

21430

PART 2

OF 2

PROPERTY AND ASSESSMENT REPORT

1990 WORK PROGRAM

on the

WINDY PROPERTY

NTS 93-J-131/

Lat. 54° 57' Long. 123° 50'

Volume II of II

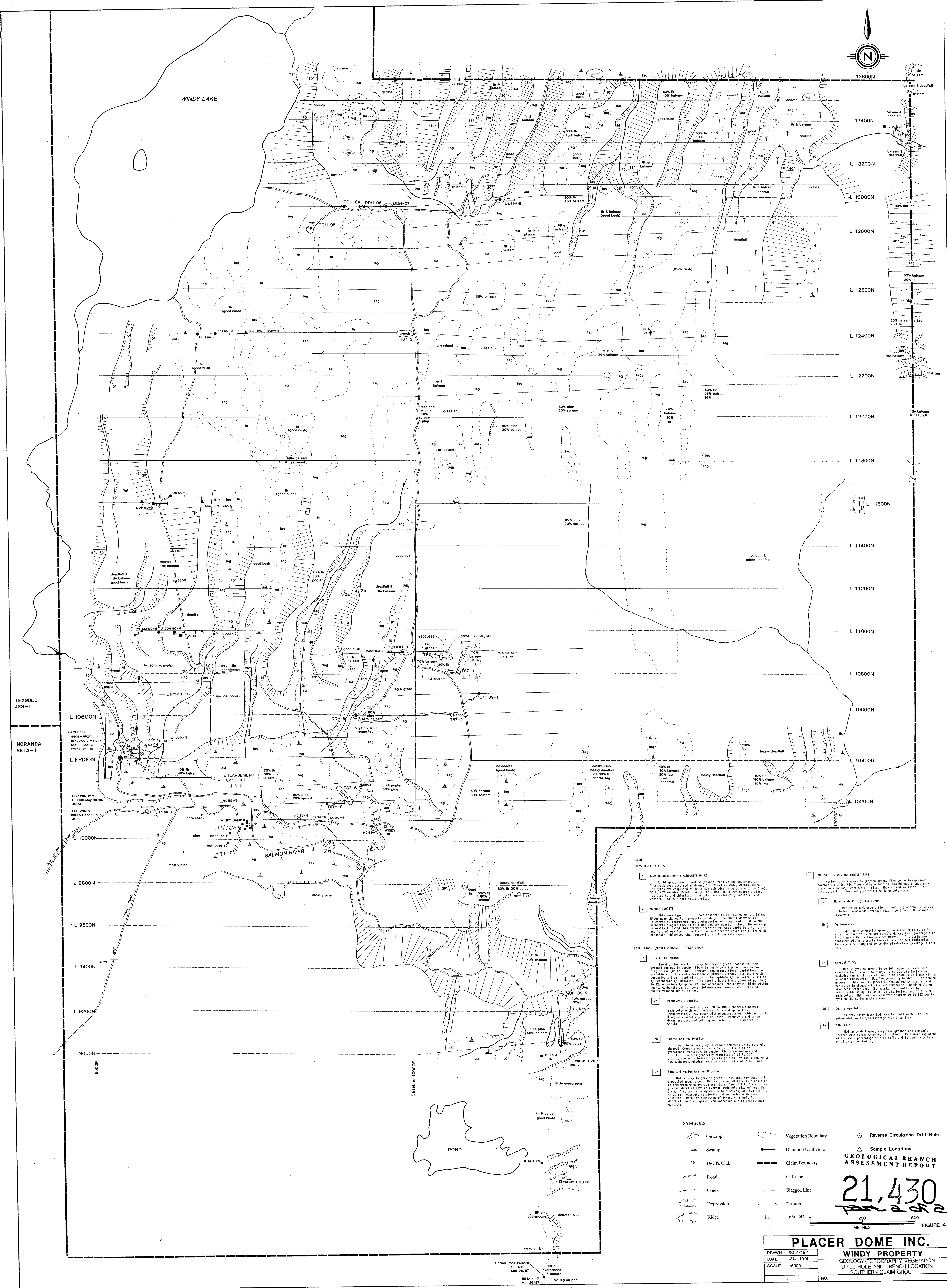
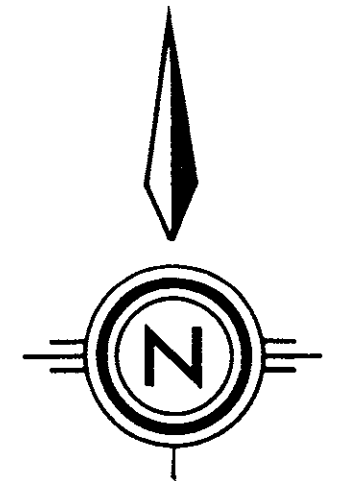
by

Marc Deschenes

May 1991

Oxford
E19-4P

Made in Canada / Fabriqué au Canada



TEXGOLD
JGS-1

NORANDA
BETA-1

SAMPLES:
6809-6820
157790 (1-8)
15291-15356
1979-1986

LCP WINDY 2
#30860 May 30/85
41 SE

LCP WINDY 1
#30864 Apr 20/85
45 SE

ENLARGEMENT
PLAN, SEE
FIG. 5

WINDY CAMP #1
WINDY CAMP #2

core shaft

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

mostly pine

- LEGEND
- JURASSIC/CRETACEOUS
- 1 COMMODORITE/ANDRITZ MARONITE DIKES
This rock type occurred as dykes, 1 to 2 metres wide, within DIO-2. The dykes are composed of 40 to 50% subhedral plagioclase (1 to 2 mm), 20 to 40% andesine or feldspar (to 2 mm), 15 to 20% quartz grains (to 0.5 mm) and chlorite. The dykes are relatively unaltered and contain 1 to 2% disseminated pyrite.
- 2 GIMLET DIORITE
This rock type was observed as an outcrop on the Salmon River near the eastern property boundary. The quartz content is low, and the diorite is primarily composed of 60 to 70% subhedral plagioclase (to 2 mm), 10 to 20% quartz grains (to 0.5 mm), 10 to 20% andesine or feldspar (to 2 mm), 10 to 20% chlorite and chlorite. The dykes are relatively unaltered and contain 1 to 2% disseminated pyrite.
- LATE TRIASSIC/EARLY JURASSIC: EMMA GROUP
- 1 DIORITE INTRODUCTION:
The diorites are light grey to greyish green, coarse to fine grained and are porphyritic with hornblende and/or plagioclase (up to 3 mm). Textural and compositional variations are gradational. Observed alteration is primarily propylitic, chlorite, sericite and vein controlled chlorite, epidote, sericite, talc and quartz. The diorites are relatively unaltered and contain 1 to 2% disseminated pyrite.
- 2a Porphyritic Diorite
Light to medium grey, 30 to 60% subhedral/subangular amphibole with average size of 0.5 mm and up to 4.0 mm (porphyritic). May occur with phenocrysts of feldspar (up to 2 mm) and quartz crystals or talus. Porphyritic diorite dykes are observed cutting volcanics (1 to 10 metres in width).
- 2b Coarse Grained Diorite
Light to medium grey in colour and massive to strongly sheared. Commonly occurs as a large wall and is in gradational contact with porphyritic or medium grained diorite. Unit is generally composed of 60 to 70% plagioclase as subhedral crystals (1 to 3 mm) or talus and 20 to 25% subhedral/subangular amphibole (up to 2 to 3 mm).
- 2c Fine and Medium Grained Diorite
Medium grey to greyish green. This unit may occur with a mottled appearance. Medium grained diorite is classified as occurring with average amphibole size of 0.5 to 1.0 mm. Fine grained diorites have an average amphibole size of 0.2 to 0.5 mm. Also occurs as dikes (0.5 to 1.0 metres wide) and as an outcrop. Diorite and talus are in contact with the recognition of dikes, this unit is difficult to distinguish from volcanics due to gradational contacts.
- 3 AMESITE FLOWS AND PHOENIXITES
Medium to dark green, fine to medium grained, porphyritic and/or phacoplastic. Hornblende phenocrysts are common and may reach 6 mm in size. Chlorite and talc are alteration is predominantly chloritic with epidote common.
- 3a Hornblende Porphyritic Flows
Medium to dark green, fine to medium grained, 10 to 20% subhedral hornblende (average size 1 to 2 mm). Occasional feldspars.
- 3b Amphibolites
Light grey to greyish green, beds are 50 to 60 cm in size composed of 25 to 30% hornblende crystals (average size 1 to 4 mm) within a fine grained matrix. The beds are contained within a crystalline matrix 40 to 50% amphibole (average size 1 mm) and 50 to 60% plagioclase (average size 1 mm).
- 3c Crystal Tuffs
Medium grey to green, 10 to 20% subhedral amphibole crystals (avg. size 1 to 2 mm), 10 to 20% plagioclase (subhedral/subangular crystals and talus (avg. size 1 mm) within an aphanitic matrix. Massive to poorly bedded. The bedded nature of this unit is generally recognized by grading and variation in phenocryst size and abundance. Bedding planes have been recognized. The matrix, as described by petrographic study, is 40 to 70% plagioclase and 30 to 40% amphibole. This unit was observed bearing 10 to 15% quartz speck on the northern claim group.
- 3d Quartz-eye Tuffs
As previously described, crystal tuff with 5 to 10% subhedral quartz core (average size 3 to 4 mm).
- 3e Ash Tuffs
Medium to dark grey, very fine grained and commonly sheared with strong chlorite alteration. This unit may occur with a small percentage of fine mafic and feldspar crystals or display good bedding.

- SYMBOLS
- Outcrop
- Swamp
- Devil's Club
- Road
- Creek
- Depression
- Ridge
- Vegetation Boundary
- Diamond Drill Hole
- Claim Boundary
- Cut Line
- Flagged Line
- Trench
- Test pit
- Reverse Circulation Drill Hole
- Sample Locations

21,430
2012

FIGURE 4

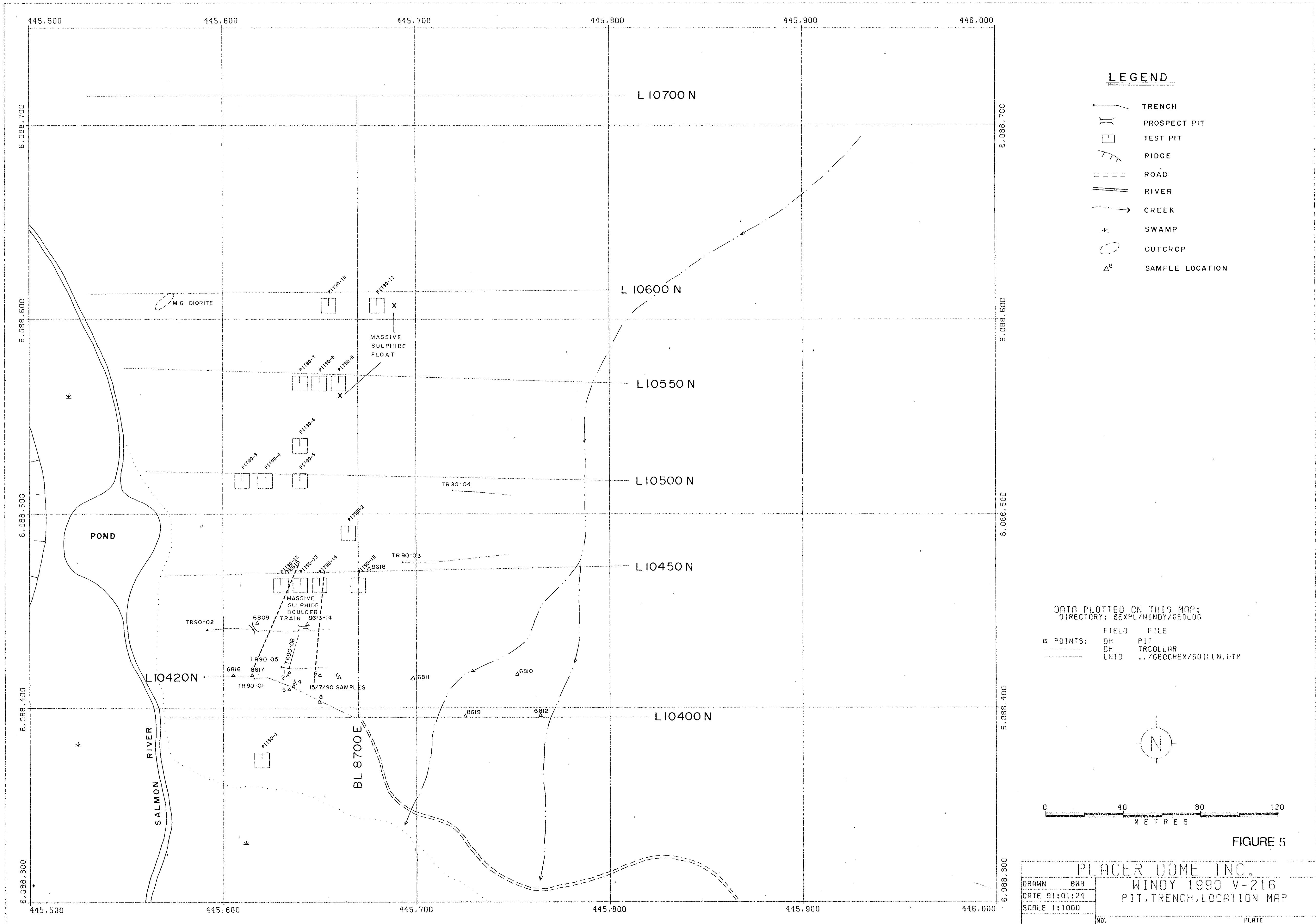
PLACER DOME INC.
WINDY PROPERTY
GEOLOGICAL BRANCH
DRILL HOLE AND TRENCH LOCATION
SOUTHERN CLAIM GROUP

