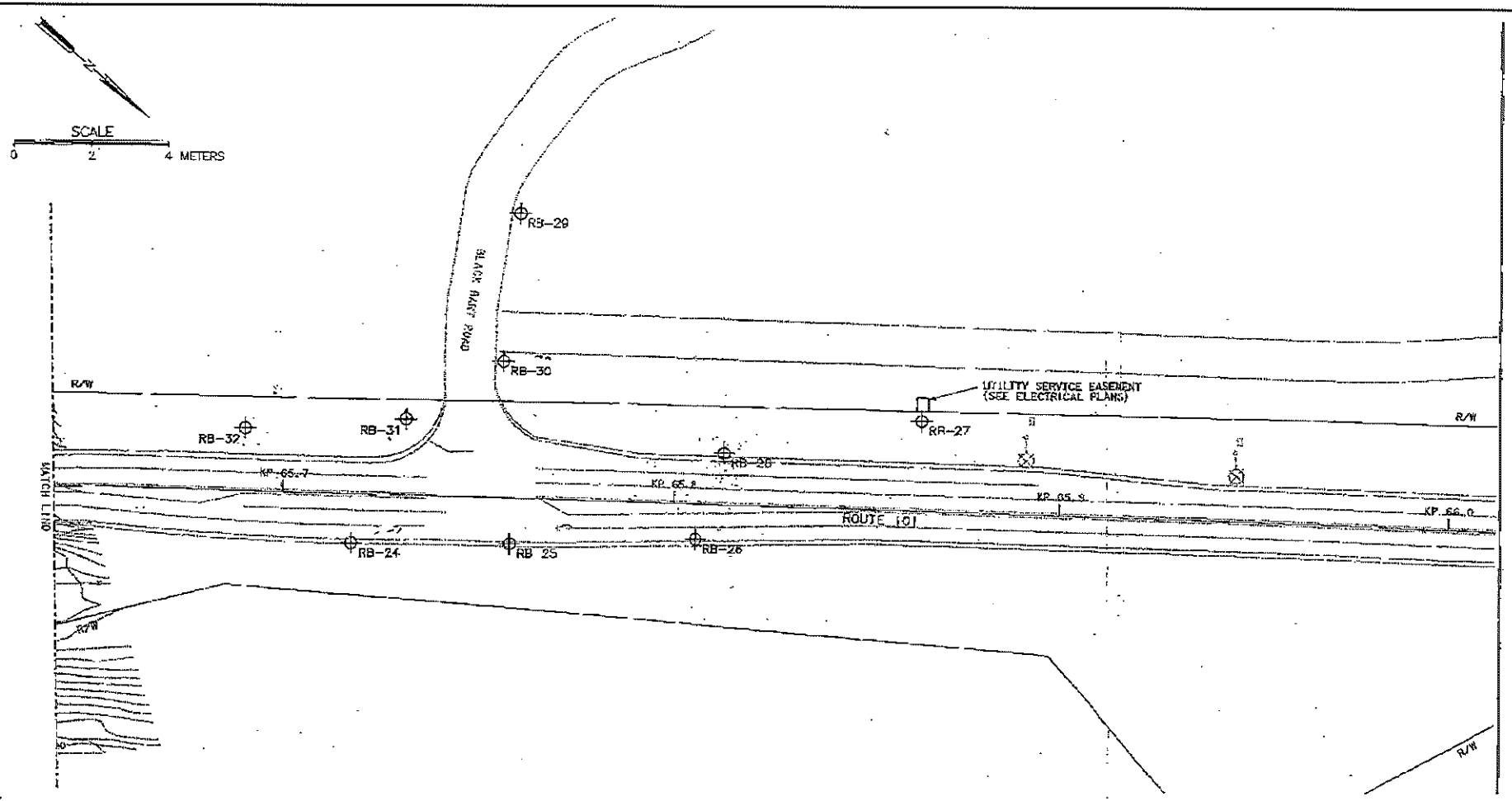
GEOCON Proj. No. S9300-06-93

Task Order No. 93

SITE PLAN MEN 101

January 2010

Figure 4-7C



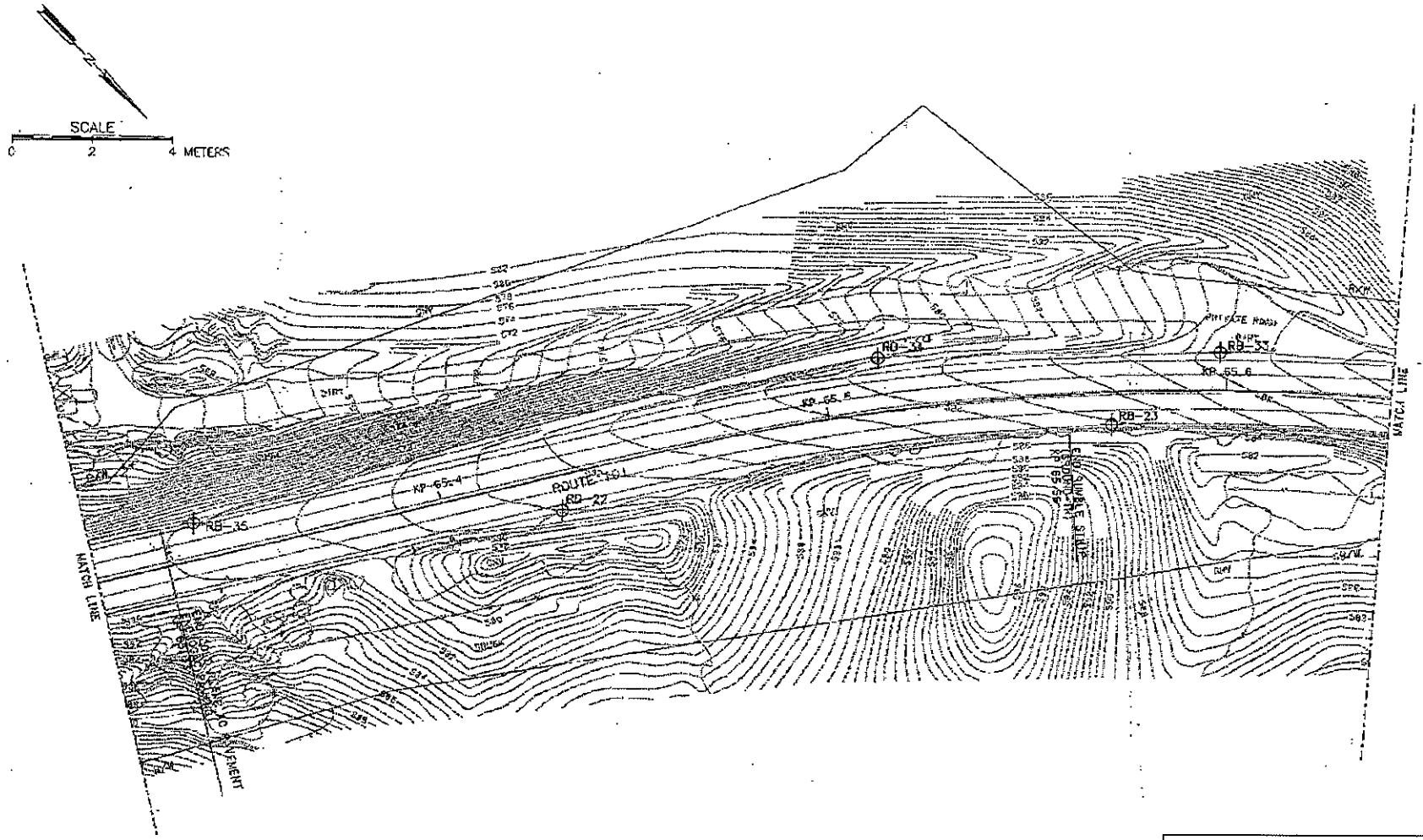
LEGEND:

Approximate Sample Location (Shaw Contract 49A0078, TO#01-413001-ZR)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 101	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 4-7D



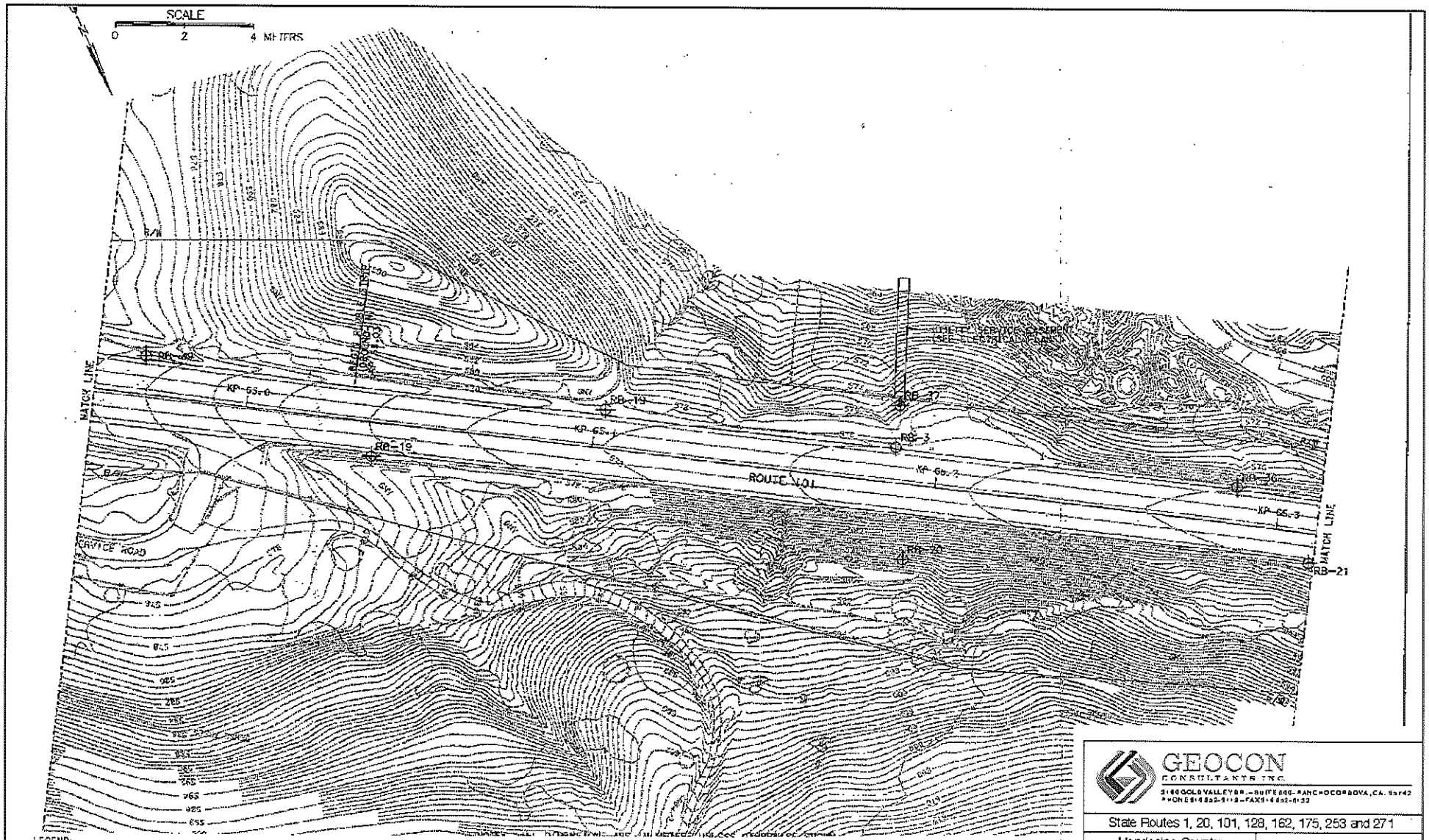
LEGEND:

Approximate Sample Location (Shaw Contract 43A0078, TO#01-413001-ZR)

* NOT TO SCALE

GEOCON
CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. S9300-06-93	
Task Order No. 98	January 2010 — Figure 4-7E



LEGEND:

⊕ Approximate Sample Location (Shaw Contract 43A0078, TO#01-413001-ZR)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

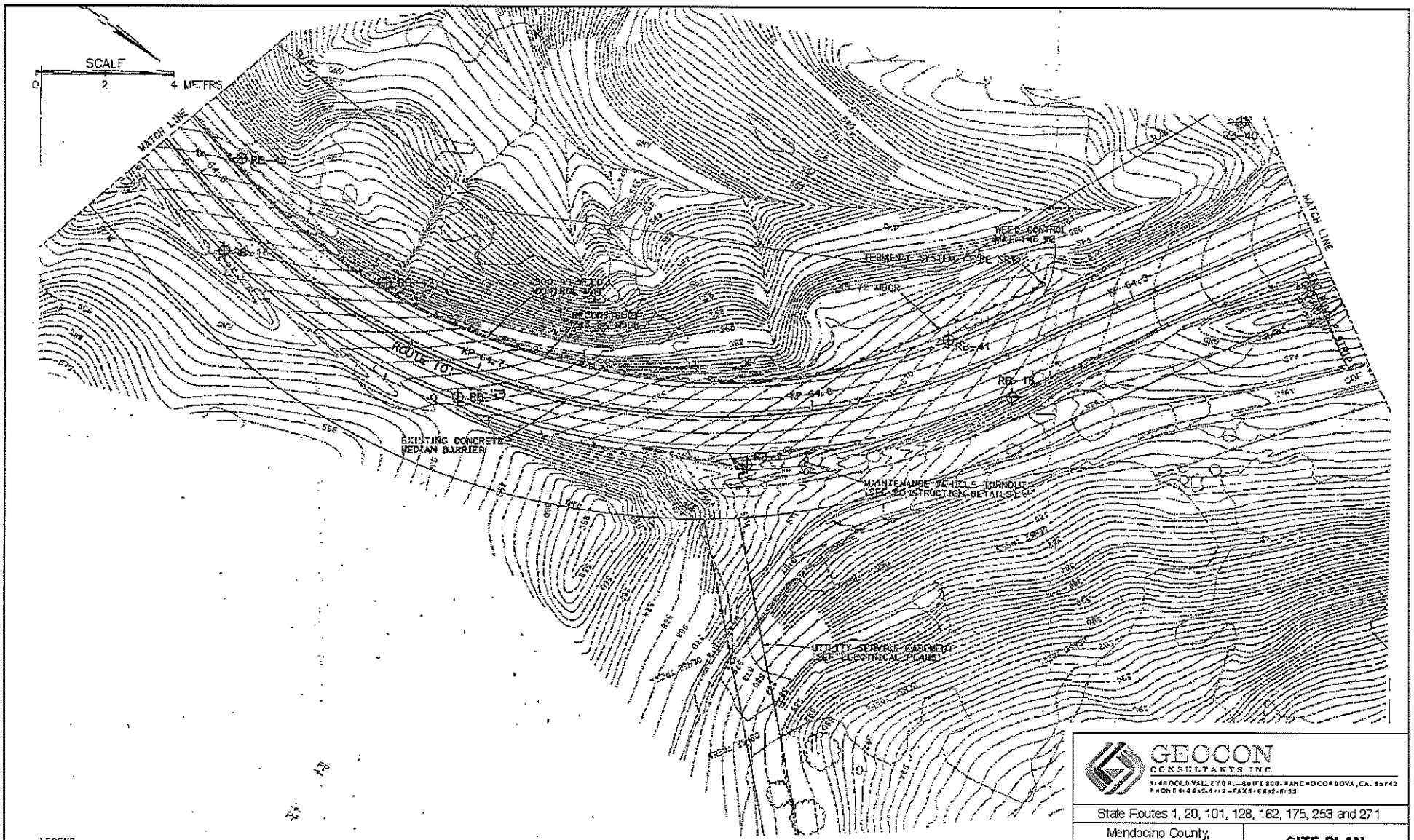
GEOCON Proj. No. S9800-06-93

Task Order No. 93

SITE PLAN MEN 101

January 2010

Figure 4-7F



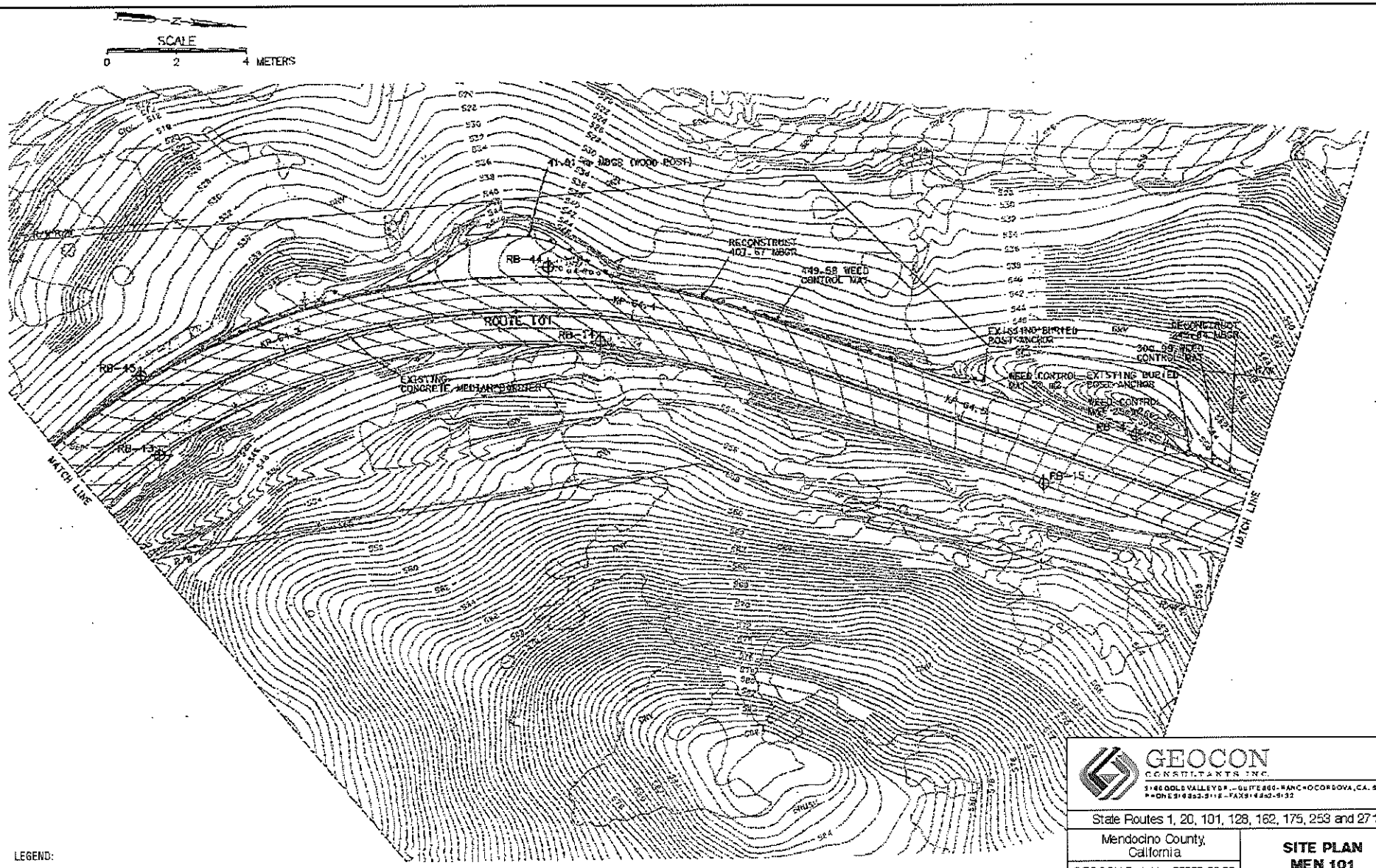
LEGEND:

Approximate Sample Location (Shaw Contract 43A0078, TO#01-413001-ZR)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 101	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 4-7G



LEGEND:

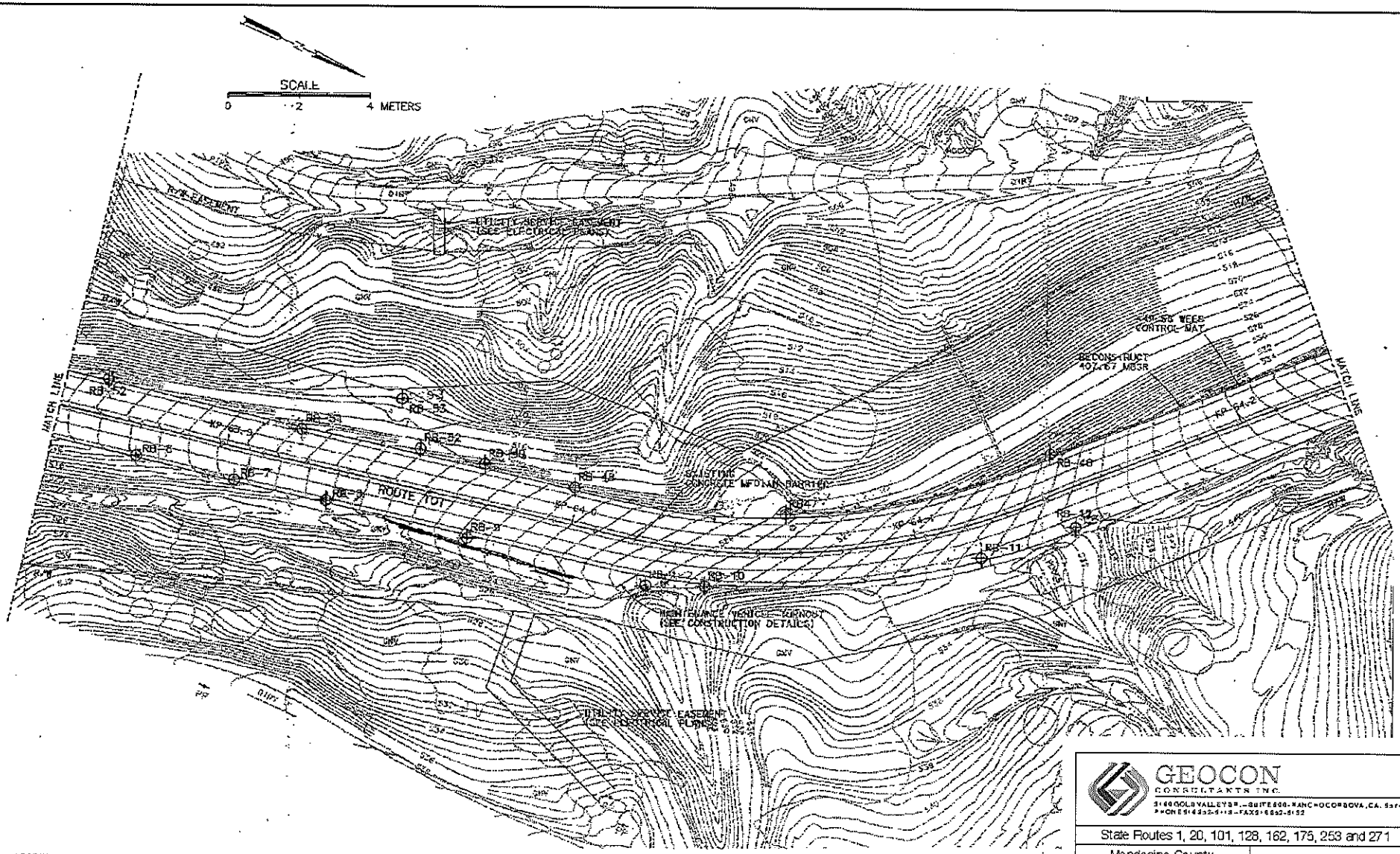
Approximate Sample Location (Shaw Contract 43A0078, TO#01-413001-ZR)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	SITE PLAN MEN 101
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010	Figure 4-7H



LEGEND:

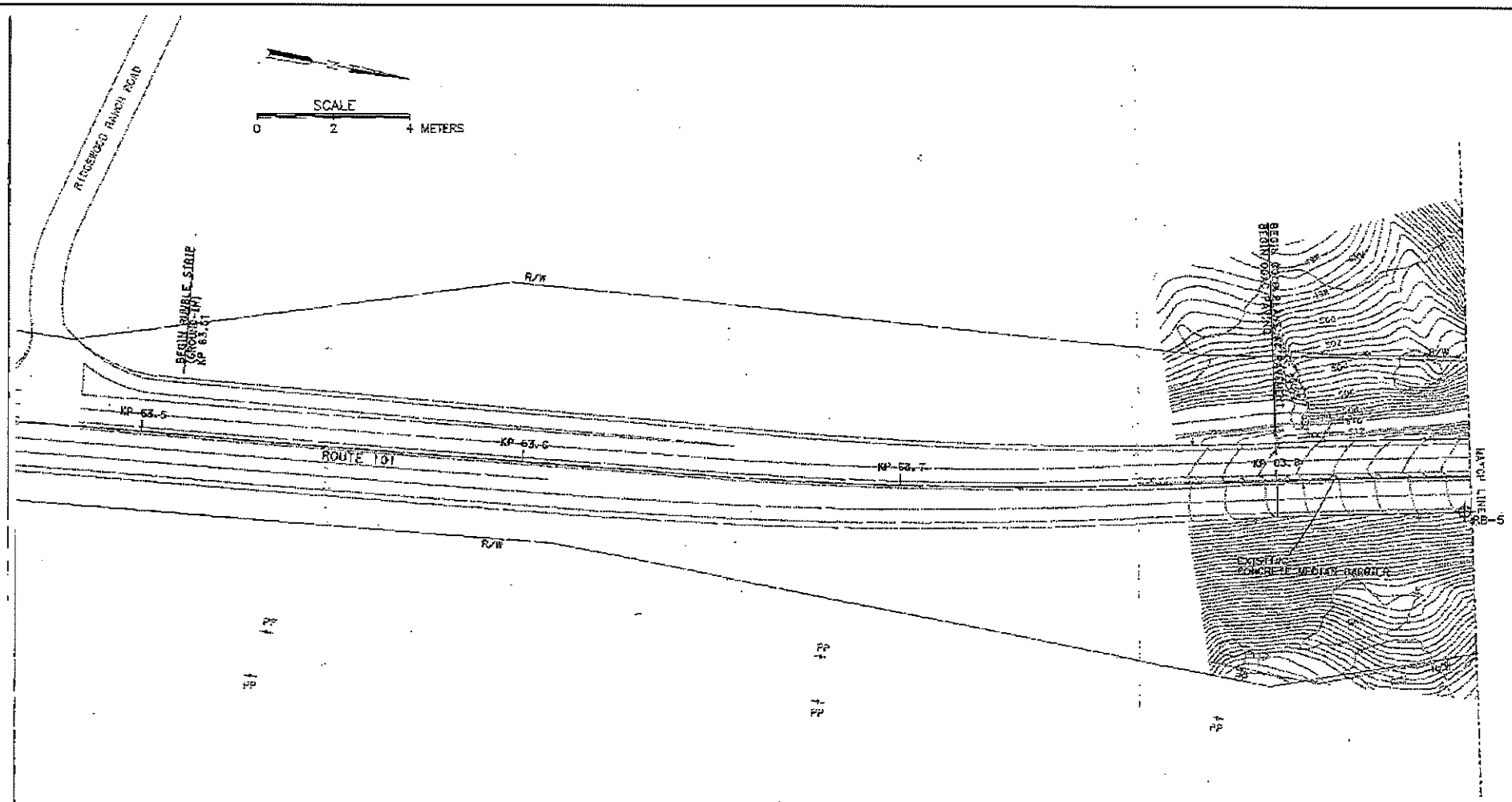
Approximate Sample Location (Shaw Contract 43A0078, TO#01-413001-ZR)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 4-71



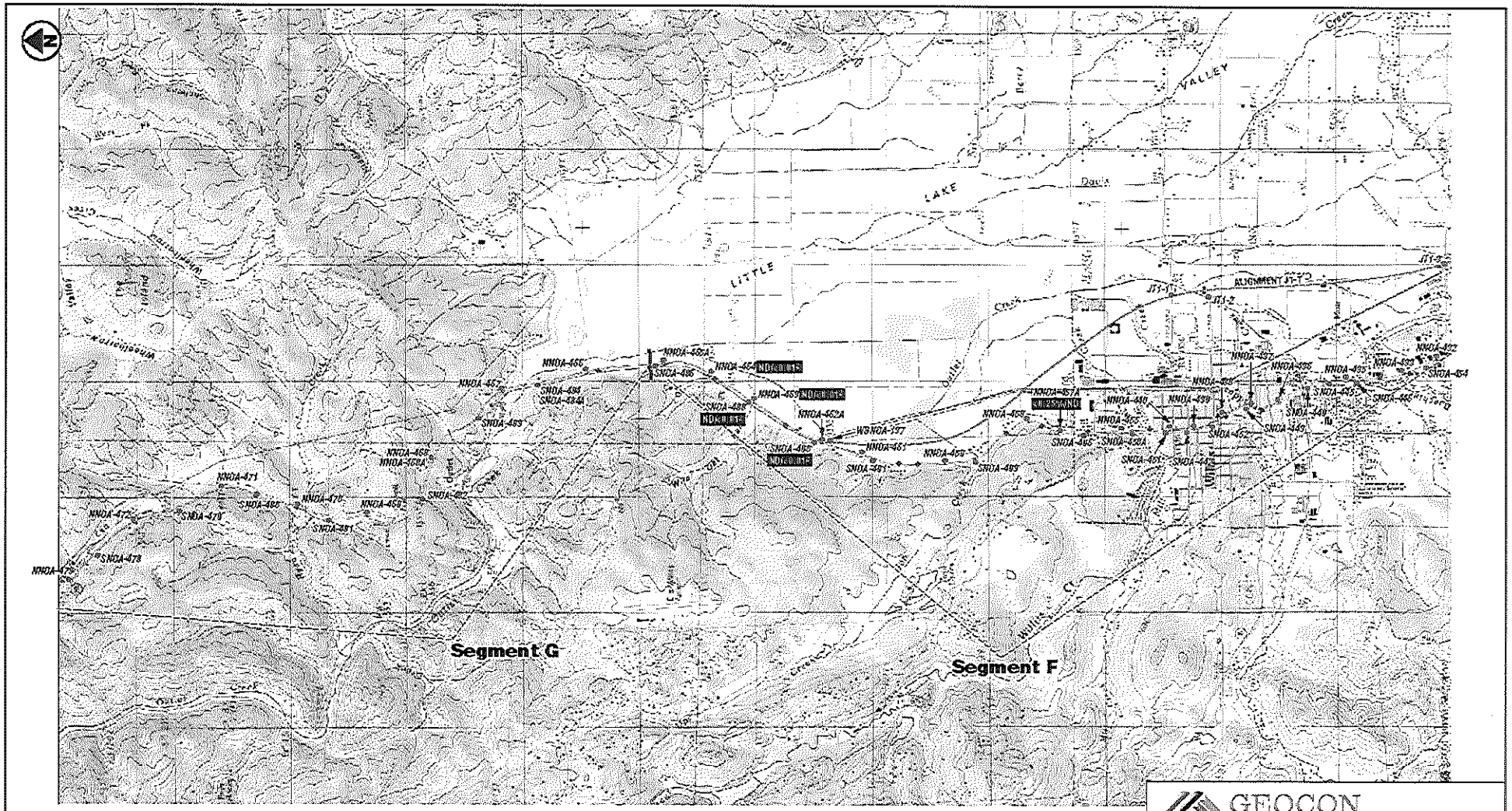
LEGEND:

Approximate Sample Location (Shaw Contract 43A0078, TO#01-413001-ZR)

* NOT TO SCALE

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 101	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 4-7J



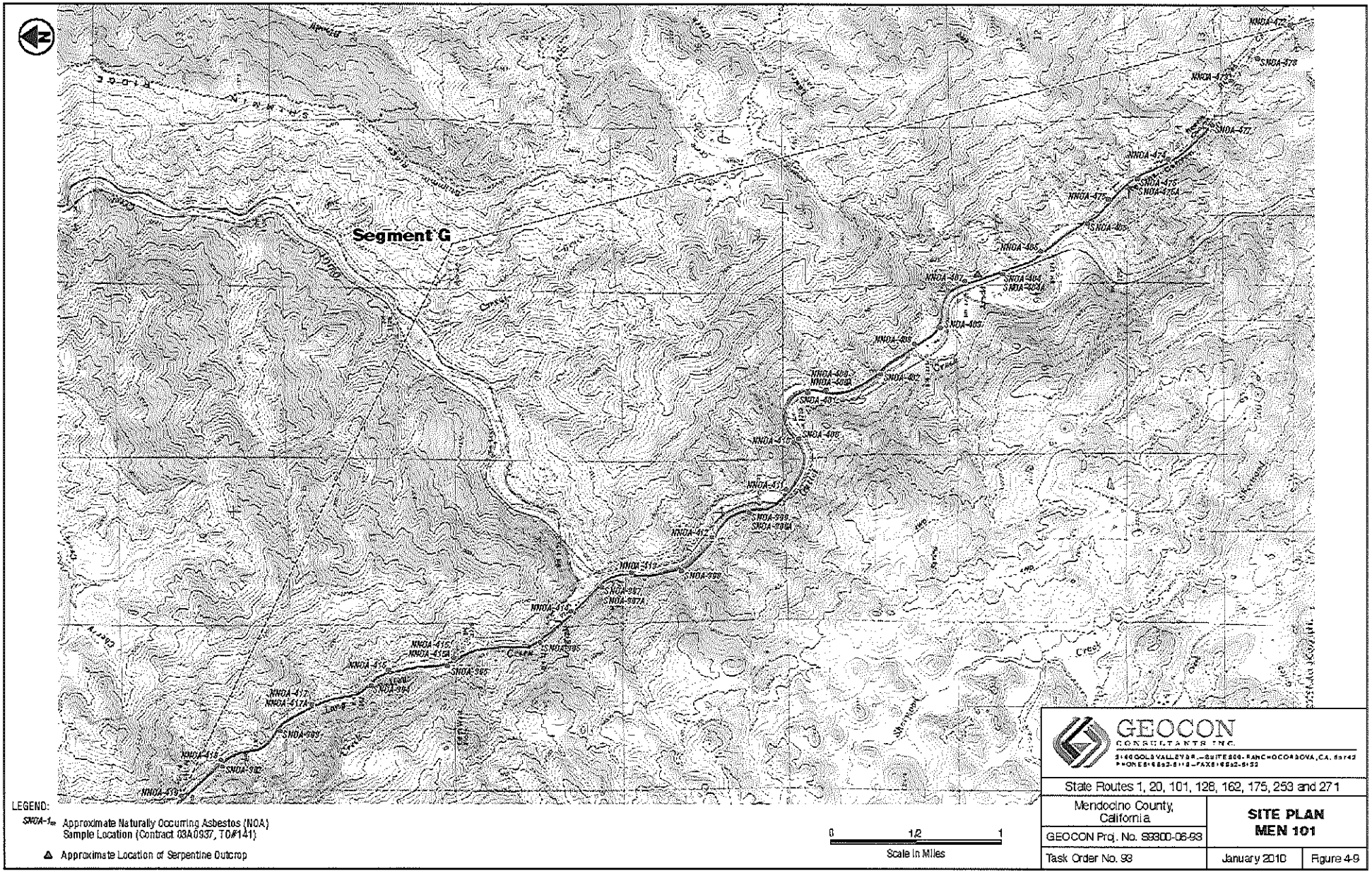
LEGEND:

- SNOA-1 — Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)
- % NOA as PLM/TEM (TEM analysis not performed on all samples) Note: If no results are shown, asbestos was not reported by lab
- ND — NOA Not Detected
- Proposed Alignment of Willits Bypass
- 1 Composite Sample Positive for NOA but Individual Samples Reported as Non-Detect
- 2 Composite Sample Non-Detect by PLM but Positive by TEM (No Analysis of Individual Samples)

0 1.2 1
Scale in Miles

GEOCON CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 800 RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 101
GEOCON Proj. No. S9800-06-93	
Task Order No. 93	January 2010 — Figure 4-8



LEGEND:

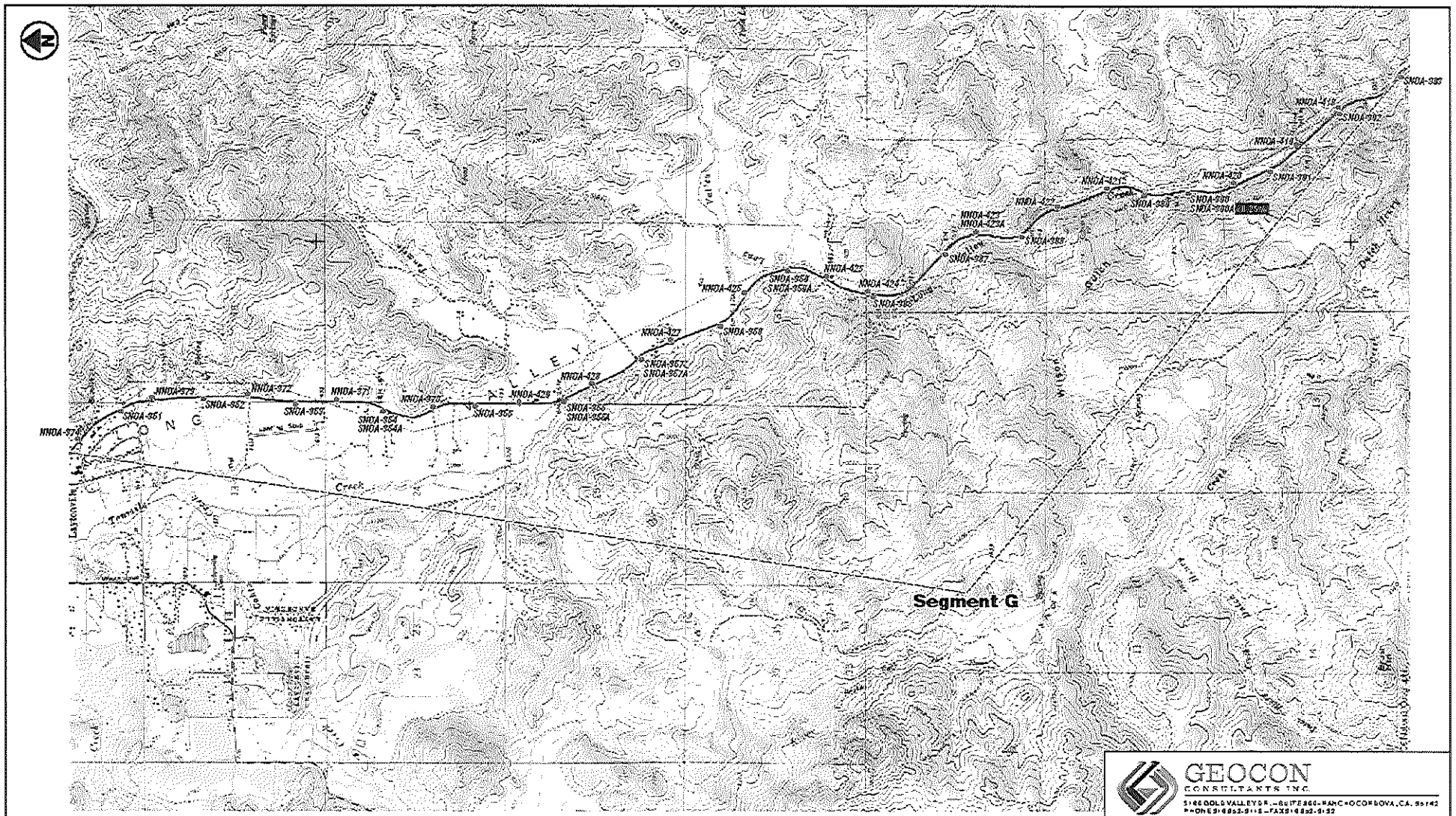
SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

▲ Approximate Location of Serpentine Outcrop

0 1/2 1
Scale in Miles

GEOCON CONSULTANTS INC.
3140 GOLD VALLEY DR., SUITE 200 · RANCHO CORDOVA, CA. 95742
PHONE 916 852-8118 · FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 · Figure 4-9



LEGEND:

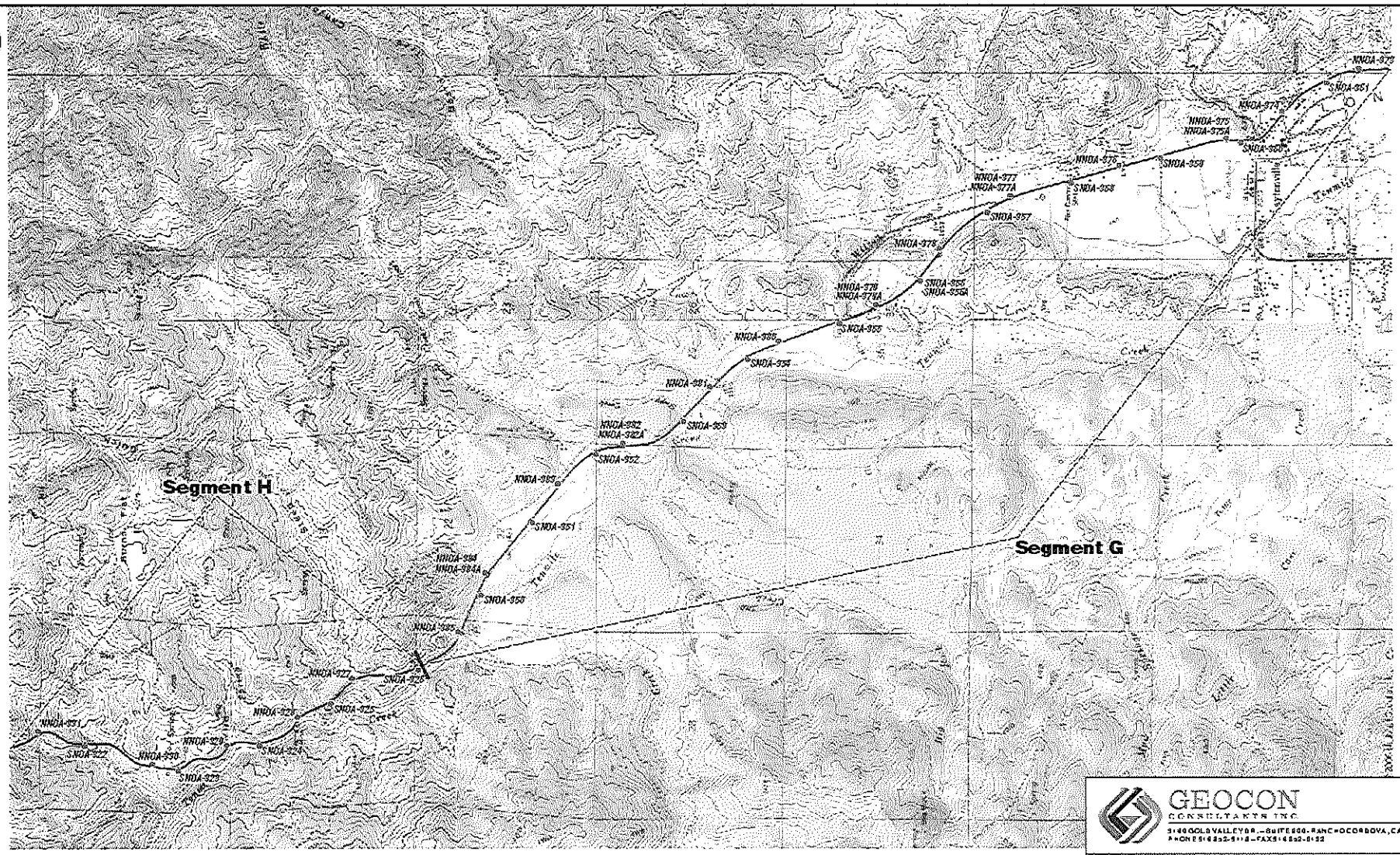
SNOA-1/2 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

