

## CYPRUS ANVIL MINING CORPORATION

Page 1 of \_\_\_\_\_

## DIAMOND DRILL CORE LOG

Date: \_\_\_\_\_

Hole Number: KA74A40

Reference Fabric Orientation Diagram:

Project: VANGORDA PLATEAU REMAPLocation: VANGORDA PLATEAUClaim: CHAMP #4Terr. Plane  
Co-ords.: 6903712.918 NCAMC  
MINE SURVEY  
593348.016 EGrid  
Co-ords: 20+00W/4+00SElevation: 1186.165 m.

All symmetry determinations looking

Total Depth: 578ft = 176.2m.NW with SZ dippingInclination: -90°SW with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole  
Terminated: \_\_\_\_\_Logged by: GAS/LCPDate(s) Logged: July 24/84Drilling  
Contractor: \_\_\_\_\_

| Size      | CORE<br>From | To          | Collar Cased<br>and Capped: _____ |
|-----------|--------------|-------------|-----------------------------------|
| <u>NW</u> | <u>0'</u>    | <u>8'</u>   |                                   |
| <u>BW</u> | <u>0'</u>    | <u>43'</u>  |                                   |
| <u>BQ</u> | <u>43'</u>   | <u>578'</u> |                                   |

Hole  
Cemented: \_\_\_\_\_Steel down  
hole: \_\_\_\_\_Started: Sept 20/74 Completed: Sept 24/74



Feet

DDH E.A.G.A.O.4.0  
2 8

Cyprus Anvil Mining Corp.  
Lithologic Log

Page 3 of       

Date: July 24/84 Logged By: GAT/LEP

| Code | From  | To    | Recov. | No. | Unit   | Description   |                 |
|------|-------|-------|--------|-----|--------|---|-----------------|
|      | 10    | 14    | 16     | 20  | 22 24  | 26 28   | 30 34 35        |
| L    | 10    | 14.1  |        | 11  | 1#     | TRiconch - no recovery  |                 |
| L    | 14.1  | 14.2  |        | 12  | 1#     | Granitic boulders   |                 |
| L    | 14.2  | 16.7  |        | 13  | 31G91  | borderline to 5A6<br>Mod. soft to mod. hard, dk grey to locally blk, PS2 fltd, noncalcareous phyllite. local poorly developed lithon texture w/ thin qtzose bands. S2 folia dk grey, med-dk grey Not carbonaceous enough for 5A - close in places Minor dk med grey, noncarbonaceous phyll. interbands V. broken & porous chippy to rubble / No gauge / Recov 80% / No faults |                 |
| L    | 16.7  | 11013 |        | 14  | 15A119 | minor [36916 minor] borderline colour.<br>Hrd, dk bluish grey, carbonaceous, siliceous phyllite. Minor qtz-py bands / disseminations Noncalc - moderate "dolomite flash" Moderate to poorly developed colour striping    S2 Very broken & rubble - porous chippy Recovery 80% No gauge / No major faults S2 surfaces med dk grey to shiny dk grey to black                    |                 |
| L    | 11013 | 1132  |        | 15  | 31G91  | (3609 minor) [5A6 (3ED) borderline]<br>Mod. soft to soft, med dk grey to dk grey to grey. Noncalcareous, PS2 fltd phyllite. Soft dk grey to black phyllite interbedded qtzose laminae w/ disc green Banding mm to cm scale locally lithon. Lowermost 5' med grey - 1550 dk grey. S2 surfaces dk grey w/ shiny to earthy surface. Mod. broken 106-110 rubble, poor recovery    | Definitely 369! |
| L    | 1132  | 1133  |        | 16  | 15A11  | Hrd, dk grey to black, noncalc, strong "dol flash" phyllite Qtz-py -ankerit(?) laminae texturally like 4A Few % py Not 4A Intact  |                 |