DRAWN - SG / GAD
DATE - JAN. 1991
SCALE - 1:5000

Corner Post #43276
BETA 3 SE
Mar 20/87
BETA 4 IN
Mar 22/87
No tag on post

21,430

PLATE 2 OF 2



PLOT RUN BY: BMB 91:01:23 LOCATION.RUN

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,430

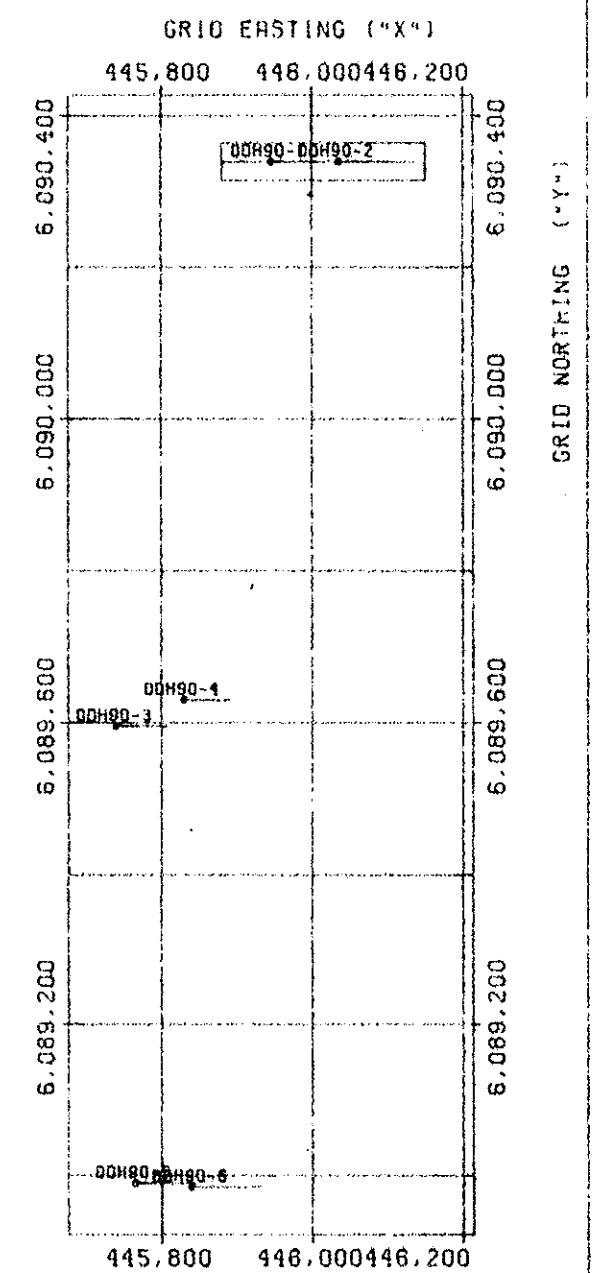
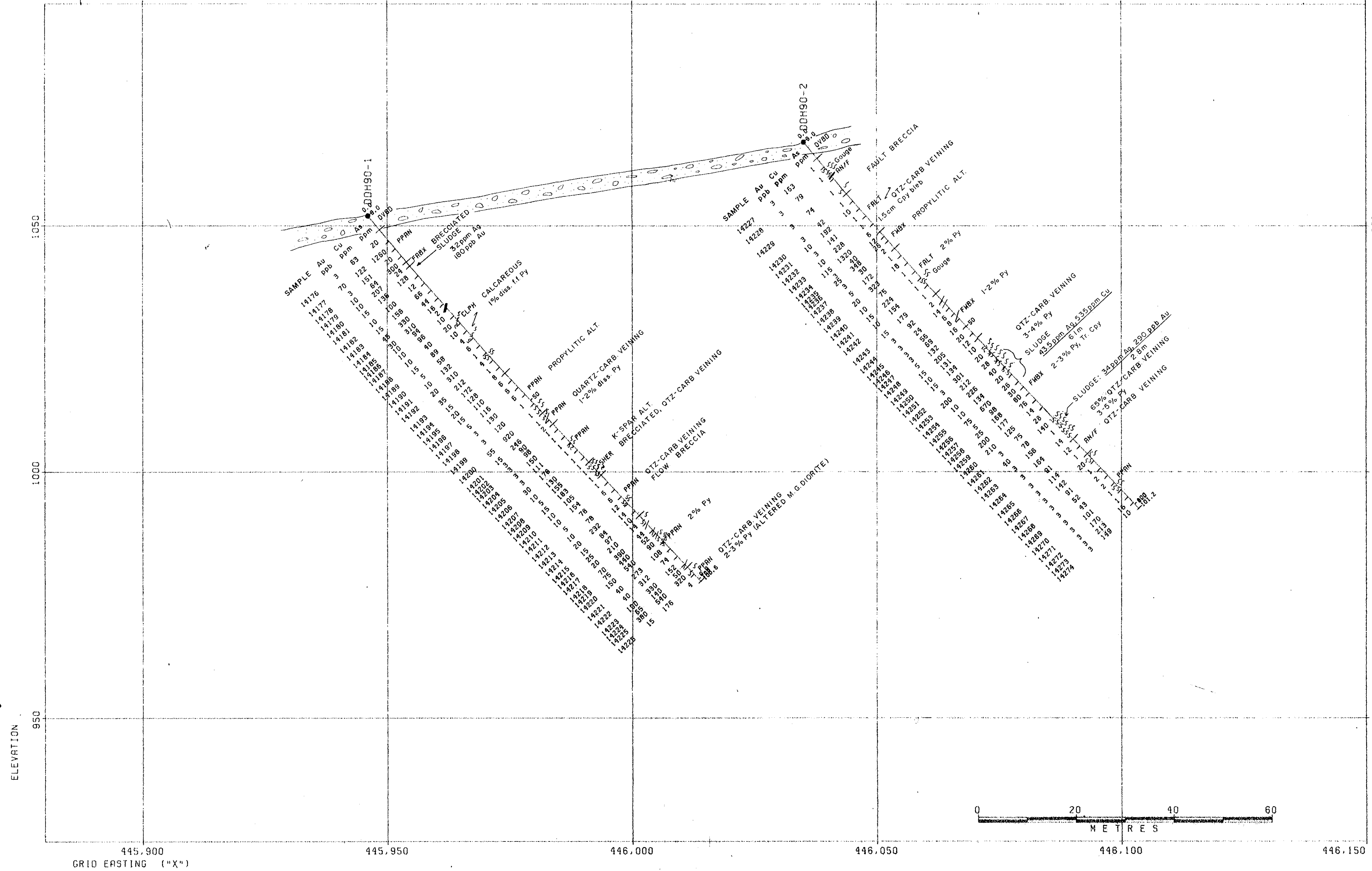
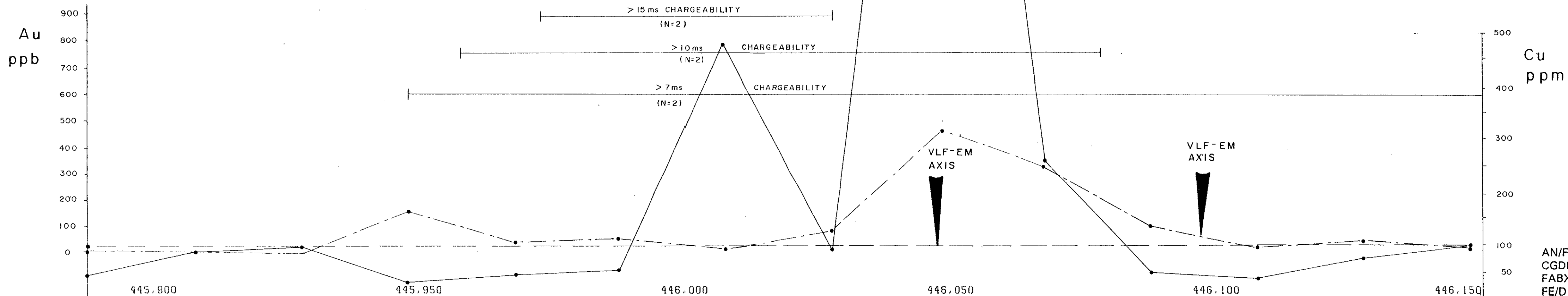
2092

LEGEND

- OVERBURDEN
- QUARTZ-CARBONATE VEINS
- SHEAR OR FAULT ZONE
- FOLIATION
- GEOLOGICAL CONTACT (ASSUMED)
- SOIL GEOCHEM
Au ppb
- Cu ppm
- THRESHOLD

LITHOLOGY

- AN/F : Andesitic Flows
- CGDR : Coarse - Grained Diorite
- FABX : Fault Breccia
- FE/D : Felsic Dyke
- FWBX : Flow Breccia
- OVBD : Overburden
- PPDR : Porphyritic Diorite
- SHER : Shear
- BRXX : Breccia
- CLPH : Chloritic Phyllite
- FALT : Fault
- FGDR : Fine-Grained Diorite
- MGDR : Medium-Grained Diorite
- PPAN : Porphyritic Andesite
- OZDR : Quartz Diorite



0 200 400 600 800
METRES

LOCATION OF THIS CROSS-SECTION

| | | | |
|----------------|----------------|------|----|
| XL | YL | XR | YR |
| 445880.6090339 | 446150.6090339 | | |
| WIDTH | ZT | ZB | |
| 50. | 1070. | 950. | |

LOOKING N

DIRECTORY: 8EXPL/WINDY/GEOLOG
DATA FILE: 8EXPL/WINDY/GEOLOG/DHLIST

POSTED DATA
ASSAYS DH ROCK TYPE
SAMPLE PGI

FIGURE 6

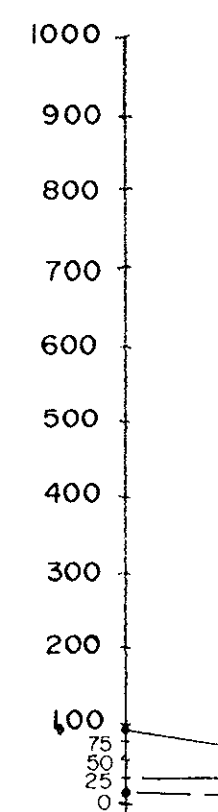
| | | | |
|---------------|--|-----------------------|--|
| DRAWN BMB | | PLACER DOME INC. | |
| DATE 91:01:25 | | WINDY V-216 1990 | |
| SCALE 1:500 | | CROSS-SECTION 12400 N | |
| NO. | | PLATE | |