% NOA as PLM/TEM (TEM analysis not performed on all samples)
Note: If no results are shown, asbestos was not reported by lab

0 1/2 1
Scale in Miles

GEOCON
CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 101	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 4-10



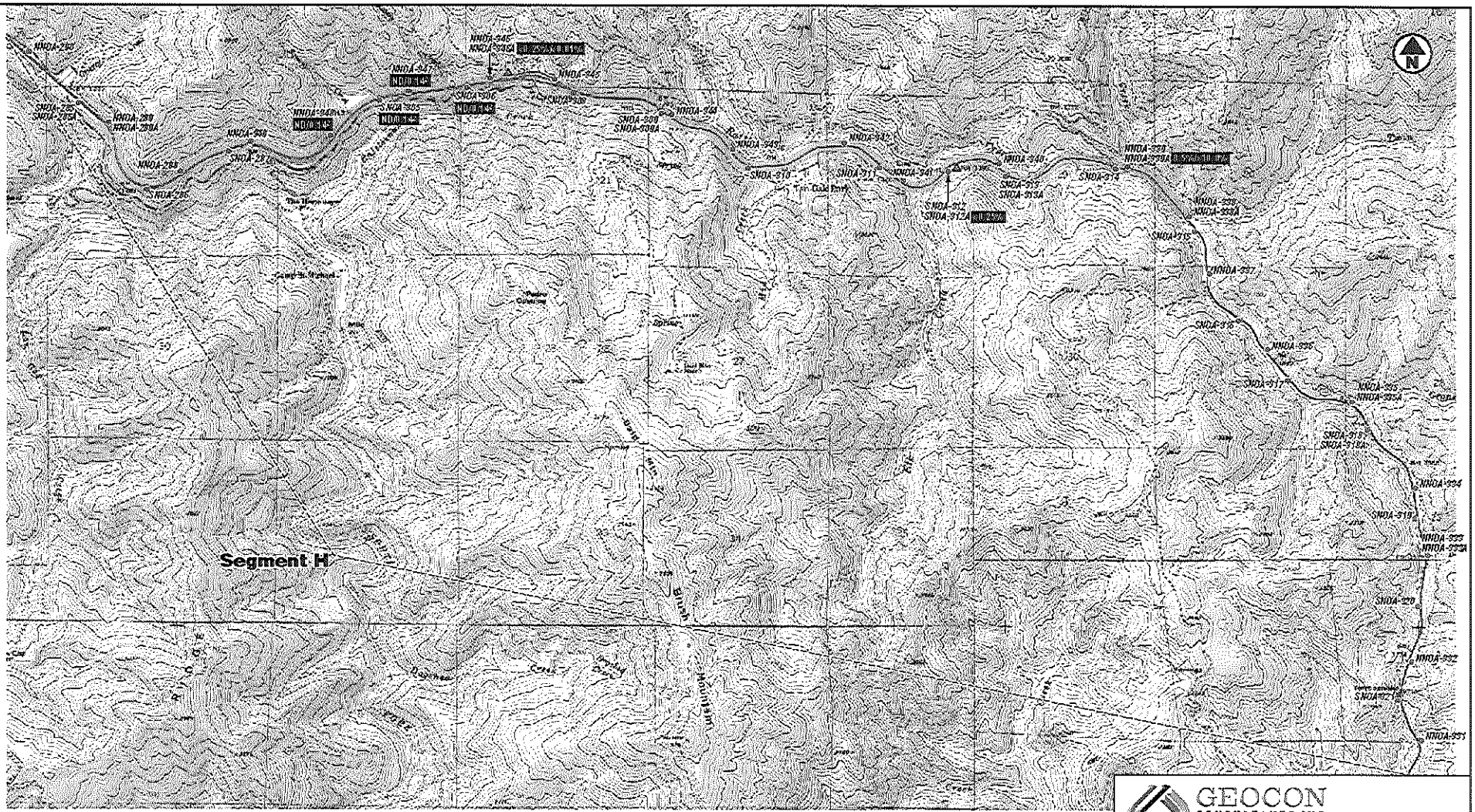
LEGEND:

SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

0 1/2 1
Scale in Miles

GEOCON
CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 800 • RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 • FAX (916) 852-6132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 101	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 4-11



LEGEND:

SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

% NOA as PLM/TEM (TEM analysis not performed on all samples) Note: If no results are shown, asbestos was not reported by lab

ND NOA Not Detected

2 Composite Sample Non-Detect by PLM but Positive by TEM (No Analysis of Individual Samples)

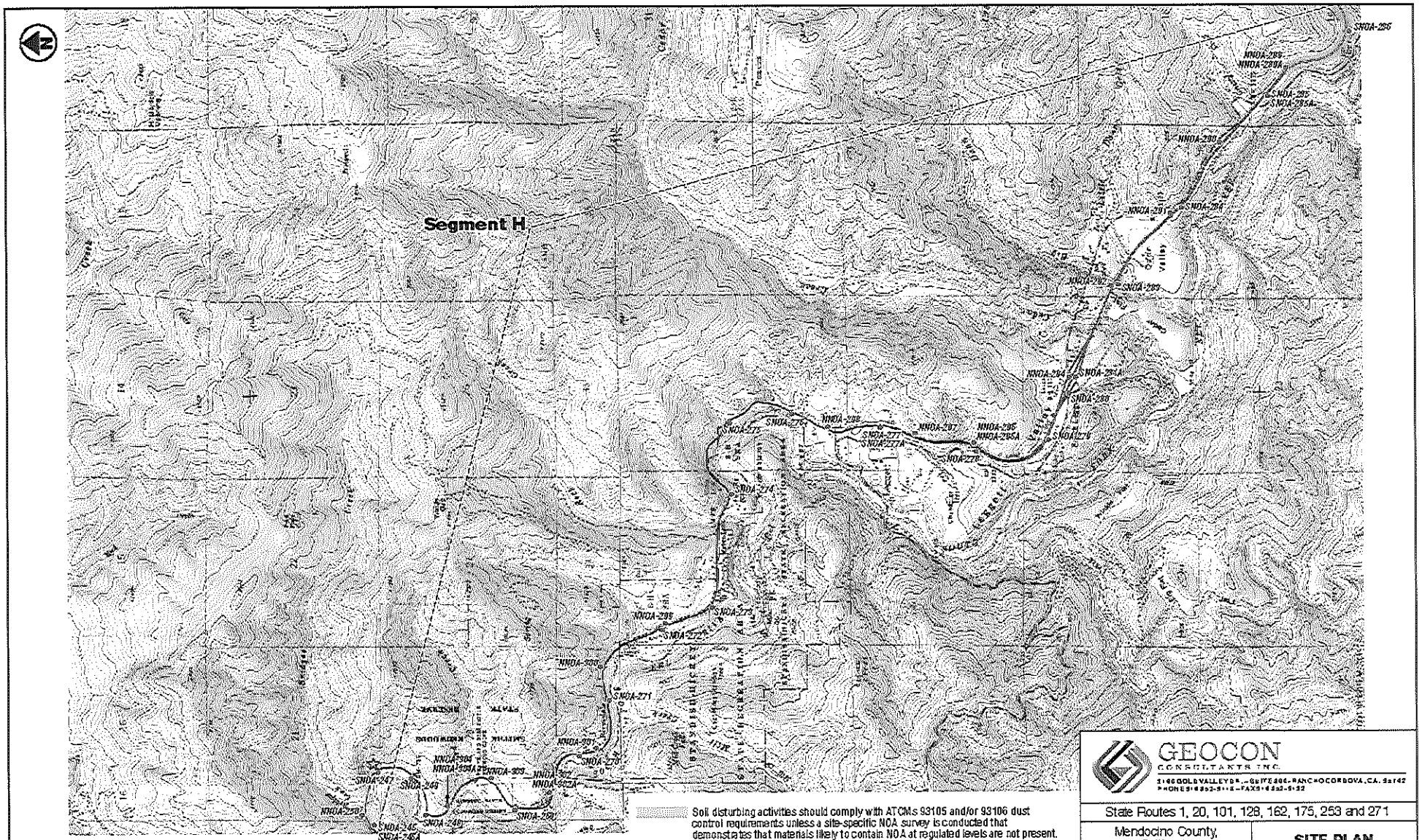
Approximate Location of Serpentine Outcrop

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.

0 1.2 1
Scale in Miles

GEOCON
CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 101
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 4-12



Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.

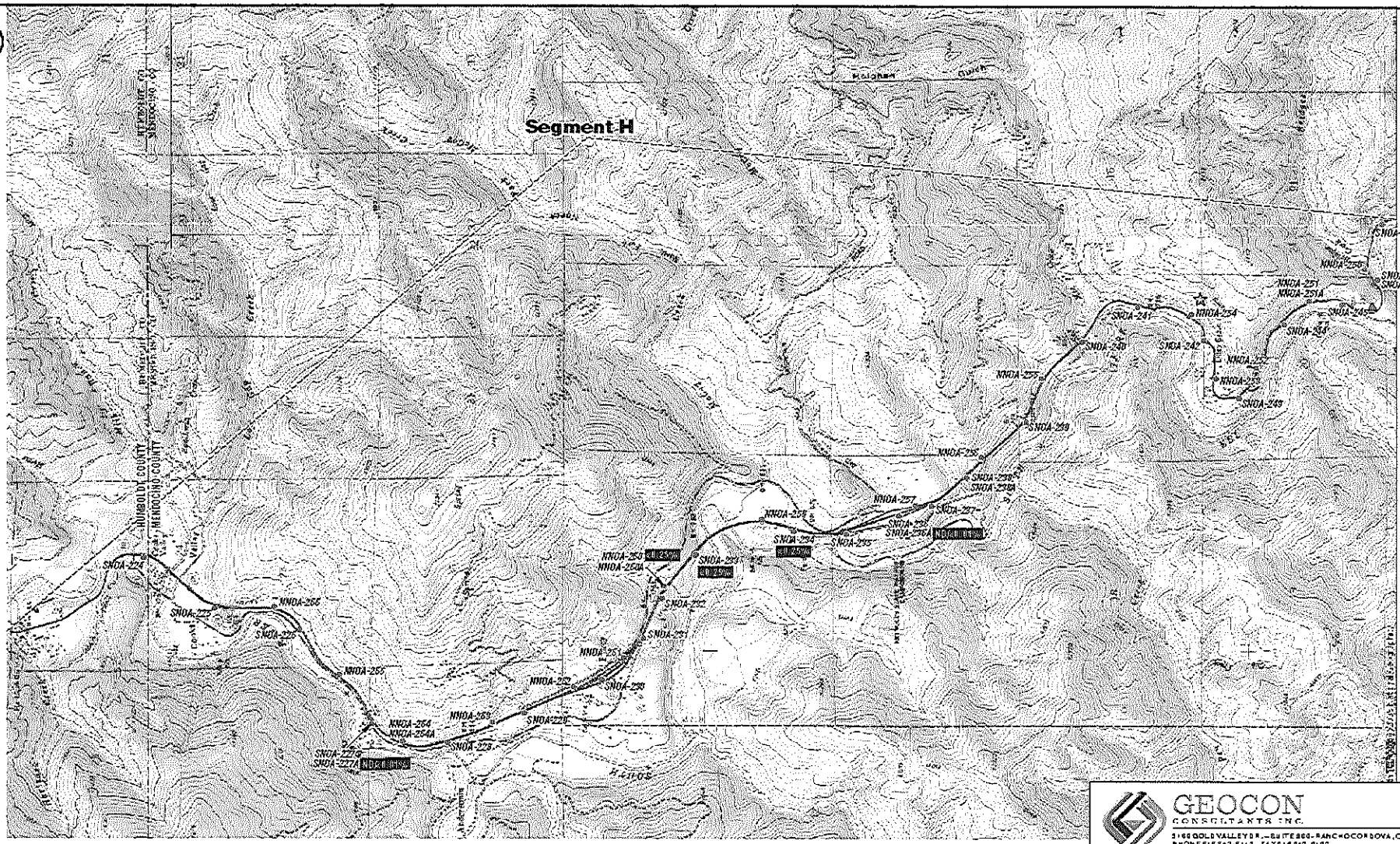
LEGEND: SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

☆ Location of Anticipated Repair

0 1/2 1
Scale in Miles

GEOCON
CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 800, RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 - FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 101**
GEOCON Proj. No. 99900-06-93	
Task Order No. 93	January 2010 — Figure 4-13



LEGEND:

SNOA-1 Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#141)

% NOA as PLM/TEM (TEM analysis not performed on all samples)
Note: If no results are shown, asbestos was not reported by lab

ND NOA Not Detected

Approximate Location of Serpentine Outcrop

Location of Anticipated Repair

0 1.2 1
Scale in Miles

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PHONE (916) 852-9118 - FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

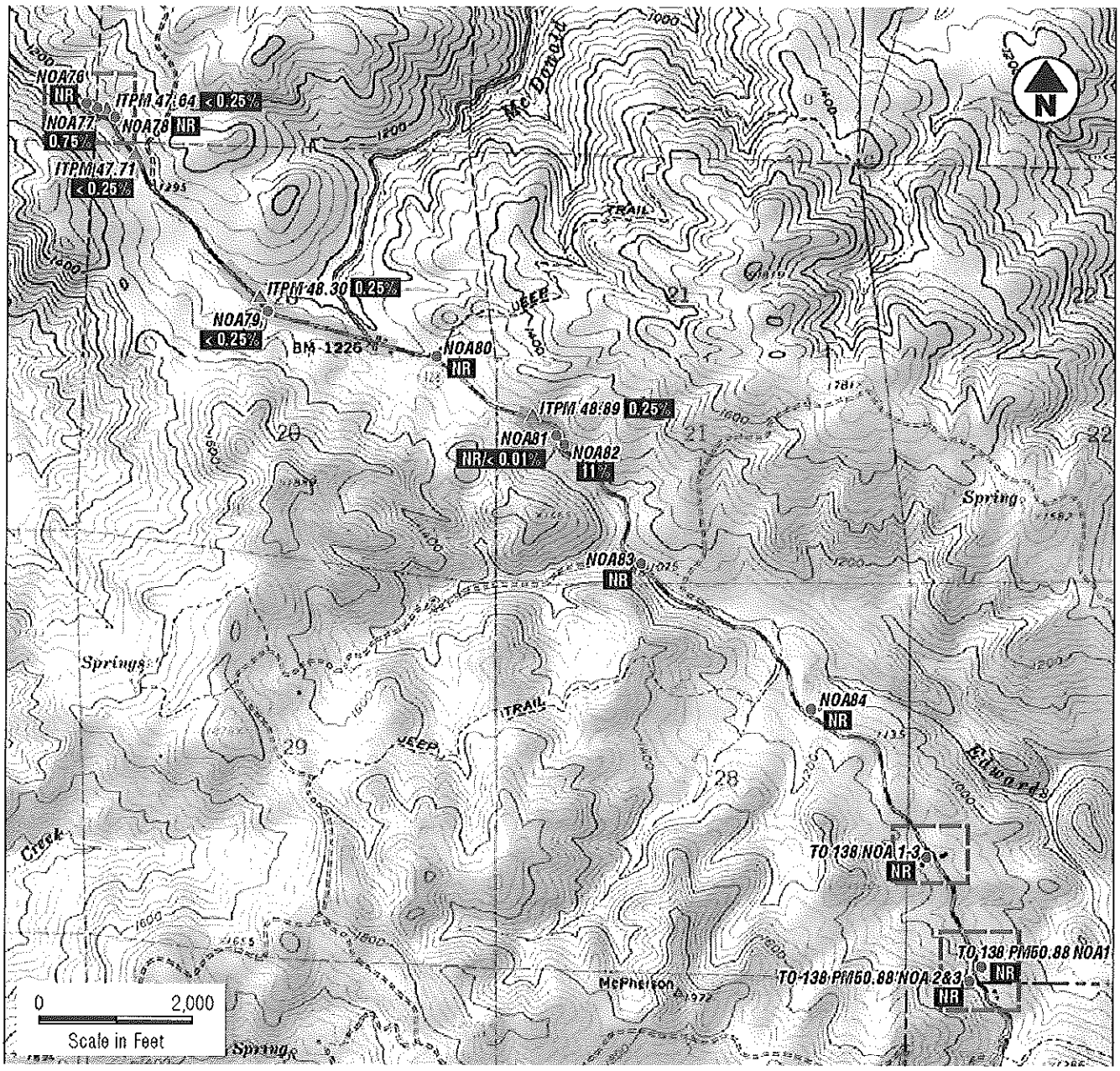
GEOCON Proj. No. S9300-06-93

Task Order No. 93

SITE PLAN MEN 101

January 2010

Figure 4-14



LEGEND:

- ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TOs#138 & 140)
- ▲ Approximate IT Corp Sample Location (Contract TO No. 01-378100-ZF)
- NR/< 0.01% % NOA as PLM/TEM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- NR Not Reported
- Site-specific NOA Assessment performed in this Area
  Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZF) are only depicted for results greater than or equal to 0.25%

SITE PLAN MEN 128

GEOCON
CONSULTANTS, INC.
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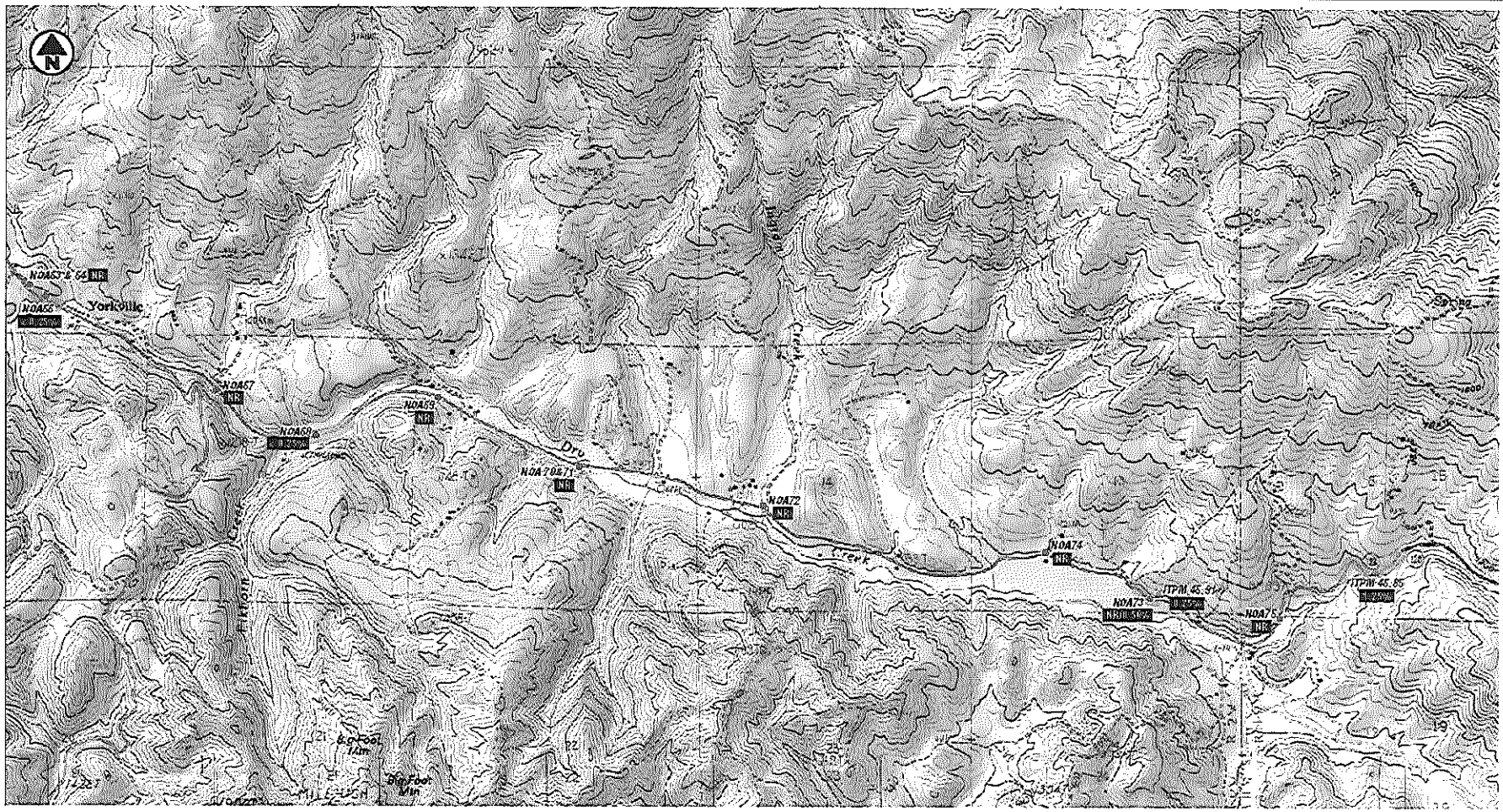
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 5-1



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)
- Approximate IT Corp Sample Location (Contract TO No. 01-378100-ZF)
- NR/0.1-50% % NOA as PLM/TEM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
- NR Not Reported

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

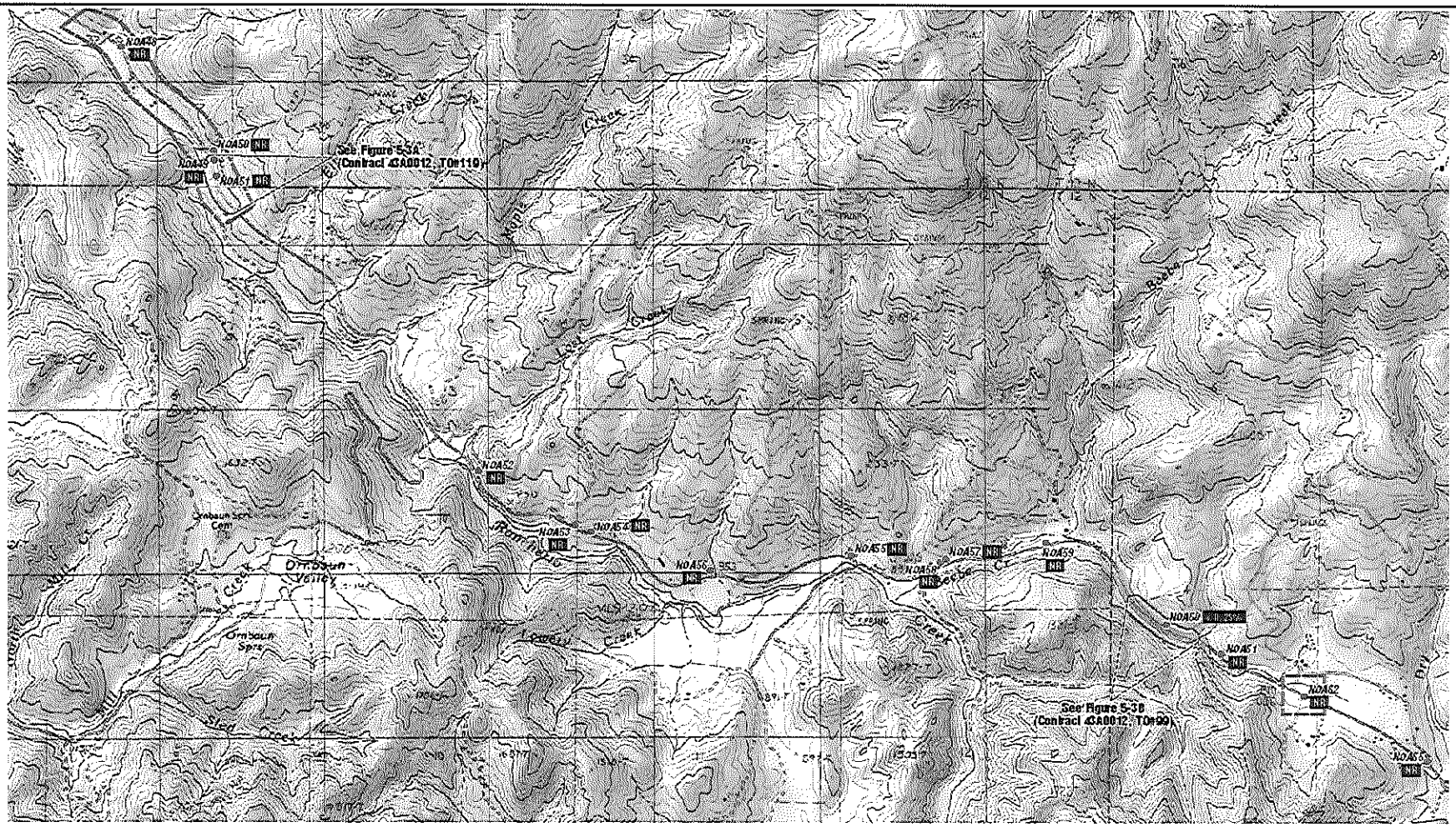
Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZF) are only depicted for results greater than or equal to 0.25%

0 2,000
Scale in Feet

GEOCON CONSULTANTS, INC.
3140 GOLD VALLEY BLVD., SUITE 200 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 128	
GEOCON Proj. No. S9800-06-93		
Task Order No. 93	January 2010	Figure 5-2



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)
- % NOA as PLM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- Previous ADL Investigation Conducted Under Separate Contract and Task Order
- NR Not Reported
- Site-specific NOA Assessment performed in this Area

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

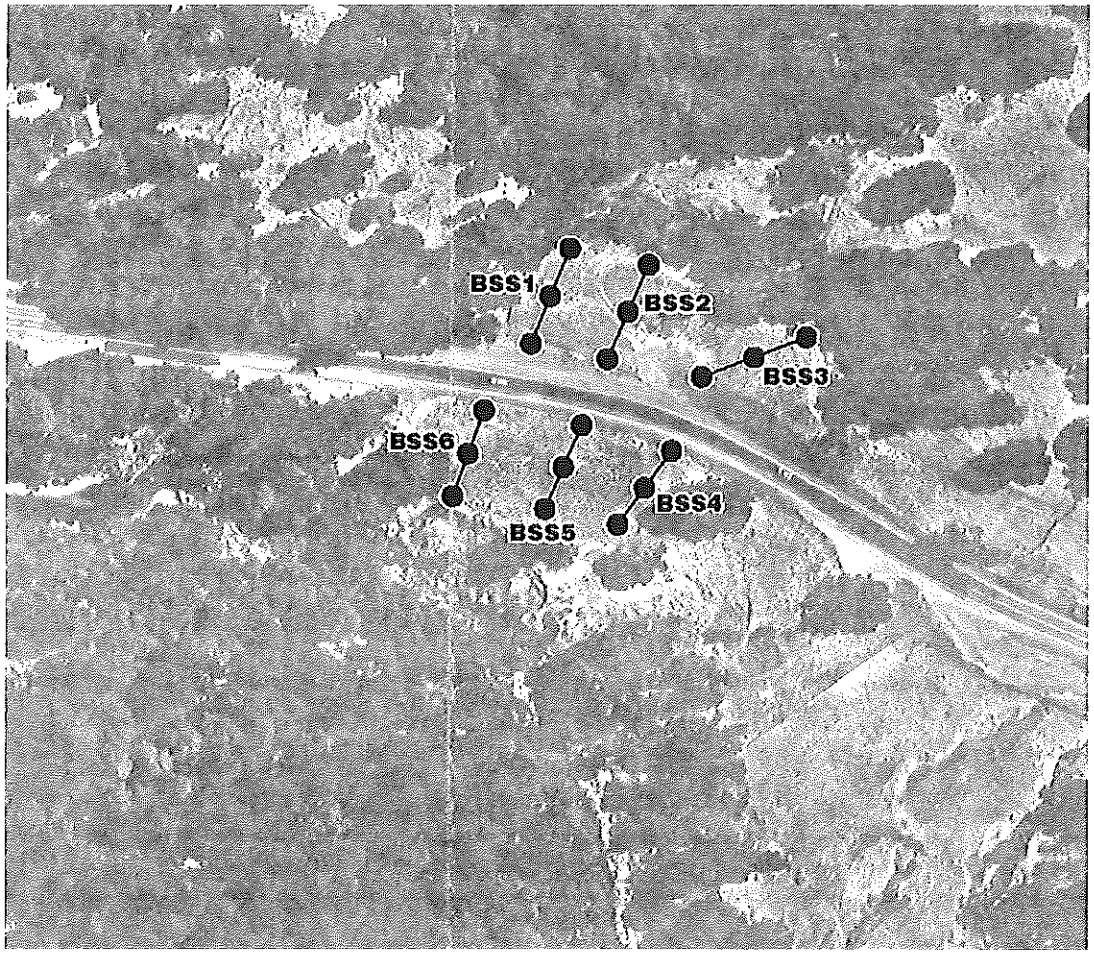
Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZF) are only depicted for results greater than or equal to 0.25%

0 2,000
Scale in Feet

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR., SUITE 800 • RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 • FAX (916) 852-9122

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	SITE PLAN MEN 128
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 5-3



LEGEND:

BSS1 — Approximate Naturally Occurring Asbestos (NOA) Composite Sample Location (Contract 43A0012, TO#119)

GEOCON
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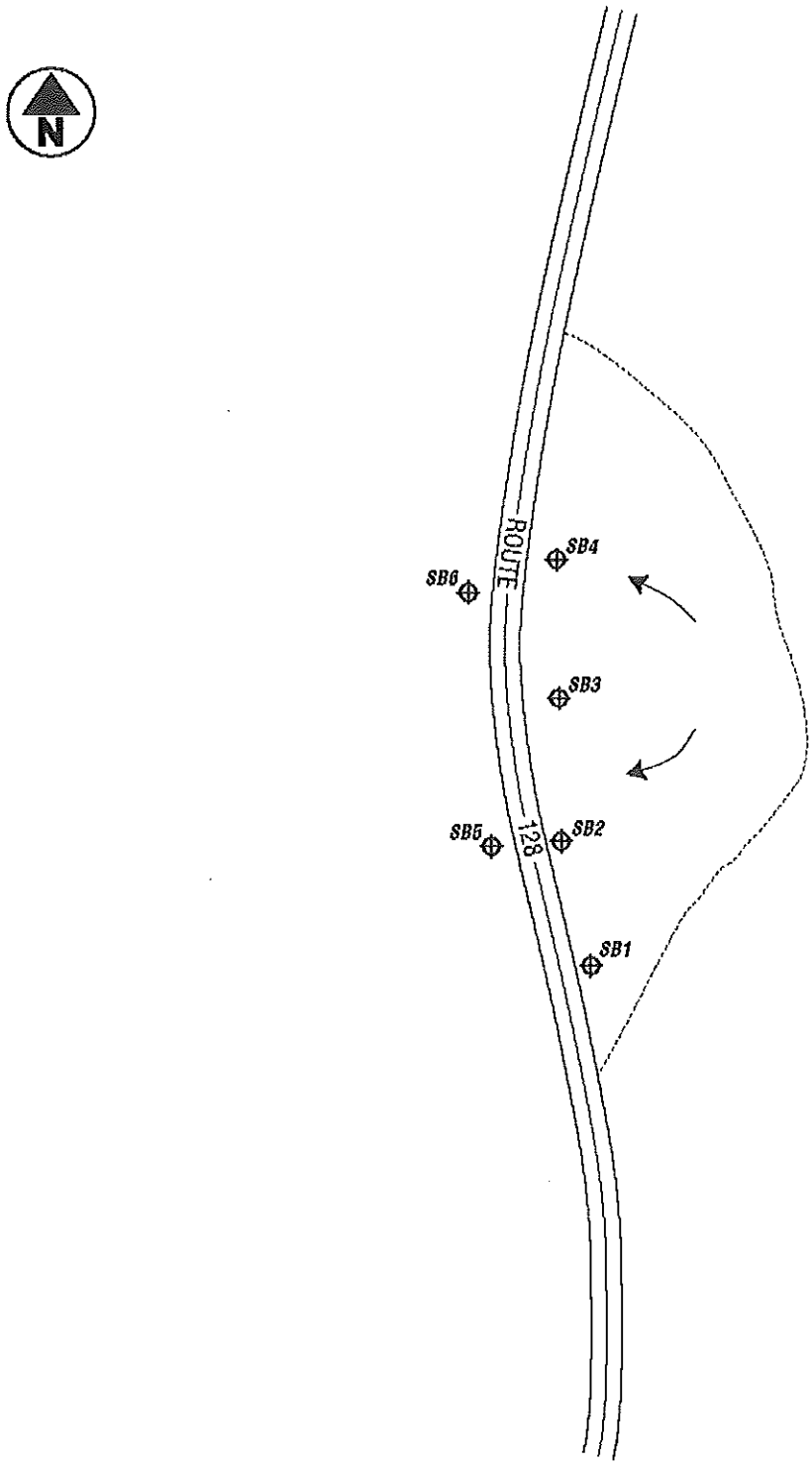
State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 128**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 5-3A



NO SCALE

LEGEND:

⊕ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 43A0012, TO#99)

---------- Approximate Limits of Landslide

GEOCON
CONSULTANTS, INC.
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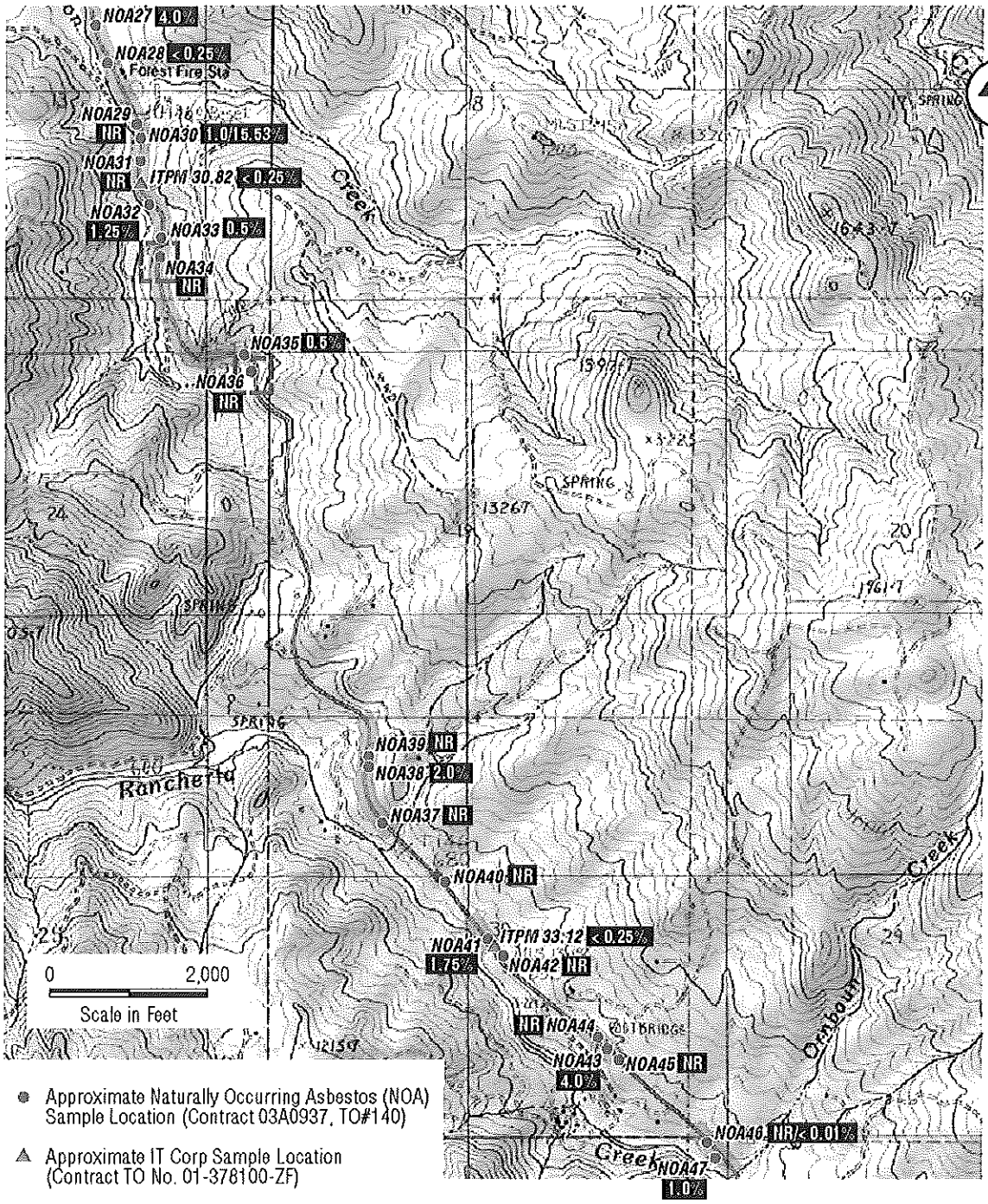
State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 128**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 5-3B



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)
- Approximate IT Corp Sample Location (Contract TO No. 01-378100-ZF)
- 1.0/15.53% % NOA as PLM/TEM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- NR Not Reported
- Site-specific NOA Assessment performed in this Area

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZF) are only depicted for results greater than or equal to 0.25%

SITE PLAN MEN 128

GEOCON CONSULTANTS, INC.
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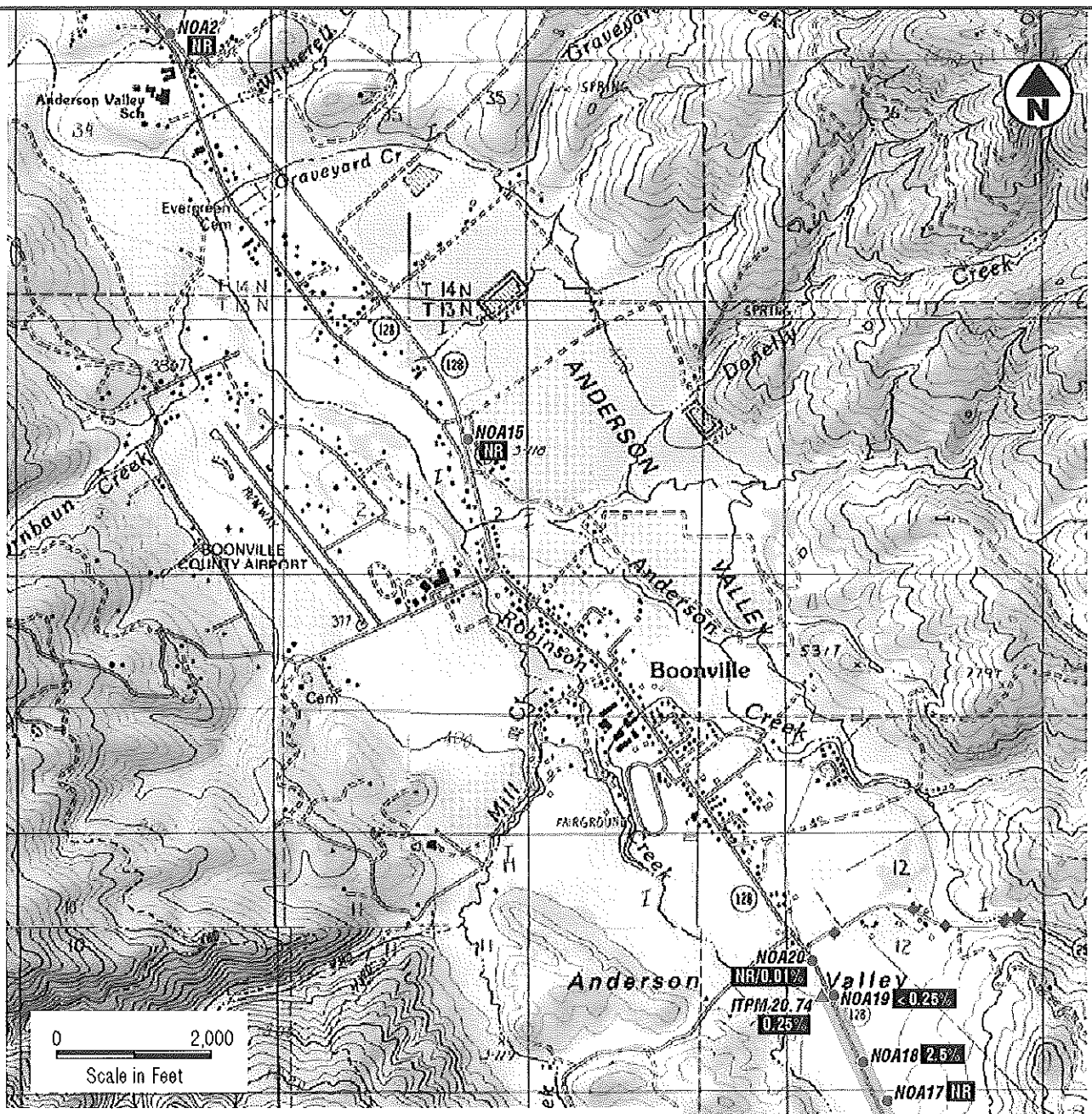
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 5-4