| Code | From                             | To    | Recov. | No. | Unit     | Description  |
|------|----------------------------------|-------|--------|-----|----------|--|
|      | 10 14 16 20 22 24 26 28 30 34 35 |       |        |     |          |  |
| L    | 11313                            | 11417 |        | 17  | 31691    | [3E0] [5A6] borderline<br>Mod to wk "dolo flash", noncalcareous, dk med to dk grey, mod soft to locally mod hrd, pS2 fltd w/ local lithons phyllite. Sparsely developed qtz-po bands in overall dk grey soft phyllite & med grey, bander, phase banded rock. Banding min/cns // S2 qtz-po bands // S2 & in D2 folds 1-5 mm thick Intact      |
| L    | 11417                            | 11710 |        | 18  | 151A119  | minor<br>Hrd to mod hrd, dk grey to med dk grey, minor black, PS2 fltd, noncalcareous, mod. carbonaceous, sil. phyllite. Strong "dolo flash" Strongly fltd w/ leady qtz-py-po lenses to bands along S2 - these are redist lithon hinges. Also some thicker granular qtz-po lenses. Bluish grey colour. Mod broken, locally rubbly, no faults |
| L    | 11710                            | 11750 |        | 19  | 13161913 | [5B2 → 5A0]<br>Mod. hrd, weakly calcareous, dk grey, weakly lithonced phyllite. Lighter, softer, & minor carbonate in contrast to last unit. Some carbonate weathers brn lithon fine - not good 5B2 Mod broken to rubbly / no faults   |
| L    | 11750                            | 11813 |        | 110 | 316101   | ±3±9<br>Med grey to dk med grey, variably calc, mod lithonced, mod soft to mod hard phyllite. Some resemble 36 w/ phase lithons (FAGAD07). Some resemble 5B w/ poorly developed lithon. Not congealing 5B. Very broken / locally rubbly / no faults  |

closer to 369

| Code | From  | To    | Recov. | No. | Unit    | Description  |    |    |    |    |    |
|------|-------|-------|--------|-----|---------|--|----|----|----|----|----|
|      | 10    | 14    | 16     | 20  | 22      | 24   | 26 | 28 | 30 | 34 | 35 |
| L    | 11813 | 11816 |        | 111 | 131691  | ± 3 minor<br>Mod brkn, noncalc to v. wk. calc, mod to poorly lithonad, mod dk grey to dk grey phyllite Mod brken to broken chippy to rubble  |    |    |    |    |    |
| L    | 11816 | 11990 |        | 112 | 141A01  | ± 7<br>Total sulphides 15% py ⇒ sphal & po minor po<br>Mod brken to rubble at EIT No fault   |    |    |    |    |    |
| L    | 11919 | 12109 |        | 113 | 141K117 | 4-6 weak garnet ± 9 minor [4C7 green ± 9 minor]<br>Hrd to very hard, light greenish grey, po-bearing, musc > chlorite & quartz. Minor opy in fractures. PS2 f140, v light green-cream chlorite > musc & quartz interlaminate w quartz-po ± sphal bands on 1-50 mm scale Band boundaries diffuse & sharp Minor garnet 52 folia green, silvery greenish grey Split/orig intact About 19% combined Pb+Zn. Total sulphides 30% - dominantly po Have some 10cm massive po bands |    |    |    |    |    |
| L    | 12109 | 12124 |        | 114 | 141K107 | → (4K76 weak) → (4K6 weak)<br>Mod soft to mod. hrd, noncalc, very light greenish cream/creamy off-white musc > chlorite phyllite One 3B3 interband. Less intense st-sulphide bands than last unit (≠ 13) Po gradually fades out in last 5' of unit & color becomes greener. Mod. brken to rubble / split in part   |    |    |    |    |    |
| L    | 12124 | 12125 |        | 115 | 131B13  | Minor fuchsite, possible minor biot. Mod. brken  |    |    |    |    |    |

