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CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: July 23, 1981

Hole Number: EA 81-SD-01

Reference Fabric Orientation Diagram:

Project: SWIM DEPOSIT

Location: SWIM Ridge

Claim: Swim 7

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords: L 60 W

25+00N

Elevation: ~ 1112 m

Total Depth: 654.4 m

Purpose: Find extension of Swim Deposit below thrust.

Reason hole Terminated: Mt. Myc Formation

Logged by: BYH

Date(s) Logged: 16/7/81 - 28/7/81

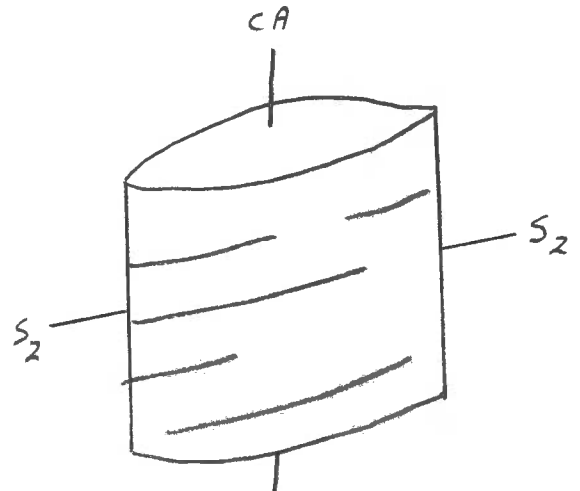
Drilling Contractor: Arctic

| Size | CORE From | To | Collar Cased and Capped: |
|-----------|-------------|--------------|--------------------------|
| <u>NQ</u> | <u>19.2</u> | <u>654.4</u> | <u>NO</u> |

Hole Cemented: NO

Steel down hole: NO

Started: 15/7/81 Completed: 26/7/81



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 183.

| Code | From | | To | | Recov. | | No. | | Unit | Description |
|------|------|----|------|----|--------|----|-----|-----|---------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | |
| L | 1200 | | 1192 | | | | | 11 | * | overburden. |
| L | 1192 | | 1199 | | | | | 12 | 51B141 | possibly S _{D4} , bleached appearance possibly due to ground water leaching S ₂ developed as a fracture cleavage. |
| L | 1199 | | 1208 | | | | | 13 | 51B141 | gouge and broken core fault attitude within this zone. 180/31 slickensides indicate transcurrent movement. |
| L | 1208 | | 1216 | | | | | 14 | 51B101 | calcareous bands |
| L | 1216 | | 1251 | | | | | 15 | 51B161 | F ₄ folds, S ₂ not very well developed |
| L | 1251 | | 1268 | | | | | 16 | 51B1213 | well developed F ₂ folds |
| L | 1268 | | 1269 | | | | | 17 | 51B121 | gouge zone |
| L | 1269 | | 1317 | | | | | 18 | 51B161 | minor pyrophyroblasts. |
| L | 1317 | | 1318 | | | | | 19 | 51B161 | possible pre D ₂ breccia zone, |
| L | 1318 | | 1343 | | | | | 110 | 51B1213 | S _B sequences in general appear more carbonaceous than at The D _Y , except for the lower portions near the ore zone. D ₂ dominant event. |
| L | 1343 | | 1345 | | | | | 111 | 51D131 | carbonate in matrix, |
| L | 1345 | | 1354 | | | | | 112 | 51B101 | |
| L | 1354 | | 1356 | | | | | 113 | 51D101 | chloritic patch associated with a quartz vein, crosscuts the foliation, inclusions of S _{B3} . |
| L | 1356 | | 1381 | | | | | 114 | 51B101 | abundant F ₅ folds, becoming carbonaceous towards the foot walls, abundant quartz veins. |
| L | 1381 | | 1423 | | | | | 115 | 51B1216 | gouge zone at hanging wall. |
| L | 1423 | | 1448 | | | | | 116 | 51B161 | |