PLOT RUN BY: BMB 91:01:24 12400.RUN

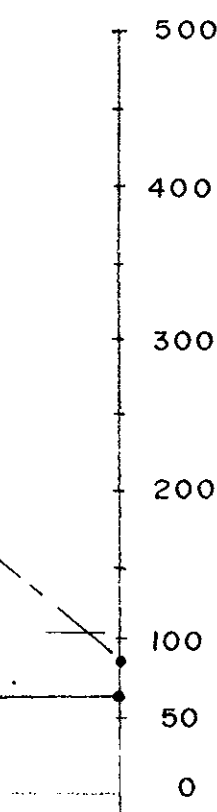
21,430

DATA 2092

Au ppb



Cu ppm

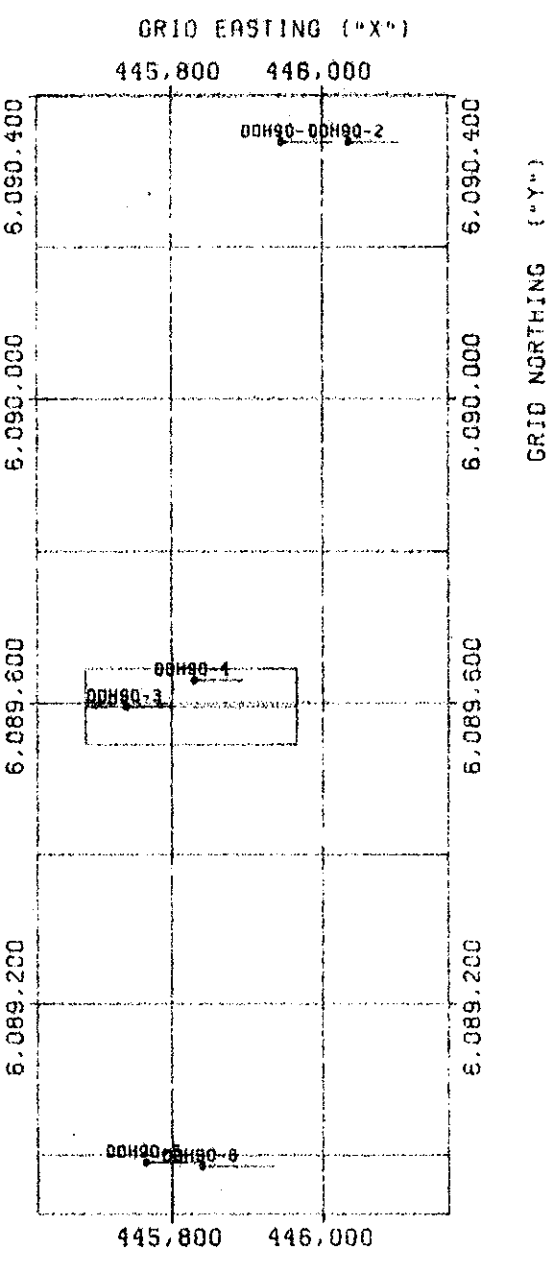
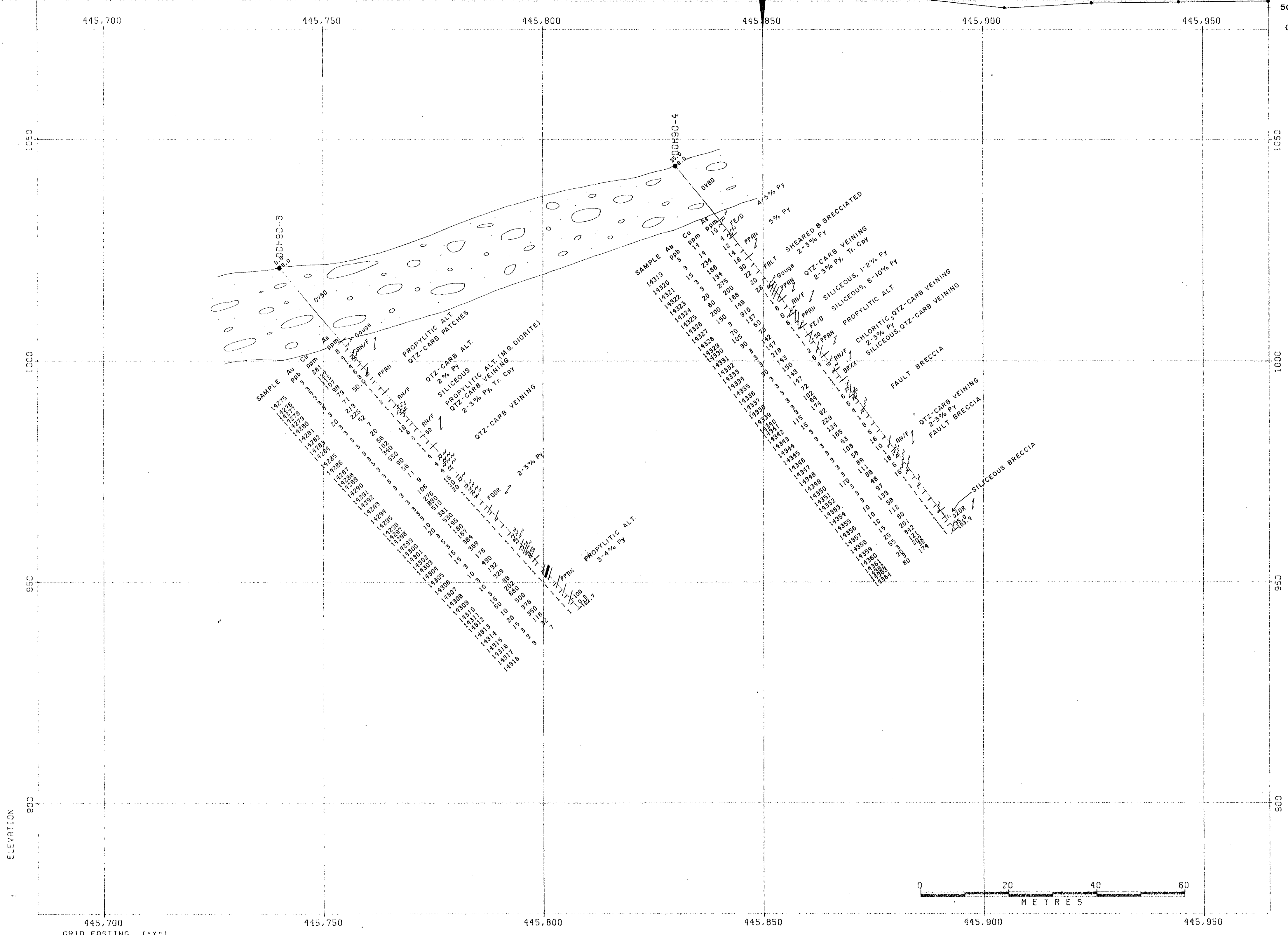


LEGEND

- OVERBURDEN
- QUARTZ-CARBONATE VEINS
- SHEAR OR FAULT ZONE
- FOLIATION
- GEOLOGICAL CONTACT (ASSUMED)
- SOIL GEOCHEM
Au ppb
- Cu ppm
- THRESHOLD

LITHOLOGY

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- FALT : Fault
- FGDR : Fine-Grained Diorite
- MGDR : Medium-Grained Diorite
- PPAN : Porphyritic Andesite
- OZDR : Quartz Diorite



LOCATION OF THIS CROSS-SECTION

| | | | |
|----------------|----------------|------|----|
| XL | YL | XR | YR |
| 445685.6089595 | 445965.6089595 | | |
| WIDTH | ZT | ZB | |
| 100. | 1050. | 900. | |

LOOKING N

DIRECTORY: SEXPL/WINDY/GEOLOG
DATA FILE: SEXPL/WINDY/GEOLG/DHLIST

POSTED DATA
ASSAYS OH ROCK TYPE
SAMPLE PCI
RU
CU
AS

FIGURE 7

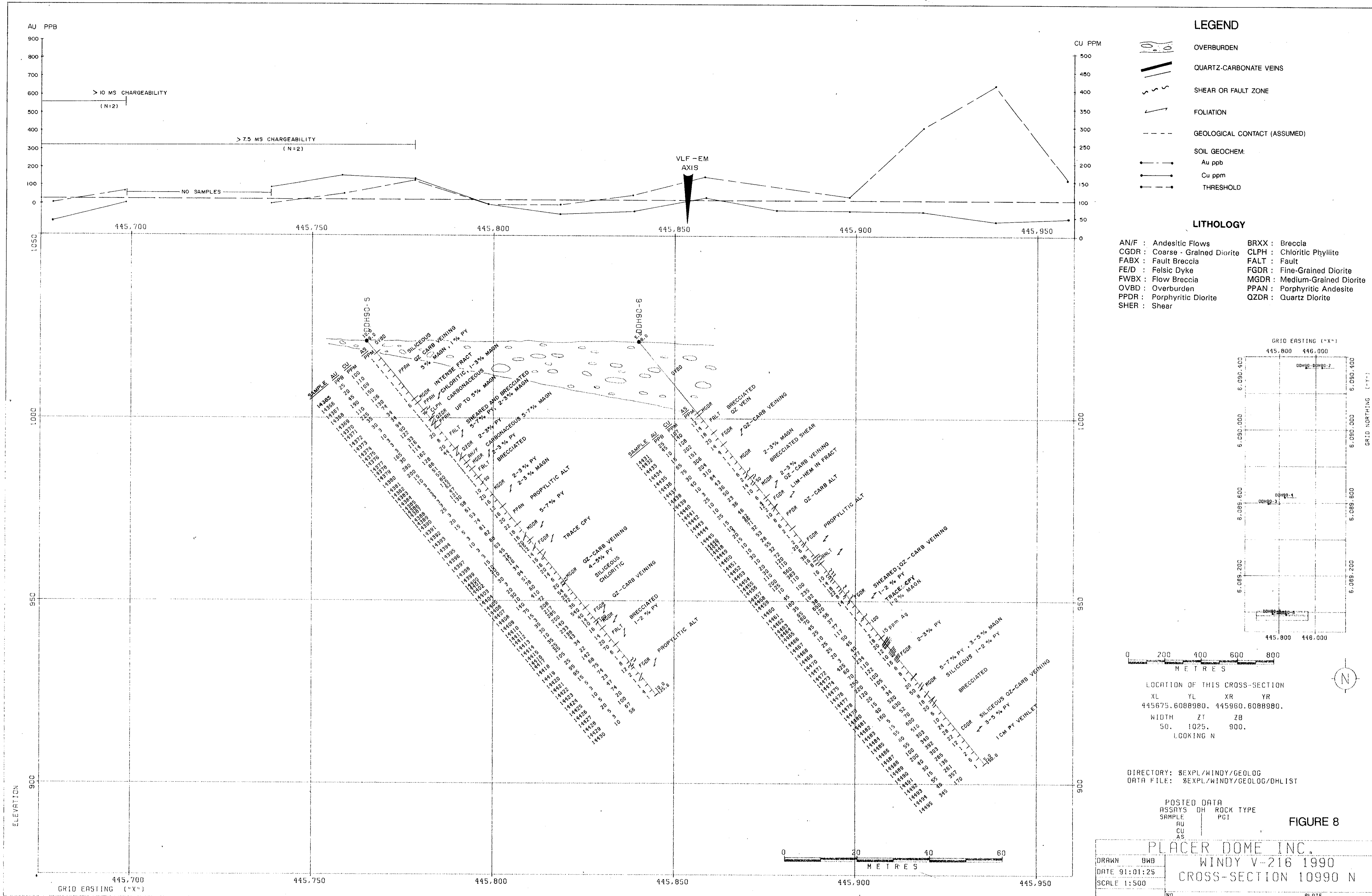
PLACER DOME INC.
WINDY V-216 1990
CROSS-SECTION 11600 N