end of assay interval 209

| Code | From   | To     | Recov. | No. | Unit    | Description  |    |    |    |    |    |
|------|--------|--------|--------|-----|---------|--|----|----|----|----|----|
| I    | 10     | 14     | 16     | 20  | 22      | 24   | 26 | 28 | 30 | 34 | 35 |
| L    | 121215 | 121217 |        | 116 | 141K112 | #<br>Mod hrd, qtz-musc-chlorite, weally calc phyllite. PS2 f140 - minor lithons.<br>Overall colour greenish grey similar to above 4k. Mod broken / no gauge  |    |    |    |    |    |
| L    | 121217 | 121310 |        | 117 | 131B131 | As above / Mod. broken / no gauge  |    |    |    |    |    |
| L    | 121310 | 121319 |        | 118 | 141K16  | → (4k6 weak)<br>Mod. soft to med hrd., med grey to pale greenish grey, noncalc phyllite<br>Minor po & py assoc w/ stringers & xcutting qtz veinlets. U broken,<br>rubbley / occur OK. Very messy zone - related to all green<br>rock have been seeing in this DDT.   |    |    |    |    |    |
| L    | 121319 | 121530 |        | 119 | 141K117 | 2 6 weak<br>Hrd, light greenish cream, musc-chlorite qtzite w/ bands of py + po. Minor<br>qz fractures. Noncalc. Same as Unit #13. Po > py<br>Banded pegitic qtzite / similar to 4C but has silvery greenish grey folia.<br>folia go to pale cream-green. Slight green tint distinguishes from 4C<br>Split / arg fairly intact |    |    |    |    |    |
| L    | 121530 | 121514 |        | 120 | 141K16  | weak ± # minor.<br>Mod soft, med greenish grey, slightly calc, musc-chlorite phyllite. Highly<br>brown-weather stained. Intact. Small fault in centre 45° CA<br>Small fault at TOI - rubble - reason for weathering  |    |    |    |    |    |

| Code | From |     | To   |     | Recov. | No.  | Unit    | Description   |    |    |
|------|------|-----|------|-----|--------|------|---------|---|----|----|
|      | 10   | 14  | 16   | 20  |        |      |         |   | 22 | 24 |
| L    | 1215 | 145 | 1218 | 190 |        | 121  | 131G101 | ± 9 ± 3<br>Mod soft to mod hrd, v. slightly calc, mod greenish grey, finely CS2 to PS2 flint phyllite. Mod. silvery grey S2 folia. Very finely laminated, dk mod grey soft phyllite interbedded w/ lighter phyllite & even lighter granular gneiss bands. Gneiss bands mm to cm. Minor muscovite gneiss bands calc. Strongly banded interbeds have 5mm thick lichen texture. Mod broken to intact TOI-277.5/277.5-279 rubble 6" recov / 279-284 mod broken intact / 284-301 mod broken to rubble / recov dk. Gneiss bands have slight green tinge. Bands finer grained than S3 siltstones.<br>: crenulations lichen texture less well developed |    |    |
| L    | 1218 | 190 | 1310 | 100 |        | 1212 | 131G101 | siltstone [3G08] [3G8 minor]<br>Mod hrd to mod soft, mod to light greyish green, PS2 flint, noncalc phyllite. S2 folia greenish grey. Greener than last unit / richer in gneiss material as opposed to phyllitic (than last unit #21). Mod broken to locally rubble - 60% recovery - core loss mainly in middle - no gauge  |    |    |
| L    | 1310 | 100 | 1310 | 140 |        | 1213 | 151C171 | ± 4 "heaped Rock"<br>Mod. broken to incip gauged. Recov 1 1/2' for 4'   |    |    |
| L    | 1310 | 140 | 1312 | 120 |        | 1214 | 131G101 | siltstone [3G08] [3G8 minor]<br>Mod greenish grey, noncalc, mod hrd to mod soft, PS2 flint phyllite. Similar to Unit # 22. Greenish cast due to siltst gneiss laminations. S2 folia mod to dk grey. Not lichen-rich. Terrible recov. 11' of corebox TOI-307.5 1' of rubble / 307.5-311.5 intact / 311.5-315 rubble 1 1/2' recov / 315-301 mod to v broken, local rubble 75% recov   |    |    |

Major core loss & rubble TOI. May suggest minor fault or bed caving due to bed rock. Mod. amt gneiss vein material.