| Code | From | To | Recov. | No. | Unit | Description | | | | | |
|------|------|------|--------|-----|--------|---|----|----|----|----|----|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 |
| L | 1448 | 1449 | | 117 | 5B61 | gouge zone | | | | | |
| L | 1449 | 1510 | | 118 | 5B61 | abundant F ₂ folds | | | | | |
| L | 1510 | 1520 | | 119 | 5C101 | pale green in colour, possible altered, flattened qtz filled amygdules present in the S ₂ foliation. quartz veins boudenaged. | | | | | |
| L | 1520 | 1532 | | 120 | 5B101 | | | | | | |
| L | 1532 | 1537 | | 121 | 5D101 | gradational with 5B, pale greenish-gray, well laminated. | | | | | |
| L | 1537 | 1576 | | 122 | 5C19 | pale green in colour, abundant quartz filled amygdules. amygdules flattened in the plane of the foliation. | | | | | |
| L | 1576 | 1592 | | 123 | 5D101 | same as #21, resembles the SD of 80SD-01 at top of hole. | | | | | |
| L | 1592 | 1646 | | 124 | 5B61 | gouge zone slickensides indicate transcurrent movement, 0/65 Fault plane 90/5' for the slickensides | | | | | |
| L | 1646 | 1718 | | 125 | 5B61 | minor bands of massive pyrite, which are post D ₂ as they crosscut the foliation. | | | | | |
| L | 1718 | 1731 | | 126 | 5FA01 | interbanded sequence of dominately SF with minor bands of SBZ, or SA, sequence may be a fold repeat. Large scale F ₁ folds visible, minor bands of stratiform py with a quartz matrix ~ 1 cm wide. | | | | | |
| L | 1731 | 1716 | | 127 | 5B61 | slightly carbonaceous, minor py-quartz bands, ~ 2 cm wide. | | | | | |
| L | 1716 | 1719 | | 128 | 5B216 | | | | | | |
| L | 1719 | 1810 | | 129 | 5B1216 | zone of gouge and broken core. Fault upper contact 315/68 slickensides indicate transcurrent | | | | | |

| Code | From | | | | To | | | | Recov. | No. | Unit | Description |
|------|-------|----|-------|----|----|----|----|----|--------|-------|--|-------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | |
| L | 11116 | 5 | 11116 | 9 | | | | | 147 | 5B101 | gouge zone, and post D ₂ breccia, angular blocks. | |
| L | 11116 | 9 | 11117 | 2 | | | | | 148 | 5B01 | minor disseminated py porphyroblasts, dominately D ₂ folding, | |
| L | 11117 | 2 | 11117 | 7 | | | | | 149 | 5C101 | similar to #34, however the amygdules have a more angular shape than in most other cases, in addition the matrix is almost entirely composed of phyllosilicates (sp) lacking the massive texture commonly seen in the field, possibly this rock is not a flow rather a dacite with mafic phenocrysts or a dacite with mafic clasts, rock distinctly lacks the quartz in intergranular texture. | |
| L | 11117 | 7 | 11318 | 7 | | | | | 510 | 5B101 | typical 5B0, relatively unmetamorphosed in comparison to the D ₁ . | |
| L | 11318 | 7 | 11410 | 2 | | | | | 511 | 5B101 | zone of broken core and gouge, very poor attitude determination indicates 0/45° | |
| L | 11410 | 2 | 11410 | 9 | | | | | 512 | 5B101 | | |
| L | 11410 | 9 | 11412 | 0 | | | | | 513 | 5B123 | interbanded 5D & 5C, prec D ₂ breccia at the hanging wall, possible fault. | |
| L | 11412 | 0 | 11510 | 3 | | | | | 514 | 5C131 | in general has a more massive texture, more typical of 5C than #49, minor chloritic patches possibly amygdules | |
| L | 11510 | 3 | 11510 | 6 | | | | | 515 | 5D135 | well laminated texture, | |