LEGEND:
- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)
- Approximate IT Corp Sample Location (Contract TO No. 01-378100-ZF)
- NR/0.01% % NOA as PLM/TEM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- NR Not Reported

Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZF) are only depicted for results greater than or equal to 0.25%

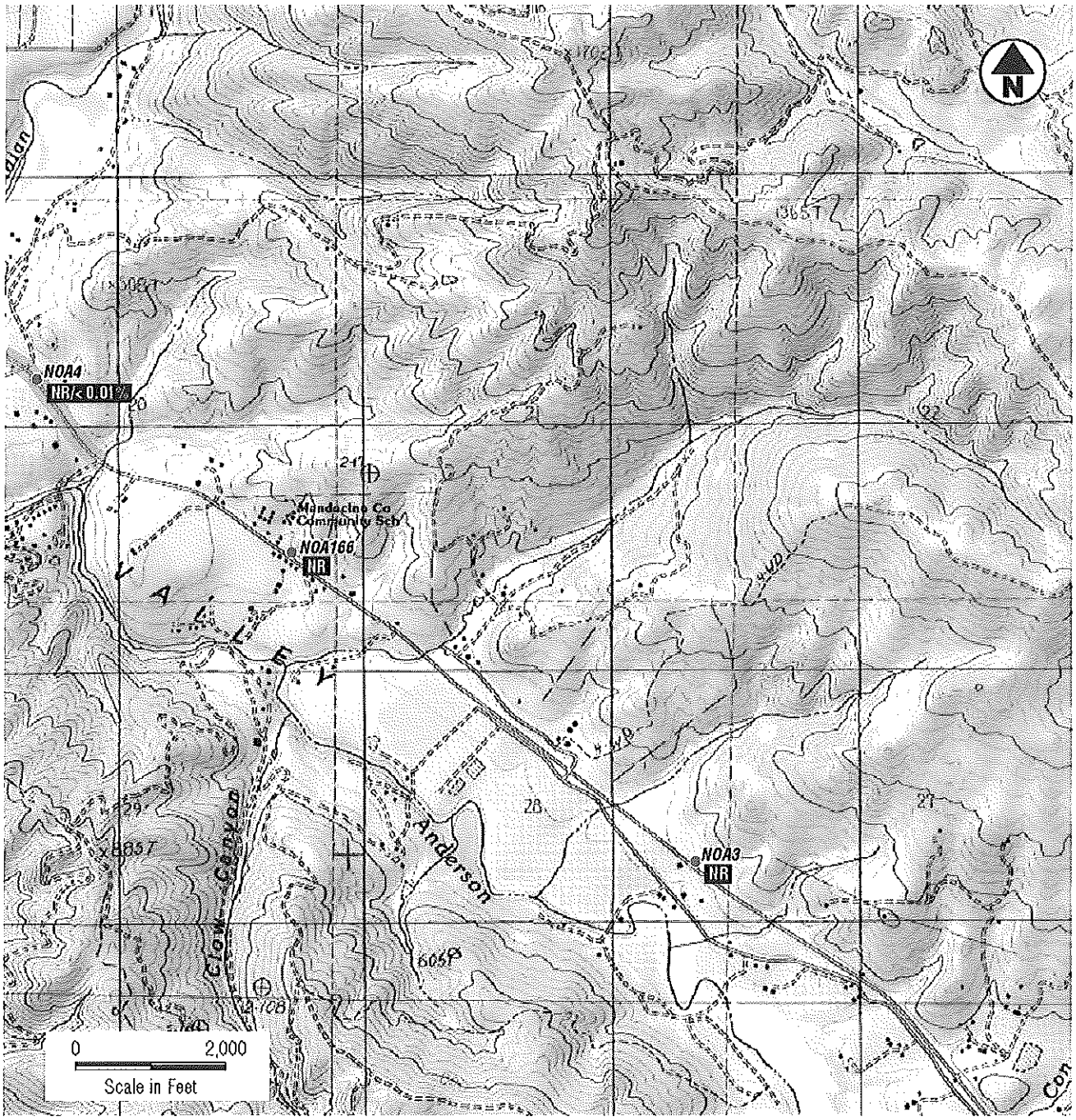
California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

SITE PLAN MEN 128

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 5-5



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)
- NR/< 0.01% % NOA as PLM/TEM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
- NR Not Reported

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

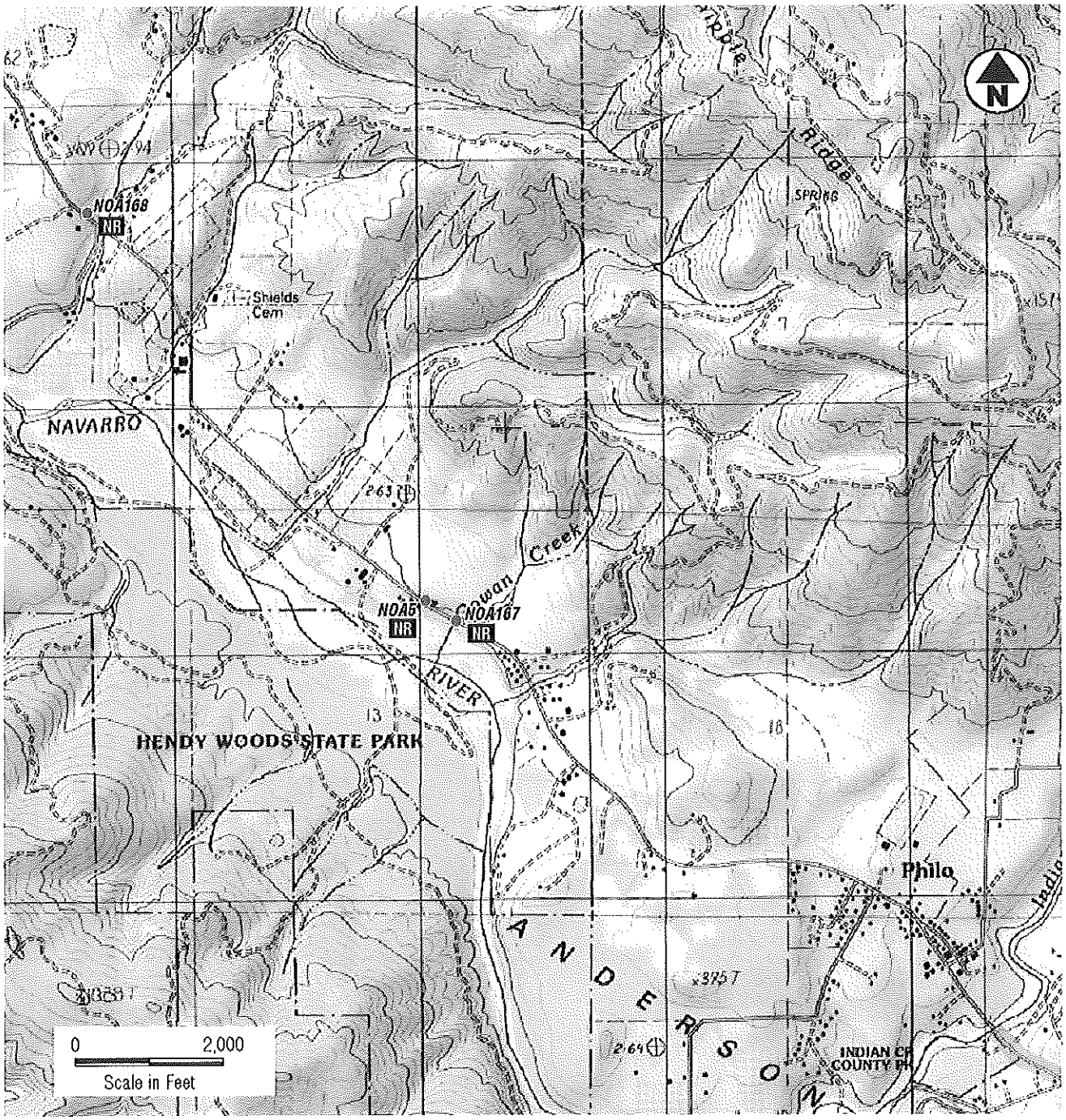
Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZF) are only depicted for results greater than or equal to 0.25%

SITE PLAN MEN 128

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 – RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 5-6



LEGEND: ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)

0.25% % NOA as PLM (TEM analysis not performed on all samples)

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.

NR Not Reported

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

SITE PLAN MEN 128

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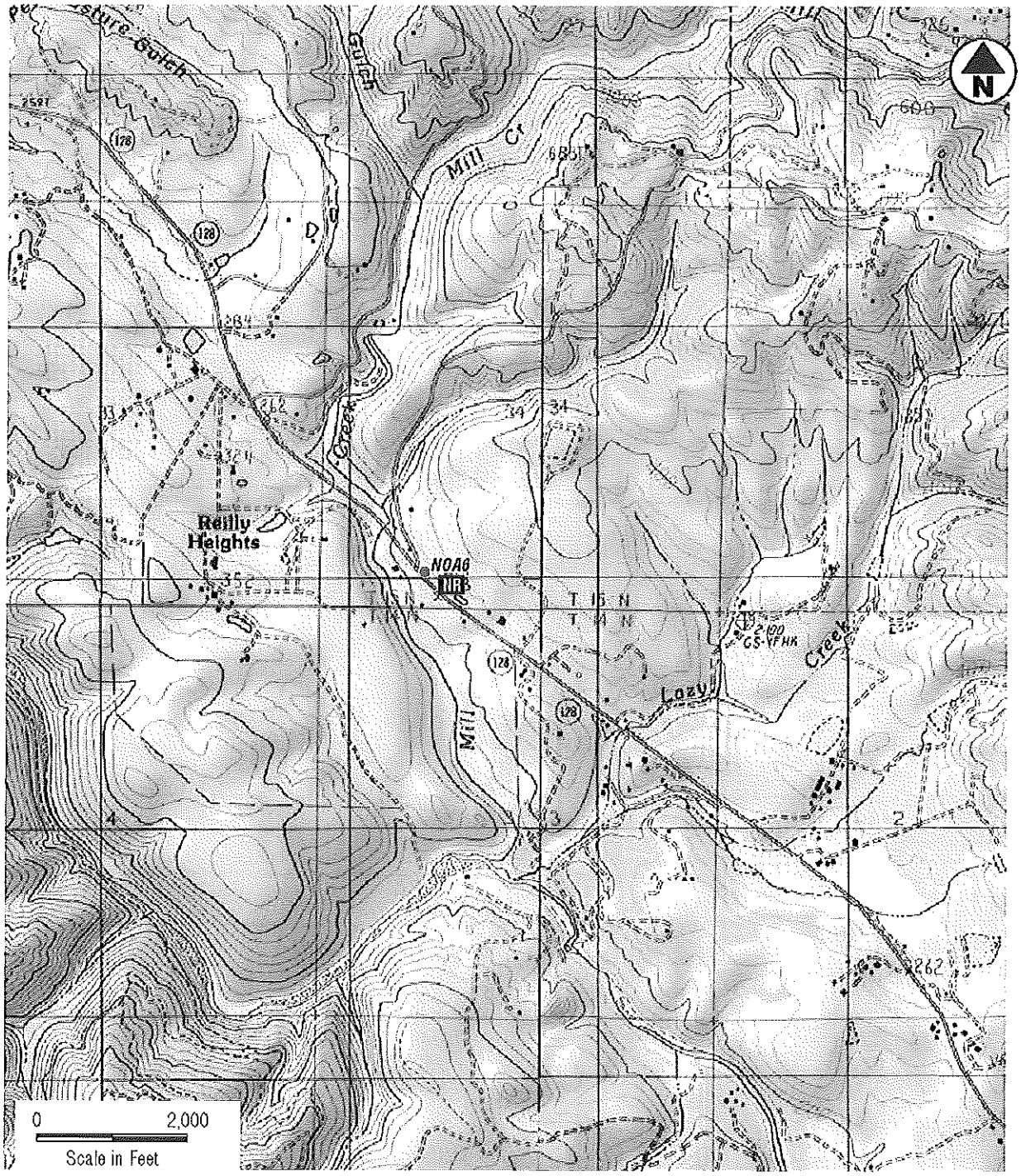
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 5-7



LEGEND: ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)

0.25% % NOA as PLM (TEM analysis not performed on all samples)

NR Not Reported

Note: NOA dust controls not required in areas not highlighted

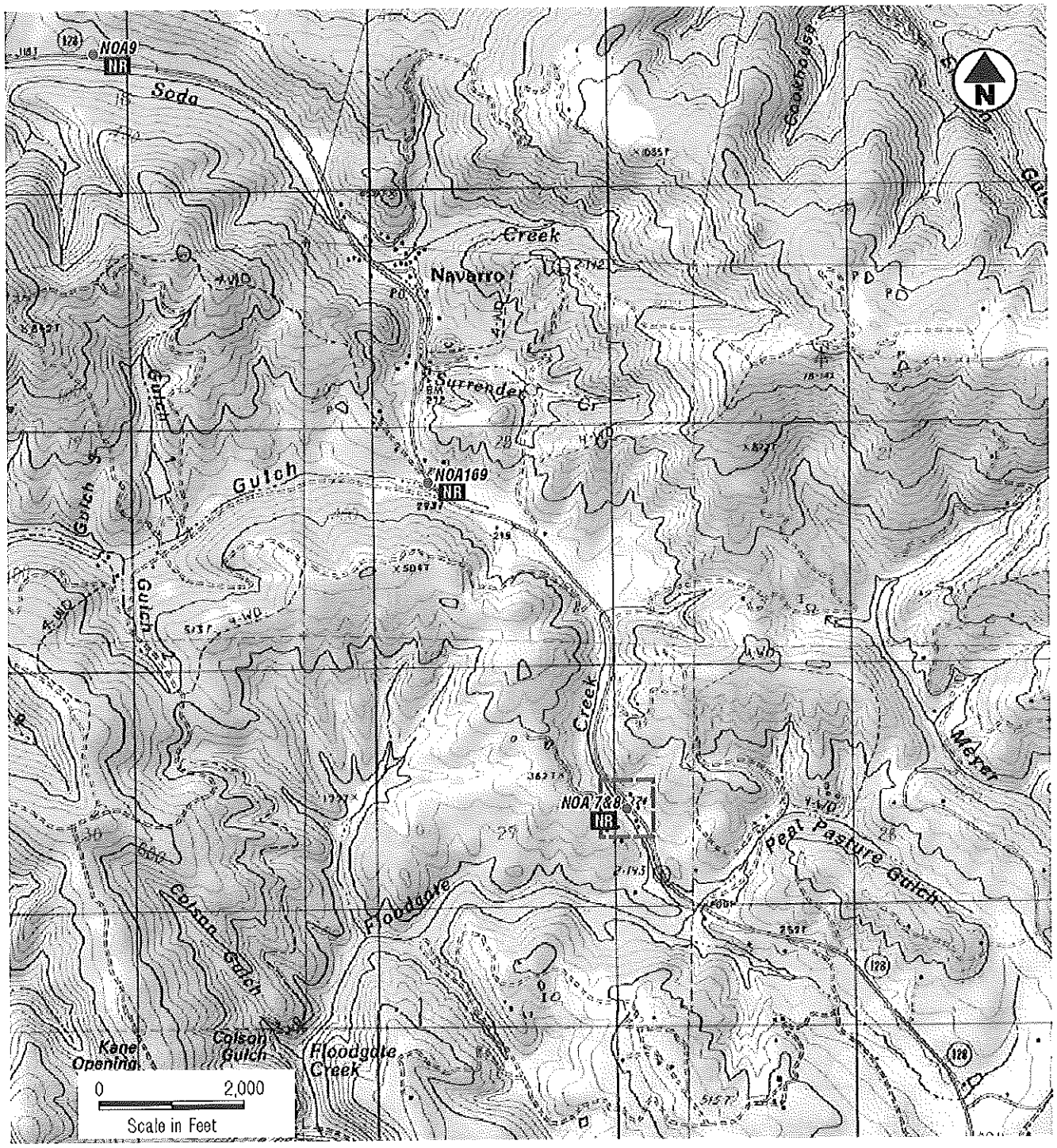
California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

SITE PLAN MEN 128

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 862-9118 – FAX 916 862-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 5-8



LEGEND: ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)

0.25% % NOA as PLM (TEM analysis not performed on all samples)

NR Not Reported

Site-specific NOA Assessment performed in this Area

Note: NOA dust controls not required in areas not highlighted

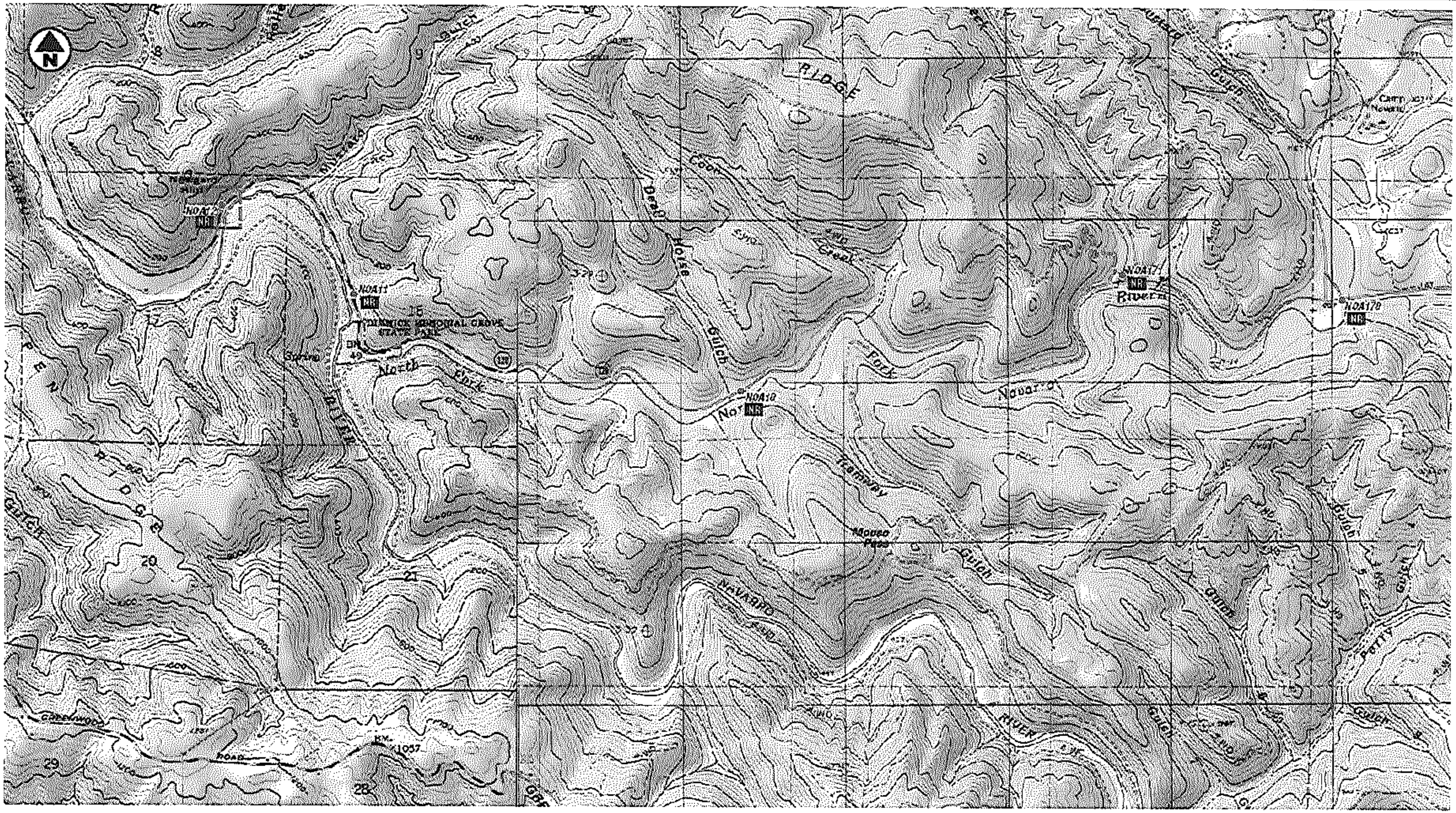
California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

SITE PLAN MEN 128

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 600 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
GEOCON Proj. No. S9300-06-93	Mendocino County, California	
Task Order No. 93	January 2010	Figure 5-9



LEGEND: ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)

% NOA as PLM

NR Not Reported

Site-specific NOA Assessment performed in this Area

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

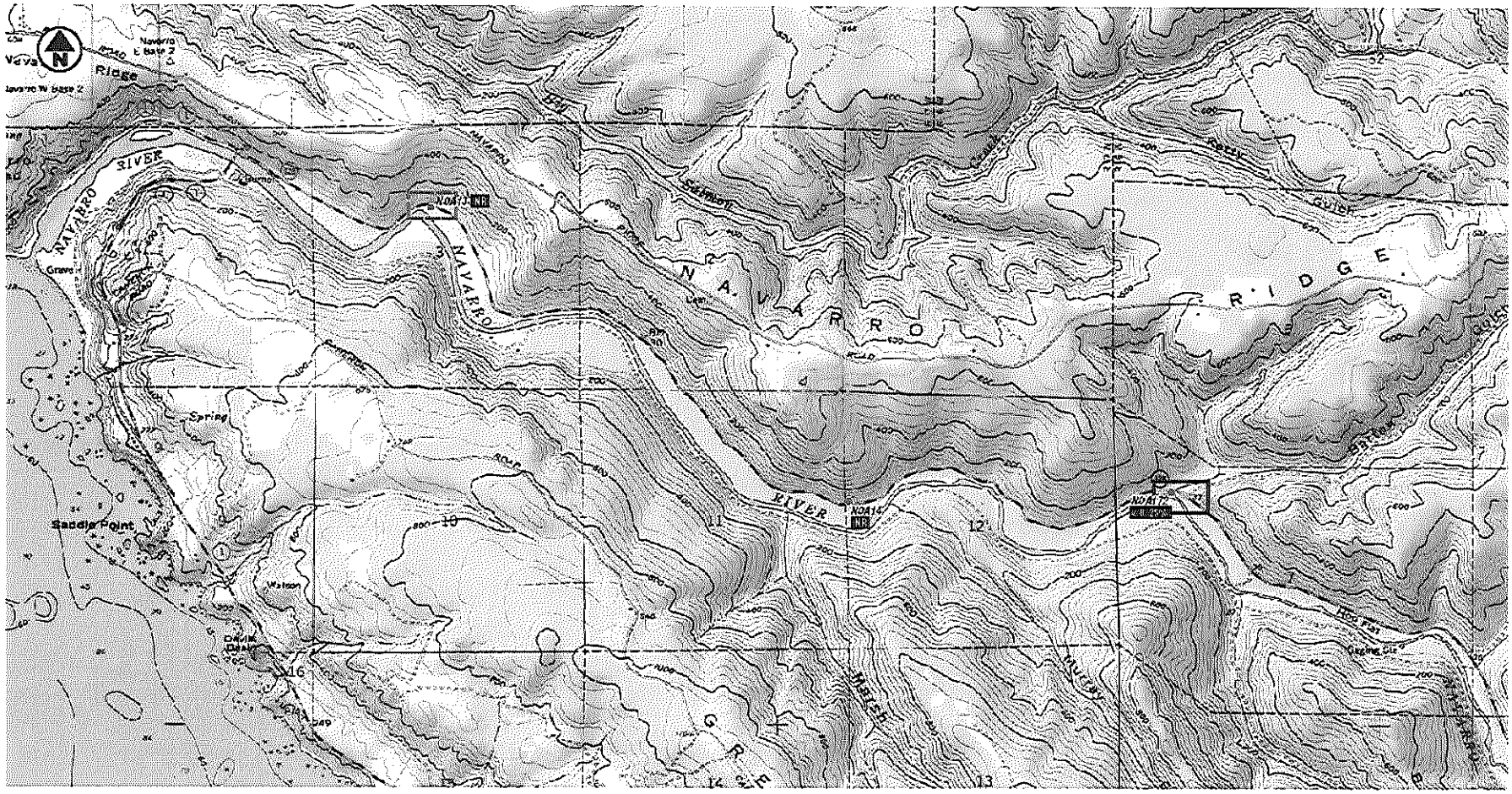
Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

0 2,000

Scale in Feet

GEOCON CONSULTANTS, INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 128
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 5-10



LEGEND: Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)

% NOA as PLM (TEM analysis not performed on all samples)

Engineering Controls Required as Specified in ATCM 93105 & 93106

NR Not Reported

Site-specific NOA Assessment performed in this Area

Site-specific NOA Assessment required in this Area

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. T0140-Hwy 253)

0 2,000
Scale in Feet

GEOCON CONSULTANTS, INC.
5166 GOLD VALLEY DR. – QUALITY DRIVE – SAN CLEMENTE, CA. 92672
PHONE 949 492-9110 – FAX 949 492-5132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

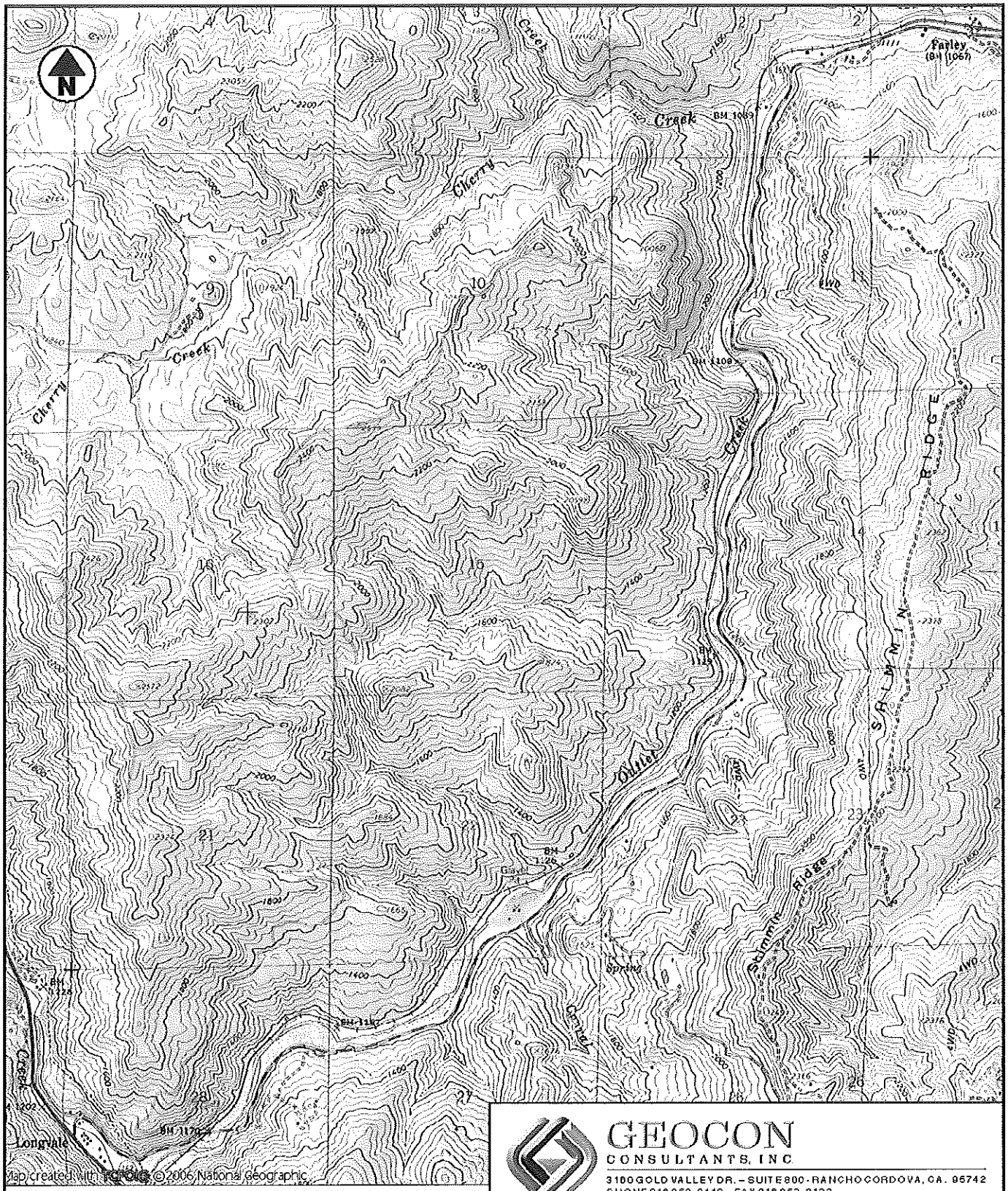
GEOCON Proj. No. 93300-06-93

Task Order No. 93

SITE PLAN
MEN 128

January 2010

Figure 5-11



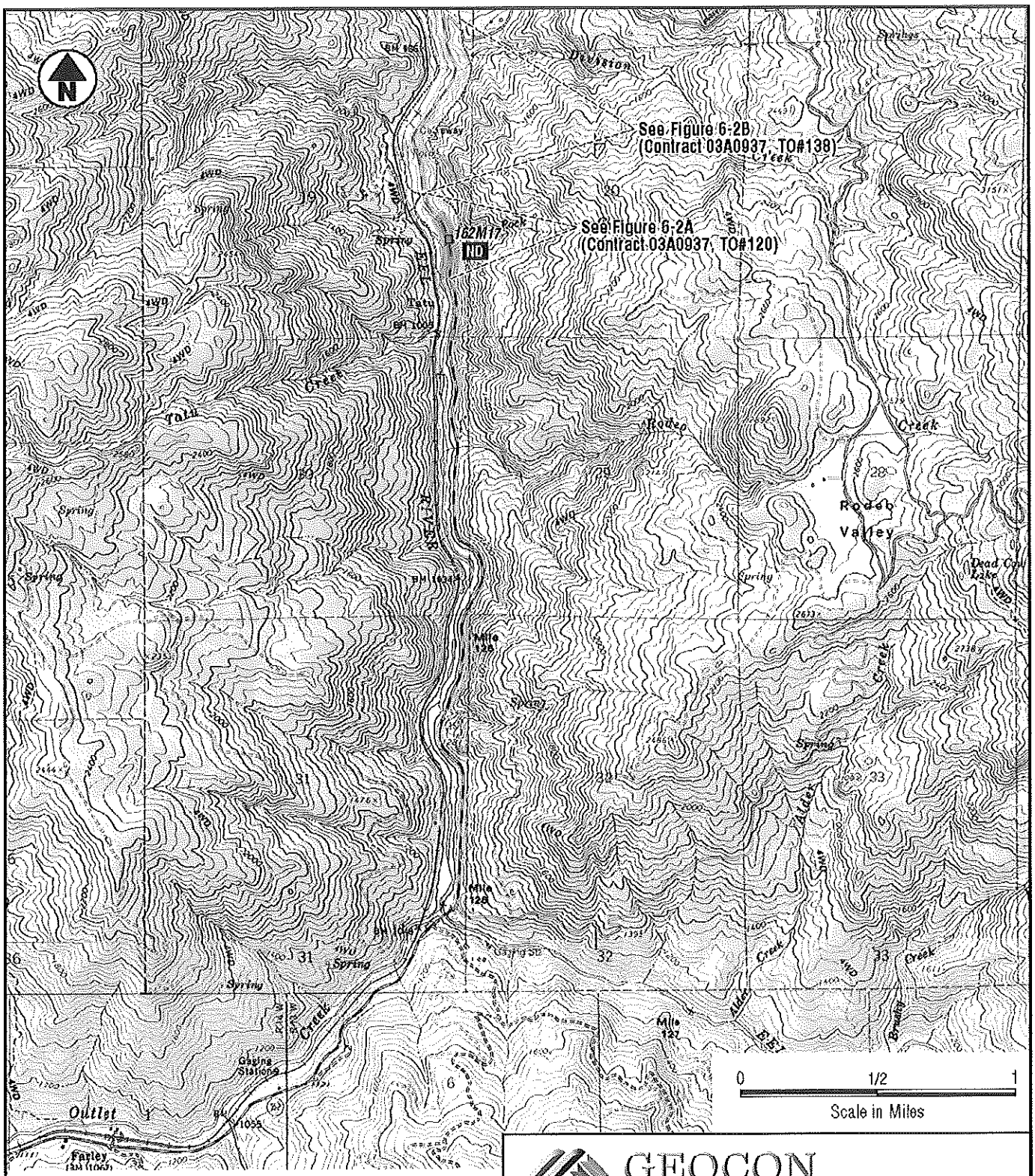
0 1/2 1

Scale in Miles

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-1

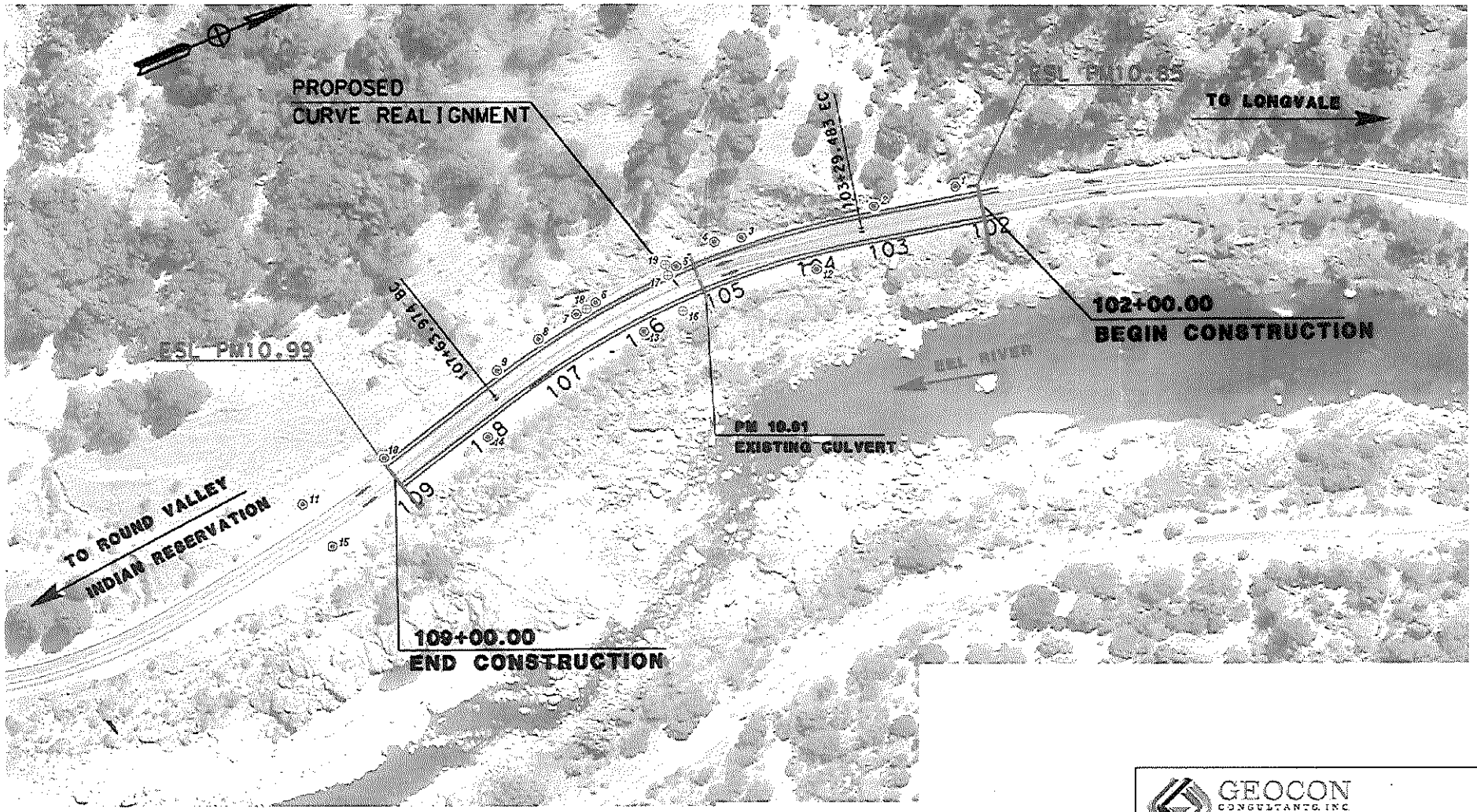


LEGEND:
- Approximate Naturally Occurring Asbestos (NOA) Sample Location
- ND NOA Not Detected
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- Previous NOA Investigation Conducted Under Separate Contract and Task Order

GEOCON
CONSULTANTS, INC
3160 GOLD VALLEY DR. – SUITE 800 – RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-2



LEGEND:

1 Approximate Naturally Occurring Asbestos (NOA) Distributed Sample Location (Contract 03A0937, TO#120)

16 Approximate Naturally Occurring Asbestos (NOA) Targeted Sample Location (Contract 03A0937, TO#120)

0 100
Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR., SUITE 800 RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 162
GEOCON Proj. No. S9800-06-93	
Task Order No. 93	January 2010 — Figure 6-2A

LEGEND:

T0138-HWY162NOA1 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

< 0.25% Percent Asbestos, California Air Resources Board Test Method 435

ND NOA Not Detected

0 500

Approx. Scale in Feet

GEOCON
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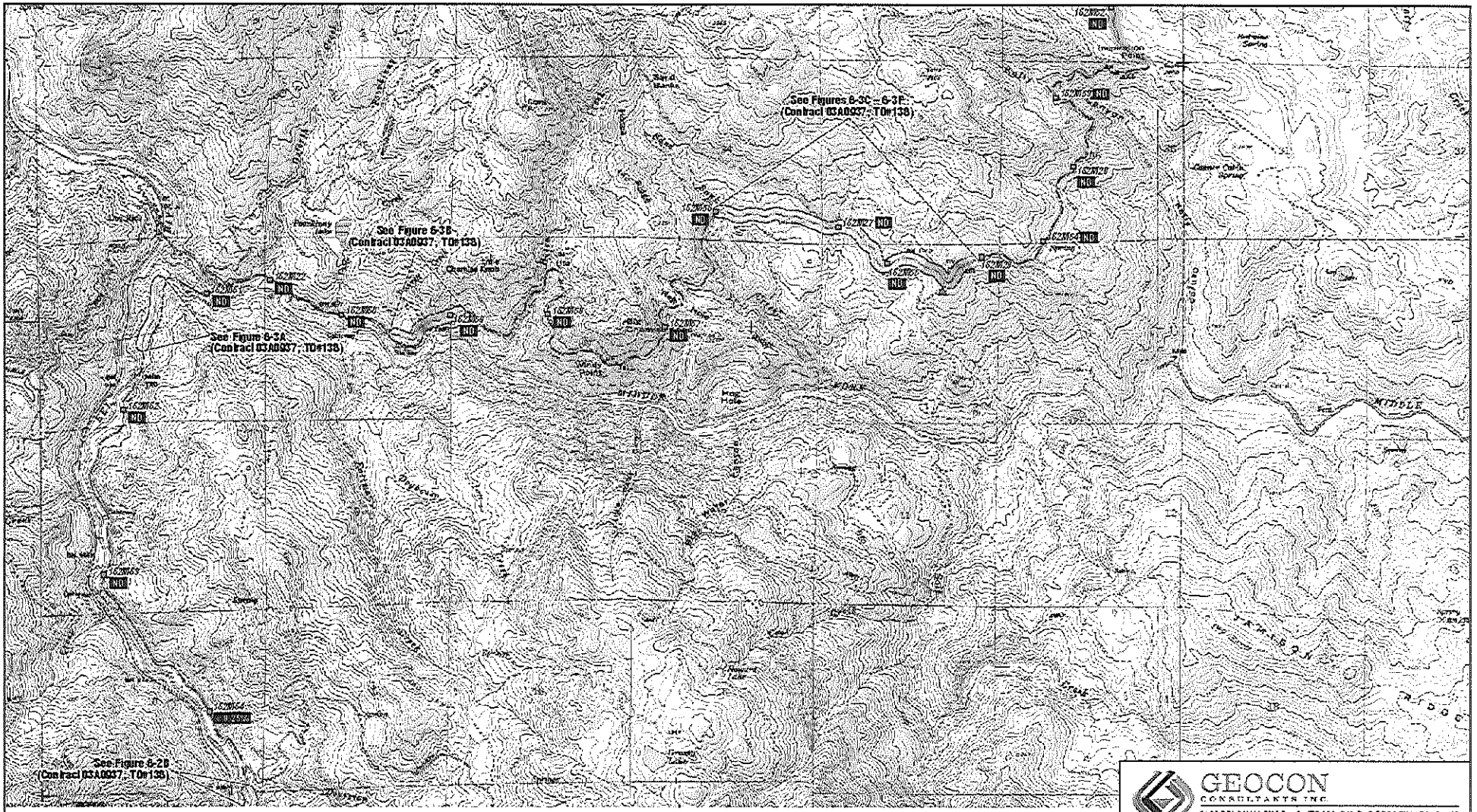
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-2B



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location
- % NOA as PLM (Polarized Light Microscopy)
- ND NOA Not Detected
- Previous NOA Investigation Conducted Under Separate Contract and Task Order
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- Approximate Location of Serpentine Outcrop

0 1/2 1
Scale in Miles

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3160 GOLD VALLEY RD., SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE (916) 852-9118 - FAX (916) 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	SITE PLAN MEN 162	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-3

LEGEND:

TO138-HWY162NOA13 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

ND NOA Not Detected

0 300
Approx. Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-3A

LEGEND:

T0138-HWY162NOA16 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

0.75% Percent Asbestos, California Air Resources Board Test Method 435

ND NOA Not Detected

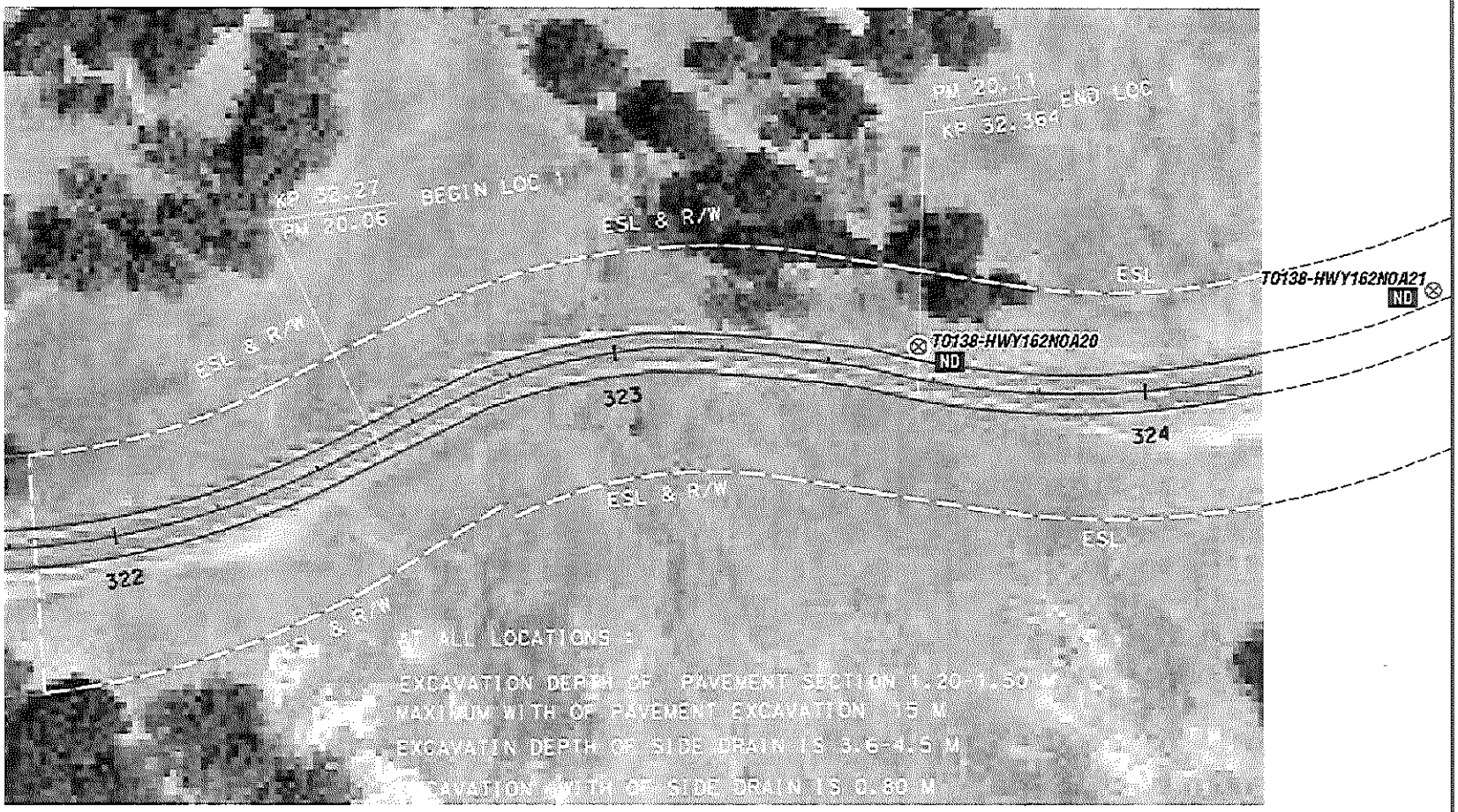
0 300

Approx. Scale in Feet

GEOCON
CONSULTANTS, INC
3160 GOLD VALLEY DR. – SUITE 800 – RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 862-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-3B



LEGEND:

T0138-HWY162NOA20 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

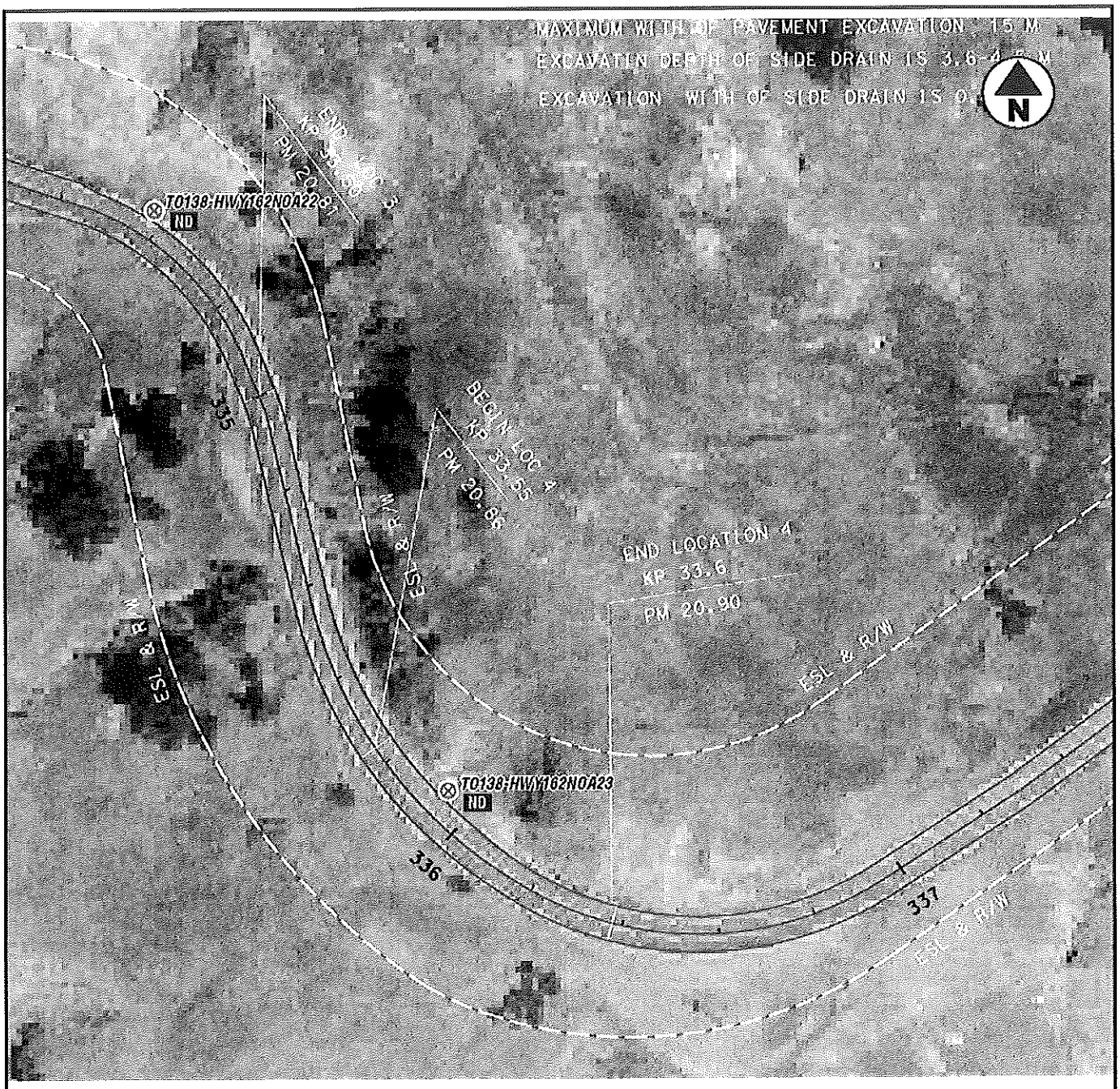
ND NOA Not Detected

0 100
Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-3C



LEGEND:

TO138-HWY162NOA23 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

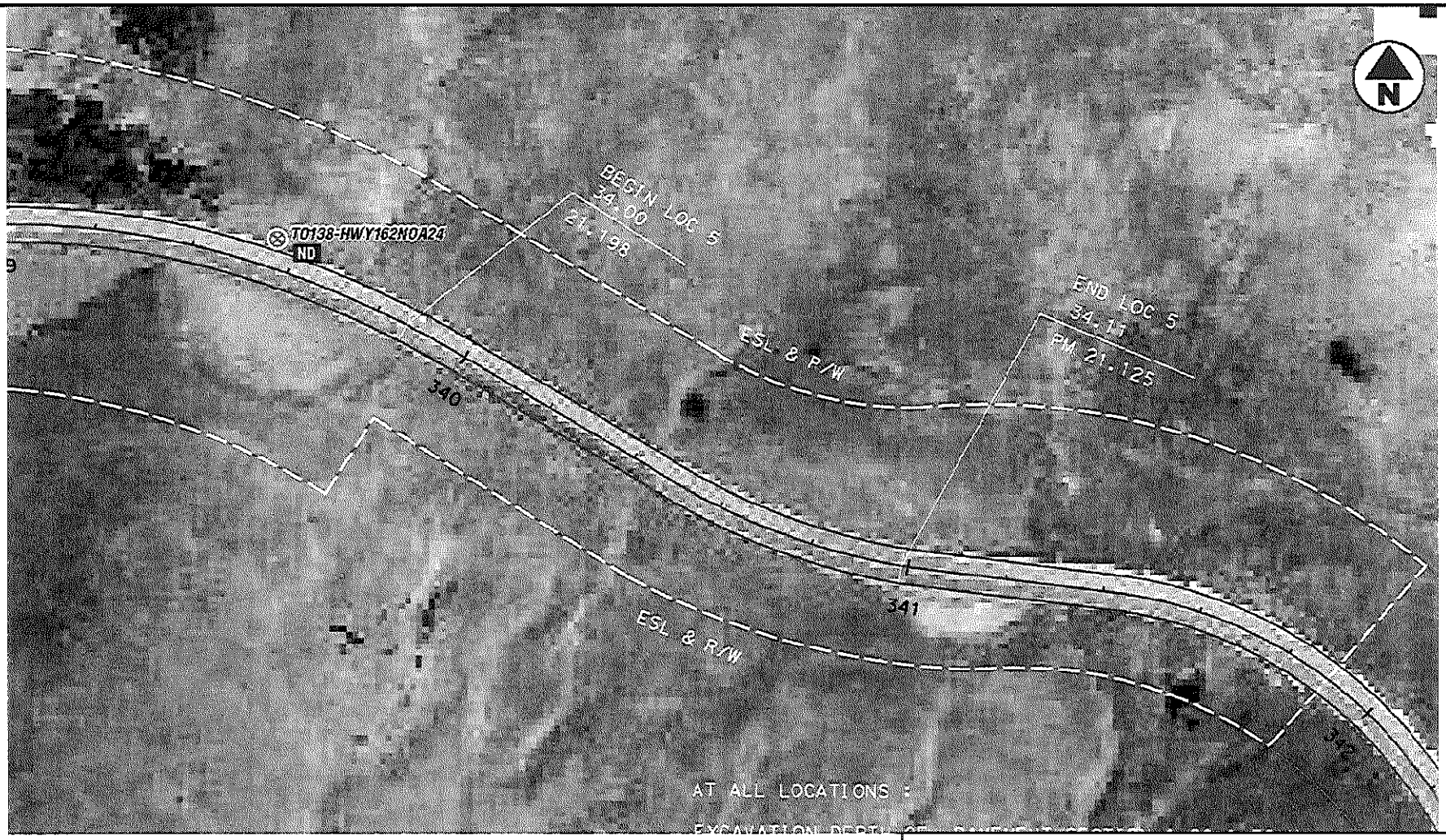
ND NOA Not Detected

0 100
Scale in Feet

GEOCON
CONSULTANTS, INC
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-3D



LEGEND:

TO138-HWY162NOA24 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

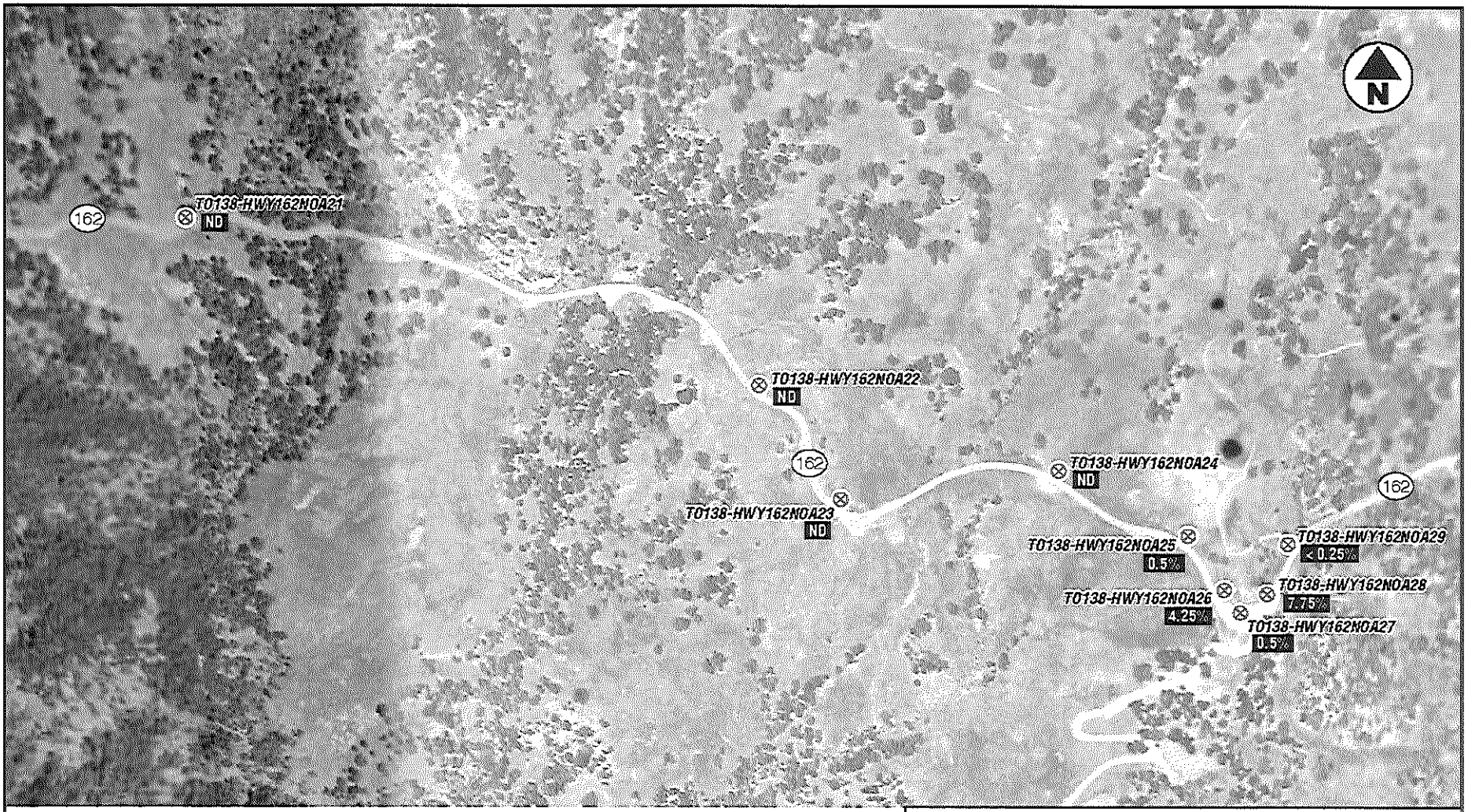
ND NOA Not Detected

0 100
Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 – RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-3E



LEGEND:

TO138-HWY162NOA21 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#138)

4.25% Percent Asbestos, California Air Resources Board Test Method 435

ND NOA Not Detected

0 700
Scale in Feet

GEOCON
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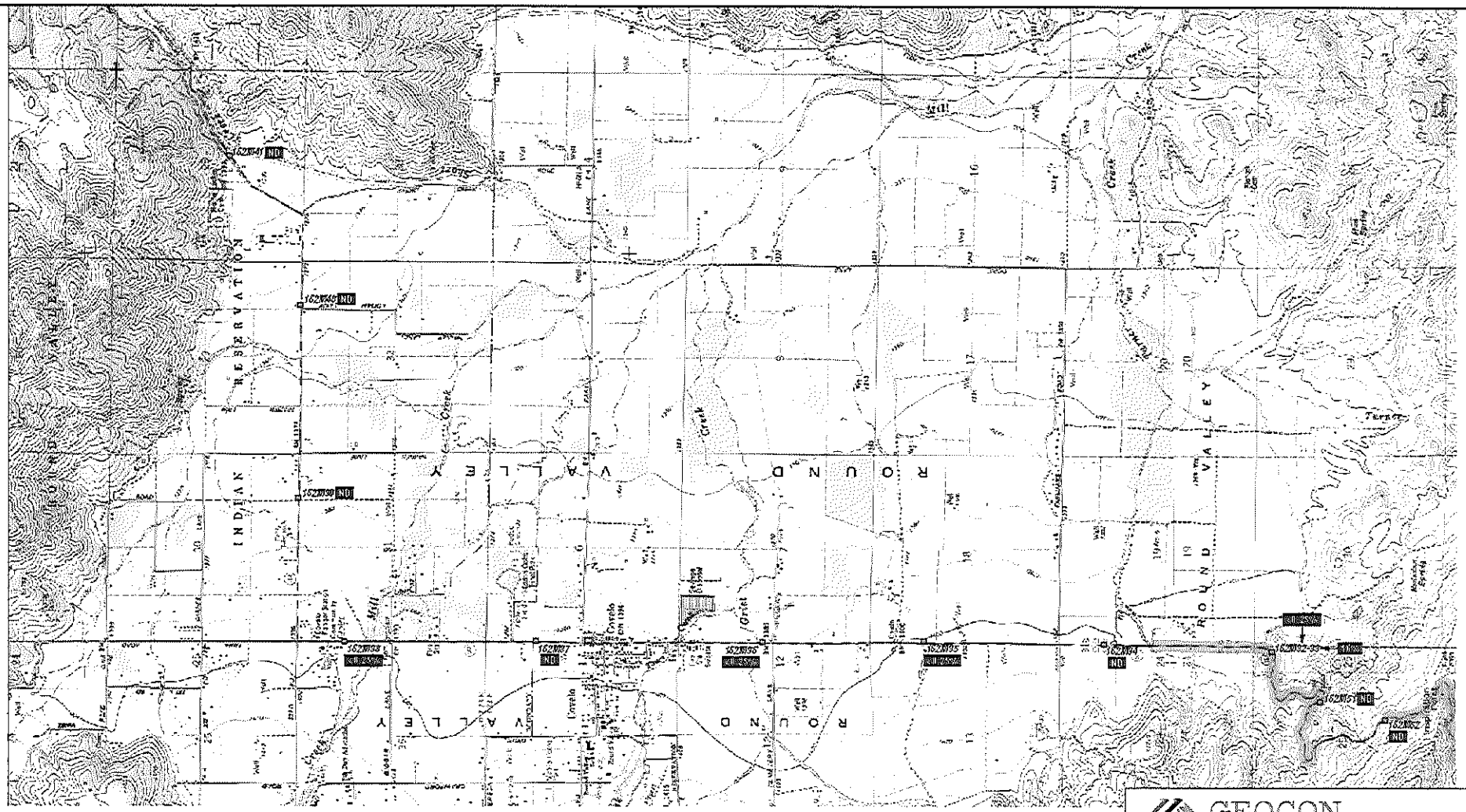
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 162**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 6-3F



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location
- % NOA as PLM (Polarized Light Microscopy)
- ND NOA Not Detected

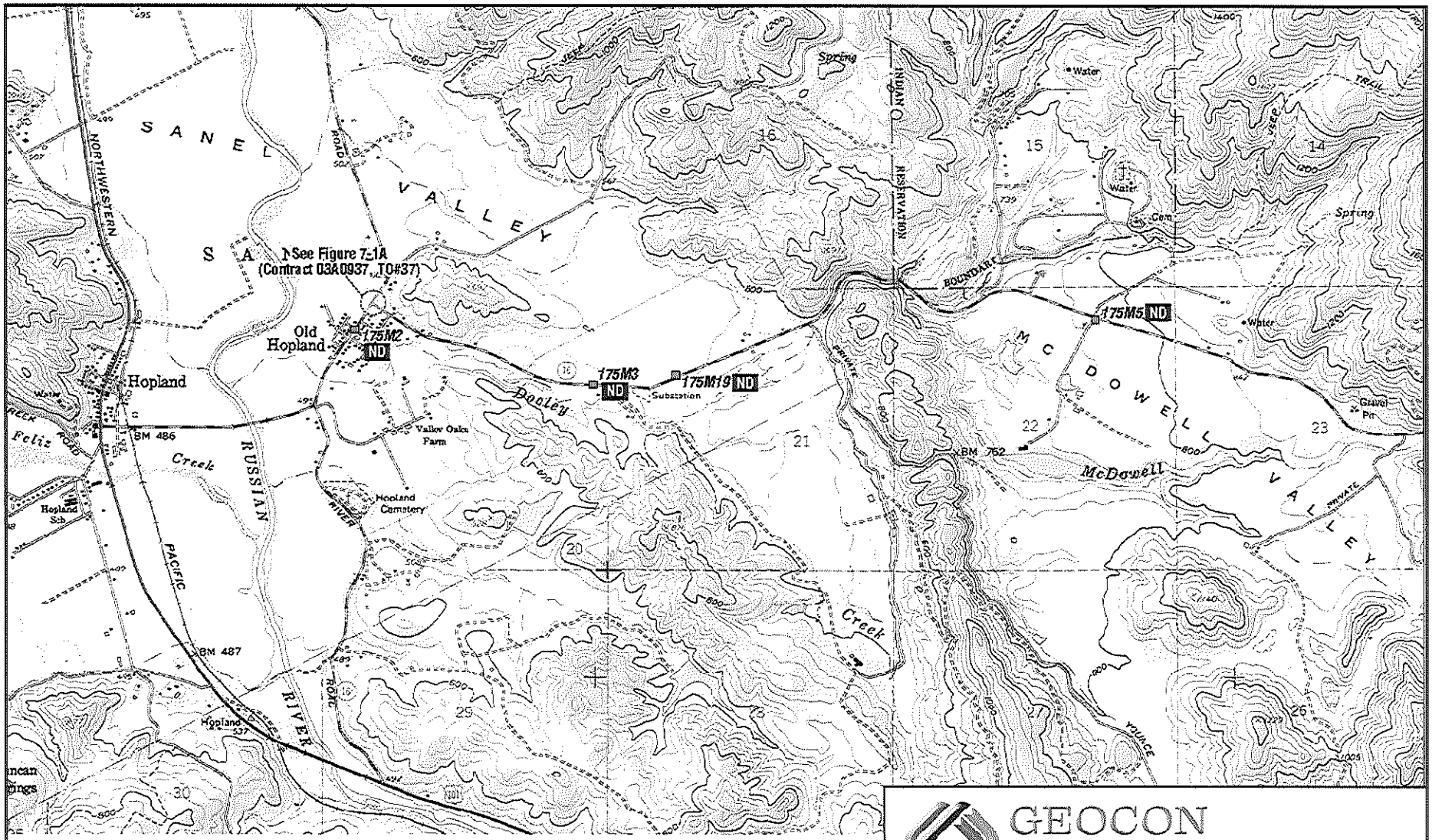
Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.

0 1/2 1
Scale in Miles

GEOCON
CONSULTANTS INC.
3160 GOLD VALLEY DR., SUITE 200 - RANCHO CORDOVA, CA. 95742
PHONE: (916) 852-9118 - FAX: (916) 852-9132

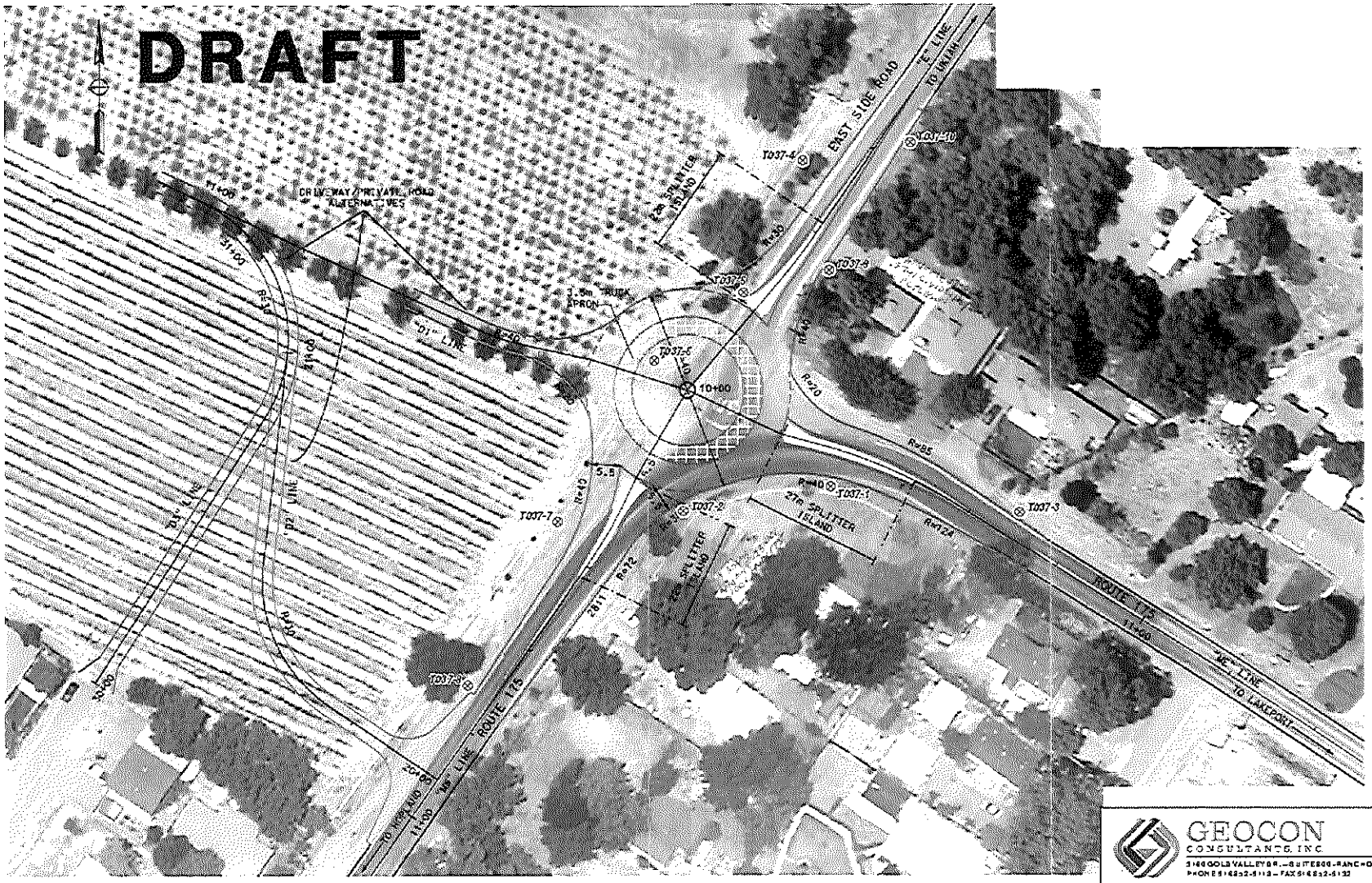
State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 162
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 6-4



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 – RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 175**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 7-1



LEGEND:

T037-1 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#37)

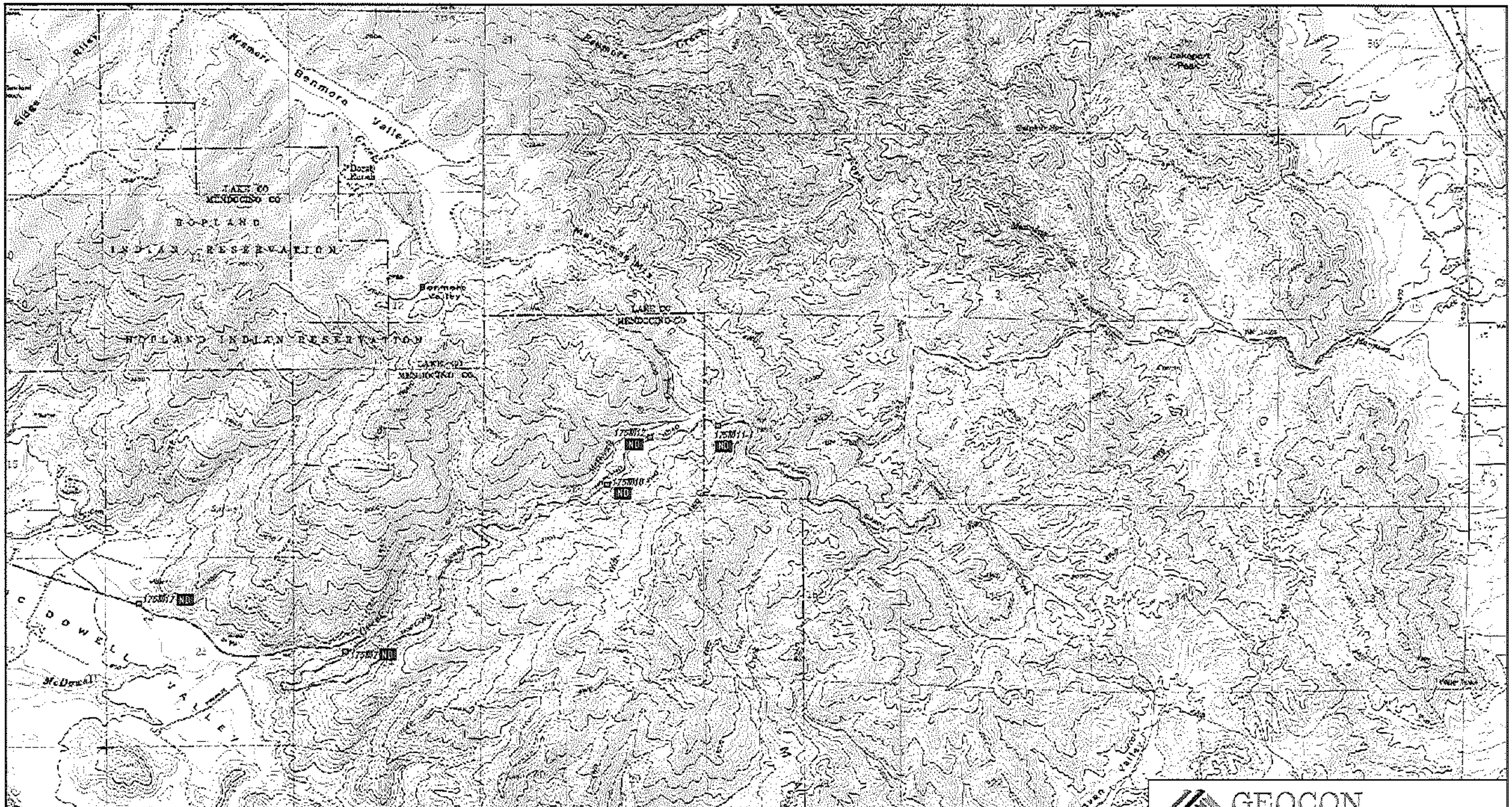
0 10 20m

Scale: 1:750

GEOCON CONSULTANTS, INC.

3160 GOLD VALLEY BLVD., SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 175**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 7-1A



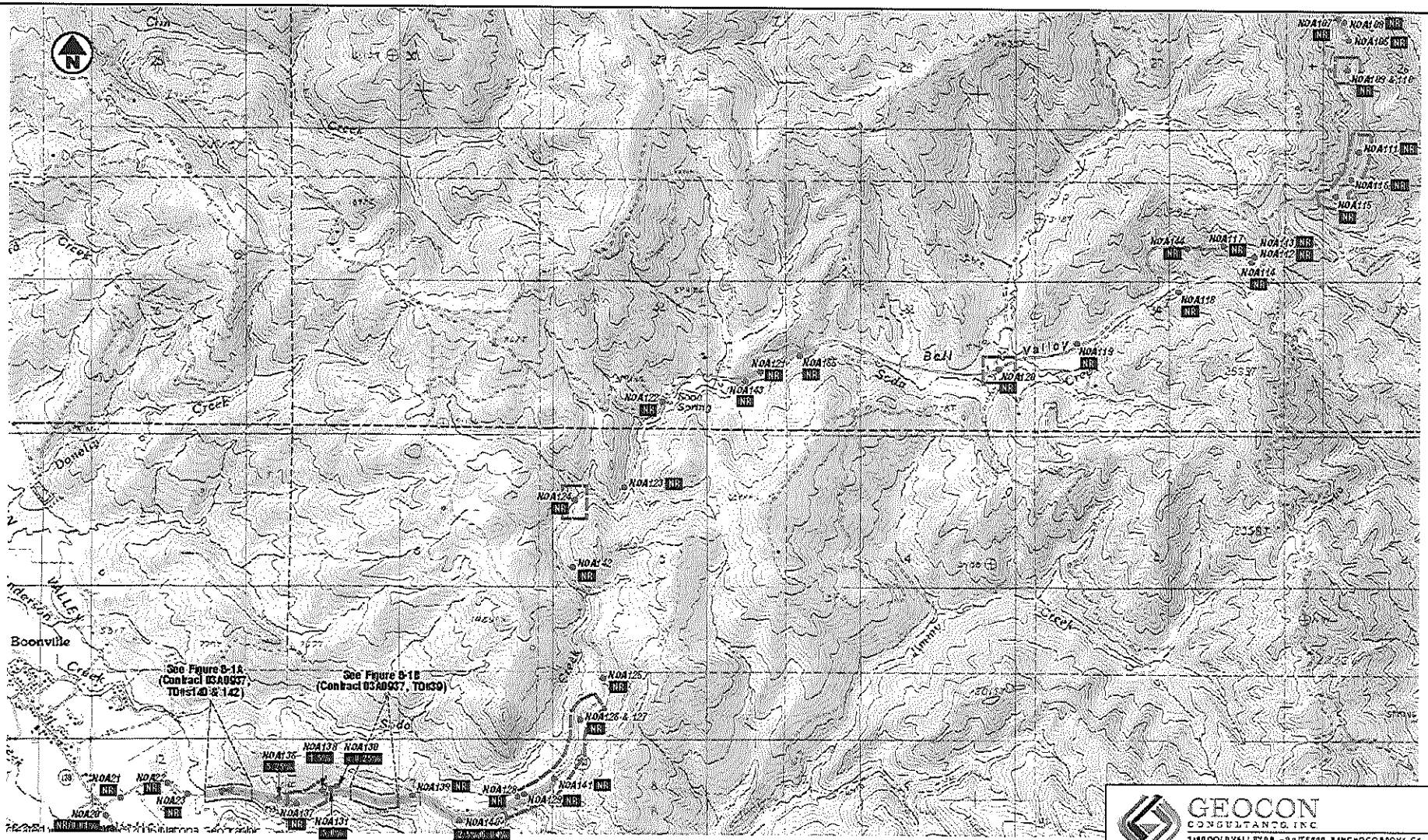
LEGEND:

▫ Approximate Naturally Occurring Asbestos (NOA) Sample Location

ND NOA Not Detected

GEOCON CONSULTANTS INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 175**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 7-2



LEGEND:

- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)
- % NOA as PLM/TEM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- NR Not Reported
- Site-specific NOA Assessment performed in this Area
- Previous NOA Investigation Conducted Under Separate Contract and Task Order

Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZP) are only depicted for results greater than or equal to 0.25%

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. T0140-Hwy 253)

0 2,000
Scale in Feet

GEOCON CONSULTANTS, INC.

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

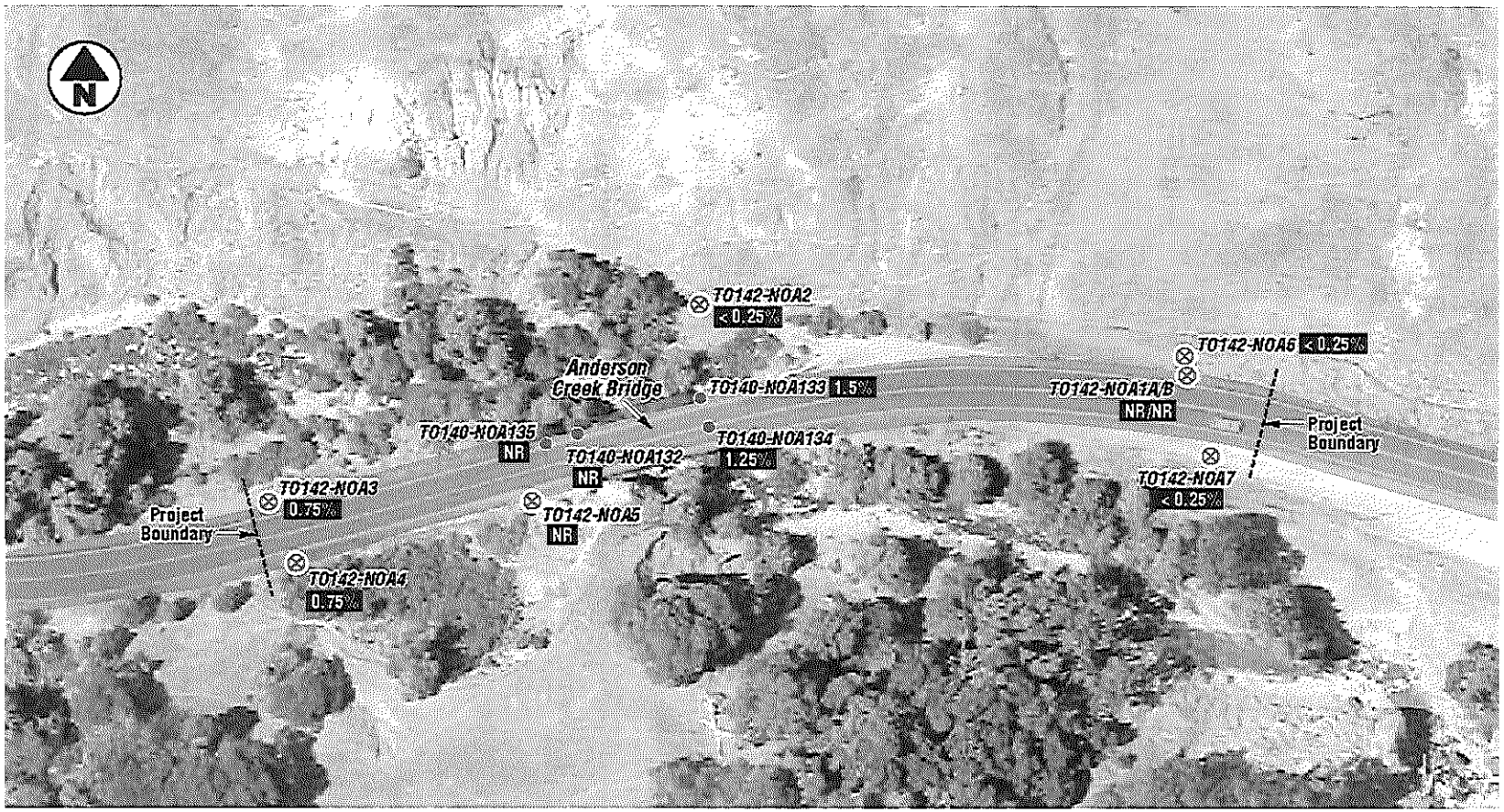
GEOCON Proj. No. S9300-06-93

Task Order No. 93

SITE PLAN MEN 253

January 2010

Figure 8-1



LEGEND: ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937,TO#142)

● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937,TO#140)

0.75% % NOA PLM (TEM analysis not performed on all samples)

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

NR Not Reported

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

0 100
Aprox. Scale in Feet

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

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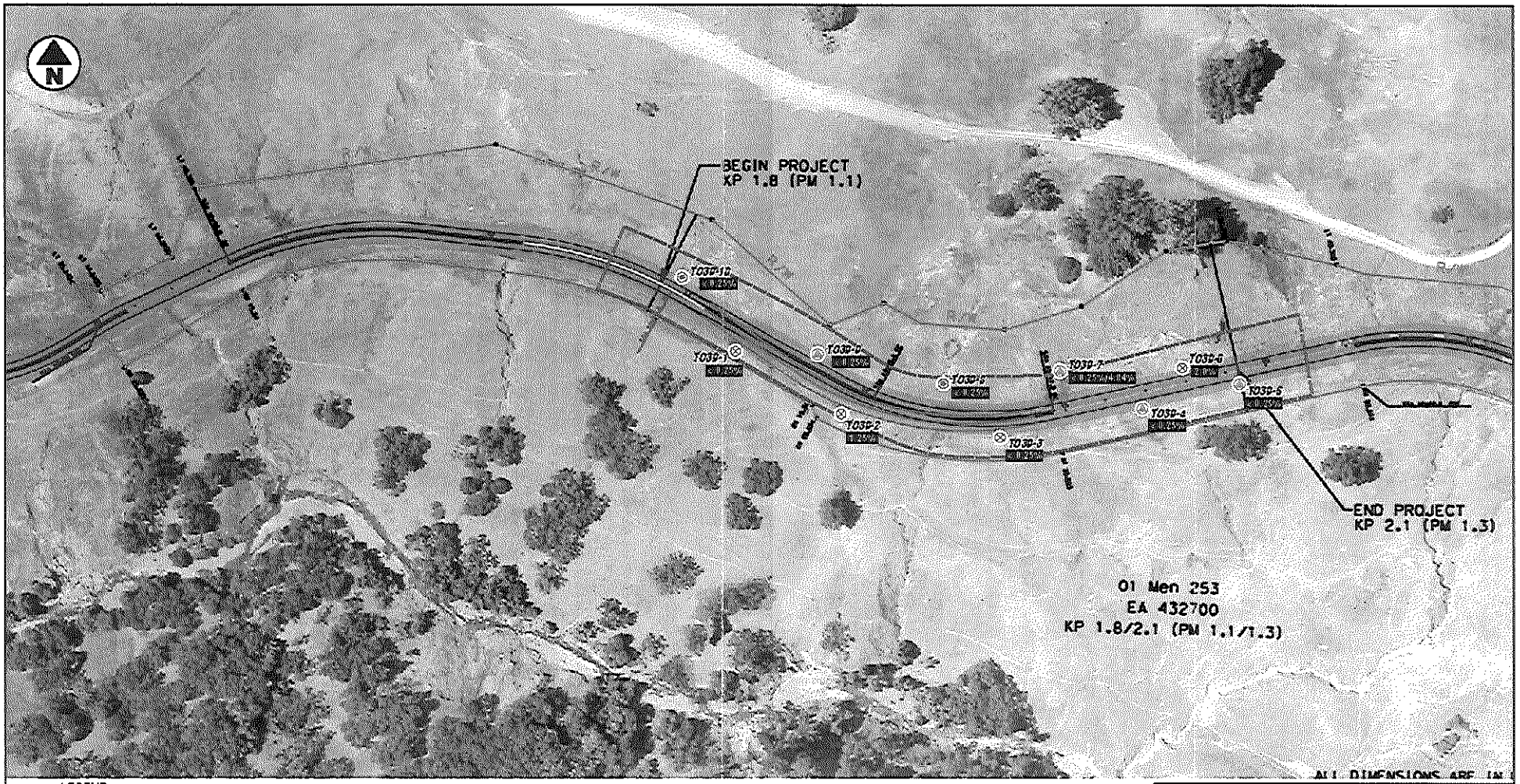
State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 253**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 8-1A