| Code | From     | To       | Recov.   | No.   | Unit   | Description   |
|------|----------|----------|----------|-------|--------|---|
| I    | 10 14 16 | 20 22 24 | 26 28 30 | 34 35 |        |   |
| L    | 131212 0 | 131311 5 |          | 1215  | H1K116 | weak F weak [3648 stringered]<br>Med. hrd (locally med soft), med grey green, variably calc, irreg S2 folia - varies from CS2 to P52 Altered looking phyllitic rock. S2 folia silvery grey to light greenish grey to pale greenish cream. Calc w/ qtz as bands or stringers (some w/ chlorite schugers) folded by D2. Calc also as laka xcutting structures. Minor disc po to banded py ass w/ qtz - D2 folded stringers & remab into late structures. Part of 4h clam. Suggest derived from siliceous-rich 350 rocks - some possibly see granular texture through the alteration. Intact to med brkn, rubbly in part 6" (ass w/ qtz vein) / recov OK 6 weak because good grey S2 folia |
| L    | 131311 5 | 131313 0 |          | 1216  | 101Q1A | chlorite<br>Intact  |
| L    | 131313 0 | 131418 5 |          | 1217  | H1K116 | 2 minor F minor garnet<br>Hrd to med hrd, light to med greenish qtz-chlorite-musc ± garnet phyllitic / phyllitic altered rock. Irregul almost CS2 pattern S2 surfaces light silvery greenish w/ slight grey tinge. Garnet occurs in qtz-chlorite rich bands which may be altered veins? Minor po / py ass w/ qtzose bands - veins? Similar to Unit # 25 only more - more sulphides - more veined qtz (pre D2) appearance. (milky qtz w/ irregular anastomosing chlorite filth) Minor dolo in "veins" Med. brkn / locally rubbly / recov 80% / No gouge.   |
| L    | 131418 5 | 131610 0 |          | 1218  | H1K116 | 7 9 minor garnet v. minor<br>Hrd to med hrd, qtz-chlorite-musc altered phyllite as above Unit # 27 but  |

with more sulphides Po > py, minor cpy. Total sulphides 10% - dominantly po. Sulphides are w/ more qtzose phyllite - minor garnet. Upper contact very gradual. Split 353-360'. Orig. intact / good recov.

| Code | From   |    | To     |    | Recov. | No. | Unit   | Description   |    |    |
|------|--------|----|--------|----|--------|-----|--------|---|----|----|
|      | 10     | 14 | 16     | 20 |        |     |        |   | 22 | 24 |
| L    | 131610 | 0  | 131813 | 0  |        | 129 | 1316B  | <p>Mod. soft, noncalc, med to pale green, PS2 fld, noncalc phyllite. S2 folia pale silvery green to med silvery green - v. faint grey cast</p> <p>Overall homogeneity, lack of grey on S2 folia translates as 30B</p> <p>Mod. broken v. poor recov 360-365' 1' recov / 365-368</p> <p>Ind rubble &amp; broken core - recov 2' / 368-372 med broken 3' recov / 372-375 med. broken 2' recov / 375-381.5 3' recov med. broken / 381.5-EOT 1' recov rubble to med. broken. No reason for poor recov. - lot of broken core. No gauge recovered.</p>                               |    |    |
| L    | 131813 | 0  | 131875 | 5  |        | 130 | 1318Bf | <p>→ (3B3) 50:50</p> <p>Transitional to 3B2 at margins. Centre is Legend Rock texture. S2 orientation indicates Unit is D2 fold nose at hinge at 385'. Mod. broken, recov. OK</p>   |    |    |
| L    | 131875 | 5  | 140100 | 0  |        | 131 | 141161 | <p>247 sulph. all minor</p> <p>Mod. hrd to med. soft <sup>to hard</sup> v. slightly calc, qtz-chlorite-musc, med green phyllite. Slight grey cast overall. S2 folia med silvery green w/ negl. relict grey v. minor stringers py-ps-sphal. PS2 fld - weakly banded. Diff between this &amp; Unit #29 - S2 folia have less grey, harder - not a 3G phyllite background appearance - more qtz banded. Diff may be one of degree &amp; not process. No garnets. Mod. broken / local rubble /</p> <p>recov. 80% v. minor calcite associated w/ qtz-sulphide bands / stringers</p> |    |    |