Lithologic Log

Date: 23/7/81 Logged By: BYH

| Core | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|--------|--------|-----|---------|--|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| | | | | | | carbonate bands abundant. |
| L | 115106 | 11525 | | 156 | 51F12 | gradational with SB23, very dark carbonates, fine grains of py disseminated throughout |
| L | 115125 | 115130 | | 157 | 51A10 | gouge zone |
| L | 115130 | 115162 | | 158 | 51A10 | gradational with SB26 |
| L | 115162 | 115163 | | 159 | 51A10 | gouge zone. |
| L | 115163 | 115172 | | 160 | 51BR13 | slightly calcareous in matrix. |
| L | 115172 | 115186 | | 161 | 51A11 | pre D ₂ breccia, typical SAx bonded gtz clasts. |
| L | 115186 | 115195 | | 162 | 51B1716 | pale green chlorite / sericite, interbedded with SB6. appears brecciated in places pre D ₂ . |
| L | 115195 | 117190 | | 163 | 51B10 | gradational to SB73, slight greenish cast to the rock minor po porphyroblasts. |
| L | 117190 | 117196 | | 164 | 51B73 | |
| L | 117196 | 118124 | | 165 | 51D131 | typical SD of DY |
| L | 118124 | 118135 | | 166 | 51B73 | well laminated, |
| L | 118135 | 118140 | | 167 | 51D31 | same as #65 |
| L | 118140 | 118147 | | 168 | 51B73 | same as #66 |
| L | 118147 | 118193 | | 169 | 51D131 | same as #65 |
| L | 118193 | 119170 | | 170 | 51B73 | gradational with SB0 |
| L | 119170 | 11980 | | 171 | 51B41 | bleached, has the textural appearance of SB0. |
| L | 11980 | 11981 | | 172 | 51B41 | gouge: 0/41° |
| L | 11981 | 11990 | | 173 | 51D31 | well laminated. |
| L | 11990 | 120147 | | 174 | 51B10 | |
| L | 120147 | 120167 | | 175 | 51D135 | well laminated. |
| L | 120167 | 120982 | | 176 | 51D10 | |
| L | 12082 | 12097 | | 177 | 51B0 | |
| L | 12097 | 121108 | | 178 | 51D0 | gouge zone, well laminated bleached, perhaps due to fault. 0/65° |
| L | 121108 | 121184 | | 179 | 51B10 | very calcareous |