LEGEND:

- T03P-1 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#39)
- T03P-5 ⊗ Approximate Naturally Occurring Asbestos (NOA) Landslide Sample Location (Contract 03A0937, TO#39)
- T03P-4 ⊗ Approximate Naturally Occurring Asbestos (NOA) Outcrop Chip Sample Location (Contract 03A0937, TO#39)
- % Naturally Occurring Asbestos (NOA) PLM/TEM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- Site-specific NOA Assessment performed in this Area

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. T0140-Hwy 253)

0 150
Scale in Feet

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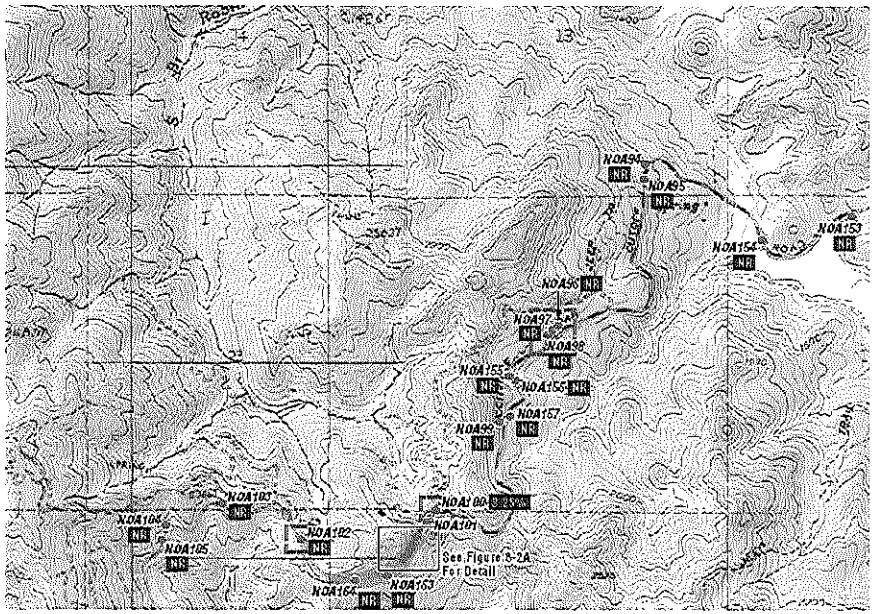
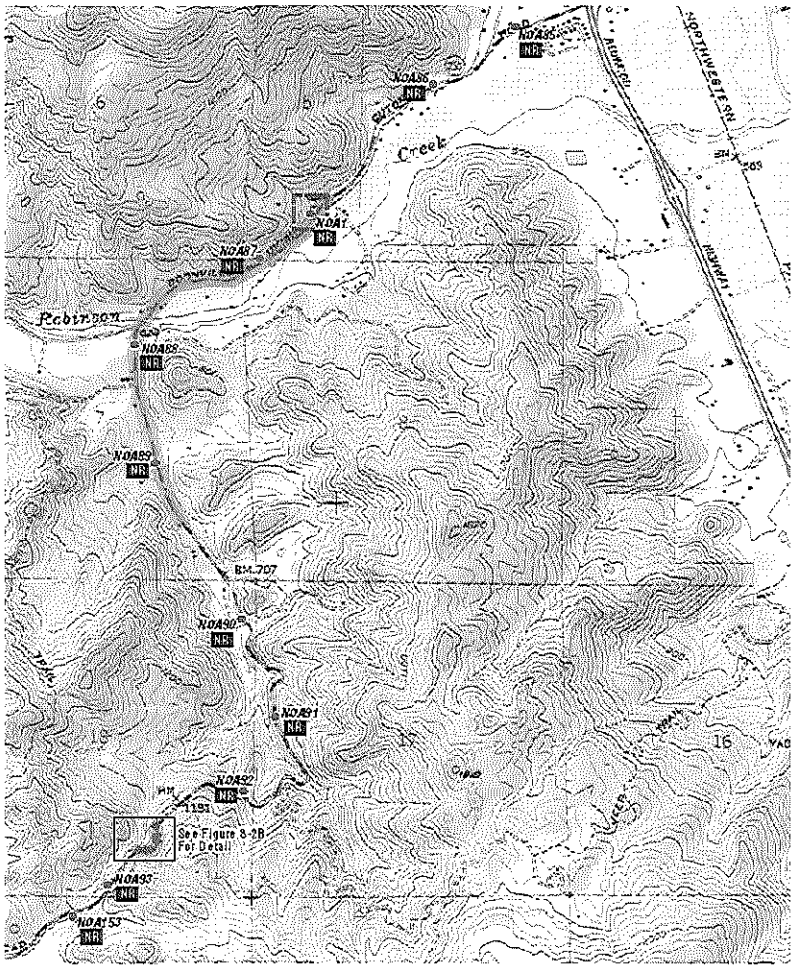
3160 GOLD VALLEY DR., SUITE 800 • RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 • FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	SITE PLAN MEN 253
GEOCON Proj. No. S9800-06-93	
Task Order No. 93	January 2010 — Figure 8-1B





LEGEND:
- Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)
- % NOA as PLM (TEM analysis not performed on all samples)
- Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.
- NR Not Reported
- Site-specific NOA Assessment performed in this Area

Note: NOA dust controls not required in areas not highlighted

Notes:
- NOA dust controls not required in areas not highlighted
- IT Corporation data (Contract 43A0078, TO# 01-378100-ZF) are only depicted for results greater than or equal to 0.25%

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. T0140-Hwy 253)

0 2,000
Scale in Feet

GEOCON
CONSULTANTS, INC.
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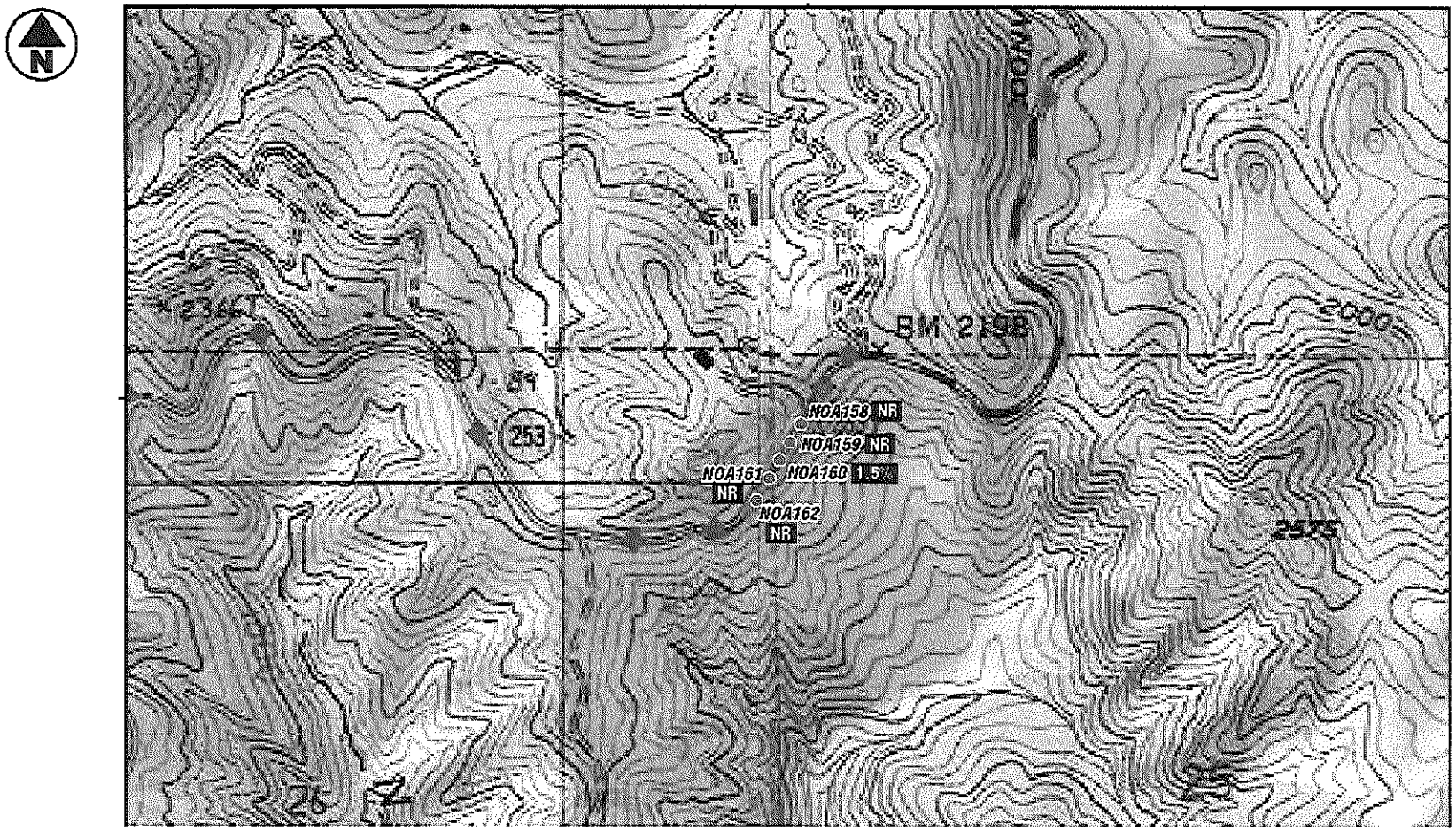
PHONE 916 853-9118 - FAX 916 853-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271	
Mendocino County, California	**SITE PLAN MEN 253**
GEOCON Proj. No. S9300-06-93	
Task Order No. 93	January 2010 — Figure 8-2



LEGEND: Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)

1.5% % NOA as PLM (TEM analysis not performed on all samples)

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

NR Not Reported

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

0 1,000
Scale in Feet

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

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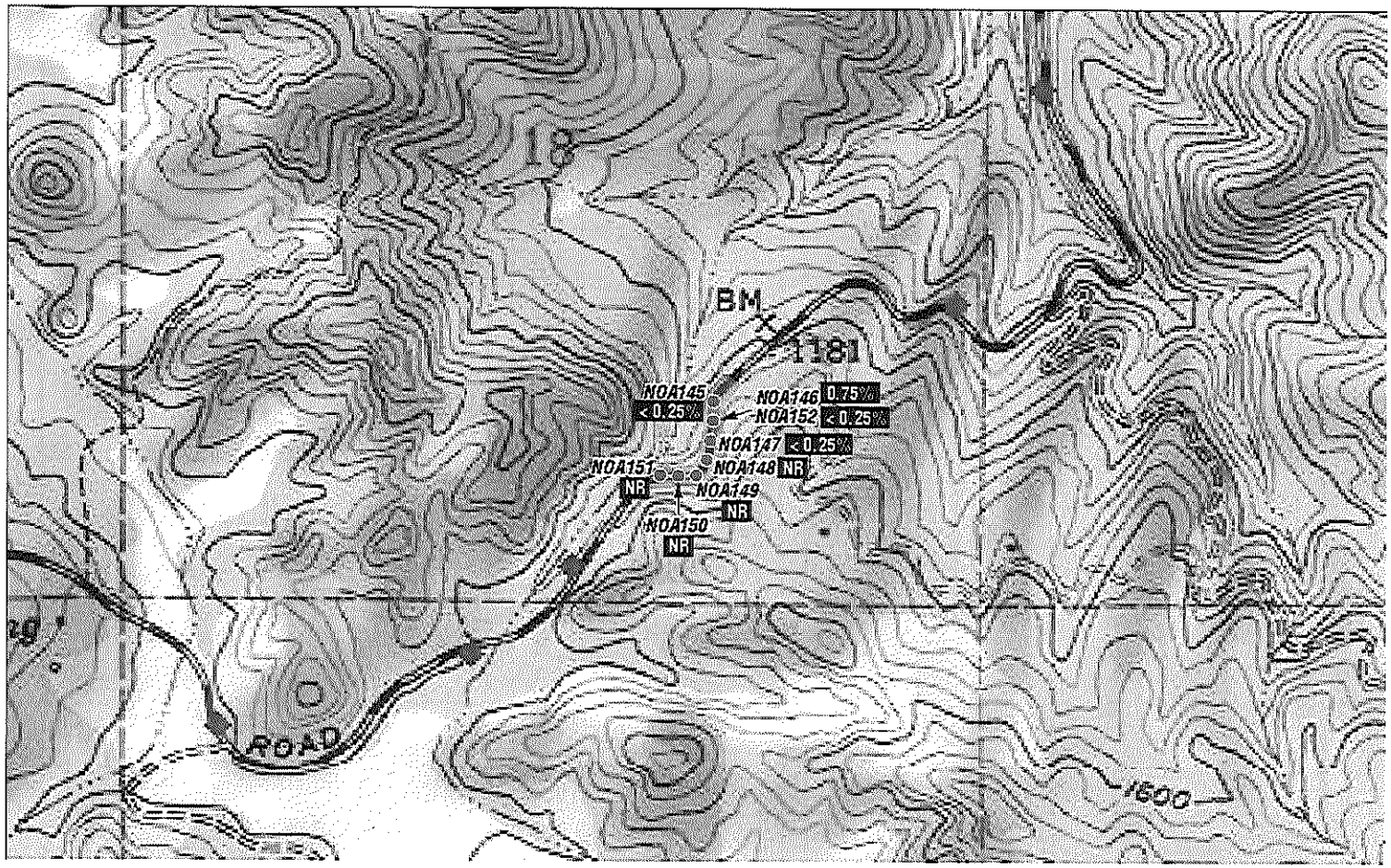
State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 253**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 8-2A



LEGEND: ● Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#140)

0.75% % NOA as PLM (TEM analysis not performed on all samples)

Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in Asbestos Dust Mitigation Plan.

NR Not Reported

Note: NOA dust controls not required in areas not highlighted

California Air Resources Board Method 435 results are presented as area percent NOA for polarized light microscopy (PLM) and as weight percent for transmission electron microscopy (TEM)

Sample numbers on chain-of-custody includes task order number & highway number (e.g. TO140-Hwy 253)

0 1,000
Scale in Feet

GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 – RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

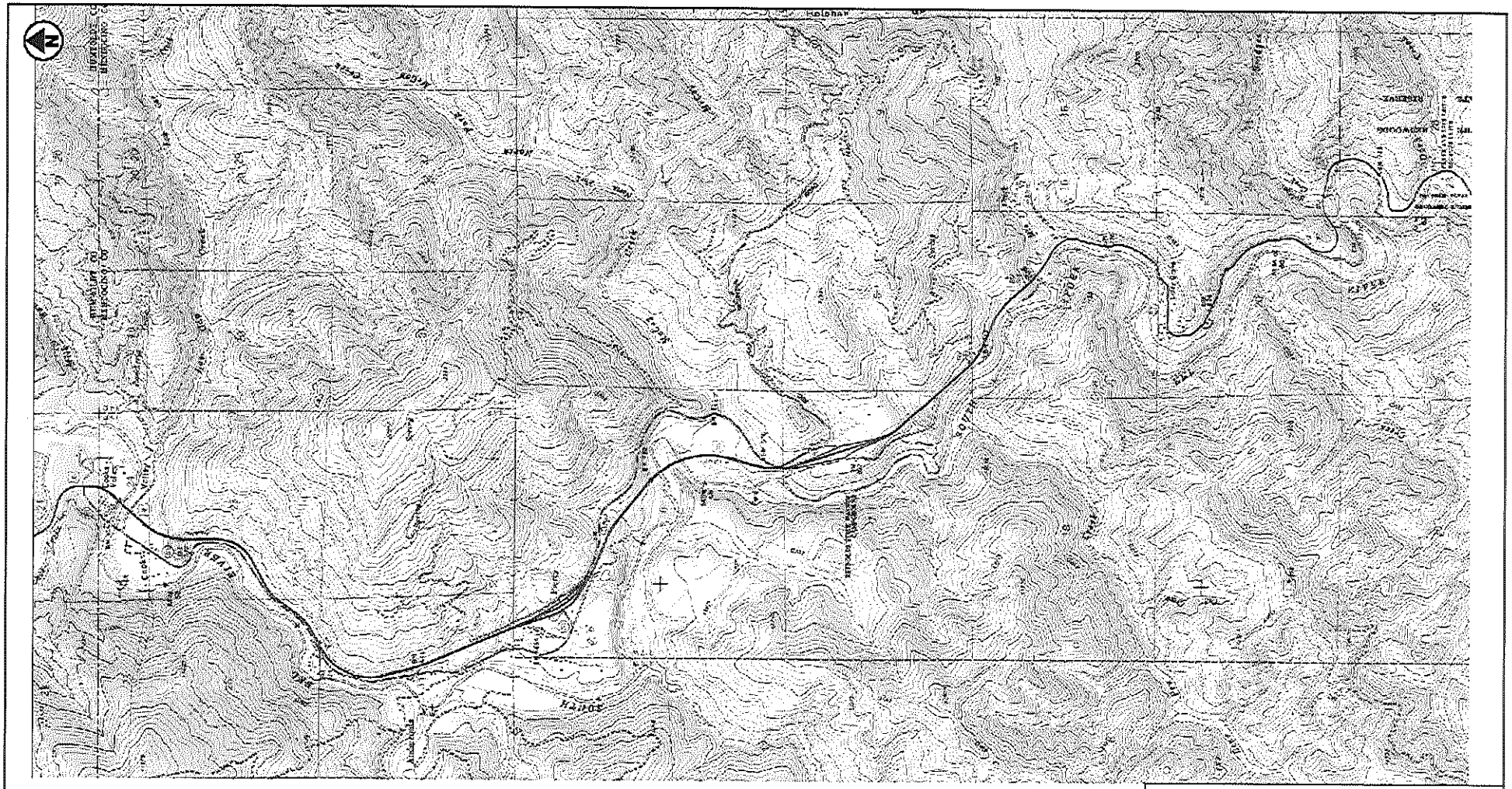
GEOCON Proj. No. S9300-06-93

Task Order No. 93

SITE PLAN MEN 253

January 2010

Figure 8-2B



0 1.2 1
Scale in Miles

GEOCON
CONSULTANTS INC.
2160 GOLD VALLEY DR., SUITE 200, RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California

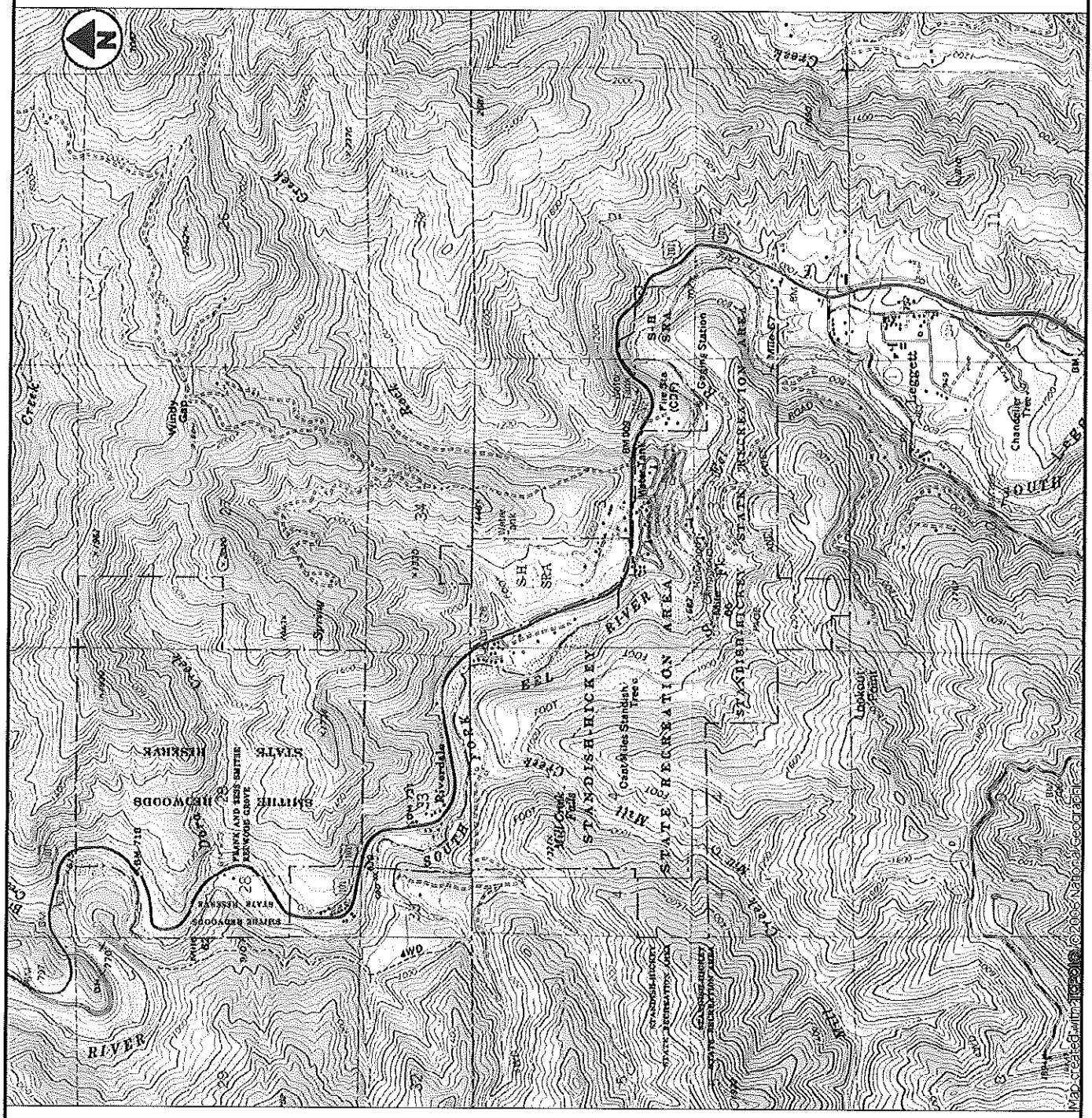
GEOCON Proj. No. S9300-06-93

Task Order No. 93

SITE PLAN
MEN 271

January 2010

Figure 9-1



0 1/2 1

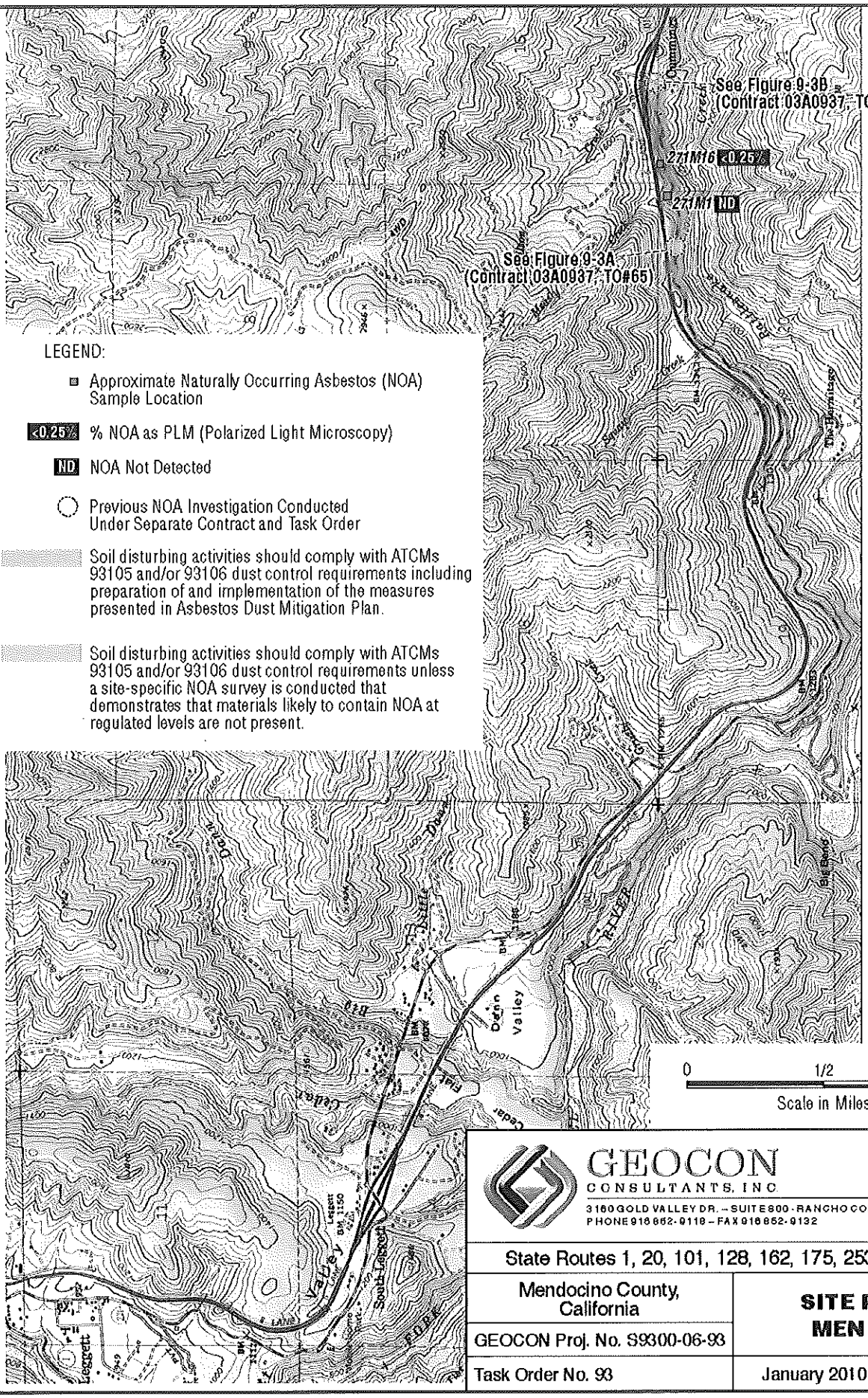
Scale in Miles

GEOCON
CONSULTANTS, INC

3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

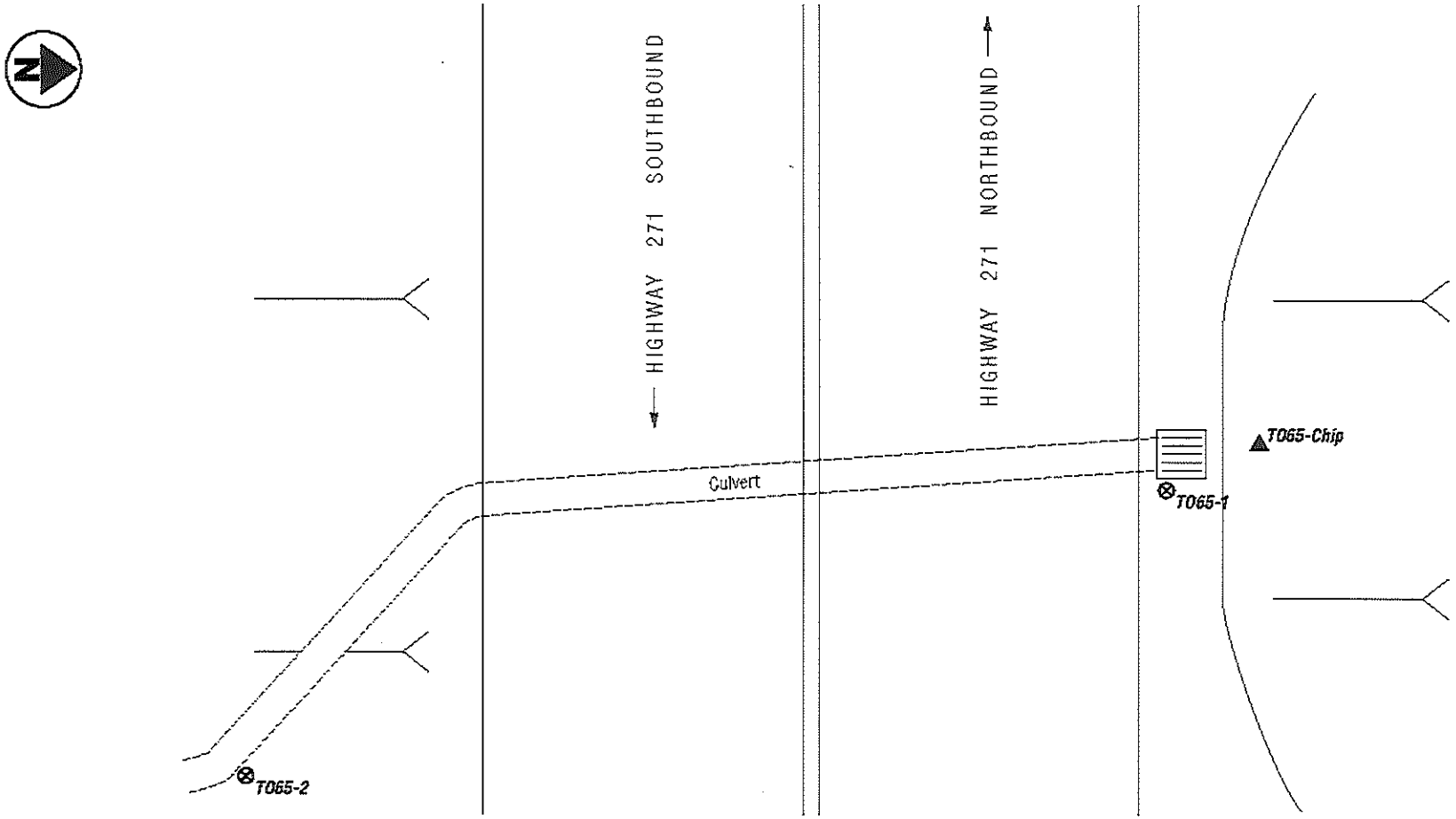
Mendocino County, California	**SITE PLAN MEN 271**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 9-2



GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 – RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 271**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 9-3



LEGEND:

T065-1 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#65)

T065-Chip ▲ Approximate Naturally Occurring Asbestos (NOA) Rock Chip Sample Location (Contract 03A0937, TO#65)

0 10
Approx. Scale in Feet

GEOCON
CONSULTANTS, INC.
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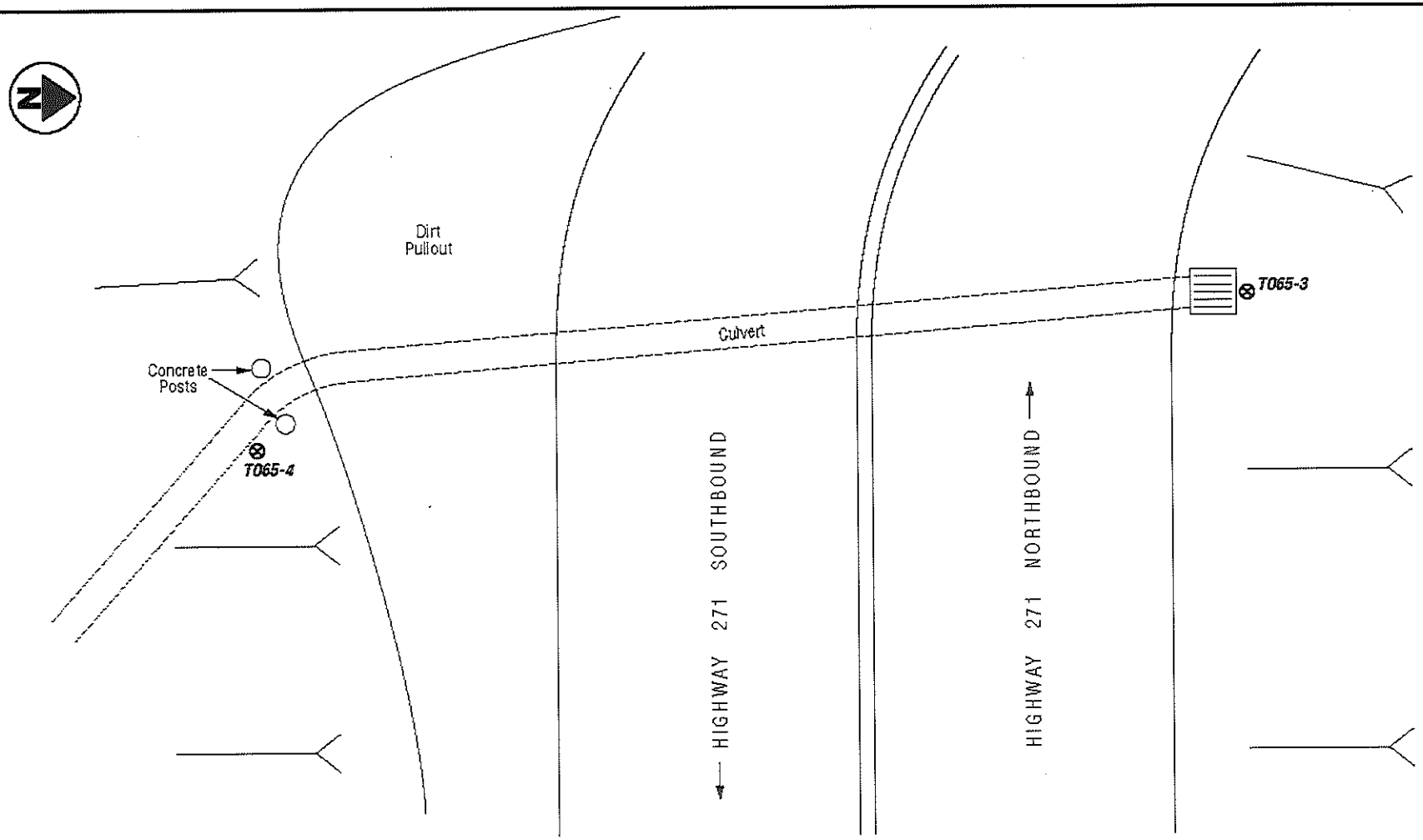
State Routes 1, 20, 101, 128, 162, 175, 253 and 271		
Mendocino County, California	**SITE PLAN MEN 271**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 9-3A



LEGEND:

T065-1 ⊗ Approximate Naturally Occurring Asbestos (NOA) Sample Location (Contract 03A0937, TO#65)

0 10
Approx. Scale in Feet

GEOCON
CONSULTANTS, INC.
3160 GOLD VALLEY DR. – SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 – FAX 916 852-9132

State Routes 1, 20, 101, 128, 162, 175, 253 and 271

Mendocino County, California	**SITE PLAN MEN 271**	
GEOCON Proj. No. S9300-06-93		
Task Order No. 93	January 2010	Figure 9-3B

TABLE I
SUMMARY OF EXPENSE AUTHORIZATIONS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

EA	COUNTY	ROUTE	BEGINNING POST MILE	ENDING POST MILE	LOCATION TYPE	NUMBER OF LOCATIONS
464200	MEN	1	0.05	105.49	MBGR	129
36432	MEN	1	3.87	47.19	Culverts	25
472901	MEN	1	7.32	76.10	Storm Repair	5
46580	MEN	1	14.7	21.8	Bike Trail	1
31010	MEN	1	33.4	33.9	Bridge	1
47480	MEN	1	38.5	38.8	Re-Alignment	1
474801	MEN	1	38.50	38.75	Storm Repair	1
48470	MEN	1	40.1	40.9	MBGR	1
48020	MEN	1		59.3	Simpson Intersection	1
474901	MEN	1	70.50	70.52	Storm Repair	1
47260	MEN	1	82	82.3	Viaduct	1
472601	MEN	1	82.05	82.25	Storm Repair	2
473801	MEN	1	85.40	92.40	Storm Repair	2
38572	MEN	1	92.8	92.8	Fish Passage	1
472801	MEN	1	95.20	102.38	Storm Repair	4
464200	MEN	20	0.27	43.31	MBGR	36
36432	MEN	20	2.7	32.72	Culverts	51
48210	MEN	20	4.7	4.9	Gravel Pit	1
477301	MEN	20	9.38	15.09	Storm Repair	2
473901	MEN	20	25.94	26.02	Storm Repair	2
48910	MEN	20	38.5	42.3	Rumble Strip	1
37817	MEN	128	0.18	11.10	Culverts	76
464200	MEN	128	0.62	50.73	MBGR	65
37811	MEN	128	2.77	16.57	Culverts	7
37814	MEN	128	10.58	23.30	Culverts	21
37816	MEN	128	14.30	40.63	Culverts	51
37813	MEN	128	30.14	48.44	Culverts	22
476601	MEN	128	35.10		Storm Repair	1
37815	MEN	128	40.85	50.00	Culverts	25
37812	MEN	128	48.61	50.29	Culverts	7
474101	MEN	128	50.50	50.94	Storm Repair	2
464200	MEN	162	0.02	34.05	MBGR	22
474201	MEN	162	10.50	11.50	Storm Repair	1
476301	MEN	162	11.00	12.00	Storm Repair	1
476501	MEN	162	14.00	19.51	Storm Repair	3
476401	MEN	162	19.75	21.50	Storm Repair	5
464200	MEN	175	0.10	9.40	MBGR	23
477101	MEN	175	5.90	9.30	Storm Repair	3
464200	MEN	253	0.50	17.16	MBGR	25
37815	MEN	253	0.99	17.15	Culverts	35
476101	MEN	253	1.75	2.25	Storm Repair	2
37812	MEN	253	3.30	13.36	Culverts	14
47620	MEN	253	7.2	8.3	Slipouts	1
476201	MEN	253	7.25	8.25	Storm Repair	1
47600	MEN	253	7.7	11	Storm Repair	1
476001	MEN	253	7.75	11.00	Storm Repair	3
37811	MEN	253	11.80	16.57	Culverts	5
464200	MEN	271	0.00	22.65	MBGR	20

Notes: MEN = Mendocino County
MBGR = Metal Beam Guard Rail

TABLE 2
SUMMARY OF PREVIOUS NOA SURVEYS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

CONSULTANT	ROUTE	POST MILES	PROJECT NO.	CONTRACT NO.	TASK ORDER NO.
Geocon	20	0.0 - 44.0	S8875-06-141	03A0937	141
Geocon	20	25.92 - 25.97	S8875-06-138	03A0937	138
Geocon	20	33.3 - 37.9	S8875-06-46	03A0937	46
Geocon	101	0.0 - 106.8	S8875-06-141	03A0937	141
Geocon	101	5.0 - 5.4	S9230-06-03	43A0199	03
Geocon	101	5.8 - 9.2	S8225-06-114	43A0012	01-301701-UJ
Geocon	101	36.0 -37.0 38.2 - 38.3	S8875-06-138	03A0937	138
Shaw	101	37.4 - 38.8	103094.0101	43A0078	01-410701-ZS
Shaw	101	39.4 - 40.9	103096.0101	43A0078	01-413001-ZR
Geocon	128	0.0 - 50.1	S8875-06-140	03A0937	140
IT	128	24.55 - 50.59	833550/01010000	43A0078	01-378100-ZF
Geocon	128	50.43 50.88	S8875-06-138	03A0937	138
Geocon	128	35.0- 35.2	S8225-06-119	43A0012	01-35940K-UL
Geocon	128	39.6 - 39.9	S8225-06-99	43A0012	01-402600-UH
Geocon	162	10.7 - 11.1	S8875-06-120	03A0937	120
Geocon	162	11.0 - 12.0 14.2 - 14.6 16.5 - 16.75 19.25 - 19.75 19.76 - 21.44	S8875-06-138	03A0937	138
Geocon	175	1.1 -1.2	S8875-06-37	03A0937	37
Geocon	253	0.0 - 17.15	S8875-06-140	03A0937	140
IT	253	0.99 - 17.15	833550/01010000	43A0078	01-378100-ZF
Geocon	253	0.5 - 3.5	S8875-06-142	03A0937	142
Geocon	253	1.1 - 1.3	S8875-06-39	03A0937	39
Geocon	271	0.1 - 0.78	S8875-06-65	03A0937	65