| Code | From  |    |       |    |    | To |    |    |    |    | Recov. | No. | Unit   | Description   |
|------|-------|----|-------|----|----|----|----|----|----|----|--------|-----|--------|---|
|      | 10    | 14 | 16    | 20 | 22 | 24 | 26 | 28 | 30 | 34 |        |     |        |   |
| L    | 14100 | 0  | 14101 | 5  |    |    |    |    |    |    |        | 132 | 14K116 | weak 7 2 minor 4 minor<br>Hrd, light greenish cream, qtz-musc-chlorite-minor po-py phyllite<br>Sulph. poorly developed as D2 filled bands Minor cpy-sphal.<br>Pale color - pale greenish cream S2 folia Split/orig intact   |
| L    | 14101 | 5  | 14105 | 0  |    |    |    |    |    |    |        | 133 | 10101# | chlorite 9 galena v. minor<br>Intact. Roughly S2 foliaform veins  |
| L    | 14105 | 0  | 14119 | 5  |    |    |    |    |    |    |        | 134 | 14K116 | weak 7 minor 4 minor 9 v. minor (4x6 1 minor 7 minor)<br>Mod. hrd to hrd., irreg P52-CS2 flite, med. green qtz-chlor-musc-<br>minor calc phyllite. Siliceous. TOI similar to Unit # 32 -<br>becomes gradually darker green so resembles Unit # 31 at EOT<br>S2 folia start pale to silvery green / by 409' S2 folia med<br>silvery green - more obviously chloritic. No relict greyish S2 folia<br>Minor po-sphal-qty-v. minor gal. in sparsely diss bands in lighter<br>more musc-rich qtzose bands above 410' Core split Total<br>sulph. 5-10% po dominant Cpy late xcutting fractures. Only<br>mod. hrd below 410. 410-412' qtz-# veins similar to Unit # 33<br>Mod. hrd / orig intact upper 1/2 split |
| L    | 14119 | 5  | 14131 | 0  |    |    |    |    |    |    |        | 134 | 131G1  | Gauge<br>Grey gauge, slightly calcareous Totally IND TOI-424 recov ok/<br>424-EOT 1' gauge & rubble 5' recov. for entire unit   |

Minor calc. ass of sulphide band

| Code | From  |    |    |       |    | To |    |    |    |    | Recov. | No.  | Unit | Description   |
|------|-------|----|----|-------|----|----|----|----|----|----|--------|------|------|---|
|      | 10    | 14 | 16 | 20    | 22 | 24 | 26 | 28 | 30 | 34 |        |      |      |   |
| L    | 14313 |    |    | 15178 |    |    |    |    |    |    |        | 1315 | B1G0 |   |
|      |       |    |    |       |    |    |    |    |    |    |        |      |      | <p>Mod. soft to soft, med grey, PSZ fltd, usual. to v. slightly calc. phyl. like.<br/>           Mod. grey to dk med grey SZ folia. Calc largely resident in<br/>           fractures &amp; weathered fltr. surfaces. Core has variant of "dala flunk"<br/>           Grey to dk med grey SZ folia separating into thick laths of<br/>           greenish grey grt-mica. Extremely brittle to potter chipping<br/>           w/ several IND gauge zones. Recov overall in 14 rows =<br/>           70' for 130'. Loss in all rows. Much of problem above<br/>           540' 550-570 recov. OK - no gauge. 570-EOI 50% /<br/>           potter chipping &amp; rubble. Major gauges 482, 495, 503,<br/>           508 all about 1' long &amp; IND<br/>           517-527 4" IND gauge lumps recovered<br/>           All related to above fault zone. No orient. feeling</p> |
|      |       |    |    |       |    |    |    |    |    |    |        |      |      | E O H   |





FEET

FAULT

DDH A.04.0  
2 8

Cyprus Anvil Mining Corp.