| Code | From | | | | To | | | | Recov. | No. | Unit | Description |
|------|--------|----|--------|----|----|----|----|----|--------|------|-------|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | |
| L | 12118 | 4 | 12119 | 7 | | | | | | 1810 | 5F01 | non calcareous, zone of broken core. |
| L | 12119 | 7 | 121310 | 7 | | | | | | 1811 | 5C131 | same as #54, disseminated carbonate grains. |
| L | 121310 | 7 | 121319 | 4 | | | | | | 1812 | 5D101 | slightly bleached, fine veinlets of po enclosed in quartz. RESEMBLES 463 |
| L | 121319 | 4 | 121410 | 7 | | | | | | 1813 | 5B161 | no lithon structures visible, resembles 3C in appearance. minor bands of pyrite and quartz, gradational to 5B26 at the footwall. |
| L | 121410 | 7 | 12427 | | | | | | | 1814 | 5B216 | gradational to 5A0. |
| L | 121427 | | 12430 | | | | | | | 1815 | 5D101 | abundant qtz veining, possibly metasomatic in origin |
| L | 121430 | | 121490 | | | | | | | 1816 | 5A101 | small laminations of py-quartz pseudo-ribbon-banded. |
| L | 121490 | | 121492 | | | | | | | 1817 | 5A101 | gouge zone 0/65 |
| L | 121492 | | 121518 | 5 | | | | | | 1818 | 5A101 | same as #85 |
| L | 121518 | 5 | 121518 | 7 | | | | | | 1819 | 5D131 | minor carbonate laminations. |
| L | 121518 | 7 | 121610 | 9 | | | | | | 1910 | 5A101 | same as #85 py-qtz laminations |
| L | 121610 | 9 | 121611 | 4 | | | | | | 1911 | 5A101 | gouge zone. |
| L | 121611 | 4 | 121617 | 0 | | | | | | 1912 | 5A101 | same as #85 |
| L | 121617 | 0 | 121617 | 4 | | | | | | 1913 | 5A101 | gouge zone hanging wall 270/40°, footwall 0/50° |
| L | 121617 | 4 | 121717 | 3 | | | | | | 1914 | 5A101 | same as #85 |
| L | 121717 | 3 | 121717 | 7 | | | | | | 1915 | 5A0 | gouge zone 0/65° |
| L | 121717 | 7 | 121815 | 8 | | | | | | 1916 | 5A101 | same as #85 |
| L | 121815 | 8 | 121816 | 2 | | | | | | 1917 | 5A101 | gouge zone 0/58' |
| L | 121816 | 2 | 121819 | 0 | | | | | | 1918 | 5A101 | same as #85 |
| L | 121819 | 0 | 121911 | 7 | | | | | | 1919 | 5A101 | extensive zone of fault gouge. 0/70° hanging wall 45°/40 good contact, slickensides. 90/40 |
| L | 121911 | 7 | 121912 | 2 | | | | | | 1910 | 5E9 | well laminated, carbonaceous bands present. |

Lithologic Log

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| Code | From | | | | To | | | | Recov. | No. | Unit | Description | | | |
|------|------|----|----|----|----|----|----|----|--------|-----|------|-------------|------|--------|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | | 30 | 34 | 35 |
| L | 129 | 12 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1101 | 51A01 | fault gouge. 0/81° slickensides. 90/81° |
| L | 129 | 13 | 15 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1102 | 13G3 | slightly calcareous in matrix, fault gouge in hanging wall. 0/28° slickensides 90°/15 |
| L | 130 | 10 | 17 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1103 | 13143 | fault gouge hanging wall 10/65° slickensides 10/65° |
| L | 130 | 11 | 10 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1104 | 131G0 | finely laminated, lacks lithon structures, |
| L | 130 | 16 | 18 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1105 | 131B4 | chloritic, appears to be bleached, minor fault gouge |
| L | 130 | 19 | 13 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1106 | 131G0 | |
| L | 131 | 10 | 15 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1107 | 131B0 | |
| L | 131 | 11 | 12 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1108 | 131E01 | |
| L | 132 | 10 | 18 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1109 | 131B31 | appears to be a crystal tuff, small clasts disseminated throughout which have been carbonated, minor biotitic laminations hanging wall and footwall gradational over 5 cm. |
| L | 132 | 11 | 16 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1110 | 131G0 | minor laminations of biotite, and diopside, grading into a calc-silicate at the footwall |
| L | 133 | 18 | 12 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1111 | 131D4 | thin laminations of bt, with alternating bands of carbonate and diopside, gouge zone. |
| L | 134 | 11 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1112 | 131D4 | minor biotitic laminations. |
| L | 134 | 11 | 16 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1113 | 131G0 | minor biotitic laminations. |
| L | 135 | 17 | 12 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1114 | 131F0 | lessor phyllitic laminations. |
| L | 135 | 17 | 15 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1115 | 131D4 | similar to #110. |
| L | 135 | 18 | 11 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1116 | 131G0 | |
| L | 136 | 10 | 17 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1117 | 131D4 | |
| L | 136 | 11 | 15 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1118 | 131G0 | |
| L | 137 | 26 | 13 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | 1119 | 131B31 | more chloritic than #116, minor |