Notes: Shaw = Shaw Environmental Inc.
IT = IT Corporation

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
1	33	1M136-0.75	---	---	S9300-06-93	ND	---	ND
1	33	1M139-0.75	---	---	S9300-06-93	ND	---	ND
20	0.1 - 0.51	20ENOA-31 20WNOA-136 20ENOA-32	---	---	S8875-06-141	ND	---	ND
20	0.51	20ENOA-32A	---	---	S8875-06-141	ND	---	ND
20	1.0 -1.99	20WNOA-135 20ENOA-33 20WNOA-134	---	---	S8875-06-141	ND	ND	ND
20	2.51	20ENOA-34	---	---	S8875-06-141	ND	---	ND
20	2.70	20WNOA-133C	---	---	S8875-06-141	ND	---	ND
20	3.01	20WNOA-132A	---	---	S8875-06-141	ND	---	ND
20	3.01 - 3.65	20WNOA-132 20WNOA-131 20ENOA-35	---	---	S8875-06-141	ND	---	ND
20	4.1 - 4.55	20ENOA-36 20ENOA-37	---	---	S8875-06-141	ND	---	ND
20	4.42	20WNOA-130C	---	---	S8875-06-141	ND	---	ND
20	5.04 - 5.5	20WNOA-129 20ENOA-38	---	---	S8875-06-141	ND	---	ND
20	5.91	20ENOA-39C	---	---	S8875-06-141	ND	---	ND
20	6.0 - 6.99	20ENOA-39 20ENOA-43 20WNOA-128	---	---	S8875-06-141	ND	---	ND
20	6.02	20ENOA-40C	---	---	S8875-06-141	ND	---	ND
20	6.22	20ENOA-41C	---	---	S8875-06-141	ND	---	ND
20	6.30	20ENOA-42C	---	---	S8875-06-141	ND	---	ND
20	6.77	20ENOA-44C	---	---	S8875-06-141	ND	---	ND
20	7.43 - 7.5	20ENOA-45 20WNOA-127	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
20	8.01 -8.97	20WNOA-126 20ENOA-46 20WNOA-125 20WNOA-124	---	---	S8875-06-141	ND	---	ND
20	9.49 - 9.52	20WNOA-123 20ENOA-47	---	---	S8875-06-141	ND	---	ND
20	9.52	20ENOA-47A	---	---	S8875-06-141	ND	---	ND
20	10.03 - 10.99	20WNOA-122 20ENOW-85 20WNOA-121 20ENOA-49	---	---	S8875-06-141	ND	ND	ND
20	10.09	20ENOA-48C	---	---	S8875-06-141	ND	---	ND
20	11.49	20WNOA-120A	---	---	S8875-06-141	ND	---	ND
20	11.49 - 11.99	20ENOA-50 20WNOA-120 20ENOA-51	---	---	S8875-06-141	ND	ND	ND
20	12.50	20ENOA-52	---	---	S8875-06-141	ND	---	ND
20	13.01 - 13.6	20ENOA-53 20ENOA-54	---	---	S8875-06-141	ND	---	ND
20	13.76	20ENOA-86C	---	---	S8875-06-141	ND	---	ND
20	14.02 -14.6	20WNOA-119 20ENOA-56	---	---	S8875-06-141	ND	---	ND
20	14.56	20ENOA-55C	---	---	S8875-06-141	ND	---	ND
20	15.03	20WNOA-118C	---	---	S8875-06-141	ND	---	ND
20	15.09	20WNOA-117C	---	---	S8875-06-141	ND	---	ND
20	15.45	20ENOA-57	---	---	S8875-06-141	ND	---	ND
20	16.42	20ENOA-58C	---	---	S8875-06-141	ND	---	ND
20	16.5 - 16.94	20ENOA-59 20ENOA-60	---	---	S8875-06-141	ND	---	ND
20	.17.05	20ENOA-61C	---	---	S8875-06-141	ND	---	ND
20	17.5 - 17.98	20ENOA-62 20WNOA-116	---	---	S8875-06-141	ND	---	ND
20	18.40	20ENOA-63	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
20	19.06 - 19.89	20ENOA-65 20ENOA-64 20ENOA-66 20ENOA-66	---	---	S8875-06-141	ND	---	ND
20	20.48	20ENOA-67A	---	---	S8875-06-141	ND	---	ND
20	20.48 - 21.03	20ENOA-67 20WNOA-115	---	---	S8875-06-141	ND	---	ND
20	21.31 - 21.64	20ENOA-68 20WNOA-114 20ENOA-69	---	---	S8875-06-141	ND	ND	ND
20	22.05 - 22.99	20WNOA-111 20WNOA-112 20WNOA-113 20ENOA-70	---	---	S8875-06-141	ND	---	ND
20	22.47	20ENOA-70A	---	---	S8875-06-141	ND	---	ND
20	23.6 - 24.1	20WNOA-110 20WNOA-109	---	---	S8875-06-141	ND	---	ND
20	24.15 - 24.98	20WNOA-108 20WNOA-107 20ENOA-71 20ENOA-72	---	---	S8875-06-141	ND	---	ND
20	25.49 - 25.9	20WNOA-106 20ENOA-73 20ENOA-74	---	---	S8875-06-141	ND	---	ND
20	25.92	TO138 HWY 20 NOA1	---	---	S8875-06-138	ND	---	ND
20	26.02 - 27.05	20WNOA-105 20WNOA-104 20ENOA-87 20ENOA-88	---	---	S8875-06-141	ND	---	ND
20	26.40	20ENOA-87C	---	---	S8875-06-141	ND	---	ND
20	27.05	20ENOA-88A	---	---	S8875-06-141	ND	ND	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
20	27.07 - 27.8	20WNOA-102 20WNOA-103 20ENOA-89 20ENOA-90	—	—	S8875-06-141	ND	0.08	ND/Chrysotile
20	27.47	20WNOA-102A	—	—	S8875-06-141	ND	—	ND
20	28.1 - 28.69	20WNOA-83 20WNOA-84 20ENOA-91 20ENOA-92	—	—	S8875-06-141	ND	<0.01	ND/Chrysotile
20	29.0 - 30.09	20WNOA-81 20WNOA-82 20ENOA-93 20ENOA-94	—	—	S8875-06-141	ND	—	ND
20	30.24 - 30.87	20WNOA-79 20WNOA-80 20ENOA-95 20ENOA-96	—	—	S8875-06-141	ND	—	ND
20	31.21 - 31.85	20WNOA-77 20WNOA-78 20ENOA-97 20ENOA-98	—	—	S8875-06-141	ND	—	ND
20	32.13 - 32.75	20WNOA-75 20WNOA-76 20ENOA-99 20ENOA-100	—	—	S8875-06-141	ND	0.01	ND/Chrysotile
20	32.13	20WNOA-76A	—	—	S8875-06-141	ND	—	ND
20	32.26	20ENOA-99A	—	—	S8875-06-141	ND	—	ND
20	32.8 - 33.12	20WNOA-30 20WNOA-29 20ENOA-101 20WNOA-28	—	—	S8875-06-141	ND	—	ND
20	33.14 - 33.34	20ENOA-2 20ENOA-1	—	—	S8875-06-141	ND	—	ND
20	33.14 - 38.53	20ENOA-4A 20ENOA-3 20E-NOA1	—	—	S8875-06-141	ND	—	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
20	33.95	TO46-NOA 16A	39.242214091	-123.195770480	S8875-06-46	ND	—	ND
20	33.95	TO46-NOA 16B	39.242487137	-123.195325659	S8875-06-46	ND	—	ND
20	34	TO46-NOA 11	39.241654454	-123.194983701	S8875-06-46	ND	—	ND
20	34.07	TO46-NOA 17A	39.240915932	-123.194308540	S8875-06-46	ND	—	ND
20	34.1	TO46-NOA 17B	39.240716590	-123.193846962	S8875-06-46	ND	ND	ND
20	34.24	TO46-NOA 18B	—	—	S8875-06-46	ND	—	ND
20	34.34	TO46-NOA 18A	—	—	S8875-06-46	ND	—	ND
20	34.345	TO46-NOA 12	39.239254344	-123.190135984	S8875-06-46	ND	—	ND
20	34.545	TO46-NOA 13	39.239997574	-123.186306831	S8875-06-46	ND	—	ND
20	34.61	TO46-NOA 19A	39.239946174	-123.185123681	S8875-06-46	ND	—	ND
20	34.66	TO46-NOA 19B	39.240077475	-123.184211561	S8875-06-46	ND	—	ND
20	34.8	TO46-NOA 10	39.239948735	-123.181873800	S8875-06-46	ND	—	ND
20	34.83	TO46-NOA 20A	39.239757974	-123.181061042	S8875-06-46	ND	—	ND
20	34.83	TO46-NOA 20B	39.239910698	-123.181024981	S8875-06-46	ND	—	ND
20	34.85	TO46-NOA 9	39.239898424	-123.180632034	S8875-06-46	ND	—	ND
20	34.96	TO46-NOA 21A	39.239576883	-123.178843035	S8875-06-46	ND	—	ND
20	34.96	TO46-NOA 21B	39.239762989	-123.178675895	S8875-06-46	ND	—	ND
20	34.98	TO46-NOA 8	39.239705665	-123.178617517	S8875-06-46	ND	—	ND
20	35.04	TO46-NOA 7	39.239273102	-123.177255013	S8875-06-46	ND	ND	ND
20	35.11	TO46-NOA 22A	39.238241004	-123.176777570	S8875-06-46	ND	—	ND
20	35.19	TO46-NOA 22B	39.238233713	-123.174903472	S8875-06-46	ND	—	ND
20	35.24	TO46-NOA 23A	39.237177791	-123.173914844	S8875-06-46	ND	—	ND
20	35.24	TO46-NOA 23B	39.238053065	-123.174037508	S8875-06-46	ND	—	ND
20	35.45	TO46-NOA 24A	39.237490839	-123.169605039	S8875-06-46	ND	—	ND
20	35.45	TO46-NOA 24B	39.238152186	-123.170150358	S8875-06-46	ND	—	ND
20	35.6	TO46-NOA 6	39.238060960	-123.168137115	S8875-06-46	ND	—	ND
20	35.7	TO46-NOA 26A	39.237281435	-123.165420487	S8875-06-46	ND	—	ND
20	35.7	TO46-NOA 26B	39.237919050	-123.165429536	S8875-06-46	ND	—	ND
20	35.85	TO46-NOA 25A	39.237228395	-123.167749700	S8875-06-46	ND	—	ND
20	35.85	TO46-NOA 25B	39.238053933	-123.167589487	S8875-06-46	ND	—	ND
20	35.86	TO46-NOA 5	39.237841917	-123.163848119	S8875-06-46	ND	—	ND
20	35.9	TO46-NOA 27A	39.237023620	-123.161353240	S8875-06-46	ND	—	ND
20	35.9	TO46-NOA 27B	39.237514798	-123.161103503	S8875-06-46	ND	—	ND
20	36.02	TO46-NOA 28A	39.236929149	-123.159816305	S8875-06-46	ND	—	ND
20	36.02	TO46-NOA 28B	39.237128655	-123.159722829	S8875-06-46	ND	—	ND
20	36.04	TO46-NOA 14	39.236983732	-123.159209067	S8875-06-46	ND	—	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
20	36.1	TO46-NOA 28C	39.236534514	-123.158346120	S8875-06-46	ND	---	ND
20	36.13	TO46-NOA 28D	39.236810057	-123.157661512	S8875-06-46	ND	ND	ND
20	36.23	TO46-NOA 29B	39.236286419	-123.155994578	S8875-06-46	ND	---	ND
20	36.27	TO46-NOA 29A	39.236003171	-123.155171825	S8875-06-46	ND	---	ND
20	36.29	TO46-NOA 15	39.235995649	-123.154896285	S8875-06-46	ND	---	ND
20	36.58	TO46-NOA 4	39.238371070	-123.148267998	S8875-06-46	ND	---	ND
20	36.76	TO46-NOA 30B	39.238655999	-123.147012972	S8875-06-46	ND	---	ND
20	36.78	TO46-NOA 30A	39.238548869	-123.146744192	S8875-06-46	ND	---	ND
20	36.85	TO46-NOA 31A	39.238922545	-123.145303656	S8875-06-46	ND	---	ND
20	36.85	TO46-NOA 31B	39.239029032	-123.145365605	S8875-06-46	ND	---	ND
20	37.08	TO46-NOA 32A	39.241340048	-123.142665381	S8875-06-46	ND	---	ND
20	37.08	TO46-NOA 32B	39.241488451	-123.142992755	S8875-06-46	ND	---	ND
20	37.3	TO46-NOA 3	39.242444337	-123.140897403	S8875-06-46	ND	---	ND
20	37.33	TO46-NOA 33A	39.242495227	-123.138829154	S8875-06-46	ND	---	ND
20	37.33	TO46-NOA 33B	39.242640177	-123.138804974	S8875-06-46	ND	---	ND
20	37.45	TO46-NOA 2	39.242605524	-123.137508106	S8875-06-46	ND	ND	ND
20	37.67	TO46-NOA 34A	39.244189482	-123.132384245	S8875-06-46	ND	---	ND
20	37.67	TO46-NOA 34B	39.244460187	-123.132593495	S8875-06-46	ND	---	ND
20	37.9	TO46-NOA 1	39.245766597	-123.129863201	S8875-06-46	ND	---	ND
20	38.75	20WNOA-26	---	---	S8875-06-141	ND	---	ND
20	39.0 - 39.5	20ENOA-5 20ENOA-6	---	---	S8875-06-141	ND	---	ND
20	39.27 - 39.76	20WNOA-24 20WNOA-25	---	---	S8875-06-141	ND	---	ND
20	39.76	20WNOA-24A	---	---	S8875-06-141	ND	---	ND
20	40.00	20ENOA-7A	---	---	S8875-06-141	ND	---	ND
20	40.00 - 40.54	20ENOA-8 20ENOA-7	---	---	S8875-06-141	ND	---	ND
20	40.24 - 40.73	20WNOA-22 20WNOA-23	---	---	S8875-06-141	ND	---	ND
20	41.0 - 41.5	20ENOA-9 20ENOA-10 20ENOA-10A	---	---	S8875-06-141	ND	---	ND
20	41.23 - 41.75	20WNOA-20 20WNOA-21	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
20	41.97 - 42.53	20ENOA-11 20ENOA-12	---	---	S8875-06-141	ND	---	ND
20	42.27 - 42.72	20WNOA-18 20WNOA-19	---	---	S8875-06-141	ND	---	ND
20	43.03 - 43.52	20ENOA-13 20ENOA-14	---	---	S8875-06-141	ND	---	ND
20	43.16 - 43.27	20WNOA-16 20WNOA-17	---	---	S8875-06-141	ND	<0.01	ND/Chrysotile
20	43.27	20WNOA-16A	---	---	S8875-06-141	ND	ND	ND
20	43.75	20WNOA-15	---	---	S8875-06-141	ND	---	ND
101	0.0 - 0.77	SNOA-17 SNOA-18 NNOA-19 NNOA-20	---	---	S8875-06-141	ND	---	ND
101	1.05	NNOA-21	---	---	S8875-06-141	<0.25% (EMSL) <0.25% (FAI)	---	Chrysotile
101	1.05 - 1.79	SNOA-15 SNOA-16 NNOA-21 NNOA-22	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	1.27	SNOA-16	---	---	S8875-06-141	<0.25% (EMSL) ND (FAI)	---	Chrysotile
101	1.60	NNOA-22	---	---	S8875-06-141	0.25% (EMSL) 0.5% (FAI)	---	Chrysotile
101	1.60	NNOA-22A	---	---	S8875-06-141	5.00%	---	Chrysotile
101	1.79	SNOA-15	---	---	S8875-06-141	0.25% (EMSL) ND (FAI)	---	Chrysotile
101	2.13	NNOA-23	---	---	S8875-06-141	ND (EMSL) ND (FAI)	---	ND
101	2.13 - 2.83	SNOA-13 SNOA-14 NNOA-23 NNOA-24	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	2.28	SNOA-14	---	---	S8875-06-141	ND (EMSL) <0.25% (FAI)	---	Chrysotile

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	2.65	NNOA-24	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	2.83	SNOA-13	—	—	S8875-06-141	ND (EMSL) <0.25% (FAI)	—	Chrysotile
101	3.17	NNOA-25	—	—	S8875-06-141	ND (EMSL) <0.25% (FAI)	—	Chrysotile
101	3.17 - 3.73	SNOA-11 SNOA-12 NNOA-25 NNOA-26	—	—	S8875-06-141	<0.25%	—	Chrysotile
101	3.25	SNOA-12	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	3.60	NNOA-26	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	3.73	SNOA-11	—	—	S8875-06-141	<0.25% (EMSL) <0.25% (FAI)	—	Chrysotile
101	4.11	NNOA-27	—	—	S8875-06-141	ND (EMSL) <0.25% (FAI)	—	Chrysotile
101	4.11 -4.69	SNOA-09 SNOA-10 NNOA-27 NNOA-28	—	—	S8875-06-141	<0.25%	—	Chrysotile
101	4.20	SNOA-10	—	—	S8875-06-141	ND (EMSL) <0.25% (FAI)	—	Chrysotile
101	4.63	NNOA-28	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	4.68	NNOA-28A	—	—	S8875-06-141	3.00%	>10%	Chrysotile
101	4.69	SNOA-9	—	—	S8875-06-141	0.25% (EMSL) 0.5% (FAI)	—	Chrysotile
101	5.30	NNOA-29	—	—	S8875-06-141	0.25% (EMSL) <0.25% (FAI)	—	Chrysotile
101	5.3 - 5.9	SNOA-7 SNOA-8 NNOA-29 NNOA-30	—	—	S8875-06-141	0.75%	—	Chrysotile

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
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MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	5.0-5.4	03-1A-B-C-D-E composite	---	---	S9230-06-03	< 0.25 < 0.25	---	Chrysotile Tremolite
101	5.0-5.4	03-2A-B-C-D-E composite	---	---	S9230-06-03	< 0.25 <0.25	---	Chrysotile Tremolite
101	5.41	SNOA-8	---	---	S8875-06-141	ND (EMSL) ND (FAI)	---	ND
101	5.73	NNOA-30	---	---	S8875-06-141	1.5% (EMSL) 1% (FAI)	---	Chrysotile
101	5.73	NNOA-30A	---	---	S8875-06-141	3.50%	---	Chrysotile
101	5.90	SNOA-7	---	---	S8875-06-141	<0.25% (EMSL) <0.25% (FAI)	---	Chrysotile
101	6.2 - 6.9	SNOA-5 SNOA-6 NNOA-35 NNOA-36	---	---	S8875-06-141	ND	---	ND
101	6.50	SNOA-369A	---	---	S8875-06-141	ND	---	ND
101	6.5	ASB-1	---	---	S8225-06-114	1.75	---	Chrysotile
101	6.6	ASB-2	---	---	S8225-06-114	0.25	---	Chrysotile
101	6.9	ASB-3	---	---	S8225-06-114	ND	---	ND
101	7	ASB-4	---	---	S8225-06-114	ND	---	ND
101	7.13	NNOA-37	---	---	S8875-06-141	ND (EMSL) ND (FAI)	---	ND
101	7.13 - 7.9	SNOA-4 NNOA-37 NNOA-38	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	7.3	ASB-5	---	---	S8225-06-114	ND	---	ND
101	7.32	ASB-6	---	---	S8225-06-114	ND	---	ND
101	7.34	ASB-7	---	---	S8225-06-114	ND	---	ND
101	7.36	ASB-8	---	---	S8225-06-114	ND	---	ND
101	7.38	ASB-9	---	---	S8225-06-114	ND	---	ND
101	7.6	ASB-10	---	---	S8225-06-114	ND	---	ND
101	7.62	ASB-11	---	---	S8225-06-114	ND	---	ND
101	7.64	ASB-12	---	---	S8225-06-114	ND	---	ND
101	7.66	ASB-13	---	---	S8225-06-114	ND	---	ND
101	7.68	ASB-14	---	---	S8225-06-114	ND	---	ND

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MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	7.70	NNOA-38	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	7.70	NNOA-38A	—	—	S8875-06-141	ND	—	ND
101	7.72	ASB-15	—	—	S8225-06-114	2.0	—	Chrysotile
101	7.74	ASB-16	—	—	S8225-06-114	ND	—	NA
101	7.76	ASB-17	—	—	S8225-06-114	ND	—	NA
101	7.78	ASB-18	—	—	S8225-06-114	0.25	—	Chrysotile
101	7.82	ASB-19	—	—	S8225-06-114	ND	—	ND
101	7.84	ASB-20	—	—	S8225-06-114	ND	—	ND
101	7.86	ASB-21	—	—	S8225-06-114	ND	—	ND
101	7.90	SNOA-4	—	—	S8875-06-141	ND (EMSL) <0.25% (FAI)	—	Chrysotile
101	7.94	ASB-22	—	—	S8225-06-114	ND	—	ND
101	8.0	ASB-23	—	—	S8225-06-114	ND	—	ND
101	8.19	NNOA-39A	—	—	S8875-06-141	ND	ND	ND
101	8.19	NNOA-39	—	—	S8875-06-141	ND (EMSL) <0.25% (FAI)	—	Chrysotile
101	8.19 - 8.95	SNOA-2 NNOA-40 NNOA-39 SNOA-3	—	—	S8875-06-141	0.75%	—	Chrysotile
101	8.44	SNOA-3	—	—	S8875-06-141	<0.25% (EMSL) <0.25% (FAI)	—	Chrysotile
101	8.71	NNOA-40	—	—	S8875-06-141	0.5% (EMSL) 0.5% (FAI)	—	Chrysotile
101	8.95	SNOA-2	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	9.08	ASB-24	—	—	S8225-06-114	0.25	—	Chrysotile
101	9.14	ASB-25	—	—	S8225-06-114	ND	—	ND
101	9.20 - 9.78	NNOA-42 NNOA-41 SNOA-1 SNOA-81	—	—	S8875-06-141	ND	—	ND
101	9.90	SNOA-80	—	—	S8875-06-141	ND	—	ND
101	10.15	SNOA-44A	—	—	S8875-06-141	ND	—	ND

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ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	10.25 - 11.0	NNOA-31 SNOA-133 NNOA-33 SNOA-78	---	---	S8875-06-141	ND	---	ND
101	10.65	NNOA-32A	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	10.90	SNOA-134A	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	11.20	NNOA-86A	---	---	S8875-06-141	ND	---	ND
101	11.34 - 12.02	SNOA-73 NNOA-46 NNOA-48 SNOA-75	---	---	S8875-06-141	ND	---	ND
101	12.19 - 13.0	SNOA-71 SNOA-72 NNOA-50 NNOA-52	---	---	S8875-06-141	ND	---	ND
101	13.05	SNOA-71A	---	---	S8875-06-141	ND	---	ND
101	13.27	NNOA-260	---	---	S8875-06-141	<0.25%	ND	Chrysotile
101	13.3 - 14.0	NNOA-53 NNOA-54 SNOA-69 SNOA-70	---	---	S8875-06-141	ND	---	ND
101	13.80	NNOA-54A	---	---	S8875-06-141	ND	---	ND
101	14.3 - 15.0	NNOA-55 NNOA-56 SNOA-66 SNOA-67	---	---	S8875-06-141	ND	---	ND
101	14.53	SNOA-68A	---	---	S8875-06-141	2.00%	---	Chrysotile
101	15.30	NNOA-57	---	---	S8875-06-141	3.75% (EMSL) 1.8% (FAI)	---	Chrysotile
101	15.30	NNOA-57A	---	---	S8875-06-141	2.25%	---	Chrysotile
101	15.3 - 16.04	NNOA-57 NNOA-58 SNOA-64 SNOA-65	---	---	S8875-06-141	0.50%	---	Chrysotile
101	15.50	SNOA-65	---	---	S8875-06-141	<0.25% (EMSL) <0.25% (FAI)	---	Chrysotile

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ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	15.79	NNOA-58	---	---	S8875-06-141	0.5% (EMSL) <0.25% (FAI)	---	Chrysotile
101	16.04	SNOA-64	---	---	S8875-06-141	<0.25% (EMSL) 0.25% (FAI)	---	Chrysotile
101	16.28	NNOA-59	---	---	S8875-06-141	<0.25% (EMSL) <0.25% (FAI)	---	Chrysotile
101	16.28 - 16.84	NNOA-59 NNOA-61 SNOA-62 SNOA-63	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	16.44	SNOA-63A	---	---	S8875-06-141	ND	0.03%	ND/Actinolite & Chrysotile
101	16.45	SNOA-63	---	---	S8875-06-141	<0.25% (EMSL) ND (FAI)	---	Chrysotile
101	16.77	NNOA-61	---	---	S8875-06-141	ND (EMSL) ND (FAI)	---	ND
101	16.84	SNOA-62	---	---	S8875-06-141	0.75% (EMSL) <0.25% (FAI)	---	Chrysotile
101	17.25	NNOA-87A	---	---	S8875-06-141	ND	---	ND
101	17.25 - 17.88	SNOA-127 NNOA-87 SNOA-126 NNOA-88	---	---	S8875-06-141	ND	---	ND
101	18.3 - 18.8	NNOA-89 NNOA-90 SNOA-125 SNOA-128	---	---	S8875-06-141	ND	---	ND
101	18.80	NNOA-90A	---	---	S8875-06-141	ND	---	ND
101	18.80	SNOA-125A	---	---	S8875-06-141	4.25%	1.50%	Chrysotile/ Chrysotile
101	19.4 - 19.9	NNOA-91 NNOA-93 SNOA-123 SNOA-124	---	---	S8875-06-141	ND	---	ND

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ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	20.37 - 20.89	NNOA-94 NNOA-97 SNOA-119 SNOA-121	—	—	S8875-06-141	ND	—	ND
101	21.25 - 21.83	NNOA-98 NNOA-100 SNOA-115 SNOA-118	—	—	S8875-06-141	ND	—	ND
101	22.00	SNOA-182	—	—	S8875-06-141	<0.25% (EMSL) ND (FAI)	—	Chrysotile
101	22.0 - 22.92	NNOA-101 NNOA-102 SNOA-114 SNOA-182	—	—	S8875-06-141	<0.25%	—	Chrysotile
101	22.37	SNOA-114	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	22.57	NNOA-101	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	22.92	NNOA-102	—	—	S8875-06-141	ND (EMSL) ND (FAI)	—	ND
101	23.0 - 23.96	NNOA-103 NNOA-105 SNOA-112 SNOA-113	—	—	S8875-06-141	ND	—	ND
101	24.02 - 25.0	NNOA-107 SNOA-109 SNOA-111 NNOA-137	—	—	S8875-06-141	ND	—	ND
101	24.64	NNOA-136A	—	—	S8875-06-141	ND	0.06%	ND/Chrysotile
101	25.04	SNOA-181	—	—	S8875-06-141	<0.25% (EMSL) <0.25% (FAI)	—	Chrysotile
101	25.04 - 25.87	NNOA-138 NNOA-139 SNOA-180 SNOA-181	—	—	S8875-06-141	<0.25%	—	Chrysotile

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ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	25.14	NNOA-138	---	---	S8875-06-141	ND (EMSL) <0.25% (FAI)	---	Chrysotile
101	25.47	SNOA-180	---	---	S8875-06-141	ND (EMSL) <0.25% (FAI)	---	Chrysotile
101	25.87	NNOA-139	---	---	S8875-06-141	ND (EMSL) ND (FAI)	---	ND
101	26.20 - 26.89	NNOA-141 NNOA-142 SNOA-176 SNOA-178	---	---	S8875-06-141	ND	---	ND
101	26.36	SNOA-177A	---	---	S8875-06-141	ND	---	ND
101	27.14	SNOA-175A	---	---	S8875-06-141	ND	0.02%	ND/Chrysotile
101	27.18 - 27.9	NNOA-143 NNOA-183 SNOA-172 SNOA-174	---	---	S8875-06-141	ND	---	ND
101	27.62	SNOA-173A	---	---	S8875-06-141	ND	---	ND
101	28.13 - 28.67	NNOA-144 NNOA-145 SNOA-170 SNOA-171	---	---	S8875-06-141	ND	---	ND
101	29.0 - 29.80	NNOA-146 NNOA-147 SNOA-168 SNOA-169	---	---	S8875-06-141	ND	---	ND
101	30.20 - 30.63	NNOA-148 NNOA-150 SNOA-166 SNOA-167	---	---	S8875-06-141	ND	---	ND
101	30.33	NNOA-149A	---	---	S8875-06-141	ND	---	ND
101	30.68	SNOA-165A	---	---	S8875-06-141	ND	---	ND
101	30.98 - 31.59	NNOA-151 NNOA-152 SNOA-163 SNOA-164	---	---	S8875-06-141	ND	---	ND
101	31.80	NNOA-153A	---	---	S8875-06-141	ND	ND	ND

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101	32.25 - 32.84	NNOA-154 NNOA-155 SNOA-161 SNOA-162	---	---	S8875-06-141	ND	---	ND
101	32.72	SNOA-160A	---	---	S8875-06-141	ND	---	ND
101	33.20 - 33.80	NNOA-156 NNOA-157 SNOA-158 SNOA-159	---	---	S8875-06-141	ND	---	ND
101	34.38 - 34.79	NNOA-184 NNOA-185 SNOA-222	---	---	S8875-06-141	ND	ND	ND
101	35.17 - 35.75	SNOA-221 NNOA-186 NNOA-187 SNOA-220	---	---	S8875-06-141	ND	---	ND
101	35.47	SNOA-220A	---	---	S8875-06-141	ND	---	ND
101	36.13 - 36.82	SNOA-219 NNOA-188 NNOA-189 SNOA-218	---	---	S8875-06-141	ND	---	ND
101	36.9	TO138 101 PM36.9 NOA2	---	---	S8875-06-138	ND	---	ND
101	36.9	TO138 101 PM36.9 NOA3	---	---	S8875-06-138	ND	<0.1	ND/Chrysotile
101	37.08	NNOA-190	---	---	S8875-06-141	0.25% (EMSL) ND (FAI)	---	Chrysotile
101	37.08 - 37.83	SNOA-217 NNOA-190 NNOA-191 SNOA-216	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	37.20	SNOA-217	---	---	S8875-06-141	<0.25% (EMSL) ND (FAI)	---	Chrysotile
			---	---				

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101	37.3-38.7—100+80	SB53	---	---	103094.0101 (Shaw)	ND	---	ND
101	37.3-38.7—101+00	SB2	---	---	103094.0101 (Shaw)	<0.25	---	Chrysotile
101	37.3-38.7—104+40	SB51	---	---	103094.0101 (Shaw)	ND	---	ND
101	37.3-38.7—107+60	SB14	---	---	103094.0101 (Shaw)	ND	---	ND
101	37.3-38.7—109+60	SB37	---	---	103094.0101 (Shaw)	ND	---	ND
101	37.3-38.7—110+40	SB23	---	---	103094.0101 (Shaw)	ND	---	ND
101	37.52	NNOA-191A	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	37.52	NNOA-191	---	---	S8875-06-141	ND (EMSL) ND (FAI)	---	ND
101	37.83	SNOA-216	---	---	S8875-06-141	2.5% (EMSL) <0.25% (FAI)	---	Chrysotile
101	38.0 - 38.99	SNOA-215 NNOA-192 NNOA-193 NNOA-194	---	---	S8875-06-141	ND	ND	ND
101	38.25	TO138 101 PM38.2 NOA1	---	---	S8875-06-138	ND	---	ND
101	38.99	NNOA-194A	---	---	S8875-06-141	ND	---	ND
101	39.17 - 39.57	SNOA-214 NNOA-195	---	---	S8875-06-141	ND	---	ND
			---	---				
101	39.6	RB6	---	---	103096.0101 (Shaw)	ND	---	ND
101	39.65	RB53	---	---	103096.0101 (Shaw)	ND	---	ND
101	39.67	RB49	---	---	103096.0101 (Shaw)	ND	---	ND
101	39.69	RB1	---	---	103096.0101 (Shaw)	ND	---	ND
101	39.75	RB12	---	---	103096.0101 (Shaw)	ND	---	ND
101	40.02	RB4	---	---	103096.0101 (Shaw)	ND	---	ND
101	40.16	RB2	---	---	103096.0101 (Shaw)	<0.25	---	Chrysotile
101	40.32	RB19	---	---	103096.0101 (Shaw)	<0.25	---	Chrysotile
101	40.15 - 40.79	SNOA-213 NNOA-196 SNOA-212 NNOA-197	---	---	S8875-06-141	ND	---	ND
101	40.36	SNOA-213A	---	---	S8875-06-141	ND		ND
101	40.42	RB3	---	---	103096.0101 (Shaw)	ND	---	ND

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101	40.42	RB37	---	---	103096.0101 (Shaw)	ND	---	ND
101	40.72	RB32	---	---	103096.0101 (Shaw)	ND	---	ND
101	40.77	RB25	---	---	103096.0101 (Shaw)	ND	---	ND
101	40.77	RB29	---	---	103096.0101 (Shaw)	ND	---	ND
101	40.84	RB27	---	---	103096.0101 (Shaw)	ND	---	ND
101	41.06 - 41.85	SNOA-211 NNOA-198 SNOA-210	---	---	S8875-06-141	ND	ND	ND
101	42.18 - 42.59	NNOA-199 SNOA-209 NNOA-200	---	---	S8875-06-141	ND	---	ND
101	43.13	NNOA-201A	---	---	S8875-06-141	ND	---	ND
101	43.13 - 43.79	NNOA-201 SNOA-208 SNOA-207 NNOA-202	---	---	S8875-06-141	ND	---	ND
101	43.79	SNOA-207A	---	---	S8875-06-141	ND	<0.01	ND/Chrysotile
101	44.2 - 45.0	NNOA-203 SNOA-206 SNOA-205 NNOA-204 SNOA-223	---	---	S8875-06-141	ND	---	ND
101	45.2 - 45.76	SNOA-454 SNOA-448 NNOA-430 NNOA-433	---	---	S8875-06-141	ND	---	ND
101	45.37	NNOA-431A	---	---	S8875-06-141	ND	---	ND
101	45.56	NNOA-432	---	---	S8875-06-141	ND	---	ND
101	45.99	SNOA-446	---	---	S8875-06-141	ND	---	ND
101	46.06 - 46.8	SNOA-452 NNOA-449 NNOA-435 NNOA-436	---	---	S8875-06-141	ND	---	ND
101	46.14	SNOA-445	---	---	S8875-06-141	ND	---	ND
101	46.60	SNOA-443	---	---	S8875-06-141	ND	---	ND
101	46.61	NNOA-437	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	46.76	NNOA-438	---	---	S8875-06-141	ND	---	ND
101	46.94	NNOA-439	---	---	S8875-06-141	ND	ND	ND[1]
101	46.95	SNOA-442	---	---	S8875-06-141	ND	---	ND
101	47.00 - 47.77	NNOA-455 SNOA-451 NNOA-458 SNOA-496	---	---	S8875-06-141	ND	---	ND
101	47.06	NNOA-440	---	---	S8875-06-141	ND	---	ND
101	47.25	SNOA-450A	---	---	S8875-06-141	ND	---	ND
101	47.60	NNOA-457A	---	---	S8875-06-141	<0.25%	ND	Chrysotile/ND
101	48.15 - 48.73	NNOA-459 NNOA-461 SNOA-491 SNOA-493	---	---	S8875-06-141	ND	---	ND
101	48.97	NNOA-462-A	---	---	S8875-06-141	ND	---	ND
101	49.0 - 49.70	NNOA-463 NNOA-464 SNOA-488 SNOA-490	---	---	S8875-06-141	ND	<0.01	ND/Chrysotile
101	49.02	WBNOA-137	---	---	S8875-06-141	ND	---	ND
101	49.70 - 50.77	NNOA-466 NNOA-467 SNOA-484 SNOA-486	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	49.94	NNOA-465A	---	---	S8875-06-141	ND	---	ND
101	49.96	SNOA-486	---	---	S8875-06-141	ND (FAI)	---	ND
101	50.35	NNOA-466	---	---	S8875-06-141	ND (FAI)	---	ND
101	50.60	SNOA-484A	---	---	S8875-06-141	ND	ND	ND
101	50.60	SNOA-484	---	---	S8875-06-141	ND (FAI)	---	ND
101	50.77	NNOA-467	---	---	S8875-06-141	ND (FAI)	---	ND
101	51.00 - 51.89	NNOA-468 NNOA-469 SNOA-482 SNOA-483	---	---	S8875-06-141	ND	---	ND
101	51.30	NNOA-468A	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	52.08 - 52.76	NNOA-470 NNOA-471 SNOA-480 SNOA-481	---	---	S8875-06-141	ND	---	ND
101	52.96 - 53.83	NNOA-472 NNOA-473 SNOA-478 SNOA-479	---	---	S8875-06-141	ND	---	ND
101	53.95 - 54.75	NNOA-474 NNOA-475 SNOA-476 SNOA-477	---	---	S8875-06-141	ND	---	ND
101	54.47	SNOA-476A	---	---	S8875-06-141	ND	ND	ND
101	54.88 - 55.74	SNOA-404 SNOA-405 NNOA-406 NNOA-407	---	---	S8875-06-141	ND	ND	ND
101	55.47	SNOA-404A	---	---	S8875-06-141	ND	---	ND
101	56.04 - 56.82	SNOA-402 SNOA-403 NNOA-408 NNOA-409	---	---	S8875-06-141	ND	---	ND
101	56.80	NNOA-409A	---	---	S8875-06-141	ND	---	ND
101	56.95 - 57.75	SNOA-400 SNOA-401 NNOA-410 NNOA-411	---	---	S8875-06-141	ND	---	ND
101	57.92	SNOA-399A	---	---	S8875-06-141	ND	---	ND
101	57.93 - 58.80	SNOA-398 SNOA-399 NNOA-412 NNOA-413	---	---	S8875-06-141	ND	ND	ND
101	58.98	SNOA-397A	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	59.0 - 59.99	SNOA-396 SNOA-397 NNOA-414 NNOA-415	---	---	S8875-06-141	ND	ND	ND
101	59.99	NNOA-415A	---	---	S8875-06-141	ND	---	ND
101	60.03 - 60.87	SNOA-394 SNOA-395 NNOA-416 NNOA-417	---	---	S8875-06-141	ND	---	ND
101	64.00 64.78	SNOA-386 SNOA-387 NNOA-424 NNOA-425	---	---	S8875-06-141	ND	---	ND
101	65.00 - 65.80	SNOA-368 SNOA-369 NNOA-426 NNOA-427	---	---	S8875-06-141	ND	---	ND
101	66.00	SNOA-367A	---	---	S8875-06-141	ND	---	ND
101	66.0 - 66.75	SNOA-366 SNOA-367 NNOA-428 NNOA-429	---	---	S8875-06-141	ND	---	ND
101	66.50	SNOA-366A	---	---	S8875-06-141	ND	---	ND
101	66.99 - 67.75	SNOA-364 SNOA-365 NNOA-370 NNOA-371	---	---	S8875-06-141	ND	---	ND
101	67.52	SNOA-364A	---	---	S8875-06-141	ND	---	ND
101	68.01 - 68.80	SNOA-362 SNOA-363 NNOA-372 NNOA-373	---	---	S8875-06-141	ND	ND	ND[1]
101	69.00 - 69.70	SNOA-360 SNOA-361 NNOA-374 NNOA-375	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	69.72	NNOA-375A	---	---	S8875-06-141	ND	---	ND
101	70.02 - 70.85	SNOA-358 SNOA-359 NNOA-376 NNOA-377	---	---	S8875-06-141	ND	---	ND
101	70.85	NNOA-377A	---	---	S8875-06-141	ND	---	ND
101	71.03 - 71.80	SNOA-356 SNOA-357 NNOA-378 NNOA-379	---	---	S8875-06-141	ND	---	ND
101	71.52	SNOA-356A	---	---	S8875-06-141	ND	---	ND
101	71.80	NNOA-379A	---	---	S8875-06-141	ND	ND	ND
101	71.97 - 72.78	SNOA-354 SNOA-355 NNOA-380 NNOA-381	---	---	S8875-06-141	ND	---	ND
101	73.02 - 73.78	SNOA-352 SNOA-353 NNOA-382 NNOA-383	---	---	S8875-06-141	ND	---	ND
101	73.35	NNOA-382A	---	---	S8875-06-141	ND	---	ND
101	74.02 - 74.74	SNOA-350 SNOA-351 NNOA-384 NNOA-385	---	---	S8875-06-141	ND	ND	ND
101	74.40	NNOA-384A	---	---	S8875-06-141	ND	---	ND
101	75.04 - 75.76	NNOA-328 NNOA-327 SNOA-325 SNOA-326	---	---	S8875-06-141	ND	---	ND
101	76.01 - 76.64	SNOA-324 SNOA-323 NNOA-329 NNOA-330	---	---	S8875-06-141	ND	---	ND

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SUMMARY OF ASBESTOS ANALYTICAL RESULTS
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MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	77.03 - 77.77	NNOA-332 SNOA-322 NNOA-331 SNOA-321	---	---	S8875-06-141	ND	ND	ND
101	78.05 - 78.72	NNOA-334 SNOA-319 SNOA-320 NNOA-333	---	---	S8875-06-141	ND	---	ND
101	78.24	NNOA-333A	---	---	S8875-06-141	ND	---	ND
101	79.15	SNOA-318A	---	---	S8875-06-141	ND	---	ND
101	79.15 - 79.87	SNOA-318 NNOA-335 SNOA-317 NNOA-336	---	---	S8875-06-141	ND	ND	ND
101	79.30	NNOA-335A	---	---	S8875-06-141	ND	---	ND
101	80.12 - 80.73	NNOA-337 NNOA-338 SNOA-315 SNOA-316	---	---	S8875-06-141	ND	---	ND
101	80.73	NNOA-338A	---	---	S8875-06-141	ND	---	ND
101	81.18	NNOA-339A	---	---	S8875-06-141	3.50%	>10.0%	Chrysotile
101	81.18 - 81.92	NNOA-340 NNOA-339 SNOA-313 SNOA-314	---	---	S8875-06-141	ND	---	ND
101	81.88	SNOA-313A	---	---	S8875-06-141	ND	---	ND
101	82.24	SNOA-312A	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	82.24 - 82.84	NNOA-341 NNOA-342 SNOA-312 SNOA-311	---	---	S8875-06-141	ND	---	ND
101	83.43 - 83.92	SNOA-310 NNOA-344 NNOA-343	---	---	S8875-06-141	ND	---	ND
101	84.00	SNOA-309A	---	---	S8875-06-141	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	84.00 - 84.95	NNOA-346 NNOA-345 SNOA-309 SNOA-308	---	---	S8875-06-141	ND	ND	ND
101	84.95	NNOA-346A	---	---	S8875-06-141	<0.25%	<0.01	Chrysotile
101	85.07 - 85.88	NNOA-348 NNOA-347 SNOA-306 SNOA-305	---	---	S8875-06-141	ND	0.14	ND/Chrysotile
101	86.34 - 86.81	NNOA-288 SNOA-287 NNOA-349	---	---	S8875-06-141	ND	---	ND
101	87.12 - 87.97	NNOA-290 SNOA-285 NNOA-289 SNOA-286	---	---	S8875-06-141	ND	ND	ND
101	87.41	NNOA-289A	---	---	S8875-06-141	ND	---	ND
101	87.60	SNOA-285A	---	---	S8875-06-141	ND	---	ND
101	88.44 - 88.90	NNOA-292 SNOA-284 NNOA-291	---	---	S8875-06-141	ND	---	ND
101	89.0 - 89.96	SNOA-279 SNOA-280 NNOA-294 SNOA-283	---	---	S8875-06-141	ND	ND	ND
101	89.50	SNOA-281A	---	---	S8875-06-141	ND	---	ND
101	90.42	NNOA-296A	---	---	S8875-06-141	ND	ND	ND
101	90.41 - 90.75	NNOA-297 SNOA-278 NNOA-296	---	---	S8875-06-141	ND	---	ND
101	91.00	SNOA-277A	---	---	S8875-06-141	ND	---	ND
101	91.0 - 92.60	SNOA-276 SNOA-277 NNOA-298	---	---	S8875-06-141	ND	---	ND
101	93.0 - 93.5	SNOA-274 SNOA-275	---	---	S8875-06-141	ND	---	ND