DRAWN BWD
DATE 91:01:25
SCALE 1:500

NO. PLATE



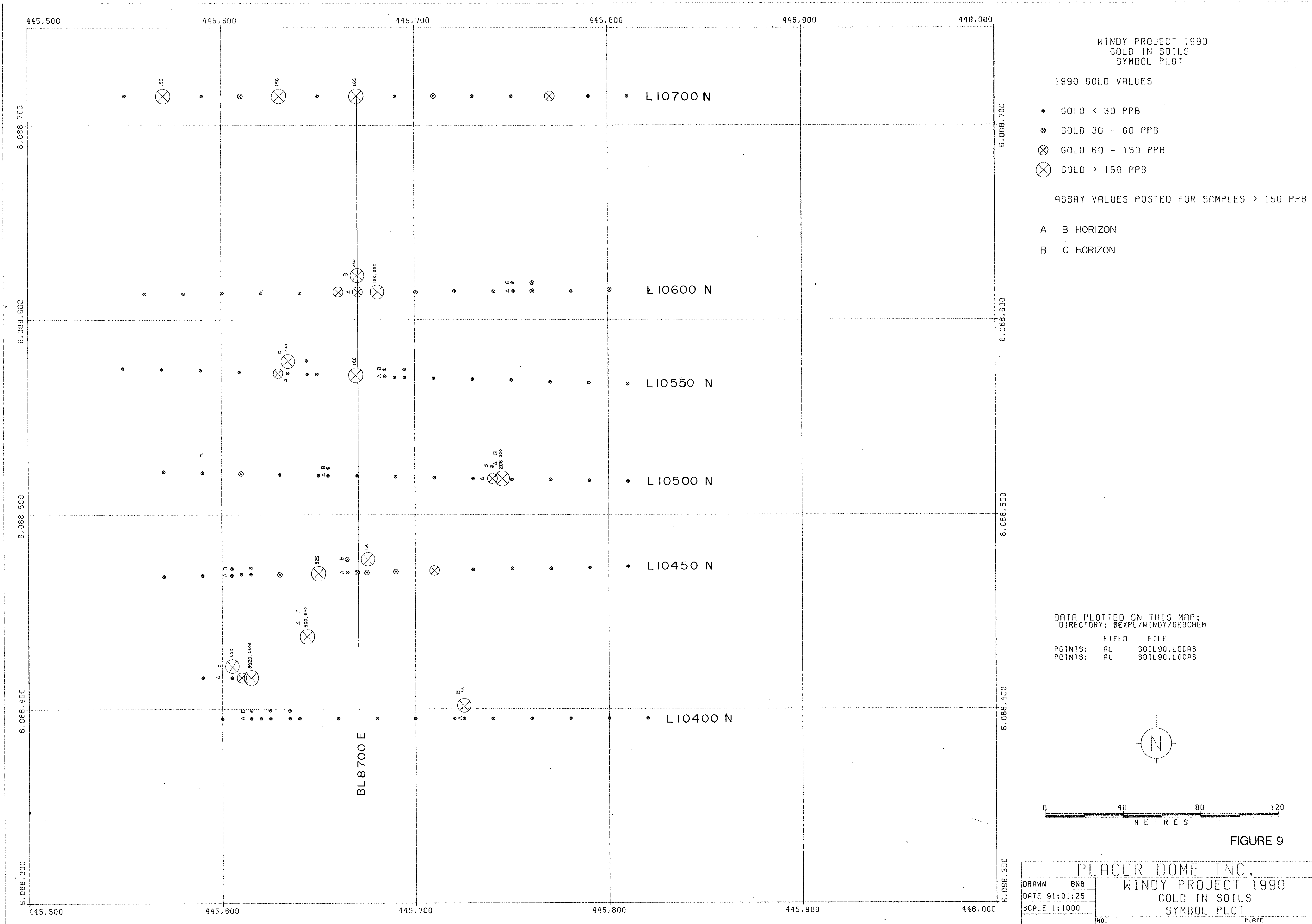
21,430
APR 2012



PLCT RUN BY: BMB 91:01:25 10990.RUN

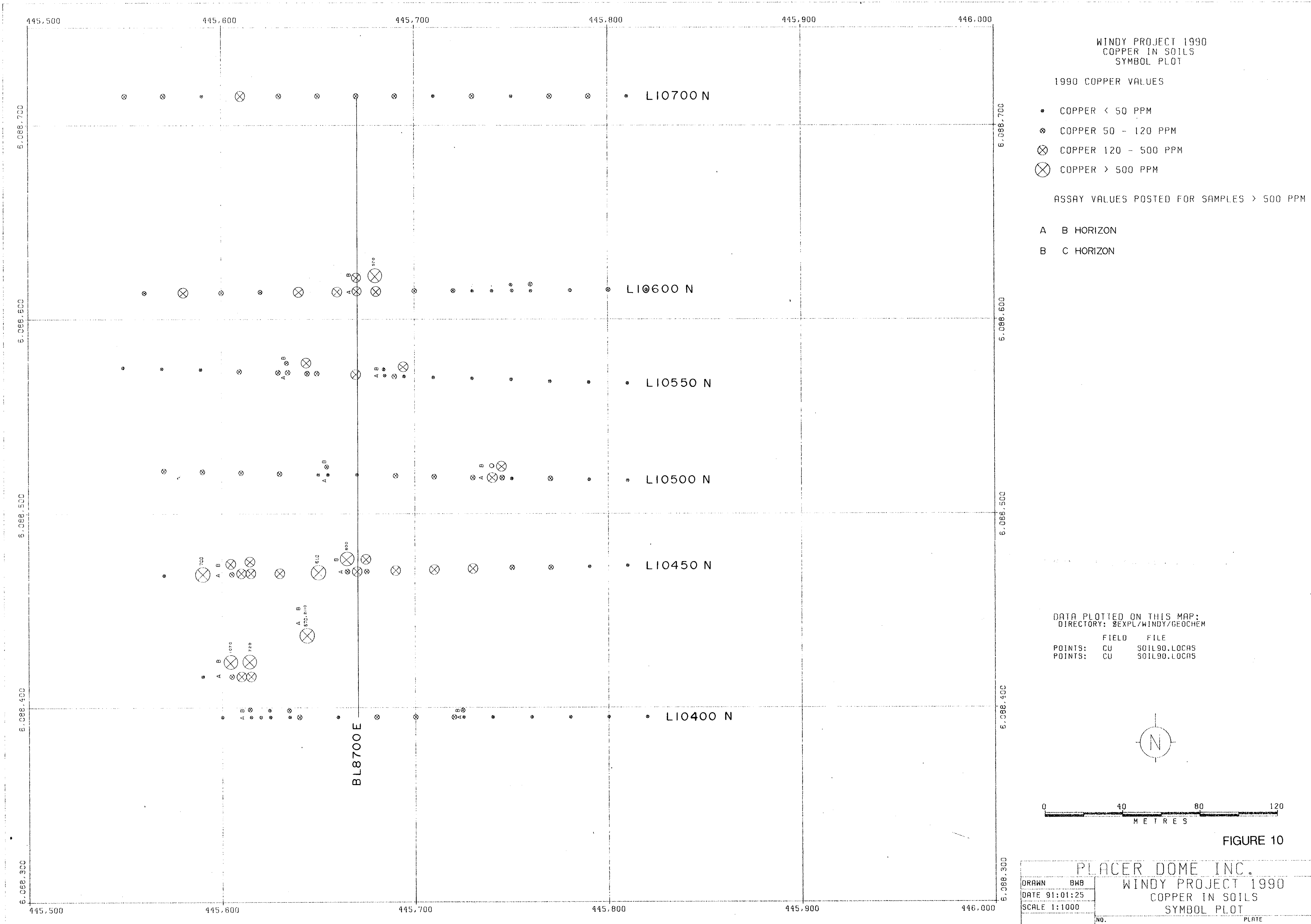
5701 80M B1: BMB 91:01:25 10990.GRM

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FMT 2092



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FEB 2 1992



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APR 2 1992

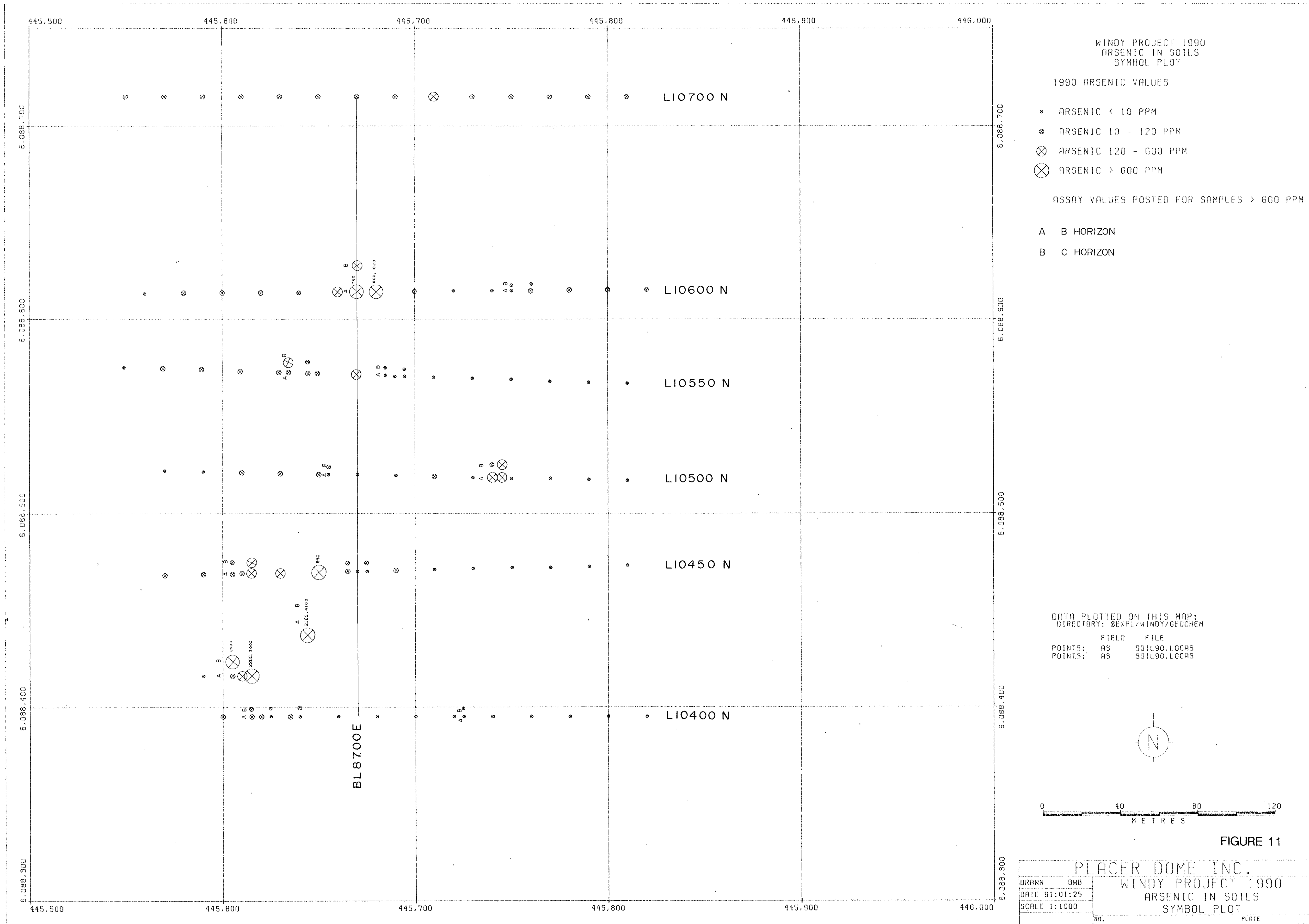
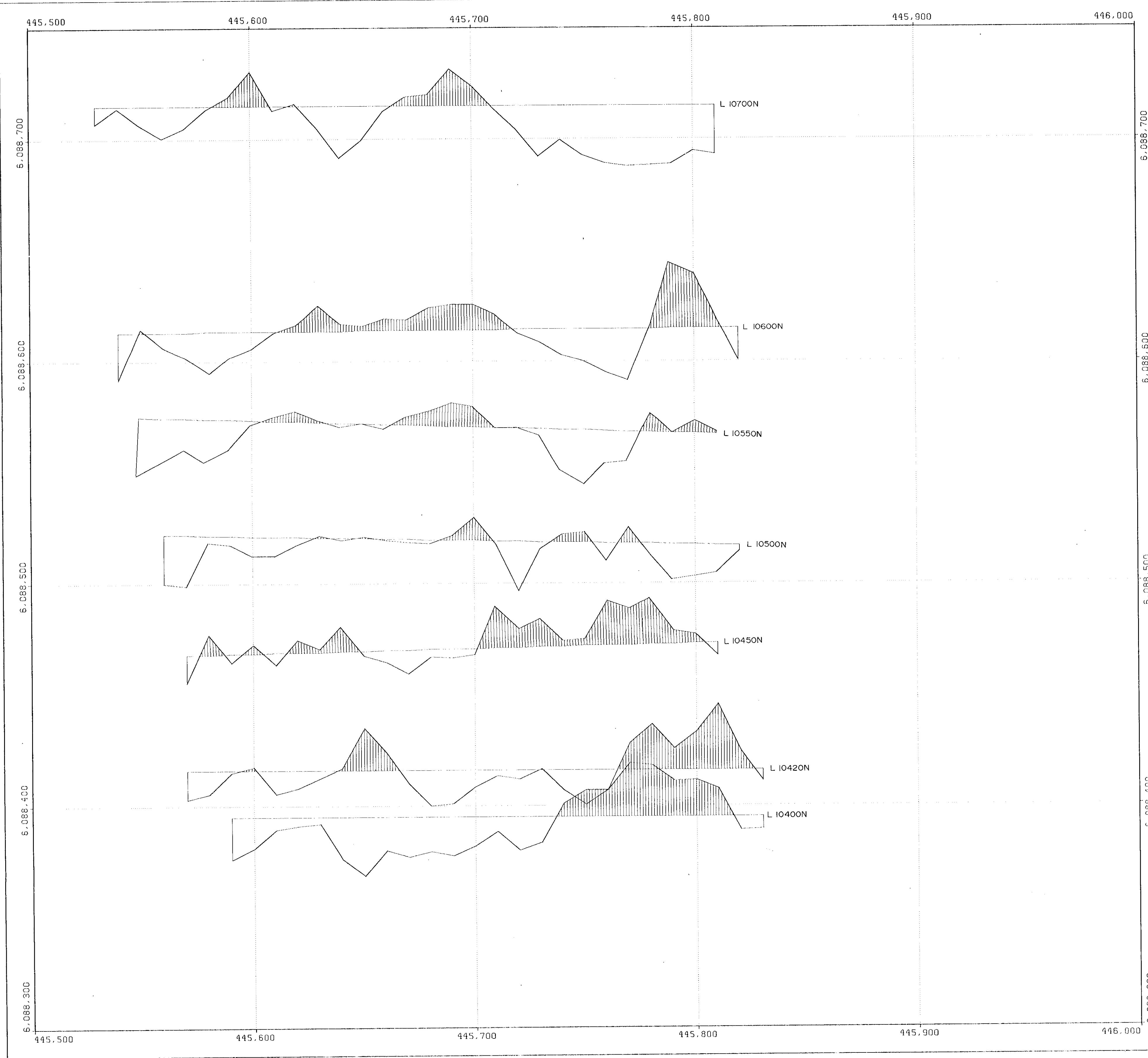


FIGURE 11



WINDY PROPERTY 1990 SURVEY
 STACKED MAGNETIC PROFILES
 UNITS = NANOTESLAS

DATA PLOTTED ON THIS MAP:
 DIRECTORY: 8EXPL/WINDY/GP
 FIELD FILE
 MAG WIND90.MAGS
 SCALE: 100 UNITS / CM
 BASE LEVEL: 58400