| Core | From | | To | | Recov. | | | No. | | | Unit | Description |
|------|-------|----|-------|----|--------|----|----|------|----|--------|------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | | |
| | | | | | | | | | | | | biotite laminations, calcareous laminations, resembles SD3 |
| L | 13742 | | 13762 | | | | | 1210 | | 131401 | | minor biotite laminations |
| L | 13762 | | 13807 | | | | | 1211 | | 131831 | | resembles SD3 (DY) in appearance. |
| L | 13807 | | 13905 | | | | | 1212 | | 13140 | | minor bt laminations, |
| L | 13905 | | 13913 | | | | | 1213 | | 131831 | | similar to #119, minor biotitic laminations. |
| L | 13913 | | 13963 | | | | | 1214 | | 131401 | | |
| L | 13963 | | 13967 | | | | | 1215 | | 131831 | | similar to #119. |
| L | 13967 | | 14010 | | | | | 1216 | | 13149 | | |
| L | 14010 | | 14010 | | | | | 1217 | | 131831 | | similar to #119. |
| L | 14010 | | 14023 | | | | | 1218 | | 13149 | | |
| L | 14023 | | 14027 | | | | | 1219 | | 131831 | | similar to #119 |
| L | 14027 | | 14354 | | | | | 1310 | | 13149 | | minor biotitic bands |
| L | 14354 | | 14365 | | | | | 1311 | | 131831 | | similar to #119, more biotitic though, |
| L | 14365 | | 14415 | | | | | 1312 | | 131401 | | chloritic, |
| L | 14415 | | 14524 | | | | | 1313 | | 131491 | | carbonaceous laminations |
| L | 14524 | | 14540 | | | | | 1314 | | 131401 | | |
| L | 14540 | | 14542 | | | | | 1315 | | 131401 | | gouge zone footwall 0/50 |
| L | 14542 | | 14777 | | | | | 1316 | | 13149 | | |
| L | 14777 | | 14781 | | | | | 1317 | | 131831 | | similar #119 |
| L | 14781 | | 14915 | | | | | 1318 | | 131401 | | silicified zone at 460.0 - 460.6 minor biotite laminations |
| L | 14915 | | 14916 | | | | | 1319 | | 131801 | | resembles #119 except it completely lacks the carbonate laminations, possibility of actinolite- diopside in matrix as the unit is in general harder than normal 3B, possibly the increased metamorphic grade is converting carbonate to calc-silicate minerals |

| Core | From | | To | | Recov. | No. | Unit | Description | | |
|------|------|-----|-----|-----|--------|------|--------|--|----|----|
| | 10 | 14 | 16 | 20 | | | | | 22 | 24 |
| L | 149 | 167 | 151 | 145 | | 1140 | 13G4 | variably chloritic in places, minor quartz veins. | | |
| L | 151 | 145 | 151 | 155 | | 1141 | 13G9 | small bt porphyroblasts, disseminated throughout | | |
| L | 151 | 155 | 151 | 175 | | 1142 | 13G8 | possibly 3D1 however the overall finely laminated texture more resembles 3G | | |
| L | 151 | 175 | 153 | 149 | | 1143 | 13D161 | slickensides at hanging wall contact indicating vertical movement, banded phyllitic bands, enclosed in carbonate, variable between 3D5 & 3D7. | | |
| L | 153 | 149 | 151 | 141 | | 1144 | 13D161 | slightly calcareous, pale green in colour, fault surface at hanging wall. 0/40, post D ₂ clests brecciated, footwall contact gradational. | | |
| L | 151 | 141 | 151 | 124 | | 1145 | 13C101 | hanging wall contact sharp, resembles 3D1 in appearance, footwall contact sharp also, rock is very hard due to actinolite-diopside. | | |
| L | 151 | 142 | 151 | 143 | | 1146 | 13D161 | | | |
| L | 151 | 143 | 151 | 146 | | 1147 | 13C101 | similar to #143 | | |
| L | 151 | 146 | 151 | 101 | | 1148 | 13D61 | gradational to 3D5 towards the footwall | | |
| L | 151 | 101 | 161 | 180 | | 1149 | 13D51 | biotitic bands less frequent than #146. | | |
| L | 161 | 180 | 161 | 110 | | 1150 | 13F01 | minor disseminated garnets in frequent bt laminations | | |
| L | 161 | 110 | 161 | 180 | | 1151 | 13D61 | gradational to 3D5 | | |