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SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	94.2 - 94.91	SNOA-272 SNOA-273 NNOA-300 NNOA-299	—	—	S8875-06-141	ND	—	ND
101	95.13 - 95.85	SNOA-270 SNOA-271 NNOA-302 NNOA-301	—	—	S8875-06-141	ND	ND	ND[1]
101	95.85	NNOA-302A	—	—	S8875-06-141	ND	—	ND
101	96.11 - 96.79	SNOA-248 SNOA-269 NNOA-303 NNOA-304	—	—	S8875-06-141	ND	—	ND
101	96.40	NNOA-304A	—	—	S8875-06-141	ND	—	ND
101	97.09 - 97.65	SNOA-246 NNOA-250 NNOA-249 SNOA-247	—	—	S8875-06-141	ND	—	ND
101	97.65	SNOA-246A	—	—	S8875-06-141	ND	—	ND
101	98.35 - 98.98	SNOA-244 SNOA-245 NNOA-252 NNOA-251	—	—	S8875-06-141	ND	—	ND
101	98.50	NNOA-251A	—	—	S8875-06-141	ND	—	ND
101	99.17 - 99.77	SNOA-242 SNOA-243 NNOA-254 NNOA-253	—	—	S8875-06-141	ND	ND	ND
101	100.10 - 101.00	SNOA-239 SNOA-240 SNOA-241 NNOA-255	—	—	S8875-06-141	ND	—	ND
101	101.28 - 101.74	SNOA-237 SNOA-238 NNOA-257 NNOA-256	—	—	S8875-06-141	ND	—	ND

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SUMMARY OF ASBESTOS ANALYTICAL RESULTS
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MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
101	101.43	SNOA-238A	---	---	S8875-06-141	ND	---	ND
101	101.86	SNOA-236A	---	---	S8875-06-141	ND	<0.01	ND/Chrysotile
101	101.86 - 103.10	SNOA-233 SNOA-234 SNOA-235 SNOA-236 NNOA-259	---	---	S8875-06-141	ND	---	ND
101	103.10	SNOA-233	---	---	S8875-06-141	<0.25%	ND	Chrysotile/ND
101	103.27	NNOA-260A	---	---	S8875-06-141	ND	---	ND
101	103.27	NNOA-260	---	---	S8875-06-141	<0.25%	ND	Chrysotile/ND
101	103.27 - 103.33	NNOA-260 SNOA-232	---	---	S8875-06-141	<0.25%	---	Chrysotile
101	103.33	SNOA-232	---	---	S8875-06-141	ND	ND	ND
101	103.61 - 104.02	SNOA-230 SNOA-231 NNOA-262 NNOA-261	---	---	S8875-06-141	ND	---	ND
101	104.32 - 104.99	SNOA-228 SNOA-229 NNOA-264 NNOA-263	---	---	S8875-06-141	ND	---	ND
101	104.32 - 104.99	SNOA-226 SNOA-227 NNOA-265	---	---	S8875-06-141	ND	---	ND
101	104.99	NNOA-264A	---	---	S8875-06-141	ND	ND	ND
101	105.18	SNOA-227A	---	---	S8875-06-141	ND	<0.01	ND/Chrysotile
101	106.0 - 106.80	SNOA-224 SNOA-225 NNOA-266	---	---	S8875-06-141	ND	---	ND
128	0.82	TO 140-NOA13	-123.73343	39.19455	S8875-06-140	ND	---	ND
128	2.93	TO 140-NOA14	-123.70422	39.17851	S8875-06-140	ND	ND	ND
128	4.31	TO 140-NOA172	-123.68219	39.17909	S8875-06-140	<0.25	---	Chrysotile
128	6.90	TO 140-NOA12	-123.64718	39.16521	S8875-06-140	ND	---	ND
128	6.90	TO 140-NOA12 (FAI)	-123.64718	39.16521	S8875-06-140	ND	---	ND
128	7.67	TO 140-NOA11	-123.63784	39.16024	S8875-06-140	ND	---	ND

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MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
128	9.60	TO 140-NOA10	-123.61024	39.15497	S8875-06-140	ND	---	ND
128	11.63	TO 140-NOA171	-123.58325	39.16150	S8875-06-140	ND	---	ND
128	12.72	TO 140-NOA170	-123.56759	39.16021	S8875-06-140	ND	---	ND
128	13.18	TO 140-NOA9	-123.55835	39.16090	S8875-06-140	ND	---	ND
128	14.78	TO 140-NOA169	-123.54224	39.14477	S8875-06-140	ND	---	ND
128	15.90	TO 140-NOA7	-123.53272	39.13247	S8875-06-140	ND	---	ND
128	15.90	TO 140-NOA8	-123.53272	39.13247	S8875-06-140	ND	---	ND
128	18.07	TO 140-NOA6	-123.50655	39.11098	S8875-06-140	ND	---	ND
128	20.10	TO 140-NOA168	-123.46066	39.07891	S8875-06-140	ND	---	ND
128	21.42	TO 140-NOA5	-123.46320	39.07685	S8875-06-140	ND	---	ND
128	21.54	TO 140-NOA167	-123.46183	39.07620	S8875-06-140	ND	---	ND
128	23.66	T0140-NOA4	-123.43254	39.05875	S8875-06-140	ND	<0.01	ND/Chrysotile
128	23.66	T0140-NOA4 (FAI)	-123.43254	39.05875	S8875-06-140	ND	---	ND
128	24.44	TO 140-NOA166	-123.42063	39.05246	S8875-06-140	ND	---	ND
128	24.55	128-24.55	---	---	833550/01010000 (IT)	ND	---	ND
128	25.76	TO 140-NOA3	-123.40169	39.04129	S8875-06-140	ND	---	ND
128	26.94	TO140-NOA2	-123.38698	39.03118	S8875-06-140	ND	---	ND
128	27.54	128-27.54	---	---	833550/01010000 (IT)	ND	---	ND
128	27.78	128-27.78	---	---	833550/01010000 (IT)	ND	---	ND
128	28.07	TO 140-NOA15	-123.37352	39.01698	S8875-06-140	ND	---	ND
128	29.61	TO 140-NOA20	-123.35802	38.99877	S8875-06-140	ND	0.01	ND/Chrysotile
128	29.74	TO 140-NOA19	-123.35703	38.99752	S8875-06-140	<0.25	---	Chrysotile
128	29.74	128-29.74	---	---	833550/01010000 (IT)	0.25	Chrysotile[2]	Chrysotile
128	29.88	TO 140-NOA18	-123.35569	38.99519	S8875-06-140	2.5	---	Chrysotile
128	29.88	TO 140-NOA18 (FAI)	-123.35569	38.99519	S8875-06-140	<0.25	---	Chrysotile
128	29.98	TO 140-NOA17	-123.35461	38.99389	S8875-06-140	ND	---	ND
128	30.06	128-30.06	---	---	833550/01010000 (IT)	1.5	Chrysotile[2]	Chrysotile
128	30.10	TO 140-NOA16	-123.35419	38.99251	S8875-06-140	ND	---	ND
128	30.10	TO 140-NOA24	-123.35358	38.99102	S8875-06-140	ND	---	ND
128	30.14	128-30.14	---	---	833550/01010000 (IT)	ND	---	ND
128	30.21	TO 140-NOA25	-123.35346	38.99074	S8875-06-140	<0.25	---	Chrysotile
128	30.37	TO 140-NOA26	-123.35309	38.98861	S8875-06-140	1.00	---	Chrysotile
128	30.44	TO 140-NOA27	-123.35244	38.98753	S8875-06-140	4.00	---	Chrysotile
128	30.53	TO 140-NOA28	-123.35182	38.98619	S8875-06-140	<0.25	---	Chrysotile
128	30.57	128-30.57	---	---	833550/01010000 (IT)	ND	---	ND
128	30.74	TO 140-NOA29	-123.35049	38.98412	S8875-06-140	ND	---	ND

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ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
128	30.75	TO 140-NOA30	-123.35038	38.98361	S8875-06-140	1.00	15.53	Chrysotile
128	30.75	TO 140-NOA30 (FAI)	-123.35038	38.98361	S8875-06-140	<0.25	—	Chrysotile
128	30.75	128-30.75	—	—	833550/01010000 (IT)	ND	—	ND
128	30.79	TO 140-NOA31	-123.35036	38.98282	S8875-06-140	ND	—	ND
128	30.82	128-30.82	—	—	833550/01010000 (IT)	<0.25	Chrysotile[2]	Chrysotile
128	30.94	TO 140-NOA32	-123.34997	38.98139	S8875-06-140	1.25	—	Chrysotile
128	30.94	128-30.94	—	—	833550/01010000 (IT)	ND	—	ND
128	30.97	128-30.97	—	—	833550/01010000 (IT)	ND	—	ND
128	31.02	TO 140-NOA33	-123.34943	38.98019	S8875-06-140	0.50	—	Chrysotile
128	31.03	128-31.03	—	—	833550/01010000 (IT)	ND	—	ND
128	31.08	TO 140-NOA34	-123.34956	38.97952	S8875-06-140	ND	—	ND
128	31.09	128-31.09	—	—	833550/01010000 (IT)	ND	—	ND
128	31.11	128-31.11	—	—	833550/01010000 (IT)	ND	—	ND
128	31.26	128-31.26	—	—	833550/01010000 (IT)	ND	—	ND
128	31.45	TO 140-NOA35	-123.34567	38.97616	S8875-06-140	0.50	—	Chrysotile
128	31.50	TO 140-NOA36	-123.34539	38.97559	S8875-06-140	ND	—	Chrysotile
128	31.84	128-31.84	—	—	833550/01010000 (IT)	ND	—	ND
128	31.86	128-31.86	—	—	833550/01010000 (IT)	ND	—	ND
128	32.01	128-32.01	—	—	833550/01010000 (IT)	ND	—	ND
128	32.08	128-32.08	—	—	833550/01010000 (IT)	ND	—	ND
128	32.24	128-32.24	—	—	833550/01010000 (IT)	ND	—	ND
128	32.55	TO 140-NOA39	-123.34031	38.96225	S8875-06-140	ND	—	ND
128	32.60	TO 140-NOA38	-123.34031	38.96205	S8875-06-140	1.75	—	Chrysotile
128	32.60	TO140-NOA 38 (FAI)	-123.34031	38.96205	S8875-06-140	2	—	Chrysotile
128	32.70	TO 140-NOA37	-123.33954	38.96007	S8875-06-140	ND	—	ND
128	32.94	TO 140-NOA40	-123.33681	38.95801	S8875-06-140	ND	ND	ND
128	33.11	TO 140-NOA41	-123.33495	38.95605	S8875-06-140	1.75	—	Chrysotile
128	33.12	128-33.12	—	—	833550/01010000 (IT)	<0.25	ND	Chrysotile/ND
128	33.18	128-33.18	—	—	833550/01010000 (IT)	ND	—	ND
128	33.20	TO 140-NOA42	-123.33424	38.95546	S8875-06-140	ND	—	ND
128	33.23	128-33.23	—	—	833550/01010000 (IT)	ND	—	ND
128	33.29	128-33.29	—	—	833550/01010000 (IT)	ND	—	ND
128	33.45	TO 140-NOA44	-123.33006	38.95271	S8875-06-140	ND	—	ND
128	33.48	TO 140-NOA43	-123.32965	38.95237	S8875-06-140	4.00	—	Chrysotile
128	33.50	TO 140-NOA45	-123.32915	39.95207	S8875-06-140	ND	—	ND
128	33.70	128-33.7	—	—	833550/01010000 (IT)	ND	—	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
128	33.78	128-33.78	---	---	833550/01010000 (IT)	ND	---	ND
128	33.80	TO 140-NOA46	-123.32514	38.94913	S8875-06-140	ND	<0.01	ND/Chrysotile
128	33.84	TO 140-NOA47	-123.32480	38.94861	S8875-06-140	1.00	---	Chrysotile
128	34.50	TO 140-NOA48	-123.31515	38.94210	S8875-06-140	ND	---	ND
128	34.71	128-34.71	---	---	833550/01010000 (IT)	ND	---	ND
128	35.05	BSS-6	---	---	S8225-06-119	ND	---	NA
128	35.05	BSS-1	---	---	S8225-06-119	ND	---	NA
128	35.10	TO 140-NOA49	-123.30865	38.93592	S8875-06-140	ND	---	ND
128	35.10	TO 140-NOA49 (FAI)	-123.30865	38.93592	S8875-06-140	ND	---	ND
128	35.10	TO 140-NOA50	-123.30862	38.93644	S8875-06-140	ND	---	ND
128	35.15	BSS-2	---	---	S8225-06-119	ND	---	NA
128	35.15	BSS-5	---	---	S8225-06-119	ND	---	NA
128	35.17	TO 140-NOA51	-123.30849	38.93503	S8875-06-140	ND	---	ND
128	35.2	BSS-4	---	---	S8225-06-119	ND	---	ND
128	35.2	BSS-3	---	---	S8225-06-119	ND	---	ND
128	35.42	128-35.42	---	---	833550/01010000 (IT)	ND	---	ND
128	35.48	128-35.48	---	---	833550/01010000 (IT)	ND	---	ND
128	35.54	128-35.54	---	---	833550/01010000 (IT)	ND	---	ND
128	35.84	128-35.84	---	---	833550/01010000 (IT)	ND	---	ND
128	35.87	128-35.87	---	---	833550/01010000 (IT)	ND	---	ND
128	35.94	128-35.94	---	---	833550/01010000 (IT)	ND	---	ND
128	36.01	128-36.01	---	---	833550/01010000 (IT)	ND	---	ND
128	36.10	128-36.1	---	---	833550/01010000 (IT)	ND	---	ND
128	36.63	128-36.63	---	---	833550/01010000 (IT)	ND	---	ND
128	36.78	TO 140-NOA52	-123.29018	38.91890	S8875-06-140	ND	---	ND
128	37.26	TO 140-NOA53	-123.28340	38.91592	S8875-06-140	ND	---	ND
128	37.33	TO 140-NOA54	-123.28231	38.91553	S8875-06-140	ND	---	ND
128	37.44	128-37.44	---	---	833550/01010000 (IT)	ND	---	ND
128	37.81	TO 140-NOA56	-123.27396	38.91344	S8875-06-140	ND	---	ND
128	38.12	128-38.12	---	---	833550/01010000 (IT)	ND	---	ND
128	38.21	128-38.21	---	---	833550/01010000 (IT)	ND	---	ND
128	38.50	128-38.5	---	---	833550/01010000 (IT)	ND	---	ND
128	38.75	TO 140-NOA58	-123.25774	38.91392	S8875-06-140	ND	---	ND
128	38.76	TO 140-NOA57	-123.25757	38.91400	S8875-06-140	ND	---	ND
128	38.77	128-38.77	---	---	833550/01010000 (IT)	ND	---	ND
128	38.90	TO 140-NOA55	-123.26415	38.91421	S8875-06-140	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
128	38.93	128-38.93	---	---	833550/01010000 (IT)	ND	---	ND
128	39.04	128-39.04	---	---	833550/01010000 (IT)	ND	---	ND
128	39.14	TO 140-NOA59	-123.25047	38.91490	S8875-06-140	ND	---	ND
128	39.22	128-39.22	---	---	833550/01010000 (IT)	ND	---	ND
128	39.28	128-39.28	---	---	833550/01010000 (IT)	ND	---	ND
128	39.6	SB4-0.5	---	---	S8225-06-99	ND	---	ND
128	39.6	SB4-1	---	---	S8225-06-99	ND	---	ND
128	39.6	SB4-2	---	---	S8225-06-99	ND	---	ND
128	39.62	SB6-0.5	---	---	S8225-06-99	ND	---	ND
128	39.62	SB6-1	---	---	S8225-06-99	ND	---	ND
128	39.62	SB6-2	---	---	S8225-06-99	ND	---	ND
128	39.68	128-39.68	---	---	833550/01010000 (IT)	ND	---	ND
128	39.75	SB3-0.5	---	---	S8225-06-99	ND	---	ND
128	39.75	SB3-1	---	---	S8225-06-99	ND	---	ND
128	39.75	SB3-3	---	---	S8225-06-99	ND	---	ND
128	39.78	TO 140-NOA60	-123.24202	38.91043	S8875-06-140	<0.25	---	Chrysotile
128	39.78	TO 140-NOA60 (FAI)	-123.24202	38.91043	S8875-06-140	ND	---	ND
128	39.8	SB5-0.5	---	---	S8225-06-99	ND	---	ND
128	39.8	SB5-1	---	---	S8225-06-99	ND	---	ND
128	39.8	SB5-2	---	---	S8225-06-99	ND	---	ND
128	39.8	SB2-0.5	---	---	S8225-06-99	ND	---	ND
128	39.8	SB2-1	---	---	S8225-06-99	ND	---	ND
128	39.8	SB2-2	---	---	S8225-06-99	ND	---	ND
128	39.88	128-39.88	---	---	833550/01010000 (IT)	ND	---	ND
128	39.95	128-39.95	---	---	833550/01010000 (IT)	ND	---	ND
128	39.9	SB1-0.5	---	---	S8225-06-99	ND	---	ND
128	39.9	SB1-1	---	---	S8225-06-99	ND	---	ND
128	39.99	TO 140-NOA61	-123.23824	38.90885	S8875-06-140	ND	ND	ND
128	40.02	128-40.02	---	---	833550/01010000 (IT)	ND	---	ND
128	40.24	128-40.24	---	---	833550/01010000 (IT)	ND	---	ND
128	40.35	TO 140-NOA62	-123.23238	38.90659	S8875-06-140	ND	---	ND
128	40.35	128-40.35	---	---	833550/01010000 (IT)	ND	---	ND
128	40.52	128-40.52	---	---	833550/01010000 (IT)	ND	---	ND
128	40.63	128-40.63	---	---	833550/01010000 (IT)	ND	---	ND
128	40.75	128-40.75	---	---	833550/01010000 (IT)	ND	---	ND
128	40.85	128-40.85	---	---	833550/01010000 (IT)	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
128	40.88	TO 140-NOA65	-123.22379	38.90302	S8875-06-140	ND	---	ND
128	41.05	TO 140-NOA63	-123.22169	38.90096	S8875-06-140	ND	---	ND
128	41.08	TO 140-NOA64	-123.22147	38.90094	S8875-06-140	ND	ND	ND
128	41.12	128-41.12	---	---	833550/01010000 (IT)	ND	---	ND
128	41.14	TO 140-NOA66	-123.22026	38.90024	S8875-06-140	<0.25	---	Chrysotile
128	41.35	128-41.35	---	---	833550/01010000 (IT)	ND	---	ND
128	41.38	128-41.38	---	---	833550/01010000 (IT)	ND	---	ND
128	41.44	TO 140-NOA72	-123.17048	38.88880	S8875-06-140	ND	---	ND
128	41.46	128-41.46	---	---	833550/01010000 (IT)	ND	---	ND
128	41.88	TO 140-NOA67	-123.20836	38.89518	S8875-06-140	ND	---	ND
128	42.32	TO 140-NOA68	-123.20148	38.89271	S8875-06-140	<0.25	---	Chrysotile
128	42.81	128-42.81	---	---	833550/01010000 (IT)	ND	---	ND
128	42.90	TO 140-NOA69	-123.19304	38.89479	S8875-06-140	ND	---	ND
128	42.93	128-42.93	---	---	833550/01010000 (IT)	ND	---	ND
128	42.97	128-42.97	---	---	833550/01010000 (IT)	ND	---	ND
128	43.16	128-43.16	---	---	833550/01010000 (IT)	ND	---	ND
128	43.45	TO 140-NOA70	-123.18327	38.89098	S8875-06-140	ND	---	ND
128	43.46	TO 140-NOA71	-123.18321	38.89103	S8875-06-140	ND	---	ND
128	43.89	128-43.89	---	---	833550/01010000 (IT)	ND	---	ND
128	44.28	128-44.28	---	---	833550/01010000 (IT)	ND	---	ND
128	44.4	128-44.4	---	---	833550/01010000 (IT)	ND	---	ND
128	44.75	128-44.75	---	---	833550/01010000 (IT)	ND	---	ND
128	44.81	128-44.81	---	---	833550/01010000 (IT)	ND	---	ND
128	44.85	128-44.85	---	---	833550/01010000 (IT)	ND	---	ND
128	44.9	128-44.9	---	---	833550/01010000 (IT)	ND	---	ND
128	45.09	128-45.09	---	---	833550/01010000 (IT)	ND	---	ND
128	45.21	128-45.21	---	---	833550/01010000 (IT)	ND	---	ND
128	45.25	128-45.25	---	---	833550/01010000 (IT)	ND	---	ND
128	45.32	TO 140-NOA74	-123.15101	38.88639	S8875-06-140	ND	---	ND
128	45.64	128-65.64	---	---	833550/01010000 (IT)	ND	---	ND
128	45.80	TO 140-NOA73	-123.14373	38.88394	S8875-06-140	ND	0.56	ND/Chrysotile
128	45.91	128-45.91	---	---	833550/01010000 (IT)	<0.25	Chrysotile[2]	Chrysotile
128	46.37	TO 140-NOA75	-123.13486	38.88295	S8875-06-140	ND	---	ND
128	46.43	128-46.43	---	---	833550/01010000 (IT)	ND	---	ND
128	46.58	128-46.58	---	---	833550/01010000 (IT)	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
128	46.66	128-46.66	---	---	833550/01010000 (IT)	ND	---	ND
128	46.68	128-46.68	---	---	833550/01010000 (IT)	ND	---	ND
128	46.74	128-46.74	---	---	833550/01010000 (IT)	ND	---	ND
128	46.85	128-46.85	---	---	833550/01010000 (IT)	1.25	Chrysotile[2]	Chrysotile
128	47.03	128-47.03	---	---	833550/01010000 (IT)	ND	---	ND
128	47.19	128-47.19	---	---	833550/01010000 (IT)	ND	---	ND
128	47.52	128-47.52	---	---	833550/01010000 (IT)	ND	---	ND
128	47.62	TO 140-NOA76	-123.11837	38.88420	S8875-06-140	ND	---	ND
128	47.64	TO 140-NOA77	-123.11811	38.88406	S8875-06-140	0.75	---	Chrysotile
128	47.64	128-47.64	---	---	833550/01010000 (IT)	<0.25	Chrysotile[2]	Chrysotile
128	47.66	TO 140-NOA78	-123.11721	38.88373	S8875-06-140	ND	---	ND
128	47.66	TO 140-NOA78 (FAI)	-123.11721	38.88373	S8875-06-140	ND	---	ND
128	47.71	128-47.71	---	---	833550/01010000 (IT)	<0.25	Chrysotile[2]	Chrysotile
128	47.97	128-47.97	---	---	833550/01010000 (IT)	ND	---	ND
128	48.21	128-48.21	---	---	833550/01010000 (IT)	ND	---	ND
128	48.30	128-48.3	---	---	833550/01010000 (IT)	0.25	Chrysotile[2]	Chrysotile
128	48.33	TO 140-NOA79	-123.11005	38.87656	S8875-06-140	<0.25	---	Chrysotile
128	48.44	128-48.44	---	---	833550/01010000 (IT)	ND	---	ND
128	48.46	128-48.46	---	---	833550/01010000 (IT)	ND	---	ND
128	48.50	128-48.5	---	---	833550/01010000 (IT)	ND	---	ND
128	48.61	TO 140-NOA80	-123.10234	38.87493	S8875-06-140	ND	---	ND
128	48.61	128-48.61	---	---	833550/01010000 (IT)	ND	---	ND
128	48.89	128-48.89	---	---	833550/01010000 (IT)	0.25	Chrysotile[2]	Chrysotile
128	48.92	128-48.92	---	---	833550/01010000 (IT)	ND	---	ND
128	48.99	TO 140-NOA81	-123.09673	38.87207	S8875-06-140	<0.25	<0.01	ND/Chrysotile
128	49.04	128-49.04	---	---	833550/01010000 (IT)	ND	---	ND
128	49.15	128-49.15	---	---	833550/01010000 (IT)	ND	---	ND
128	49.20	TO 140-NOA82	-123.09648	38.8718	S8875-06-140	1.75	---	Chrysotile
128	49.20	TO 140-NOA82 (FAI)	-123.09648	38.8718	S8875-06-140	11	---	Chrysotile
128	49.28	128-49.28	---	---	833550/01010000 (IT)	ND	---	ND
128	49.46	TO 140-NOA83	-123.09292	38.86734	S8875-06-140	ND	---	ND
128	49.46	128-49.46	---	---	833550/01010000 (IT)	ND	---	ND
128	49.66	128-49.66	---	---	833550/01010000 (IT)	ND	---	ND
128	49.72	128-49.72	---	---	833550/01010000 (IT)	ND	---	ND
128	49.95	128-49.95	---	---	833550/01010000 (IT)	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
128	50.00	128-50	---	---	833550/01010000 (IT)	ND	---	ND
128	50.29	128-50.29	---	---	833550/01010000 (IT)	ND	---	ND
128	50.43	TO138 HWY 128 NOA1	---	---	S8875-06-138	ND	---	ND
128	50.43	TO138 HWY 128 NOA2	---	---	S8875-06-138	ND	---	ND
128	50.43	TO138 HWY 128 NOA3	---	---	S8875-06-138	ND	---	ND
128	50.50	TO 140-NOA84	-123.08512	38.86206	S8875-06-140	ND	---	ND
128	50.51	128-50.51	---	---	833550/01010000 (IT)	ND	---	ND
128	50.59	128-50.59	---	---	833550/01010000 (IT)	ND	---	ND
128	50.88	TO138 HWY 128 PM 50.88 NOA1	---	---	S8875-06-138	ND	---	ND
128	50.88	TO138 HWY128 PM 50.88 NOA2	---	---	S8875-06-138	ND	---	ND
128	50.88	TO138 HWY 128 PM 50.88 NOA3	---	---	S8875-06-138	ND	---	ND
162	10.85	TO120-1	---	---	S8875-06-120	ND	---	ND
162	10.86	162M17-0.75	39.6615285	-123.344318	S9300-06-93	ND	---	ND
162	10.87	TO120-2	---	---	S8875-06-120	ND	---	ND
162	10.88	TO120-12	---	---	S8875-06-120	ND	---	ND
162	10.89	TO120-3	---	---	S8875-06-120	ND	---	ND
162	10.89	TO120-4	---	---	S8875-06-120	<0.25	---	Chrysotile
162	10.91	TO120-5	---	---	S8875-06-120	<0.25	---	Chrysotile
162	10.91	TO120-19	---	---	S8875-06-120	ND	---	ND
162	10.91	TO120-17	---	---	S8875-06-120	<0.25	0.11	Chrysotile

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
162	10.91	TO120-16	---	---	S8875-06-120	ND	ND	ND
162	10.92	TO120-13	---	---	S8875-06-120	<0.25	---	Chrysotile
162	10.93	TO120-6	---	---	S8875-06-120	<0.25	---	Chrysotile
162	10.93	TO120-18	---	---	S8875-06-120	3.50%	---	Chrysotile
162	10.93	TO120-7	---	---	S8875-06-120	ND	---	ND
162	10.94	TO120-8	---	---	S8875-06-120	ND	---	ND
162	10.95	TO120-9	---	---	S8875-06-120	<0.25	---	Chrysotile
162	10.97	TO120-14	---	---	S8875-06-120	ND	---	ND
162	10.99	TO120-10	---	---	S8875-06-120	ND	---	ND
162	11.00	162M65-0.75	---	---	S9300-06-93	ND	---	ND
162	11.01	TO120-11	---	---	S8875-06-120	ND	---	ND
162	11.01	TO120-15	---	---	S8875-06-120	ND	---	ND
162	11.25	TO138 HWY 162 NOA7	---	---	S8875-06-138	ND	<0.1	ND/Chrysotile
162	11.25	TO138 HWY 162 NOA8	---	---	S8875-06-138	ND	---	ND
162	11.42	TO138 HWY 162 NOA4	---	---	S8875-06-138	<0.25	---	Chrysotile
162	11.45	TO138 HWY 162 NOA6	---	---	S8875-06-138	ND	---	ND
162	11.5	TO138 HWY 162 NOA3	---	---	S8875-06-138	ND	---	ND
162	11.5	TO138 HWY 162 NOA5	---	---	S8875-06-138	ND	---	ND
162	11.92	TO138 HWY 162 NOA1	---	---	S8875-06-138	ND	---	ND
162	11.92	TO138 HWY 162 NOA2	---	---	S8875-06-138	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
162	11.98	162M64-0.75	---	---	S9300-06-93	<0.25	---	Chrysotile
162	12.99	162M63-0.75	---	---	S9300-06-93	ND	---	ND
162	13.98	162M62-0.75	---	---	S9300-06-93	ND	---	ND
162	14.24	TO138 HWY 162 NOA13	---	---	S8875-06-138	ND	---	ND
162	14.44	TO138 HWY 162 NOA9	---	---	S8875-06-138	ND	---	ND
162	14.44	TO138 HWY 162 NOA12	---	---	S8875-06-138	ND	---	ND
162	14.48	TO138 HWY 162 NOA10	---	---	S8875-06-138	ND	---	ND
162	14.52	TO138 HWY 162 NOA11	---	---	S8875-06-138	ND	---	ND
162	15.0	162M61-0.75	---	---	S9300-06-93	ND	---	ND
162	15.5	162M22-0.75	39.71193295	-123.3420041	S9300-06-93	ND	---	ND
162	16.10	162M60-0.75	---	---	S9300-06-93	ND	---	ND
162	16.5	TO138 HWY 162 NOA15	---	---	S8875-06-138	ND	---	ND
162	16.53	TO138 HWY 162 NOA16	---	---	S8875-06-138	0.75	---	Chrysotile
162	16.53	TO138 HWY 162 NOA17	---	---	S8875-06-138	<0.25	---	Chrysotile
162	16.54	TO138 HWY 162 NOA18	---	---	S8875-06-138	<0.25	---	Chrysotile
162	16.54	TO138 HWY 162 NOA19	---	---	S8875-06-138	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
162	16.79	162M59-0.75	—	—	S9300-06-93	ND	—	ND
162	17.96	162M58-0.75	—	—	S9300-06-93	ND	—	ND
162	18.94	162M57-0.75	—	—	S9300-06-93	ND	—	ND
162	19.93	162M56-0.75	—	—	S9300-06-93	ND	—	ND
162	20.11	TO138 HWY 162 NOA20	—	—	S8875-06-138	ND	—	ND
162	20.16	TO138 HWY 162 NOA21	—	—	S8875-06-138	ND	—	ND
162	20.55	162M27-0.75	39.71610318	-123.2837819	S9300-06-93	ND	—	ND
162	20.78	TO138 HWY 162 NOA22	—	—	S8875-06-138	ND	—	ND
162	20.87	TO138 HWY 162 NOA23	—	—	S8875-06-138	ND	—	ND
162	21.0	162M55-0.75	39.71322174	-123.2787764	S9300-06-93	ND	—	ND
162	21.17	TO138 HWY 162 NOA24	—	—	S8875-06-138	ND	—	ND
162	21.25	TO138 HWY 162 NOA25	—	—	S8875-06-138	0.5	—	Chrysotile
162	21.29	TO138 HWY 162 NOA26	—	—	S8875-06-138	4.25	>12[3]	Chrysotile
162	21.31	TO138 HWY 162 NOA27	—	—	S8875-06-138	0.50	—	Chrysotile
162	21.37	TO138 HWY 162 NOA28	—	—	S8875-06-138	7.75	—	Chrysotile
162	21.43	TO138 HWY 162 NOA29	—	—	S8875-06-138	<0.25	—	Chrysotile

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
162	21.52	162M28-0.75	39.71331664	-123.2701974	S9300-06-93	ND	---	ND
162	22	162M54-0.75	39.71504824	-123.2627941	S9300-06-93	ND	---	ND
162	22.48	162M29-0.75	39.7122597	-123.3135653	S9300-06-93	ND	---	ND
162	23.04	162M53-0.75	39.72644153	-123.2614424	S9300-06-93	ND	---	ND
162	24.07	162M52-0.75	39.73367627	-123.2558443	S9300-06-93	ND	---	ND
162	25	162M51-0.75	39.73866721	-123.2539768	S9300-06-93	ND	---	ND
162	25.59	162M32-0.75	39.74231488	-123.2490245	S9300-06-93	<0.25	---	Chrysotile
162	25.59	162M33	39.74231488	-123.2490245	S9300-06-93	16.00	---	Chrysotile
162	26.5	162M34-0.75	39.75523198	-123.2482855	S9300-06-93	ND	---	ND
162	27.5	162M35-0.75	39.76899223	-123.2480857	S9300-06-93	<0.25	---	Chrysotile
162	28.32	162M36-0.75	39.78138781	-123.2481614	S9300-06-93	<0.25	---	Chrysotile
162	29.49	162M37-0.75	39.79859637	-123.248059	S9300-06-93	ND	---	ND
162	30.49	162M38-0.75	39.82205679	-123.2480932	S9300-06-93	<0.25	---	Chrysotile
162	31.5	162M39-0.75	39.81681543	-123.2338366	S9300-06-93	ND	---	ND
162	32.5	162M40-0.75	39.81663976	-123.2145164	S9300-06-93	ND	---	ND
162	33.5	162M41-0.75	39.82207896	-123.1997227	S9300-06-93	ND	---	ND
175	1	175M2-0.75	38.97613555	-123.099968	S9300-06-93	ND	---	ND
175	1.06	TO37-8	---	---	S8875-06-37	ND	---	ND
175	1.08	TO37-7	---	---	S8875-06-37	ND	---	ND
175	1.09	TO37-2	---	---	S8875-06-37	ND	---	ND
175	1.091	TO37-6	---	---	S8875-06-37	ND	<0.01	ND/Chrysotile
175	1.093	TO37-5	---	---	S8875-06-37	ND	---	ND
175	1.1	TO37-4	---	---	S8875-06-37	ND	---	ND
175	1.1	TO37-9	---	---	S8875-06-37	ND	---	ND
175	1.1	TO37-10	---	---	S8875-06-37	ND	---	ND
175	1.11	TO37-1	---	---	S8875-06-37	ND	---	ND
175	1.13	TO37-3	---	---	S8875-06-37	ND	---	ND
175	2	175M3-0.75	38.97330886	-123.0844611	S9300-06-93	ND	---	ND
175	2.36	175M19-0.75	38.97377496	-123.079088	S9300-06-93	ND	---	ND
175	3.97	175M5-0.75	38.97669002	-123.0518034	S9300-06-93	ND	---	ND
175	4.46	175M17-0.75	38.97487385	-123.0433234	S9300-06-93	ND	---	ND
175	5.9	175M7-0.75	38.97121168	-123.0229913	S9300-06-93	ND	---	ND
175	9	175M10-0.75	38.98415056	-122.9971229	S9300-06-93	ND	---	ND
175	9.4	175M12-0.75	38.98781781	-122.9929644	S9300-06-93	ND	---	ND
175	9.84	175M11	38.98870623	-122.9863099	S9300-06-93	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
253	0.17	TO 140-NOA21	-123.35695	38.99975	S8875-06-140	ND	---	ND
253	0.25	TO 140-NOA22	-123.35340	39.00057	S8875-06-140	ND	---	ND
253	0.32	TO 140-NOA23	-123.35196	38.99998	S8875-06-140	ND	---	ND
253	0.51	TO142-NOA3	---	---	S8875-06-142	0.75	---	Chrysotile
253	0.51	TO142-NOA4	---	---	S8875-06-142	0.75	>10	Chrysotile
253	0.53	TO142-NOA5	---	---	S8875-06-142	ND	---	ND
253	0.53	TO 140-NOA135	-123.34929	39.00015	S8875-06-140	ND	---	ND
253	0.55	TO142-NOA2	---	---	S8875-06-142	<0.25	---	Chrysotile
253	0.55	TO 140-NOA132	-123.34918	39.00024	S8875-06-140	ND	---	ND
253	0.56	TO 140-NOA133	-123.34865	39.00036	S8875-06-140	1.50	---	Chrysotile
253	0.56	TO 140-NOA134	-123.34874	39.00021	S8875-06-140	1.25	---	Chrysotile
253	0.61	TO142-NOA6	---	---	S8875-06-142	<0.25	---	Chrysotile
253	0.61	TO142-NOA1A	---	---	S8875-06-142	ND	---	ND
253	0.61	TO142-NOA1B	---	---	S8875-06-142	ND	---	ND
253	0.62	TO142-NOA7	---	---	S8875-06-142	<0.25	---	Chrysotile
253	0.71	TO 140-NOA136	-123.34513	38.99978	S8875-06-140	5.25	---	Chrysotile
253	0.71	TO 140-NOA136 (FAI)	-123.34513	38.99978	S8875-06-140	5	---	Chrysotile
253	0.82	TO 140-NOA137	-123.34367	38.99948	S8875-06-140	ND	ND	ND
253	0.95	TO 140-NOA138	-123.34164	39.00014	S8875-06-140	1.50	---	Chrysotile
253	0.98	TO 140-NOA131	-123.34106	39.00026	S8875-06-140	5.00	---	Chrysotile
253	0.99	253-0.99	---	---	833550/01010000 (IT)	0.25	Chrysotile	Chrysotile
253	1.06	253-1.06	---	---	833550/01010000 (IT)	ND	---	ND
253	1.10	TO 140-NOA130	-123.34068	39.00040	S8875-06-140	<0.25	---	Chrysotile
253	1.1	TO39-10	---	---	S8875-06-39	ND	---	ND
253	1.13	TO39-1	---	---	S8875-06-39	ND	---	ND
253	1.15	TO39-9	---	---	S8875-06-39	ND	---	ND
253	1.16	TO39-2	---	---	S8875-06-39	1.25	---	Chrysotile
253	1.2	TO39-8	---	---	S8875-06-39	ND	---	ND
253	1.22	TO39-3	---	---	S8875-06-39	ND	---	ND
253	1.24	TO39-7	---	---	S8875-06-39	ND	4.84	ND/Chrysotile
253	1.26	TO39-4	---	---	S8875-06-39	ND	---	ND
253	1.28	TO39-6	---	---	S8875-06-39	2.00	---	Chrysotile
253	1.3	TO39-5	---	---	S8875-06-39	ND	---	ND
253	1.30	TO 140-NOA139	-123.33493	38.99995	S8875-06-140	ND	---	ND
253	1.38	253-1.38	---	---	833550/01010000 (IT)	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
253	1.63	TO 140-NOA140	-123.33144	38.9985	S8875-06-140	2.50	6.04	Chrysotile
253	1.80	TO 140-NOA128	-123.32699	38.99988	S8875-06-140	ND	---	ND
253	1.81	TO 140-NOA129	-123.32667	39.00002	S8875-06-140	ND	ND	ND
253	1.95	253-1.95	---	---	833550/01010000 (IT)	ND	---	ND
253	2.05	TO 140-NOA141	-123.32434	39.00092	S8875-06-140	ND	---	ND
253	2.32	TO 140-NOA127	-123.32246	39.00449	S8875-06-140	ND	---	ND
253	2.34	TO 140-NOA126	-123.32246	39.00449	S8875-06-140	ND	---	ND
253	2.41	253-2.41	---	---	833550/01010000 (IT)	ND	---	ND
253	2.54	TO 140-NOA125	-123.32073	39.00694	S8875-06-140	ND	---	ND
253	2.81	253-2.81	---	---	833550/01010000 (IT)	ND	---	ND
253	2.84	TO 140-NOA142	-123.32309	39.01351	S8875-06-140	ND	---	ND
253	2.85	253-2.85	---	---	833550/01010000 (IT)	ND	---	ND
253	2.98	253-2.98	---	---	833550/01010000 (IT)	ND	---	ND
253	3.06	253-3.06	---	---	833550/01010000 (IT)	ND	---	ND
253	3.13	253-3.13	---	---	833550/01010000 (IT)	ND	---	ND
253	3.30	253-3.3	---	---	833550/01010000 (IT)	ND	---	ND
253	3.31	TO 140-NOA124	-123.32289	39.0175	S8875-06-140	ND	---	ND
253	3.31	TO 140-NOA124 (FAI)	-123.32289	39.0175	S8875-06-140	ND	---	ND
253	3.34	253-3.34	---	---	833550/01010000 (IT)	ND	---	ND
253	3.37	253-3.37	---	---	833550/01010000 (IT)	ND	---	ND
253	3.40	253-3.4	---	---	833550/01010000 (IT)	ND	---	ND
253	3.46	253-3.46	---	---	833550/01010000 (IT)	ND	---	ND
253	3.48	253-3.48	---	---	833550/01010000 (IT)	ND	---	ND
253	3.53	253-3.53	---	---	833550/01010000 (IT)	ND	---	ND
253	3.56	253-3.56	---	---	833550/01010000 (IT)	ND	---	ND
253	3.57	TO 140-NOA123	-123.31922	39.01819	S8875-06-140	ND	---	ND
253	3.67	253-3.67	---	---	833550/01010000 (IT)	ND	---	ND
253	3.70	253-3.7	---	---	833550/01010000 (IT)	ND	---	ND
253	3.76	253-3.76	---	---	833550/01010000 (IT)	ND	---	ND
253	3.86	253-3.86	---	---	833550/01010000 (IT)	ND	---	ND
253	4.00	TO 140-NOA122	-123.31635	39.02324	S8875-06-140	ND	ND	ND
253	4.18	253-4.18	---	---	833550/01010000 (IT)	ND	---	ND
253	4.25	253-4.25	---	---	833550/01010000 (IT)	ND	---	ND
253	4.38	TO 140-NOA143	-123.31022	39.02451	S8875-06-140	ND	---	ND
253	4.38	TO 140-NOA143 (FAI)	-123.31022	39.02451	S8875-06-140	ND	---	ND
253	4.41	253-4.41	---	---	833550/01010000 (IT)	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
253	4.43	TO 140-NOA121	-123.30900	39.02517	S8875-06-140	ND	---	ND
253	4.65	TO 140-NOA165	-123.30612	39.02605	S8875-06-140	ND	---	ND
253	4.78	253-4.78	---	---	833550/01010000 (IT)	ND	---	ND
253	4.90	253-4.9	---	---	833550/01010000 (IT)	ND	---	ND
253	4.97	253-4.97	---	---	833550/01010000 (IT)	ND	---	ND
253	5.15	253-5.15	---	---	833550/01010000 (IT)	ND	---	ND
253	5.44	TO 140-NOA120	-123.29113	39.02532	S8875-06-140	ND	ND	ND
253	5.44	253-5.44	---	---	833550/01010000 (IT)	ND	---	ND
253	5.79	TO 140-NOA119	-123.28526	39.02674	S8875-06-140	ND	---	ND
253	5.90	253-5.9	---	---	833550/01010000 (IT)	ND	---	ND
253	6.01	253-6.01	---	---	833550/01010000 (IT)	ND	---	ND
253	6.17	253-6.17	---	---	833550/01010000 (IT)	ND	---	ND
253	6.25	TO 140-NOA118	-123.27766	39.02989	S8875-06-140	ND	---	ND
253	6.30	253-6.3	---	---	833550/01010000 (IT)	ND	---	ND
253	6.34	253-6.34	---	---	833550/01010000 (IT)	ND	---	ND
253	6.56	253-6.56	---	---	833550/01010000 (IT)	ND	---	ND
253	6.63	253-6.63	---	---	833550/01010000 (IT)	ND	---	ND
253	6.71	TO 140-NOA144	-123.27699	39.03251	S8875-06-140	ND	---	ND
253	6.83	TO 140-NOA117	-123.27426	39.03252	S8875-06-140	ND	---	ND
253	6.83	TO 140-NOA117 (FAI)	-123.27426	39.03252	S8875-06-140	ND	---	ND
253	6.97	253-6.97	---	---	833550/01010000 (IT)	ND	---	ND
253	7.00	TO 140-NOA112	-123.27205	39.03175	S8875-06-140	ND	ND	ND
253	7.01	TO 140-NOA113	-123.27194	39.03199	S8875-06-140	ND	---	ND
253	7.02	TO 140-NOA114	-123.27199	39.03187	S8875-06-140	ND	---	ND
253	7.35	253-7.35	---	---	833550/01010000 (IT)	ND	---	ND
253	7.40	253-7.4	---	---	833550/01010000 (IT)	ND	---	ND
253	7.51	TO 140-NOA115	-123.26589	39.03559	S8875-06-140	ND	---	ND
253	7.53	253-7.53	---	---	833550/01010000 (IT)	ND	---	ND
253	7.60	TO 140-NOA116	-123.26475	39.03658	S8875-06-140	ND	---	ND
253	7.62	253-7.62	---	---	833550/01010000 (IT)	ND	---	ND
253	7.73	TO 140-NOA111	-123.26413	39.03819	S8875-06-140	ND	---	ND
253	8.05	253-8.05	---	---	833550/01010000 (IT)	ND	---	ND
253	8.09	TO 140-NOA109	-123.26506	39.04308	S8875-06-140	ND	---	ND
253	8.09	TO 140-NOA109 (FAI)	-123.26506	39.04308	S8875-06-140	ND	---	ND
253	8.09	TO 140-NOA110	-123.26506	39.04308	S8875-06-140	ND	---	ND
253	8.11	253-8.11	---	---	833550/01010000 (IT)	ND	---	ND