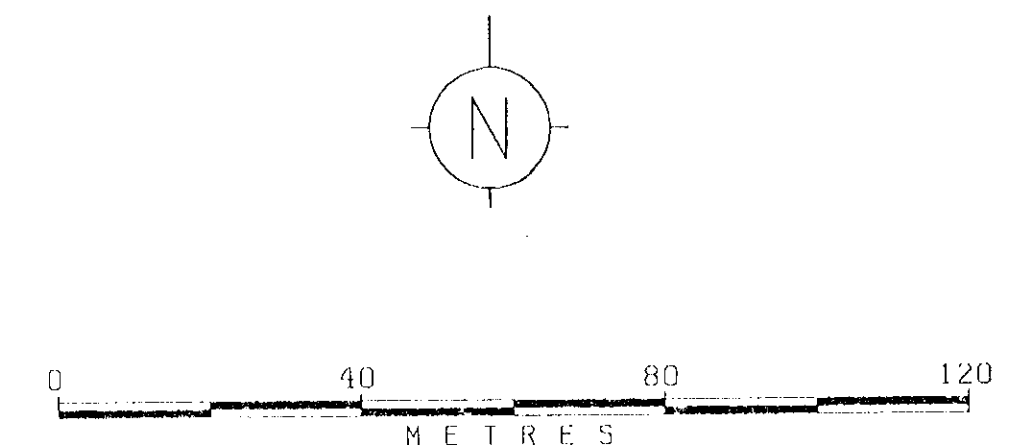


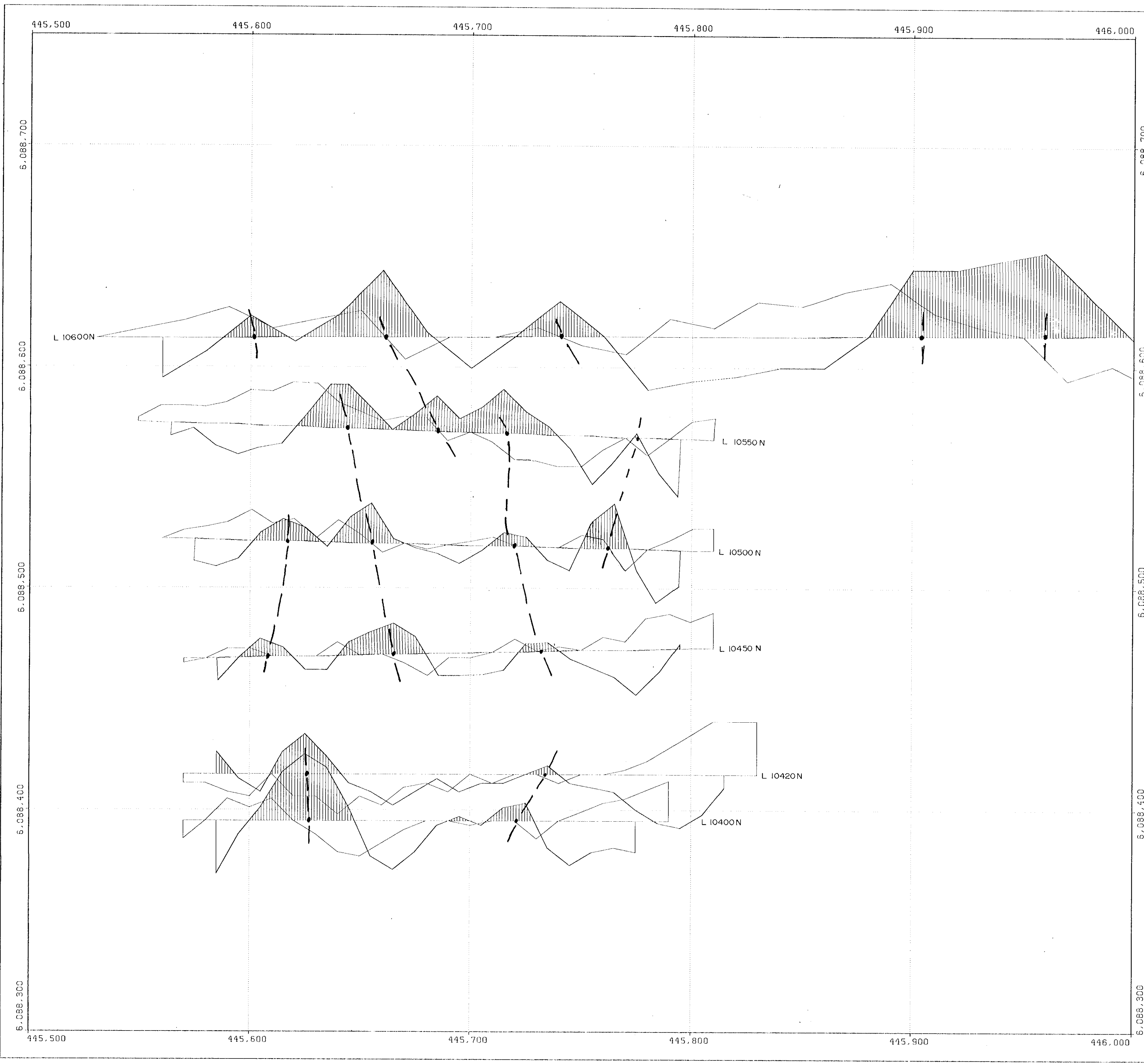
FIGURE 12

| | | | |
|---------------|--|----------------------------|--|
| DRAWN RHC | | PLACER DOME INC. | |
| DATE 91:01:23 | | WINDY PROPERTY 1990 SURVEY | |
| SCALE 1:1000 | | STACKED MAGNETIC PROFILES | |
| NO. | | PLATE | |

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

21,430

PAGE 2 OF 2



WINDY PROPERTY 1990 SURVEY
 STACKED VLF PROFILES
 MEDIUM LINE = IN-PHASE
 DARK LINE = FRASER FILTER

--- CONDUCTOR AXES

DATA PLOTTED ON THIS MAP:
 DIRECTORY: 8EXPL/WINDY/GP
 FIELD FILE
 IP WIND90.IPS
 SCALE: 5.0 UNITS / CM
 BASE LEVEL: 0.0
 IP WIND90.IPS
 SCALE: 5.0 UNITS / CM
 BASE LEVEL: 0.0
 FRASER FILTER APPLIED

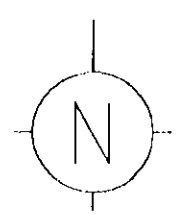


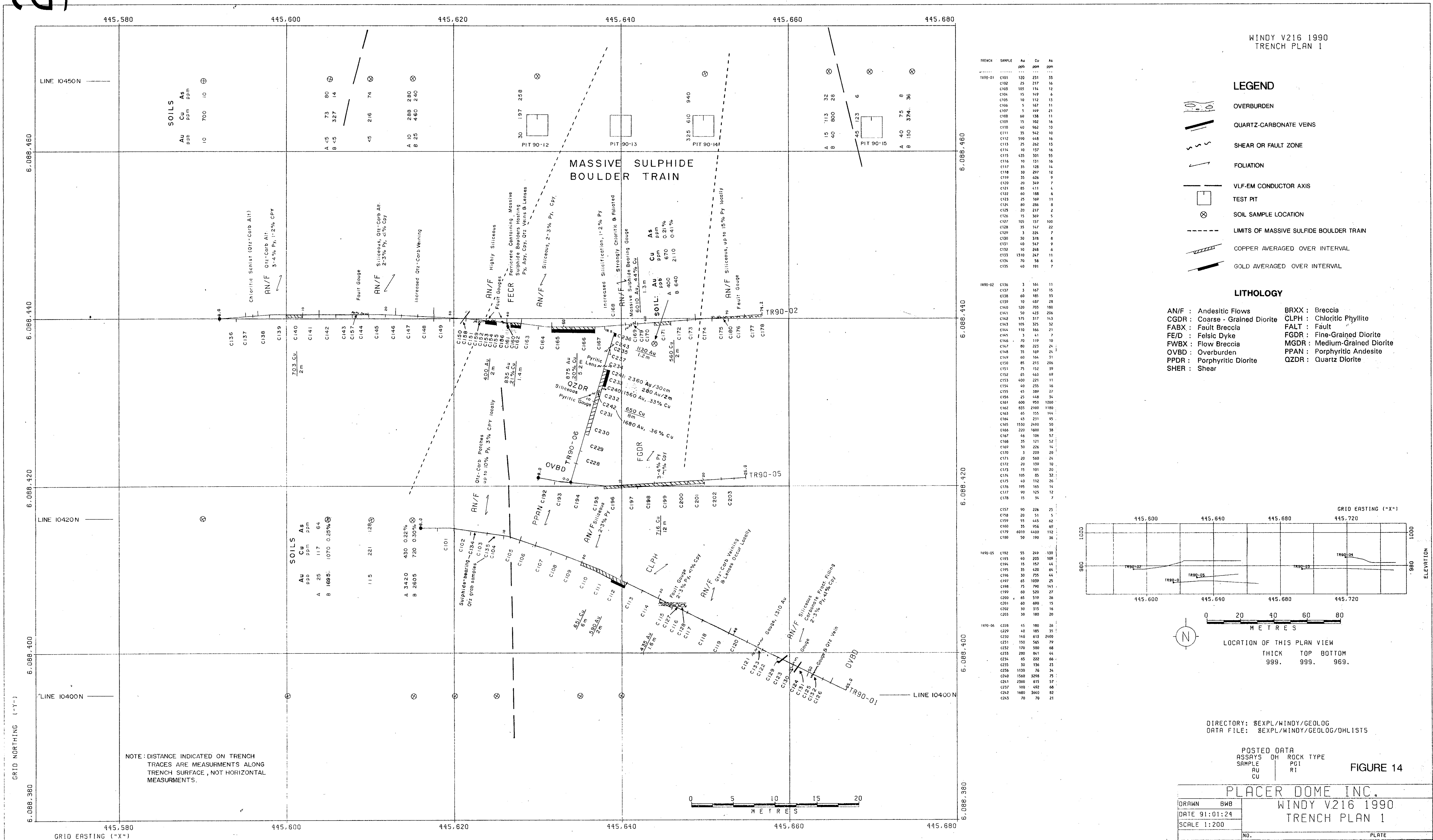
FIGURE 13

| | | | |
|---------------|--|----------------------------|--|
| DRAWN RWC | | PLACER DOME INC. | |
| DATE 91:01:23 | | WINDY PROPERTY 1990 SURVEY | |
| SCALE 1:1000 | | STACKED VLF PROFILES | |
| NO. | | PLATE | |

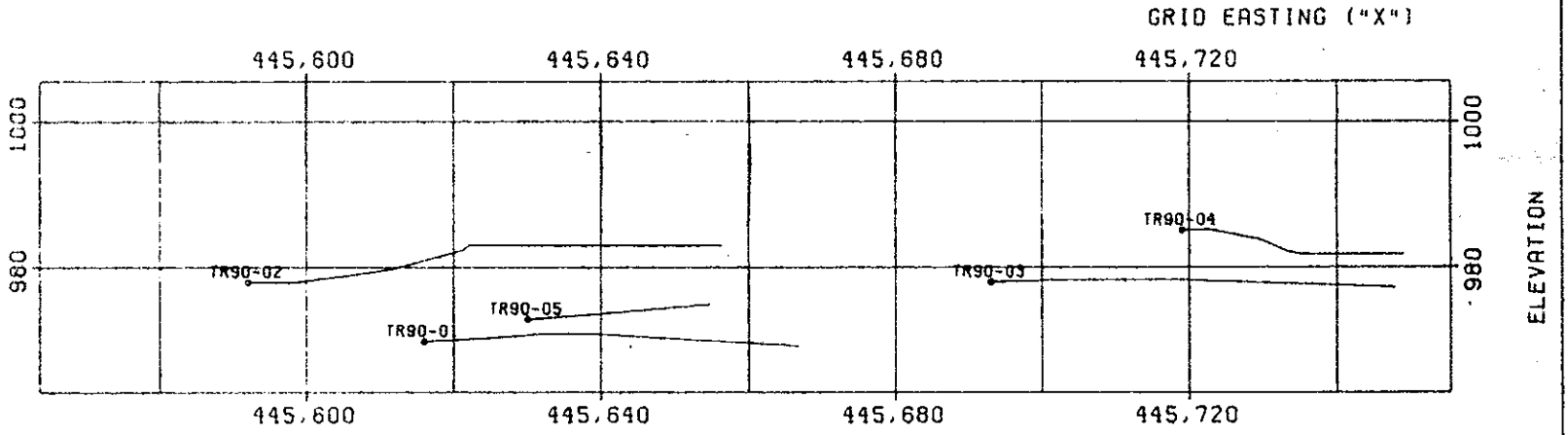
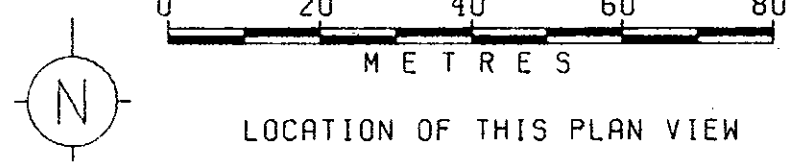
GEOLOGICAL BRANCH
 ASSESSMENT REPORT

21,430
 PAGE 2 OF 2

21,430
R2
128



NOTE: DISTANCE INDICATED ON TRENCH TRACES ARE MEASUREMENTS ALONG TRENCH SURFACE, NOT HORIZONTAL MEASUREMENTS.