Lithologic Log

Date: 30/7/81 Logged By: BYH

| Core | From | | To | | Recov. | | No. | | Unit | | Description |
|------|-------|----|-------|----|--------|----|------|--------|------|----|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | |
| L | 16118 | 0 | 16119 | 3 | 1 | 1 | 1512 | 131F10 | | | similar to 148 |
| L | 16119 | 5 | 16121 | 2 | 1 | 1 | 1513 | 131D61 | | | |
| L | 16121 | 2 | 16153 | 7 | 1 | 1 | 1514 | 131G10 | | | typical 3G0, minor bt laminations |
| L | 16153 | 7 | 16153 | 9 | 1 | 1 | 1515 | 131B10 | | | minor gouge zone and Fs folds, fault 0/30° chloritic zone appears to be more a product of alteration along the fault as opposed to it being a different stratigraphic unit. |
| L | 16153 | 9 | 16154 | 4 | 1 | 1 | 1516 | 131K10 | | | same as #152 |
| | | | | | | | | | | | END OF HOLE |

Structural Log

| Code | From | | | To | | | Feature | SYM | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|-------|----|----|---------|-----|----------------|----|----------------|---------|----------------|---------|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | | | 26 | 28 | Dip | Direct. | Dip | Direct. | |
| S | | | | 19.2 | | | CIS12 | | | | | | 510 | 11815 | 0 to 19.2 overburden. F ₅ fold. 0/41° |
| S | | | | 26.5 | | | CIS12 | | | | 318 | 11810 | 512 | | |
| S | | | | 31.5 | | | CIS12Z | | | | 310 | 11810 | 47 | | |
| S | | | | 33.5 | | | CIS12S | | | | | | 510 | | F ₅ fold 180/55 |
| S | | | | 37.8 | | | CIS12 | | | | 810 | 11810 | 614 | | |
| S | | | | 44.8 | | | CIS12 | | | | 310 | 1010 | 611 | | |
| S | | | | 51.8 | | | CIS12 | | | | 810 | 11810 | 615 | | |
| S | | | | 53.8 | | | CIS12Z | | | | 815 | 1010 | 70 | | |
| S | | | | 58.0 | | | R | | | | 317 | 1010 | 615 | | |
| S | | | | 64.6 | | | CIS12 | | | | | | 415 | | |
| S | | | | 70.0 | | | CIS12Z | | | | 515 | 1010 | 73 | | |
| S | | | | 74.3 | | | CIS12S | | | | | | 49 | | |
| S | | | | 81.9 | | | CIS12Z | | | | 319 | 1010 | 416 | | |
| S | | | | 89.8 | | | PIS12R | | | | | | 515 | | |
| S | | | | 94.5 | | | CIS12 | | | | 715 | 1010 | 610 | | |
| S | | | | 101.2 | | | CIS12 | | | | 710 | 11810 | 717 | | |
| S | | | | 104.4 | | | CIS12Z | | | | | | 70 | | |
| S | | | | 111.2 | | | CIS12 | | | | 415 | 1010 | 73 | | |
| S | | | | 111.7 | | | CIS12 | | | | 310 | 1010 | 615 | | |
| S | | | | 123.6 | | | CIS12S | | | | | | 70 | | |
| S | | | | 126.8 | | | CIS12D | | | | | | 617 | | |
| S | | | | 132.0 | | | CIS12Z | | | | 410 | 1010 | 56 | | |
| S | | | | 137.5 | | | CIS12 | | | | | | 518 | | |
| S | | | | 140.6 | | | CIS12S | | | | | | 25 | | |
| S | | | | 146.3 | | | PIS12 | | | | | | 45 | | |
| S | | | | 150.4 | | | PIS12R | | | | | | 77 | | |
| S | | | | 156.6 | | | CIS12 | | | | | | 810 | | |
| S | | | | 159.5 | | | CIS12M | | | | | | 410 | | |
| S | | | | 165.2 | | | CIS12 | | | | 710 | 1910 | 76 | | |
| S | | | | 171.3 | | | CIS12Z | | | | 815 | 11815 | 615 | | F ₅ fold 270/5 |
| S | | | | 174.6 | | | CIS12M | | | | | | 73 | | Mixed symmetry, M region F ₅ fold 90/15 |
| S | | | | 178.4 | | | CIS12Z | | | | 310 | 11810 | 615 | | |
| S | | | | 185.0 | | | CIS12S | | | | 415 | 1010 | 70 | | |