Page 14 of \_\_\_\_\_

REC Structural Log

Date: Aug 8/84 Logged By: LCP

UPPER TEST LOWER

| Code | From |     | To   |    | Feature | E/W | S <sub>1</sub> |         | S <sub>2</sub> |         | Description   |
|------|------|-----|------|----|---------|-----|----------------|---------|----------------|---------|---|
|      | 10   | 14  | 16   | 20 |         |     | Dip            | Direct. | Dip            | Direct. |   |
| F    | 1316 | 180 | 1317 | 20 | 21B     | 7   |                |         |                |         | mod brkn / 3':4' recov  |
| F    | 1317 | 20  | 1317 | 50 | 21B     | 6   |                |         |                |         | mod brkn / 2':3' recov  |
| F    | 1317 | 50  | 1318 | 15 | 21B     | 4   |                |         |                |         | mod brkn / 3':6.5' recov  |
| F    | 1318 | 30  | 1318 | 75 | 21B     |     |                |         |                |         | mod. brkn / recov OK  |
| F    | 1318 | 75  | 1410 | 10 | 21BRB   |     |                |         |                |         | mod brkn / local rubble<br>recov 80%                                    |
| F    | 1410 | 15  | 1410 | 50 | Q       |     |                |         |                |         | gte vein Sz foliaform   |
| F    | 1410 | 50  | 1411 | 95 | 21B     |     |                |         |                |         | mod brkn  |
| F    | 1411 | 95  | 1413 | 30 | G       |     |                |         |                |         | IND gauge   |
| F    | 1412 | 40  | 1413 | 30 | GRPI    |     |                |         |                |         | gauge & rubble, recov 1/9'  |
| F    | 1413 | 30  | 1517 | 80 | 31BTS   | 5   |                |         |                |         | v. brkn to pokan chippy<br>w/ several IND gauge<br>zones recov 70'/130' |
| F    |      |     | 1418 | 20 | G       |     |                |         |                |         | } major gauges<br>in above unit   |
| F    |      |     | 1419 | 50 | G       |     |                |         |                |         |   |
| F    |      |     | 1510 | 30 | G       |     |                |         |                |         |   |
| F    |      |     | 1510 | 80 | G       |     |                |         |                |         |   |
| F    | 1511 | 70  | 1512 | 70 | GPI     | 0   |                |         |                |         | 4" gauge lumps recovered  |
| F    | 1517 | 0   | 1517 | 80 | TR      | 5   |                |         |                |         | pokan chippy & rubble<br>50% recov.                                     |
|      |      |     |      |    |         |     |                |         |                |         | EOH   |

ASSAY LOG (SAMPLER'S COPY)

*Fect*

| CODE | FROM |     | TO  |     | SAMPLE |    | INTR. |     | REC (m) |     | UNIT |      | DESCRIPTION |
|------|------|-----|-----|-----|--------|----|-------|-----|---------|-----|------|------|-------------|
|      | 10   | 14  | 16  | 20  | 22     | 26 | 28    | 30  | 32      | 34  | 36   | 40   |             |
| P    | 119  | 190 | 210 | 195 |        |    |       | 110 | 5       | 110 | 5    | 4121 | 171         |
| P    | 120  | 195 | 121 | 155 |        |    |       | 160 |         | 160 |      | 4121 | 1071        |
| P    | 123  | 155 | 124 | 115 |        |    |       | 160 |         | 160 |      | 4121 | 161         |
| P    | 124  | 115 | 124 | 180 |        |    |       | 165 |         | 165 |      | 4121 | 172         |
| P    | 124  | 180 | 125 | 130 |        |    |       | 150 |         | 150 |      | 4121 | 172         |
| P    | 135  | 130 | 136 | 100 |        |    |       | 170 |         | 167 |      | 4121 | 167         |
| P    | 140  | 100 | 140 | 115 |        |    |       | 115 |         | 115 |      | 4121 | 167         |
| P    | 140  | 150 | 141 | 105 |        |    |       | 155 |         | 155 |      | 4121 | 167         |

# DIAMOND DRILL RECORD

LOGGED BY Stanley B. Reamsbottom

PROPERTY Vangorda Mines - AEX Option

D.D.H. No. A - 40

PAGE 1 of 3

LATITUDE 4 +00.5

BEARING OF HOLE \_\_\_\_\_

STARTED Sept. 20/74



CLAIM No. CHAMP 4

DEPARTURE L. 20 + 00W

DIP OF HOLE Vertical

COMPLETED Sept. 24/74

DIRECTION AND DISTANCE FROM

ELEVATION 3886.05 A.S.L.  
412.9 P.A.T.