WINDY V216 1990
TRENCH PLAN 1

LEGEND

- OVERBURDEN
- QUARTZ-CARBONATE VEINS
- SHEAR OR FAULT ZONE
- FOLIATION
- VLF-EM CONDUCTOR AXIS
- TEST PIT
- SOIL SAMPLE LOCATION
- LIMITS OF MASSIVE SULFIDE BOULDER TRAIN
- COPPER AVERAGED OVER INTERVAL
- GOLD AVERAGED OVER INTERVAL

LITHOLOGY

- AN/F : Andesitic Flows
- CGDR : Coarse-Grained Diorite
- FABX : Fault Breccia
- FE/D : Felsic Dyke
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- FGDR : Fine-Grained Diorite
- MGDR : Medium-Grained Diorite
- PPAN : Porphyritic Andesite
- QZDR : Quartz Diorite

| TRENCH | SAMPLE | Au ppm | Cu ppm | As ppm |
|---------|--------|--------|--------|--------|
| 1290-01 | C101 | 120 | 231 | 33 |
| | C102 | 25 | 217 | 16 |
| | C103 | 105 | 114 | 12 |
| | C104 | 15 | 119 | 6 |
| | C105 | 10 | 112 | 13 |
| | C106 | 5 | 167 | 11 |
| | C107 | 5 | 189 | 9 |
| | C108 | 60 | 138 | 11 |
| | C109 | 15 | 102 | 16 |
| | C110 | 60 | 162 | 10 |
| | C111 | 35 | 342 | 10 |
| | C112 | 599 | 448 | 16 |
| | C113 | 25 | 262 | 15 |
| | C114 | 10 | 137 | 16 |
| | C115 | 435 | 201 | 55 |
| | C116 | 10 | 131 | 16 |
| | C117 | 35 | 128 | 14 |
| | C118 | 30 | 297 | 12 |
| | C119 | 5 | 188 | 16 |
| | C120 | 20 | 349 | 7 |
| | C121 | 85 | 411 | 6 |
| | C122 | 60 | 188 | 16 |
| | C123 | 25 | 169 | 11 |
| | C124 | 80 | 286 | 8 |
| | C125 | 20 | 217 | 10 |
| | C126 | 15 | 169 | 10 |
| | C127 | 105 | 157 | 100 |
| | C128 | 35 | 174 | 22 |
| | C129 | 3 | 226 | 7 |
| | C130 | 50 | 378 | 8 |
| | C131 | 40 | 547 | 9 |
| | C132 | 10 | 448 | 6 |
| | C133 | 1150 | 247 | 11 |
| | C134 | 70 | 58 | 7 |
| | C135 | 40 | 191 | 7 |
| 1690-02 | C136 | 3 | 166 | 11 |
| | C137 | 1 | 187 | 15 |
| | C138 | 60 | 185 | 33 |
| | C139 | 10 | 487 | 28 |
| | C140 | 120 | 703 | 180 |
| | C141 | 120 | 425 | 206 |
| | C142 | 175 | 317 | 143 |
| | C143 | 105 | 325 | 32 |
| | C144 | 3 | 226 | 21 |
| | C145 | 3 | 41 | 7 |
| | C146 | 35 | 169 | 24 |
| | C147 | 60 | 119 | 10 |
| | C148 | 35 | 169 | 24 |
| | C149 | 60 | 196 | 31 |
| | C150 | 85 | 215 | 206 |
| | C151 | 75 | 152 | 39 |
| | C152 | 65 | 443 | 69 |
| | C153 | 60 | 225 | 11 |
| | C154 | 40 | 235 | 16 |
| | C155 | 45 | 389 | 27 |
| | C156 | 25 | 448 | 36 |
| | C157 | 800 | 950 | 1200 |
| | C158 | 835 | 2100 | 1180 |
| | C159 | 65 | 155 | 144 |
| | C160 | 45 | 231 | 95 |
| | C161 | 150 | 2400 | 30 |
| | C162 | 200 | 1600 | 38 |
| | C163 | 44 | 106 | 57 |
| | C164 | 35 | 121 | 52 |
| | C165 | 30 | 226 | 14 |
| | C166 | 3 | 101 | 20 |
| | C167 | 40 | 112 | 26 |
| | C168 | 195 | 165 | 14 |
| | C169 | 90 | 125 | 12 |
| | C170 | 15 | 54 | 7 |
| 1690-05 | C171 | 90 | 226 | 25 |
| | C172 | 20 | 51 | 5 |
| | C173 | 55 | 445 | 62 |
| | C174 | 35 | 976 | 69 |
| | C175 | 610 | 4400 | 112 |
| | C176 | 50 | 190 | 36 |
| 1690-06 | C177 | 55 | 249 | 139 |
| | C178 | 60 | 203 | 109 |
| | C179 | 15 | 187 | 14 |
| | C180 | 35 | 420 | 64 |
| | C181 | 15 | 187 | 14 |
| | C182 | 30 | 735 | 44 |
| | C183 | 65 | 1039 | 25 |
| | C184 | 75 | 790 | 141 |
| | C185 | 60 | 520 | 27 |
| | C186 | 65 | 319 | 36 |
| | C187 | 60 | 690 | 15 |
| | C188 | 30 | 315 | 18 |
| | C189 | 30 | 180 | 20 |
| | C190 | 45 | 180 | 26 |
| | C191 | 45 | 185 | 35 |
| | C192 | 110 | 613 | 2600 |
| | C193 | 150 | 585 | 79 |
| | C194 | 120 | 300 | 66 |
| | C195 | 280 | 841 | 44 |
| | C196 | 65 | 222 | 66 |
| | C197 | 30 | 136 | 23 |
| | C198 | 110 | 76 | 34 |
| | C199 | 1500 | 3298 | 75 |
| | C200 | 2860 | 615 | 57 |
| | C201 | 109 | 492 | 48 |
| | C202 | 1800 | 3640 | 82 |
| | C203 | 70 | 70 | 21 |

DIRECTORY: 8EXPL/WINDY/GEOLG
DATA FILE: 8EXPL/WINDY/GEOLG/DHLIST5

POSTED DATA
ASSAYS: OH ROCK TYPE
SAMPLE: AU PGI
 RU RT
 CU

FIGURE 14

| | | | |
|---------------|--|------------------|-------|
| DRAWN BMB | | PLACER DOME INC. | |
| DATE 91:01:24 | | WINDY V216 1990 | |
| SCALE 1:200 | | TRENCH PLAN 1 | |
| NO. | | | PLATE |

21,430

APR 2 1992

PLOT RUN BY: RBP 91:02:06 TP2.RUN

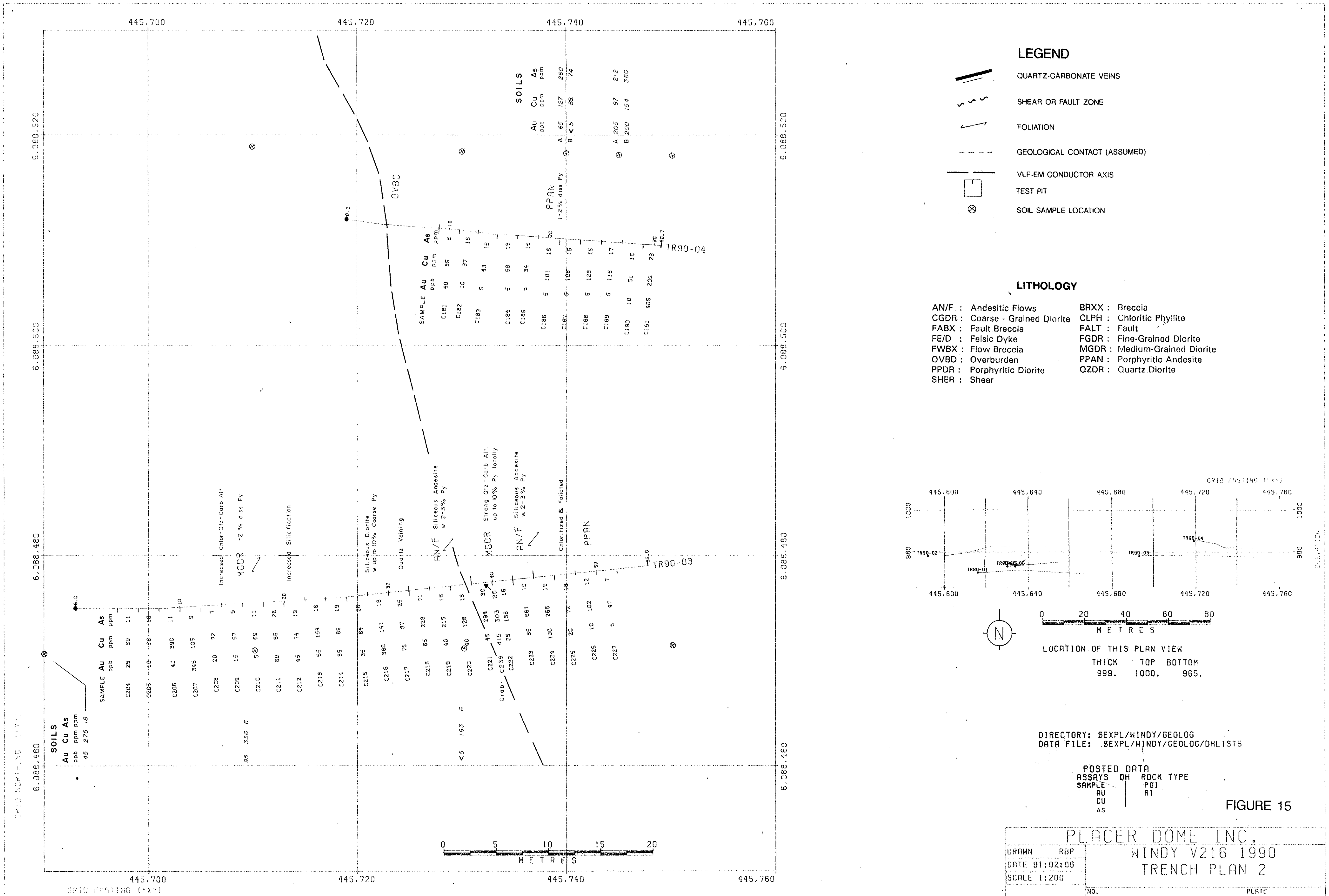




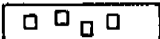
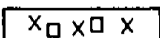
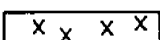
FIGURE 15

LEGEND

OVERBURDEN TYPE

| | | |
|----------|-------|-----------------|
| B2 HORZ. | ————— | B2 HORIZON |
| LC | ————— | LACUSTRINE CLAY |
| S CLAY | ————— | SILTY CLAY |
| S | ————— | SAND |
| S+G | ————— | SAND AND GRAVEL |
| C TILL | ————— | CLAYEY TILL |
| SC TILL | ————— | SANDY-CLAY TILL |
| SS TILL | ————— | SILTY-SAND TILL |

ROCK TYPES

| | | |
|---|-------|----------------------|
|  | ————— | ANDESITIC FLOW |
|  | ————— | CHLORITIC PHYLLITE |
|  | ————— | HORNBLLENDE PORPHYRY |
|  | ————— | DIORITE PORPHYRY |
|  | ————— | DIORITE |

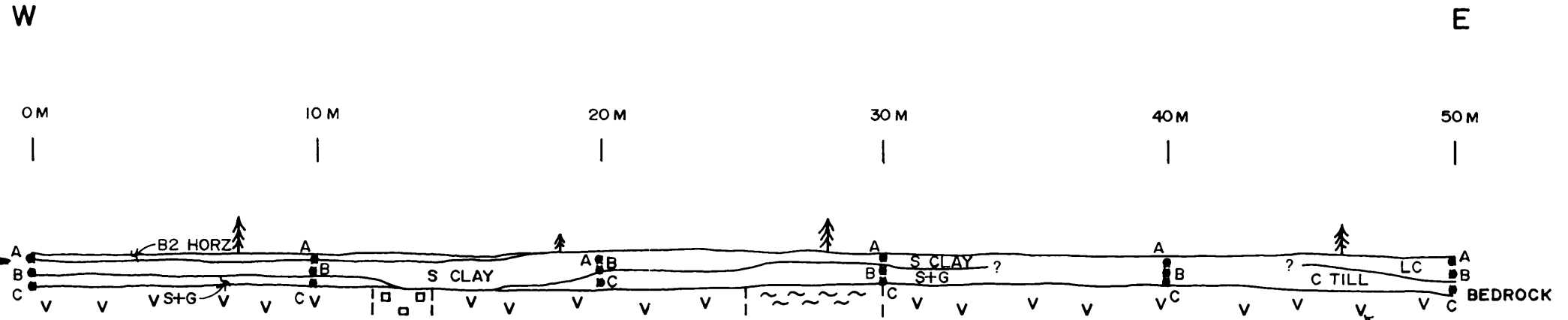
| | | | |
|-----|-------|---------|------------------|
| A • | 0.2 • | } ————— | SAMPLE LOCATIONS |
| B • | 1.0 • | | |
| C • | 2.0 • | | |