Structural Log

| Code | From | | | | To | | | | Feature | SYM | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|------|----|-------|----|----|---------|-----|----------------|------|----------------|----|----------------|--|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | | |
| S | | | | 1187 | Z | CIS12 | Z | | | | 810 | 1810 | 710 | | | | |
| S | | | | 1195 | S | CK12 | S | | | | | | 715 | | | | |
| S | | | | 1210 | Z | CIS12 | | | | | 510 | 1810 | 713 | | | | |
| S | | | | 1205 | M | CIS12 | M | | | | | | 715 | | | | |
| S | | | | 1216 | S | CK12 | S | | | | 617 | 1810 | 715 | | | | F ₃ fold 0/45 |
| S | | | | 1211 | Z | CK12 | Z | | | | 415 | 1010 | 712 | | | | |
| S | | | | 1211 | S | CK12 | S | | | | | | 717 | | | | |
| S | | | | 1211 | M | CK12 | M | | | | | | 715 | | | | |
| S | | | | 1225 | R | PK12 | R | | | | | | 710 | | | | |
| S | | | | 1228 | Z | CIS12 | Z | | | | 418 | 1810 | 619 | | | | |
| S | | | | 1231 | S | CK12 | S | | | | | | 714 | | | | |
| S | | | | 1236 | R | PK12 | R | | | | 310 | 1010 | 710 | | | | |
| S | | | | 1239 | M | CIS12 | M | | | | | | 715 | | | | |
| S | | | | 1244 | Z | CIS12 | Z | | | | 515 | 1010 | 719 | | | | |
| S | | | | 1249 | S | CK12 | S | | | | | | 717 | | | | F ₃ fold 00/65 typical wrench fold slickensides at both sides of the fold. |
| S | | | | 1253 | Z | CIS12 | Z | | | | 515 | 1010 | 615 | | | | |
| S | | | | 1258 | | CK12 | | | | | 415 | 1010 | 610 | | | | |
| S | | | | 1263 | S | CK12 | S | | | | | | 813 | | | | |
| S | | | | 1270 | Z | CIS12 | Z | | | | 510 | 1810 | 716 | | | | F ₃ fold 180/10 |
| S | | | | 1275 | | CIS12 | | | | | | | 313 | | | | |
| S | | | | 1279 | S | CK12 | S | | | | 311 | 1010 | 713 | | | | |
| S | | | | 1281 | Z | CIS12 | Z | | | | 010 | 1010 | 713 | | | | |
| S | | | | 1287 | | CIS12 | | | | | 515 | 1210 | 718 | | | | |
| S | | | | 1289 | S | CK12 | S | | | | | | 712 | | | | |
| S | | | | 1298 | | | R | | | | | | 610 | | | | gouge zone |
| S | | | | 1304 | | PK12 | | | | | | | 615 | | | | |
| S | | | | 1311 | | PK12 | | | | | | | 714 | | | | |
| S | | | | 1316 | | PK12 | | | | | | | 813 | | | | |
| S | | | | 1322 | | PK12 | | | | | | | 710 | | | | |
| S | | | | 1328 | | PK12 | | | | | | | 717 | | | | |
| S | | | | 1334 | | PK12 | | | | | | | 715 | | | | |
| S | | | | 1339 | | PK12 | P | | | | | | 717 | | | | |
| S | | | | 1347 | | CIS12 | S | | | | | | 815 | | | | |