DIP TESTS \_\_\_\_\_

Proposed:  
DEPTH Ultimate: 578'  
176.77 M

NE. CLAIM POST



| FOOTAGE |       | DESCRIPTION   | Rec. Ft.      | Sample No. | Footage    |              | Sample Length | Assay     |     |               |    |    | Assay x Feet |    |    |  |  |
|---------|-------|---|---------------|------------|------------|--------------|---------------|-----------|-----|---------------|----|----|--------------|----|----|--|--|
| FROM    | TO    |   |               |            | From       | To           |               | Pb        | Zn  | Ag            | Au | Cu | Pb           | Zn | Ag |  |  |
| 0       | 42.5  | OVERBURDEN  |               |            |            |              |               |           |     |               |    |    |              |    |    |  |  |
| 42.5    | 100   | DARK GREY-BLACK GRAPHITIC PHYLLITE. Fine grained, micaceous. Thin quartz-feldspar laminae (1 mm) alternating with mica laminae. Local chlorite-sericite zones. Rock broken throughout section. Blebs of pyrite. Core angles: 45' = 75°; 60' = 55°; 80' = 56°; 100' = 72°  | 42.5/<br>57.5 | --         | 42.5       | 100          | --            |           |     |               |    |    |              |    |    |  |  |
| 100     | 144   | MEDIUM DARK GREY STRIPED QUARTZ-SERICITE-GRAPHITE PHYLLITE. Moderately graphitic. Quite striped, quartz-feldspar laminae (3 - 4 mm) altering with micaceous laminae. Minor pyrite. Core angles: 120' = 76°; 140' = 82°  | 95%           |            |            |              |               |           |     |               |    |    |              |    |    |  |  |
| 144     | 174   | DARK-GREY-BLACK STRIPED QUARTZ GRAPHITE PHYLLITE. Augen like lenses of quartz-feldspar boundined. Minor pyrite blebs. Core angles: 160' = 76°; 170' = 79°   | 28/<br>30     | --         | 144        | 174          | --            |           |     |               |    |    |              |    |    |  |  |
| 174     | 194   | MEDIUM GREY STRIPED QUARTZ-SERICITE-CHLORITE-GRAPHITE PHYLLITE. Well defined F <sub>2</sub> ; F <sub>1</sub> subvertical. Black graphitic lenses altering with quartz and less graphitic mica layers. Small scale F <sub>2</sub> fold. Core angles: 180' = 65°; 190 = 75°   | 17/<br>20     | --         | 174        | 194          | --            |           |     |               |    |    |              |    |    |  |  |
| 194     | 254.9 | SULPHIDE ZONE IN PALE-WHITE-GREENISH QUARTZ-SERICITE-CHORITE PHYLLITE. Mainly bands of pyrrhotite (0.5 - 6") in sericite phyllite which has abundant tension gashes in filled with pyrrhotite. Sulphide: 10% pyrrhotite, 2% pyrite, minor chalcopyrite, fine grained galena, and minor reddish spalerite (2 - 3% lead-zinc?). Note good-small-scale F <sub>2</sub> folds in phyllite. Note thin (2") veins of pyrrhotite, transgress foliation: others within F <sub>1</sub> ; 2 generations of mineral folds. Core angles: 200' = 77°; 220' = 70°; 240' = 80°; 260' = 64°; | 10.5/<br>10.5 | --         | 194<br>199 | 199<br>209.5 | --            | .43       | .58 | .15           |    |    |              |    |    |  |  |
|         |       |   | 6/6           | 210        | 209.5      | 215.5        | 6.0           | .04       | .20 | .06           |    |    |              |    |    |  |  |
|         |       |   | 6/6           | 211        | 235.5      | 241.5        | 6.0           | WK min. 1 |     | 2% pyrrhotite |    |    |              |    |    |  |  |
|         |       |   | 6.5/<br>6.5   | 212        | 241.5      | 248          | 6.5           | .10       | .36 | .03           |    |    |              |    |    |  |  |
|         |       |   | 5/5           | 213        | 248        | 253          | 5.0           | .28       | .80 | .09           |    |    |              |    |    |  |  |
|         |       |   |               |            |            |              |               | .08       | .67 | .12           |    |    |              |    |    |  |  |