GEOLOGICAL BRANCH
ASSESSMENT REPORT

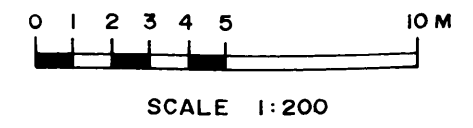
21,430

Part 2 of 2

OVERBURDEN PROFILE
TR90-01



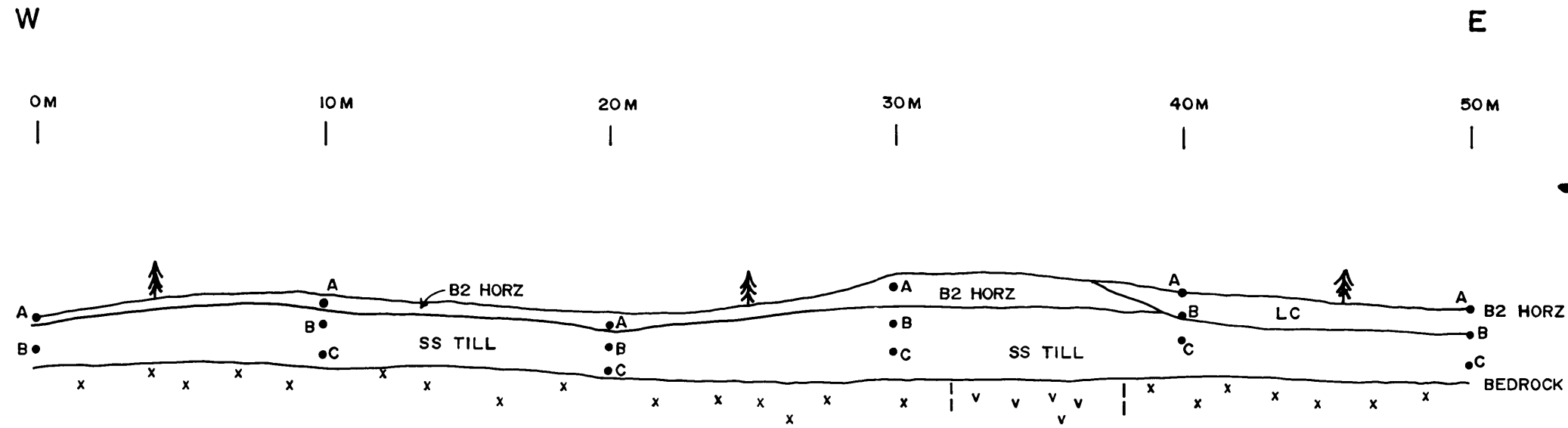
| SAMPLE | AU (ppb) | AG (ppm) | CU (ppm) | PB (ppm) | ZN (ppm) | AS (ppm) |
|----------------|----------|----------|----------|----------|----------|----------|
| TR90-1 0.0M A | 10 | <.1 | 49 | 9 | 47 | 48 |
| TR90-1 0.0M B | <5 | <.1 | 52 | 13 | 56 | 78 |
| TR90-1 0.0M C | 60 | <.1 | 126 | 10 | 69 | 203 |
| TR90-1 10.0M A | 30 | <.1 | 855 | 11 | 258 | 313 |
| TR90-1 10.0M B | <5 | <.1 | 102 | 13 | 81 | 73 |
| TR90-1 10.0M C | 10 | <.1 | 244 | 9 | 140 | 197 |
| TR90-1 20.0M A | 15 | <.1 | 184 | 14 | 158 | 306 |
| TR90-1 20.0M B | 10 | .1 | 527 | 11 | 169 | 250 |
| TR90-1 20.0M C | 5 | .1 | 368 | 4 | 124 | 79 |
| TR90-1 30.0M A | <5 | <.1 | 37 | 11 | 50 | 14 |
| TR90-1 30.0M B | 130 | .5 | 387 | 24 | 159 | 1644 |
| TR90-1 30.0M C | 15 | .3 | 179 | 14 | 117 | 153 |
| TR90-1 40.0M A | <5 | .1 | 49 | 10 | 59 | 15 |
| TR90-1 40.0M B | 275 | .5 | 724 | 20 | 138 | 23 |
| TR90-1 40.0M C | 85 | .2 | 633 | 8 | 74 | 22 |
| TR90-1 50.0M A | 10 | <.1 | 38 | 4 | 57 | 12 |
| TR90-1 50.0M B | 85 | .4 | 400 | 12 | 140 | 29 |
| TR90-1 50.0M C | 135 | .5 | 881 | 18 | 320 | 33 |



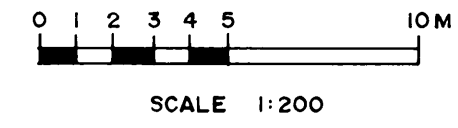
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OVERBURDEN PROFILE
TR 90-03

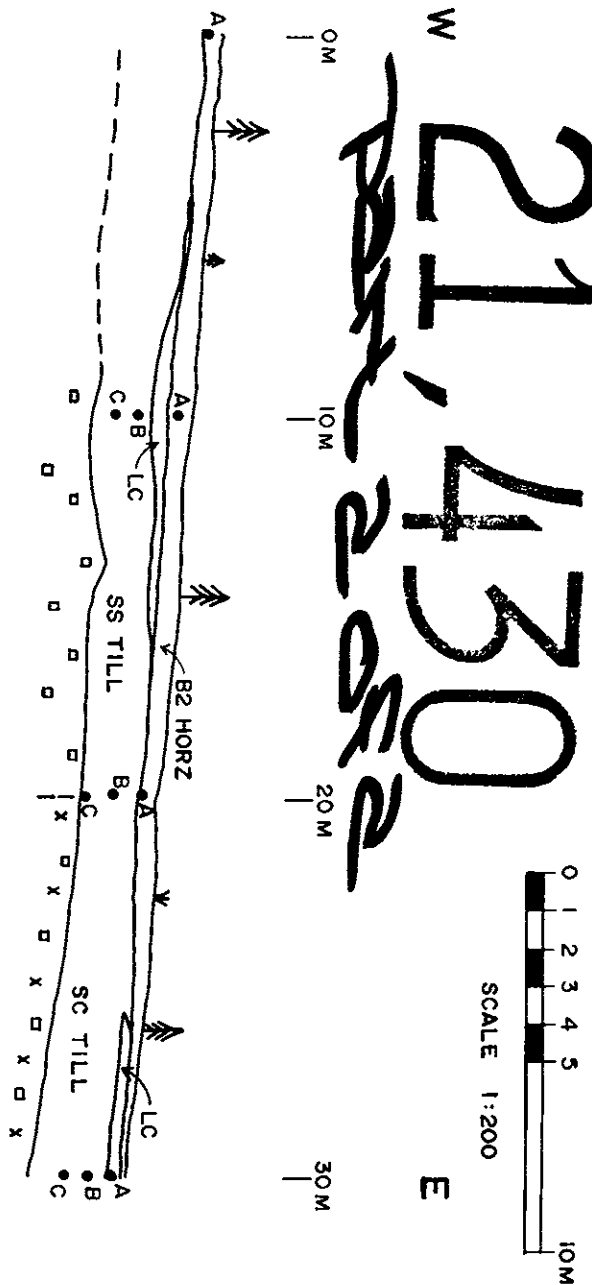


| SAMPLE | AU (ppb) | AG (ppm) | CU (ppm) | PB (ppm) | ZN (ppm) | AS (ppm) |
|--------------------|----------|----------|----------|----------|----------|----------|
| TR90-03 0.0M A | 35 | .3 | 131 | 10 | 67 | 48 |
| TR90-03 0.0M B | 25 | <.1 | 154 | 22 | 68 | 30 |
| TR90-03 10.0M A | 25 | 1.4 | 57 | 13 | 132 | 15 |
| TR90-03 10.0M B | 130 | <.1 | 195 | 16 | 79 | 19 |
| TR90-03 10.0M C | 125 | <.1 | 329 | 9 | 54 | 40 |
| TR90-03 20.0M A | 20 | 1.2 | 96 | 10 | 58 | 17 |
| TR90-03 20.0M B | 100 | .4 | 338 | 5 | 46 | 20 |
| TR90-03 20.0M C | 80 | .5 | 243 | 1 | 94 | 21 |
| TR90-03 30.0M A | 40 | .1 | 234 | 11 | 62 | 114 |
| TR90-03 30.0M B | 60 | .1 | 451 | 13 | 66 | 30 |
| TR90-03 30.0M C | 40 | .2 | 226 | 13 | 76 | 32 |
| TR90-03 40.0M A | 5 | 1.1 | 37 | 8 | 128 | 9 |
| TR90-03 40.0M B | 45 | <.1 | 90 | 6 | 58 | 19 |
| TR90-03 40.0M C | 45 | .1 | 189 | 9 | 66 | 31 |
| TR90-03 50.0M A | 15 | <.1 | 39 | 4 | 74 | 13 |
| TR90-03 50.0M B | 45 | <.1 | 56 | 6 | 58 | 14 |
| TR90-03 50.0M C | 30 | .1 | 320 | 11 | 67 | 40 |



OVERBURDEN PROFILE
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

21,430



| SAMPLE | | | AU (ppb) | AG (ppm) | CU (ppm) | PB (ppm) | ZN (ppm) | AS (ppm) |
|---------|-------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| TR90-04 | 0.0M | A | <5 | <.1 | 67 | 14 | 106 | 15 |
| TR90-04 | 10.0M | A | 20 | .2 | 87 | 5 | 121 | 19 |
| TR90-04 | 10.0M | B | <5 | <.1 | 89 | 3 | 68 | 38 |
| TR90-04 | 10.0M | C | 20 | .1 | 93 | 7 | 69 | 23 |
| TR90-04 | 20.0M | A | 5 | <.1 | 38 | 3 | 90 | 21 |
| TR90-04 | 20.0M | B | 10 | <.1 | 86 | 6 | 72 | 21 |
| TR90-04 | 20.0M | C | 25 | <.1 | 130 | 6 | 96 | 27 |
| TR90-04 | 30.0M | A | 10 | <.1 | 26 | 102 | 75 | 12 |
| TR90-04 | 30.0M | B | 40 | <.1 | 150 | 9 | 84 | 17 |
| TR90-04 | 30.0M | C | 5 | <.1 | 107 | 8 | 68 | 24 |

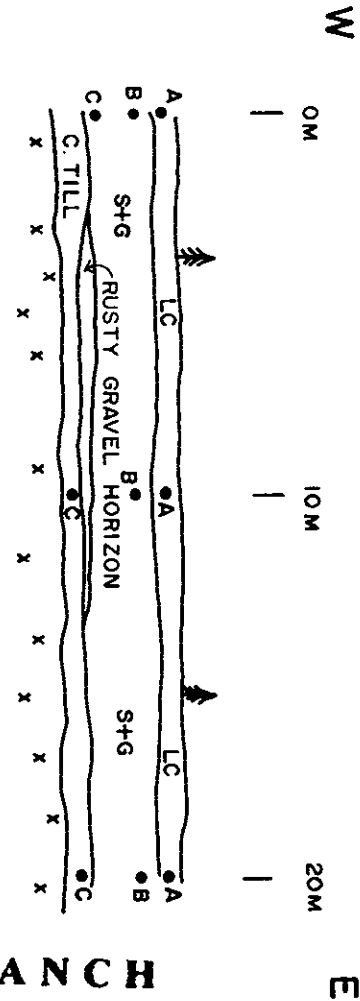
FIGURE 19

OVERBURDEN PROFILE TR90-05

| SAMPLE | | | AU (ppb) | AG (ppm) | CU (ppm) | PB (ppm) | ZN (ppm) | AS (ppm) |
|---------|------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| TR90-05 | 0.0M | A | 10 | <.1 | 59 | 6 | 80 | 73 |
| TR90-05 | 0.0M | B | 145 | .9 | 3835 | 12 | 807 | 4456 |
| TR90-05 | 0.0M | C | 85 | .5 | 636 | 10 | 178 | 766 |

| | | | | | | | | |
|---------|-------|---|----|-----|------|----|-----|-----|
| TR90-05 | 10.0M | A | <5 | .5 | 47 | 12 | 58 | 41 |
| TR90-05 | 10.0M | B | <5 | .1 | 571 | 12 | 156 | 29 |
| TR90-05 | 10.0M | C | 45 | 1.7 | 1300 | 10 | 158 | 179 |

| | | | | | | | | |
|---------|-------|---|-----|-----|-----|----|-----|----|
| TR90-05 | 20.0M | A | <5 | <.1 | 54 | 11 | 54 | 26 |
| TR90-05 | 20.0M | B | <5 | <.1 | 97 | 22 | 87 | 17 |
| TR90-05 | 20.0M | C | 135 | <.1 | 630 | 40 | 201 | 74 |