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STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
253	8.18	TO 140-NOA106	-123.26497	39.04485	S8875-06-140	ND	---	ND
253	8.30	TO 140-NOA108	-123.26538	39.04587	S8875-06-140	ND	---	ND
253	8.32	TO 140-NOA107	-123.26567	39.04609	S8875-06-140	ND	---	ND
253	8.42	253-8.42	---	---	833550/01010000 (IT)	ND	---	ND
253	8.57	TO 140-NOA105	-123.26518	39.04933	S8875-06-140	ND	---	ND
253	8.61	TO 140-NOA104	-123.26481	39.05007	S8875-06-140	ND	---	ND
253	8.84	TO 140-NOA103	-123.26179	39.05106	S8875-06-140	ND	---	ND
253	8.87	253-8.87	---	---	833550/01010000 (IT)	ND	---	ND
253	9.20	TO 140-NOA102	-123.25709	39.04938	S8875-06-140	ND	---	ND
253	9.40	TO 140-NOA164	-123.25372	39.04756	S8875-06-140	ND	---	ND
253	9.50	TO 140-NOA163	-123.25196	39.04777	S8875-06-140	ND	---	ND
253	9.60	253-9.6	---	---	833550/01010000 (IT)	ND	---	ND
253	9.62	TO 140-NOA162	-123.25084	39.04869	S8875-06-140	ND	---	ND
253	9.62	TO 140-NOA162 (FAI)	-123.25084	39.04869	S8875-06-140	ND	---	ND
253	9.64	TO 140-NOA101	-123.24965	39.05018	S8875-06-140	ND	---	ND
253	9.64	TO 140-NOA161	-123.25062	39.04892	S8875-06-140	ND	---	ND
253	9.65	TO 140-NOA100	-123.2491	39.05071	S8875-06-140	3.25	---	Chrysotile
253	9.65	TO140-NOA100 (FAI)	-123.2491	39.05071	S8875-06-140	3	---	Chrysotile
253	9.65	TO 140-NOA160	-123.25058	39.04900	S8875-06-140	1.50	---	Chrysotile
253	9.70	TO 140-NOA158	-123.25025	39.04953	S8875-06-140	ND	ND	ND
253	9.74	TO 140-NOA159	-123.2505	39.04922	S8875-06-140	ND	ND	ND
253	10.05	TO 140-NOA155	-123.24477	39.05683	S8875-06-140	ND	---	ND
253	10.20	253-10.2	---	---	833550/01010000 (IT)	ND	---	ND
253	10.36	TO 140-NOA99	-123.24543	39.05479	S8875-06-140	ND	---	ND
253	10.41	TO 140-NOA157	-123.24481	39.05509	S8875-06-140	ND	---	ND
253	10.41	253-10.41	---	---	833550/01010000 (IT)	ND	---	ND
253	10.45	TO 140-NOA156	-123.24453	39.0567	S8875-06-140	ND	---	ND
253	10.45	TO 140-NOA156 (FAI)	-123.24453	39.0567	S8875-06-140	ND	---	ND
253	10.62	253-10.62	---	---	833550/01010000 (IT)	ND	---	ND
253	10.68	253-10.68	---	---	833550/01010000 (IT)	ND	---	ND
253	10.77	TO 140-NOA98	-123.24246	39.05881	S8875-06-140	ND	ND	ND
253	10.78	TO 140-NOA97	-123.24229	39.05895	S8875-06-140	ND	---	ND
253	10.80	TO 140-NOA96	-123.24195	39.05920	S8875-06-140	ND	---	ND
253	11.37	253-11.37	---	---	833550/01010000 (IT)	ND	---	ND
253	11.48	253-11.48	---	---	833550/01010000 (IT)	ND	---	ND
253	11.53	TO 140-NOA95	-123.23696	39.06595	S8875-06-140	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
253	11.53	TO 140-NOA95 (FAI)	-123.23696	39.06595	S8875-06-140	ND	---	ND
253	11.53	253-11.53	---	---	833550/01010000 (IT)	ND	---	ND
253	11.60	TO 140-NOA94	-123.23687	39.06662	S8875-06-140	ND	---	ND
253	11.62	253-11.62	---	---	833550/01010000 (IT)	ND	---	ND
253	11.74	253-11.74	---	---	833550/01010000 (IT)	ND	---	ND
253	11.80	253-11.8	---	---	833550/01010000 (IT)	ND	---	ND
253	12.01	253-12.01	---	---	833550/01010000 (IT)	ND	---	ND
253	12.07	TO 140-NOA154	-123.23007	39.06312	S8875-06-140	ND	---	ND
253	12.17	253-12.17	---	---	833550/01010000 (IT)	ND	---	ND
253	12.37	TO 140-NOA153	-123.22488	39.06428	S8875-06-140	ND	---	ND
253	12.52	TO 140-NOA93	-123.22280	39.06569	S8875-06-140	ND	ND	ND
253	12.61	253-12.61	---	---	833550/01010000 (IT)	ND		ND
253	12.73	TO 140-NOA151	-123.22098	39.06727	S8875-06-140	ND	ND	ND
253	12.74	TO 140-NOA149	-123.22060	39.06728	S8875-06-140	ND	---	ND
253	12.74	TO 140-NOA150	-123.22060	39.06724	S8875-06-140	ND	---	ND
253	12.76	TO 140-NOA148	-123.22029	39.06728	S8875-06-140	ND	---	ND
253	12.78	TO 140-NOA147	-123.21991	39.06768	S8875-06-140	<0.25	---	Chrysotile
253	12.80	TO 140-NOA152	-123.21994	39.06788	S8875-06-140	<0.25	---	Chrysotile
253	12.80	253-12.8	---	---	833550/01010000 (IT)	ND	---	ND
253	12.81	TO 140-NOA146	-123.21993	39.06799	S8875-06-140	0.75	---	Chrysotile
253	12.90	TO 140-NOA145	-123.21993	39.06834	S8875-06-140	<0.25	---	Chrysotile
253	13.02	253-13.02	---	---	833550/01010000 (IT)	ND	---	ND
253	13.27	TO 140-NOA92	-123.21490	39.06997	S8875-06-140	ND	---	ND
253	13.27	253-13.27	---	---	833550/01010000 (IT)	ND	---	ND
253	13.36	253-13.36	---	---	833550/01010000 (IT)	ND	---	ND
253	13.73	253-13.73	---	---	833550/01010000 (IT)	ND	---	ND
253	13.78	TO 140-NOA91	-123.21309	39.07342	S8875-06-140	ND	---	ND
253	13.96	253-13.96	---	---	833550/01010000 (IT)	ND	---	ND
253	14.06	TO 140-NOA90	-123.21491	39.07784	S8875-06-140	ND	---	ND
253	14.31	253-14.31	---	---	833550/01010000 (IT)	ND	---	ND
253	14.62	253-14.62	---	---	833550/01010000 (IT)	ND	---	ND
253	14.64	TO 140-NOA89	-123.22000	39.08504	S8875-06-140	ND	---	ND
253	15.40	TO 140-NOA88	-123.22123	39.09046	S8875-06-140	ND	---	ND
253	15.51	TO 140-NOA87	-123.21393	39.09441	S8875-06-140	ND	---	ND
253	15.70	TO140-NOA1	-123.21113	39.09618	S8875-06-140	ND	---	ND
253	15.72	253-15.72	---	---	833550/01010000 (IT)	ND	---	ND

TABLE 3
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	POST MILE	SAMPLE OR BORING IDENTIFICATION	LATITUDE	LONGITUDE	PROJECT NO.	ASBESTOS % (PLM)	ASBESTOS % (TEM)	ASBESTOS TYPE
253	15.94	253-15.94	---	---	833550/01010000 (IT)	ND	---	ND
253	16.34	TO 140-NOA86	-123.20379	39.10240	S8875-06-140	ND	ND	ND
253	16.51	253-16.51	---	---	833550/01010000 (IT)	ND	---	ND
253	16.67	TO 140-NOA85	-123.19892	39.10502	S8875-06-140	ND	---	ND
253	17.15	253-17.15	---	---	833550/01010000 (IT)	ND	---	ND
271	0.1	TO65-1	---	---	S8875-06-65	<0.25	---	Chrysotile
271	0.1	TO65-2	---	---	S8875-06-65	<0.25	---	Chrysotile
271	0.1	TO65-chip	---	---	S8875-06-65	0.50	6.32	Chrysotile
271	0.44	271M16	39.83355711	-123.6373601	S9300-06-93	<0.25	---	Chrysotile
271	0.5	271M1-0.75	39.83321475	-123.6395768	S9300-06-93	ND	---	ND
271	0.78	TO65-3	---	---	S8875-06-65	ND	ND	ND
271	0.78	TO65-4	---	---	S8875-06-65	ND	---	ND

Notes:
PLM = Polarized Light Microscopy
TEM = Transmission Electron Microscopy
ND = None Detected
--- = No Data Available
EMSL = EMSL Analytical, Inc.
FAI = Forensic Analytical, Inc.
Shaw = Shaw Environmental, Inc.
IT = IT Corporation
[1] = Fibers reported with chemistry, morphology, and selected area electron diffraction characteristics not entirely consistent with regulated asbestos
[2] = Analysis terminated as content has exceeded 10% by mass-calculation
>10% = Analysis terminated as asbestos content exceeds 10% by mass calculation

TABLE 4
SUMMARY OF ASBESTOS DUST MITIGATION RECOMMENDATIONS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	BEG. PM	END PM	ASBESTOS DUST MITIGATION RECOMMENDATIONS
1	0.00	105.49	Soil disturbing activities are not subject to asbestos dust control measures.
20	0.00	44.00	Soil disturbing activities are not subject to asbestos dust control measures.
101	0.00	9.20	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	9.20	20.00	Soil disturbing activities should comply with ATCMs 93105 and 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
	20.00	36.83	Soil disturbing activities are not subject to asbestos dust control measures.
	36.83	38.00	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	38.00	80.73	Soil disturbing activities are not subject to asbestos dust control measures.
	80.73	87.41	Soil disturbing activities should comply with ATCMs 93105 and 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
	87.41	106.80	Soil disturbing activities are not subject to asbestos dust control measures.
128	0.00	4.30	Soil disturbing activities are not subject to asbestos dust control measures.
	4.30	4.39	Soil disturbing activities should comply with ATCMs 93105 and 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
	4.39	23.13	Soil disturbing activities are not subject to asbestos dust control measures.

TABLE 4
SUMMARY OF ASBESTOS DUST MITIGATION RECOMMENDATIONS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	BEG. PM	END PM	ASBESTOS DUST MITIGATION RECOMMENDATIONS
128	23.13	24.08	Soil disturbing activities should comply with ATCMs 93105 and 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
	24.08	29.72	Soil disturbing activities are not subject to asbestos dust control measures.
	29.72	31.60	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	31.60	32.53	Soil disturbing activities are not subject to asbestos dust control measures.
	32.53	32.92	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including praperation of and implementation of the measures presented in an ADMP.
	32.92	33.04	Soil disturbing activities are not subject to asbestos dust control measures.
	33.04	33.16	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	33.16	33.45	Soil disturbing activities are not subject to asbestos dust control measures.
	33.45	33.51	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	33.51	33.76	Soil disturbing activities are not subject to asbestos dust control measures.
	33.76	33.92	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	33.92	39.50	Soil disturbing activities are not subject to asbestos dust control measures.
	39.50	39.90	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	39.90	41.12	Soil disturbing activities are not subject to asbestos dust control measures.
	41.12	41.17	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	41.17	42.19	Soil disturbing activities are not subject to asbestos dust control measures.

TABLE 4
SUMMARY OF ASBESTOS DUST MITIGATION RECOMMENDATIONS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	BEG. PM	END PM	ASBESTOS DUST MITIGATION RECOMMENDATIONS
128	42.19	42.52	Soil disturbing activities should comply with ATCMs 93105 and 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
	42.52	45.60	Soil disturbing activities are not subject to asbestos dust control measures.
	45.60	46.00	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	46.00	46.70	Soil disturbing activities are not subject to asbestos dust control measures.
	46.70	47.00	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	47.00	47.50	Soil disturbing activities are not subject to asbestos dust control measures.
	47.50	47.75	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	47.75	48.21	Soil disturbing activities are not subject to asbestos dust control measures.
	48.21	48.56	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	48.56	48.89	Soil disturbing activities are not subject to asbestos dust control measures.
	48.89	49.23	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	49.23	50.10	Soil disturbing activities are not subject to asbestos dust control measures.
162	0.00	10.89	Soil disturbing activities are not subject to asbestos dust control measures.
	10.89	10.93	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	10.93	16.50	Soil disturbing activities are not subject to asbestos dust control measures.

TABLE 4
SUMMARY OF ASBESTOS DUST MITIGATION RECOMMENDATIONS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	BEG. PM	END PM	ASBESTOS DUST MITIGATION RECOMMENDATIONS
162	16.50	16.54	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	16.54	21.17	Soil disturbing activities are not subject to asbestos dust control measures.
	21.17	21.44	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	21.44	23.50	Soil disturbing activities are not subject to asbestos dust control measures.
	23.50	24.07	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	24.07	24.54	Soil disturbing activities are not subject to asbestos dust control measures.
	24.54	25.76	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	25.76	26.27	Soil disturbing activities should comply with ATCMs 93105 and 93106 dust control requirements unless a site-specific NOA survey is conducted that demonstrates that materials likely to contain NOA at regulated levels are not present.
	26.27	34.00	Soil disturbing activities are not subject to asbestos dust control measures.
175	0.00	9.00	Soil disturbing activities are not subject to asbestos dust control measures.
253	0.0	0.30	Soil disturbing activities are not subject to asbestos dust control measures.
	0.30	2.40	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	2.40	4.36	Soil disturbing activities are not subject to asbestos dust control measures.
	4.36	4.40	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	4.40	4.63	Soil disturbing activities are not subject to asbestos dust control measures.

TABLE 4
SUMMARY OF ASBESTOS DUST MITIGATION RECOMMENDATIONS
STATE ROUTES 1, 20, 101, 128, 162, 175, 253 AND 271
MENDOCINO COUNTY, CALIFORNIA

ROUTE	BEG. PM	END PM	ASBESTOS DUST MITIGATION RECOMMENDATIONS
253	4.63	4.67	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	4.67	8.32	Soil disturbing activities are not subject to asbestos dust control measures.
	8.32	8.34	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	8.34	9.38	Soil disturbing activities are not subject to asbestos dust control measures.
	9.38	9.74	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	9.74	12.72	Soil disturbing activities are not subject to asbestos dust control measures.
	12.72	12.92	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	12.92	13.93	Soil disturbing activities are not subject to asbestos dust control measures.
	13.93	15.76	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	15.76	17.15	Soil disturbing activities are not subject to asbestos dust control measures.
271	0.00	0.50	Soil disturbing activities should comply with ATCMs 93105 and/or 93106 dust control requirements including preparation of and implementation of the measures presented in an ADMP.
	0.50	23.00	Soil disturbing activities are not subject to asbestos dust control measures.

Notes: NOA = Naturally Occurring Asbestos
ATCM = Airborne Toxic Control Measure
ADMP = Asbestos Dust Mitigation Plan

APPENDIX A

MENDOCINO COUNTY AIR QUALITY MANAGEMENT DISTRICT
RULE 1-430 - FUGITIVE DUST EMISSIONS

This Rule prohibits the handling, transportation, or open storage of materials, or the conduct of other activities in such a manner that allows or may allow unnecessary amounts of particulate matter to become airborne except under the following circumstances:

(a) Reasonable precautions shall be taken to prevent particulate matter from becoming airborne, including, but not limited to, the following provisions:
   (1) Covering open bodied trucks when used for transporting materials likely to give rise to airborne dust.
   (2) Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials.
   (3) The screening of all open-outdoor sandblasting and similar operations.
   (4) The use of water or chemicals for the control of dust during the demolition of existing buildings or structures.

(b) The following airborne dust control measures shall be required during all construction operations, the grading of roads, or the clearing of land
   (1) All visibly dry disturbed soil road surfaces shall be watered to minimize fugitive dust emissions.
   (2) All unpaved surfaces, unless otherwise treated with suitable chemicals or oils, shall have a posted speed limit of 10 miles per hour.
   (3) Earth or other material that has been transported by trucking or earth moving equipment, erosion by water, or other means onto paved streets shall be promptly removed.
   (4) Asphalt, oil, water or suitable chemicals shall be applied on materials stockpiles, and other surfaces that can give rise to airborne dusts.
   (5) All earthmoving activities shall cease when sustained winds exceed 15 miles per hour.
   (6) The operator shall take reasonable precautions to prevent the entry of unauthorized vehicles onto the site during non-work hours.
   (7) The operator shall keep a daily log of activities to control fugitive dust.

(c) During recreational activities adequate dust control shall be maintained to prevent dust from migrating off the property where the activity is occurring.

APPENDIX B

EMSL Analytical, Inc
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Attn: **Ian Stevenson**
Geocon Consultants
3160 Gold Valley Drive
Suite 800
Rancho Cordova, CA 95742

Fax: (916) 852-9132 Phone: (916) 852-9118
Project: **S9300-06-93/03A1368**
Mendocino NOA/ADL

Customer ID: GECN80
Customer PO: S9300-06-93
Received: 09/21/09 10:00 AM
EMSL Order: 090907697

EMSL Proj: S9300-06-**
Analysis Date: 10/1/2009

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
162M17-0.75 *090907697-0001*	PM 10.86 0725 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M22-0.75 *090907697-0002*	PM 15.5 0900 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M29-0.75 *090907697-0003*	PM 17.5 0930 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M27-0.75 *090907697-0004*	PM 20.55 1040 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M32-0.75 *090907697-0005*	PM 25.59 1220 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
162M33 *090907697-0006*	PM 25.59 1225 9/15/09	Brown Non-Fibrous Homogeneous		84.00% Non-fibrous (other)	**16.00% Chrysotile**
162M34-0.75 *090907697-0007*	PM 26.5 1235 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M35-0.75 *090907697-0008*	PM 27.5 1245 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
162M36-0.75 *090907697-0009*	PM 28.32 1300 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**

Analyst(s)
Grant Mays (18)
Jorge Leon (12)

Baojia Ke, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro 2235 Polvorosa Ave , Suite 230, San Leandro CA

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Attn: **Ian Stevenson**
Geocon Consultants
3160 Gold Valley Drive
Suite 800
Rancho Cordova, CA 95742

Fax: (916) 852-9132 Phone: (916) 852-9118
Project: **S9300-06-93/03A1368**
Mendocino NOA/ADL

Customer ID: GECN80
Customer PO: S9300-06-93
Received: 09/21/09 10:00 AM
EMSL Order: 090907697

EMSL Proj: S9300-06-**
Analysis Date: 10/1/2009

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
162M37-0.75 *090907697-0010*	PM 29.49 1355 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M38-0.75 *090907697-0011*	PM 36.49 1410 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
162M39-0.75 *090907697-0012*	PM 31.5 1425 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M40-0.75 *090907697-0013*	PM 32.5 1440 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M41-0.75 *090907697-0014*	PM 33.5 1505 9/15/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M51-0.75 *090907697-0015*	PM 25.00 0825 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M52-0.75 *090907697-0016*	PM 24.07 0840 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M53-0.75 *090907697-0017*	PM 23.04 0855 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M54-0.75 *090907697-0018*	PM 22.0 0905 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)
Grant Mays (18)
Jorge Leon (12)

Baojia Ke, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro 2235 Polvorosa Ave , Suite 230, San Leandro CA

EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: milpitaslabx@emsl.com

Attn: **Ian Stevenson**
Geocon Consultants
3160 Gold Valley Drive
Suite 800
Rancho Cordova, CA 95742

Fax: (916) 852-9132 Phone: (916) 852-9118
Project: **S9300-06-93/03A1368**
Mendocino NOA/ADL

Customer ID: GECN80
Customer PO: S9300-06-93
Received: 09/21/09 10:00 AM
EMSL Order: 090907697

EMSL Proj: S9300-06-**
Analysis Date: 10/1/2009

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
162M55-0.75 *090907697-0019*	PM 21.0 0920 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M56-0.75 *090907697-0020*	PM 19.93 0935 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M57-0.75 *090907697-0021*	PM 18.94 0950 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M58-0.75 *090907697-0022*	PM 17.96 1010 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M59-0.75 *090907697-0023*	PM 16.79 1035 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M60-0.75 *090907697-0024*	PM 1610 1055 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M61-0.75 *090907697-0025*	PM 15.00 1110 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M62-0.75 *090907697-0026*	PM 13.98 1135 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M63-0.75 *090907697-0027*	PM 12.99 1200 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)
Grant Mays (18)
Jorge Leon (12)

Baojia Ke, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro 2235 Polvorosa Ave , Suite 230, San Leandro CA

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Phone: (510) 895-3675 Fax: (510) 895-3680 Email: milpitaslab@emsl.com

Attn: **Ian Stevenson**
Geocon Consultants
3160 Gold Valley Drive
Suite 800
Rancho Cordova, CA 95742

Fax: (916) 852-9132 Phone: (916) 852-9118

Project: **S9300-06-93/03A1368**
Mendocino NOA/ADL

Customer ID:	GECN80
Customer PO:	S9300-06-93
Received:	09/21/09 10:00 AM
EMSL Order:	090907697
EMSL Proj:	S9300-06-**
Analysis Date:	10/1/2009

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
162M64-0.75 *090907697-0028*	PM 11.98 1220 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**<0.25% Chrysotile**
162M65-0.75 *090907697-0029*	PM 11.00 1240 9/16/09	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
162M28-0.75 *090907697-0030*	1055 9/15 TO 93 NOA	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Grant Mays (18)
Jorge Leon (12)

Baojia Ke, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro 2235 Polvorosa Ave , Suite 230, San Leandro CA

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EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: milpitaslab@emsl.com

Attn: **Ian Stevenson**
Geocon Consultants
3160 Gold Valley Drive
Suite 800
Rancho Cordova, CA 95742

Fax: (916) 852-9132 Phone: (916) 852-9118
Project: **Mendocino ADL/NOA, S9300-06-93**

Customer ID: GECN80
Customer PO: S9300-06-93
Received: 09/14/09 9:30 AM
EMSL Order: 090907483

EMSL Proj: S9300-06-**
Analysis Date: 9/22/2009

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
175M2-0.75 *090907483-0001*	PM1.0 1320 9/8	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M3-0.75 *090907483-0002*	PM2.0 1335 9/8	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M5-0.75 *090907483-0003*	PM3.97 1405 9/8	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M7-0.75 *090907483-0004*	PM5.90 1430 9/8	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M10-0.75 *090907483-0005*	PM9.0 1510 9/8	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M11 *090907483-0006*	PM9.84 1535 9/8	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M12-0.75 *090907483-0007*	PM9.40 1595 9/8	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M17-0.75 *090907483-0008*	PM4.46 0835 9/9	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
175M19-0.75 *090907483-0009*	PM2.36 0900 9/9	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)
Nonette Patron (9)

Baojia Ke, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro 2235 Polvorosa Ave , Suite 230, San Leandro CA

EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: milpitaslabx@emsl.com

Attn: **Ian Stevenson**
Geocon Consultants
3160 Gold Valley Drive
Suite 800
Rancho Cordova, CA 95742

Fax: (916) 852-9132 Phone: (916) 852-9118
Project: **Mendocino ADL/NOA, S9300-06-93**

Customer ID:	GECN80
Customer PO:	S9300-06-93
Received:	09/14/09 9:30 AM
EMSL Order:	090907483
EMSL Proj:	S9300-06-**
Analysis Date:	9/22/2009

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type

Analyst(s)
Nonette Patron (9)

Baojia Ke, Laboratory Manager
or other approved signatory

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90907483

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Asbestos Lab Services

EMSL Analytical, Inc.
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San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Company:	Geocon Consultants, Inc.	*Bill To:*	Geocon Consultants, Inc.
Address1:	3160 Gold Valley Drive #800	*Address1:*	3160 Gold Valley Drive #800
Address2:		*Address2:*	
City, State:	Rancho Cordova, CA	*City, State:*	Rancho Cordova, CA
Zip/Post Code:	95742	*Zip/Post Code:*	95742
Country:		*Country:*	
Contact Name:	Ian Stevenson	*Attn:*	Ian Stevenson
Phone:	916-852-9118	*Phone:*	916-852-9118
Fax:	916-852-9132	*Fax:*	916-852-9132
Email:	stevenson@geoconinc.com	*Email:*	stevenson@geoconinc.com
EMSL Rep:		*P.O. Number:*	
Project Name/Number:	Mendocino ADL/MOA S9300-06-93		

MATRIX			TURNAROUND			
☐ Air	☐ Soil	☐ Micro-Vac	☐ 3 Hours	☐ 6 Hours		☐ 24 Hours (1 day)
☐ Bulk	☐ Drinking Water		☐ 48 Hours (2 days)	☐ 72 Hours (3 days)	☐ 96 Hours (4 days)	☐ 120 Hours (5 days)
☐ Wipe	☐ Wastewater		☒ 144+ hours (6-10 days)			

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

Received at EMSL Analytical, Inc.
San Leandro, CA (888) 455-3675
By EMSL
Date 9/14/09 @ 9:30 am/pm
UPS

PCM - Air
- ☐ NIOSH 7400(A) Issue 2: August 1994
- ☐ OSHA w/TWA
- ☐ Other:

PLM - Bulk
- ☐ EPA 600/R-93/116
- ☐ EPA Point Count
- ☐ NY Stratified Point Count
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ NIOSH 9002:
- ☐ EMSL Standard Addition:

SEM Air or Bulk
- ☐ Qualitative
- ☐ Quantitative

TEM Air
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402
- ☐ EPA Level II

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP - 1988-02
- ☐ TEM NOB (Gravimetric) NYS 198.4
- ☐ EMSL Standard Addition:

PLM Soil
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2

TEM Microvac/Wipe
- ☐ ASTM D 5755-95 (quantative method)
- ☐ Wipe Qualitative

XRD
- ☐ Asbestos
- ☐ Silica NIOSH 7500

OTHER
- ☒ CARB 435, Level A

090907483

Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.
Suite 230
2235 Polvorosa Ave
San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: 9

Relinquished: [illegible] Date: 9/10 Time: 1830

Received: GSD Date: 9/11 Time: 1630

Relinquished: _____ Date: _____ Time: _____

Received: [illegible] Date: 9/14/09 Time: 0930 UPS

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
175M2-0.75	PM1.0 1320/9/8	
175M3-0.75	PM2.0 1335 9/8	
175M5-0.75	PM3.97 1405 9/8	
175M7-0.75	PM5.90 1430 9/8	
175M10-0.75	PM9.0 1510 9/8	
175M11	PM 9.84 1535 9/8	
175M12-0.75	PM9.40 1815 9/8	
175M17-0.75	PM7.46 0835 9/9	
175M19-0.75	PM ~~3.46~~ 2.36 0900 9/9	

Level 4

Edwards, Michelle

From: Edwards, Michelle
Sent: Monday, September 14, 2009 3:08 PM
To: 'stevenson@geoconinc.com'
Cc: Kocher, Daniel; Lanzing, Terri; EMSL Lab - San Leandro
Subject: EMSL09 /EMSL Analytical, Inc./ 090907483 S9300-06-93

Hello Ian, I am sending you this e-mail because the samples you submitted for CARB Level A for Mendocino ADL/NOA sampled 9/8/2009 and 9/9/2009 have two additional samples that are not listed on the COC - 1. 175M3-0.0 to 93 1330 9/8, 2. 175M20-0.75 0915 9/9 do you want us to analyze them. Please contact us at your earliest convenience so we may proceed.

Thank You.
Michelle Edwards
Client Services Representative

(888) 455-3675

EMSL Analytical, Inc.
(888) 455-3675

EMSL San Leandro
2235 Polvorosa Drive, Ste 230
San Leandro, CA 94577

EMSL Sacramento
4640 Northgate Blvd, Ste 160
Sacramento, CA 95834

Access your reports and invoices 24-hours a day on LABConnect: https://extranet.emsl.com/

Julio
(916) 508 - 1988

697 ~~698~~ 090907704

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CA 94577
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Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Company:	Geocon Consultants, Inc.	*Bill To:*	Geocon Consultants, Inc.
Address1:	3160 Gold Valley Drive #800	*Address1:*	3160 Gold Valley Drive #800
Address2:		*Address2:*	
City, State:	Rancho Cordova, CA	*City, State:*	Rancho Cordova, CA
Zip/Post Code:	95742	*Zip/Post Code:*	95742
Country:		*Country:*	
Contact Name:	Ian Stevenson	*Attn:*	Ian Stevenson
Phone:	916-852-9118	*Phone:*	916-852-9118
Fax:	916-852-9132	*Fax:*	916-852-9132
Email:	stevenson@geoconinc.com	*Email:*	stevenson@geoconinc.com
EMSL Rep:		*P.O. Number:*	
Project Name/Number:	Mandarino NOA/ADL		

MATRIX			TURNAROUND			
☐ Air	☐ Soil	☐ Micro-Vac	☐ 3 Hours	☐ 6 Hours		☐ 24 Hours (1 day)
☐ Bulk	☐ Drinking Water		☐ 48 Hours (2 days)	☐ 72 Hours (3 days)	☐ 96 Hours (4 days)	☐ 120 Hours (5 days)
☐ Wipe	☐ Wastewater		☒ 144+ hours (6-10 days)			

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

PCM - Air
- ☐ NIOSH 7400(A) Issue 2: August 1994
- ☐ OSHA w/TWA
- ☐ Other:

PLM - Bulk
- ☐ EPA 600/R-93/116
- ☐ EPA Point Count
- ☐ NY Stratified Point Count
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ NIOSH 9002:
- ☐ EMSL Standard Addition:

SEM Air or Bulk
- ☐ Qualitative
- ☐ Quantitative

TEM Air
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402
- ☐ EPA Level II

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP - 1988-02
- ☐ TEM NOB (Gravimetric) NYS 198.4
- ☐ EMSL Standard Addition:

PLM Soil
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2

TEM Microvac/Wipe
- ☐ ASTM D 5755-95 (quantative method)
- ☐ Wipe Qualitative

XRD
- ☐ Asbestos
- ☐ Silica NIOSH 7500

OTHER
- ☒ CARB 435 Level A

Received at EMSL Analytical, Inc.
San Leandro, CA (888) 455-3675
By EMSL
Date 9/1/09 @ 10:00 am pm

courier

090907697

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http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: 29

Relinquished: [illegible] Date: 9/17/09 Time: 1800

Received: George Stoney Date: 9/17/09 Time:

Relinquished: Date: Time:

Received: M Lanzing Date: 9/21/09 Time: 1000 courier

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION			VOLUME (if applicable)
162M17-0.75	PM 10.86	0725	9/15/09	
162M22-0.75	PM 15.5	0800	9/15/09	
162M24-0.75	PM 17.5	0830	9/15/09	
162M27-0.75	PM 20.55	1040	9/15/09	
162M32-0.75	PM 25.59	1220	9/15/09	
162M33	PM 25.59	1225	9/15/09	
162M34-0.75	PM 26.5	1235	9/15/09	
162M35-0.75	PM 27.5	1245	9/15/09	
162M36-0.75	PM 28.32	1300	9/15/09	
162M37-0.75	PM 29.49	1355	9/15/09	
162M38-0.75	PM 30.49	1410	9/15/09	
162M39-0.75	PM 31.5	1425	9/15/09	
162M40-0.75	PM 32.5	1440	9/15/09	
162M41-0.75	PM 33.5	1500	9/15/09	

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Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: _____

Relinquished: _____ Date: _____ Time: _____

Received: A Lemming Date: 9/21/09 Time: 1000 courier

Relinquished: _____ Date: _____ Time: _____

Received: _____ Date: _____ Time: _____

	SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION			VOLUME (if applicable)
✓	162M51-0.75	PM 25.00	0825	9/16	
✓	162M52-0.75	PM 24.07	0840	9/16	
✓	162M53-0.75	PM 23.04	0855	9/16	
✓	162M54-0.75	PM 22.0	0905	9/16	
✓	162M55-0.75	PM 21.0	0920	9/16	
✓	162M56-0.75	PM 19.93	0935	9/16	
✓	162M57-0.75	PM 18.94	0950	9/16	
✓	162M58-0.75	PM 17.96	1010	9/16	
✓	162M59-0.75	PM 16.79	1025	9/16	
✓	162M60-0.75	PM 16.10	1055	9/16	
✓	162M61-0.75	PM 15.00	1110	9/16	
✓	162M62-0.75	PM 13.98	1135	9/16	
✓	162M63-0.75	PM 12.99	1200	9/16	
✓	162M64-0.75	PM 11.98	1220	9/16	

697
~~698~~
090907704 2

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Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s)_____ - _____ Total Samples #:_____

Relinquished:_____ Date:_____ Time:_____

Received: Alunzing Date: 9/11/09 Time: 1000 Courier

Relinquished:_____ Date:_____ Time:_____

Received:_____ Date:_____ Time:_____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
162M65-0,75	PM 11.00 1240 9/16	

Lanzing, Terri

From: Rebecca Silva [silva@geoconinc.com]
Sent: Tuesday, September 22, 2009 10:16 AM
To: Lanzing, Terri
Cc: stevenson@geoconinc.com; Kocher, Daniel; EMSL Lab - San Leandro
Subject: FW: (GECN80) Geocon Consultants Samples submitted for Lake/Mendocino ADL/NOA "29... series" & "162..." series
Importance: High

Hi Terri -

The project/contract info for the 12 samples is S9300-06-94/03A1368

Not sure about the missing sample.

The project/contract number for the 29 samples is S9300-06-93/03A1368

Please analyze 162M28-0.75 1055 9/15 TO 93 NOA for CARB 435 Level A like the others.

Please contact me with questions while Ian is in the field.

Thanks,
Rebecca Silva
916-852-9118

From: Lanzing, Terri [mailto:tlanzing@EMSL.com]
Sent: Monday, September 21, 2009 2:59 PM
To: stevenson@geoconinc.com
Cc: Kocher, Daniel; EMSL Lab - San Leandro
Subject: (GECN80) Geocon Consultants Samples submitted for Lake/Mendocino ADL/NOA "29... series" & "162..." series
Importance: High

Ian -

I am logging in the two sets of samples for this project and have found two discrepancies:

98

EMSL Order 090907697 -12 samples - Lake/Mendocino ADL/NOA

There is no 29L27-0.75 (sample location PM47.88 1430 9/17)

EMSL Order 090907698 - 29 samples - Mendocino NOA/ADL

91

There was one extra sample submitted not on the COC. The reference on the sample bag is 162M28-0.75 1055 9/15 TO 93 NOA

Finally, neither COC has a purchase order number or other project project reference that matches the special contracts pricing for Geocon. Please let me know if these are under a separate contract or pricing agreement.

Thanks!

Terri A. Lanzing
Client Services Manager
EMSL Analytical, Inc. [San Leandro]
2235 Polvorosa Drive, Suite 230
San Leandro, CA 94577
(888) 455-3675 * (510) 895-3675
Fax (510) 895-3680
www.emsl.com

EMSL Sacramento
4640 Northgate Blvd
Suite 160
Sacramento, CA 95834
(916) 921-8251

EMSL San Leandro is open 7-days a week, from 7:00 am to 10:00 pm. We have neither sample minimums nor lab opening fees for any samples submitted and analyzed during those hours.

EMSL Analytical, Inc. is a full service, multi-accredited analytical laboratory with over 30 locations across the country. We have been offering asbestos, lead, microbiology, chemistry, industrial hygiene, and material science testing to clients throughout the United States since 1981. We have worked with the US EPA, multiple school districts, and private companies on all sizes of jobs.

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Chain of Custody

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San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Company:	Geocon Consultants Inc.	*Bill To:*	Geocon Consultants Inc.
Address1:	3160 Gold Valley Drive	*Address1:*	3160 Gold Valley Drive
Address2:	Suite 800	*Address2:*	Suite 800
City, State:	Rancho Cordova, CA	*City, State:*	Rancho Cordova, CA
Zip/Post Code:	95742	*Zip/Post Code:*	95742
Country:		*Country:*	
Contact Name:	Ian Stevenson	*Attn:*	Ian Stevenson
Phone:	916-852-9118	*Phone:*	916-852-9118
Fax:	916-852-9132	*Fax:*	916-852-9132
Email:	stevenson@geoconinc.com	*Email:*	stevenson@geoconinc.com
EMSL Rep:		*P.O. Number:*	
Project Name/Number:	Mendocino NWR / 59300-06-93		

MATRIX			TURNAROUND			
☐ Air	☐ Soil	☐ Micro-Vac	☐ 3 Hours	☐ 6 Hours	☐ Same Day or 12 Hours*	☐ 24 Hours (1 day)
☐ Bulk	☐ Drinking Water		☐ 48 Hours (2 days)	☐ 72 Hours (3 days)	☐ 96 Hours (4 days)	☐ 120 Hours (5 days)
☐ Wipe	☐ Wastewater		☒ 144+ hours (6-10 days)			

TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.

*12 hours (must arrive by 11:00a.m. Mon -Fri.), Please Refer to Price Quote

PCM - Air
- ☐ NIOSH 7400(A) Issue 2: August 1994
- ☐ OSHA w/TWA
- ☐ Other:

PLM - Bulk
- ☐ EPA 600/R-93/116
- ☐ EPA Point Count
- ☐ NY Stratified Point Count
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ NIOSH 9002:
- ☐ EMSL Standard Addition:

SEM Air or Bulk
- ☐ Qualitative
- ☐ Quantitative

TEM Air
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402
- ☐ EPA Level II

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP - 1988-02
- ☐ TEM NOB (Gravimetric) NYS 198.4
- ☐ EMSL Standard Addition:

PLM Soil
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2

TEM Microvac/Wipe
- ☐ ASTM D 5755-95 (quantative method)
- ☐ Wipe Qualitative

XRD
- ☐ Asbestos
- ☐ Silica NIOSH 7500

OTHER
- ☒ CARB 435 Level A

Received at EMSL Analytical, Inc.
San Leandro, CA (888) 455-3675
By [illegible]
Date 7/30/08 [illegible]

090907944

Chain of Custody

Asbestos Lab Services

EMSL Analytical, Inc.
Suite 230
2235 Polvorosa Ave
San Leandro,
CA 94577
Phone: (510) 895-3675 (888) 455-3675
Fax: (510) 895-3680
http://www.emsl.com

Please print all information legibly.

Client Sample # (s) _____ - _____ Total Samples #: 2

Relinquished: [illegible] Date: 9/24/09 Time: 1830

Received: Geocon-Storage Date: 9/24/09 Time: 1830

Relinquished: D Lawrence Date: 9/28/09 Time: 1000 [illegible]

Received: _____ Date: _____ Time: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
271M1-0.75	PM 0.5 0940 9/21	
271M16-~~0.75~~	PM 0.44 1400 9/21	