GEOLOGICAL BRANCH ASSESSMENT REPORT

21,430

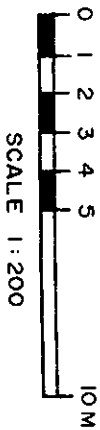
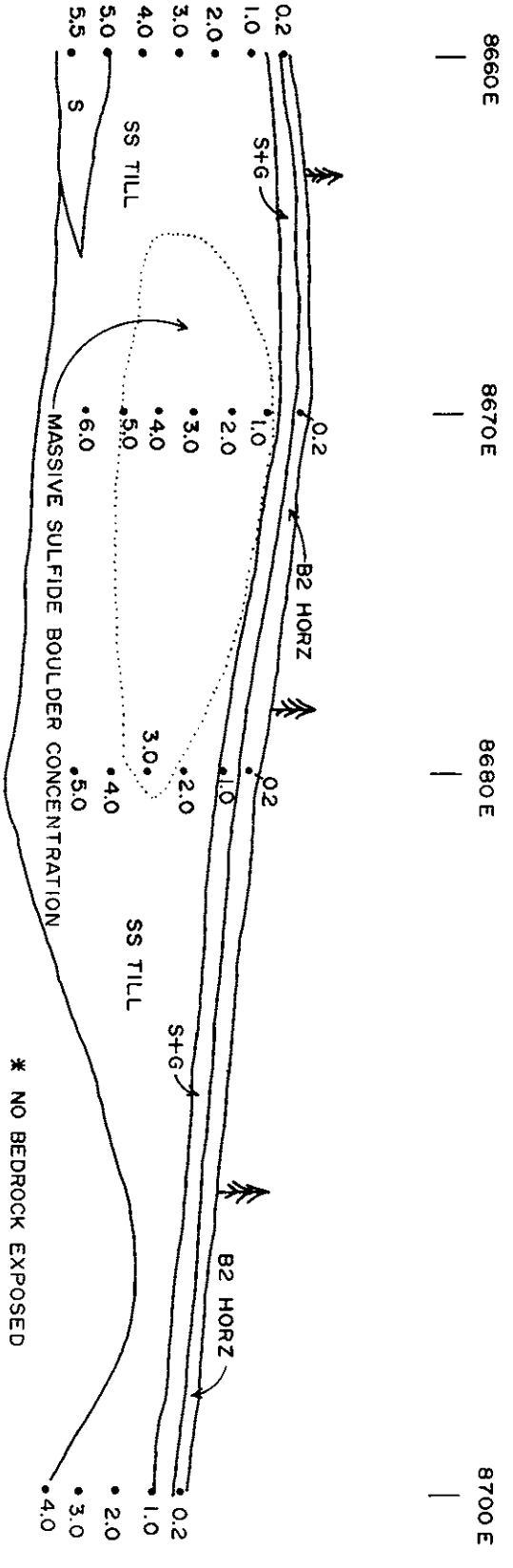


FIGURE 20

OVERBURDEN PROFILE
L.10450 N

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FIGURE 21

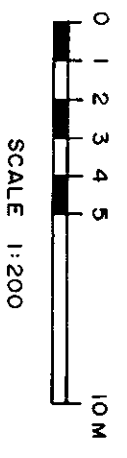


| SAMPLE | | | AU | AG | CU | PB | ZN | AS |
|----------|-------|------|-------|-------|-------|-------|-------|-------|
| PIT90-12 | | | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| L10450N | 8660E | 0.2M | 95 | .2 | 283 | 2 | 144 | 167 |
| L10450N | 8660E | 1.0M | 55 | .1 | 436 | 2 | 75 | 37 |
| L10450N | 8660E | 2.0M | 225 | .7 | 839 | 7 | 132 | 88 |
| L10450N | 8660E | 3.0M | 410 | .8 | 704 | 14 | 98 | 1029 |
| L10450N | 8660E | 4.0M | 250 | 1.0 | 859 | 12 | 104 | 1245 |
| L10450N | 8660E | 5.0M | <5 | .2 | 75 | 7 | 51 | 23 |
| L10450N | 8660E | 5.5M | 10 | .1 | 81 | 6 | 42 | 15 |

| PIT90-13 | | | AU | AG | CU | PB | ZN | AS |
|----------|-------|------|-------|-------|-------|-------|-------|-------|
| | | | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| L10450N | 8670E | 0.2M | 645 | 3.4 | 190 | 32 | 147 | 2023 |
| L10450N | 8670E | 1.0M | 5125 | 14.3 | 670 | 260 | 121 | 8875 |
| L10450N | 8670E | 2.0M | 75 | 3.6 | 430 | 46 | 64 | 4104 |
| L10450N | 8670E | 3.0M | 2215 | 10.9 | 589 | 90 | 91 | 6740 |
| L10450N | 8670E | 4.0M | 175 | .6 | 440 | 10 | 73 | 155 |
| L10450N | 8670E | 5.0M | 190 | .3 | 455 | 2 | 62 | 103 |
| L10450N | 8670E | 6.0M | 355 | .6 | 1508 | 10 | 77 | 284 |

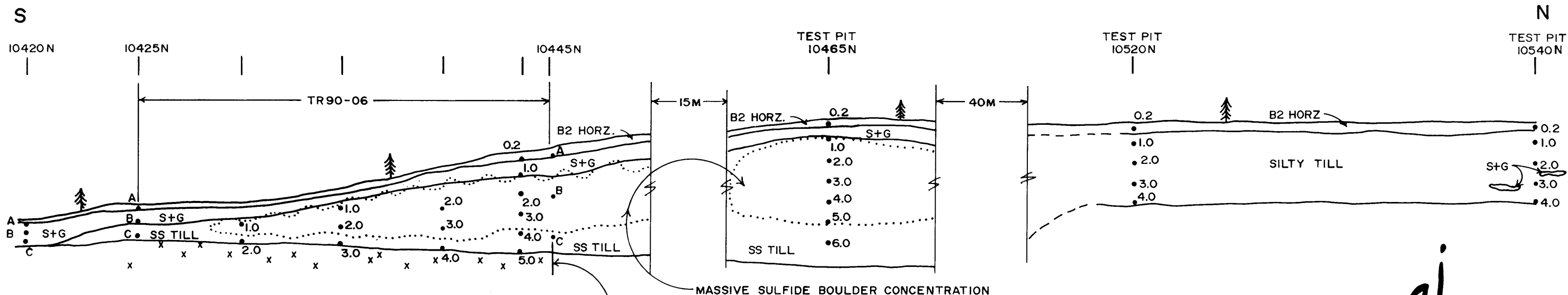
| PIT90-14 | | | AU | AG | CU | PB | ZN | AS |
|----------|-------|------|-------|-------|-------|-------|-------|-------|
| | | | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| L10450N | 8680E | 0.2M | 140 | 1.0 | 295 | 17 | 92 | 394 |
| L10450N | 8680E | 1.0M | 160 | .8 | 1600 | 3 | 85 | 96 |
| L10450N | 8680E | 2.0M | 25 | .3 | 462 | 6 | 87 | 50 |
| L10450N | 8680E | 3.0M | 155 | .8 | 1030 | 14 | 77 | 201 |
| L10450N | 8680E | 4.0M | <5 | .1 | 197 | 12 | 97 | 31 |
| L10450N | 8680E | 5.0M | 210 | .2 | 221 | 20 | 65 | 29 |

| PIT90-15 | | | AU | AG | CU | PB | ZN | AS |
|----------|-------|------|-------|-------|-------|-------|-------|-------|
| | | | (ppb) | (ppm) | (ppm) | (ppm) | (ppm) | (ppm) |
| L10450N | 8700E | 0.2M | 155 | .5 | 68 | 21 | 94 | 19 |
| L10450N | 8700E | 1.0M | 125 | .4 | 394 | 25 | 85 | 34 |
| L10450N | 8700E | 2.0M | 100 | .1 | 390 | 25 | 117 | 29 |
| L10450N | 8700E | 3.0M | 35 | .1 | 235 | 12 | 110 | 47 |
| L10450N | 8700E | 4.0M | 90 | .8 | 279 | 29 | 96 | 75 |



21,430
Part 2 of 3

OVERBURDEN PROFILE
LONGITUDINAL SECTION 8670 E



| SAMPLE | AU (ppb) | AG (ppm) | CU (ppm) | PB (ppm) | ZN (ppm) | AS (ppm) |
|----------------------|----------|----------|----------|----------|----------|----------|
| TR90-1 20.0M A | 15 | <.1 | 184 | 14 | 158 | 306 |
| TR90-1 20.0M B | 10 | .1 | 527 | 11 | 169 | 250 |
| TR90-1 20.0M C | 5 | .1 | 368 | 4 | 124 | 79 |
| TR90-05 0.0M A | 10 | <.1 | 59 | 6 | 80 | 73 |
| TR90-05 0.0M B | 145 | .9 | 3835 | 12 | 807 | 4456 |
| TR90-05 0.0M C | 85 | .5 | 636 | 10 | 178 | 766 |
| TR90-06 5.0/1.0M | 810 | 4.9 | 635 | 12 | 155 | 9828 |
| TR90-06 5.0/2.0M | 20 | .1 | 465 | 35 | 238 | 618 |
| TR90-06 10.0 1.0M | 380 | 1.9 | 214 | 55 | 97 | 1119 |
| TR90-06 10.0 2.0M | 605 | 1.8 | 2005 | 40 | 512 | 2395 |
| TR90-06 10.0 3.0M | 1185 | 2.4 | 4500 | 170 | 540 | 2564 |
| TR90-06 15.0 2.0M | 13415 | 61.5 | 564 | 250 | 169 | 4345 |
| TR90-06 15.0 3.0M | 3915 | 37.0 | 112 | 25 | 41 | 167 |
| TR90-06 15.0 4.0M | 660 | .4 | 6875 | 16 | 565 | 1632 |
| TR90-06 19.0M 0.2M | 160 | 1.5 | 143 | 12 | 90 | 644 |
| TR90-06 19.0M 1.0M | 270 | 1.1 | 530 | 22 | 78 | 736 |
| TR90-06 19.0M 2.0M | 1325 | 5.9 | 1378 | 72 | 128 | 15497 |
| TR90-06 19.0M 3.0M | 9365 | 26.0 | 169 | 140 | 113 | 2916 |
| TR90-06 19.0M 4.0M | 860 | 2.1 | 7337 | 30 | 515 | 1269 |
| TR90-06 19.0M 5.0M | 195 | .7 | 849 | 45 | 330 | 170 |
| TR90-02 50.0M A | 315 | 2.0 | 154 | 29 | 112 | 936 |
| TR90-02 50.0M B | 2080 | 6.3 | 241 | 63 | 53 | 7190 |
| TR90-02 50.0M C | 290 | 1.0 | 891 | 18 | 170 | 2617 |
| PIT90-13 | | | | | | |
| L10450N 8670E 0.2M | 645 | 3.4 | 190 | 32 | 147 | 2023 |
| L10450N 8670E 1.0M | 5125 | 14.3 | 670 | 260 | 121 | 8875 |
| L10450N 8670E 2.0M | 75 | 3.6 | 430 | 46 | 64 | 4104 |
| L10450N 8670E 3.0M | 2215 | 10.9 | 589 | 90 | 91 | 6740 |
| L10450N 8670E 4.0M | 175 | .6 | 440 | 10 | 73 | 155 |
| L10450N 8670E 5.0M | 190 | .3 | 455 | 2 | 62 | 103 |
| L10450N 8670E 6.0M | 355 | .6 | 1508 | 10 | 77 | 284 |
| PIT90-5 | | | | | | |
| L 10500N 8670E 0.2 M | 150 | .2 | 139 | 11 | 76 | 285 |
| L 10500N 8670E 1.0 M | 20 | <.1 | 80 | 10 | 70 | 61 |
| L 10500N 8670E 2.0 M | 20 | <.1 | 74 | 8 | 49 | 32 |
| L 10500N 8670E 3.0 M | <5 | <.1 | 76 | 8 | 68 | 18 |
| L 10500N 8670E 4.0 M | 5 | <.1 | 75 | 10 | 75 | 15 |
| PIT90-6 | | | | | | |
| L 10515N 8670E 0.2 M | 35 | <.1 | 226 | 9 | 109 | 94 |
| L 10515N 8670E 1.0 M | 10 | <.1 | 162 | 11 | 63 | 74 |
| L 10515N 8670E 2.0 M | 20 | <.1 | 95 | 12 | 74 | 41 |
| L 10515N 8670E 3.0 M | <5 | <.1 | 66 | 8 | 57 | 26 |
| L 10515N 8670E 4.0 M | <5 | <.1 | 59 | 6 | 47 | 15 |

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21,430

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