Structural Log

| Code | From | | | | To | | | | Feature | S/E | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|-------|----|-------|----|----|---------|-----|----------------|------|----------------|-----|----------------|----------------------------|-------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | | |
| S | | | | 13513 | 7 | CIS12 | Z | | | | 415 | 1910 | 810 | | | | |
| S | | | | 13519 | 3 | CIS12 | S | | | | | | | 815 | | | |
| S | | | | 13616 | 4 | PIS12 | P | | | | 615 | 1010 | 813 | | | | |
| S | | | | 13711 | 0 | CIS12 | S | | | | | | | 815 | | | |
| S | | | | 13715 | 8 | PIS12 | | | | | | | | 815 | | | |
| S | | | | 13811 | 8 | PIS12 | | | | | | | | 811 | | | |
| S | | | | 13818 | 1 | PIS12 | | | | | | | | 816 | | | |
| S | | | | 13914 | 4 | PIS12 | | | | | | | | 815 | | | |
| S | | | | 14010 | 5 | PIS12 | | | | | | | | 812 | | | |
| S | | | | 14016 | 7 | PIS12 | | | | | | | | 813 | | | |
| S | | | | 14113 | 0 | CIS12 | P | | | | 510 | 1010 | 715 | | | | |
| S | | | | 14116 | 4 | CIS12 | S | | | | 510 | 1010 | 810 | | | | |
| S | | | | 14212 | 7 | PIS12 | | | | | | | | 812 | | | |
| S | | | | 14218 | 8 | PIS12 | | | | | | | | 813 | | F _s fold 180/30 | |
| S | | | | 14314 | 9 | PIS12 | | | | | | | | 715 | | | |
| S | | | | 14411 | 4 | PIS12 | | | | | | | | 710 | | | |
| S | | | | 14414 | 1 | PIS12 | P | | | | | | | 717 | | | |
| S | | | | 14416 | 7 | CIS12 | D | | | | | | | 815 | | | |
| S | | | | 14513 | 2 | PIS12 | | | | | | | | 815 | | | |
| S | | | | 14519 | 3 | PIS12 | | | | | | | | 813 | | | |
| S | | | | 14615 | 4 | PIS12 | | | | | | | | 815 | | | |
| S | | | | 14711 | 5 | PIS12 | P | | | | | | | 813 | | | |
| S | | | | 14718 | 6 | CIS12 | | | | | 615 | 1010 | 715 | | | | |
| S | | | | 14811 | 8 | CIS12 | S | | | | | | | 718 | | | |
| S | | | | 14815 | 5 | CIS12 | Z | | | | | | | 813 | | | |
| S | | | | 14819 | 8 | PIS12 | | | | | | | | 811 | | | |
| S | | | | 14915 | 9 | PIS12 | | | | | 910 | 1010 | 810 | | | | |
| S | | | | 15012 | 0 | PIS12 | | | | | | | | 815 | | | |
| S | | | | 15018 | 1 | PIS12 | | | | | | | | 910 | | | |
| S | | | | 15113 | 0 | PIS12 | | | | | 610 | 1010 | 810 | | | | |
| S | | | | 15119 | 0 | PIS12 | | | | | | | | 812 | | | |
| S | | | | 15215 | 2 | PIS12 | | | | | | | | 811 | | | |
| S | | | | 15311 | 2 | PIS12 | | | | | | | | 813 | | | |
| S | | | | 15317 | 6 | PIS12 | | | | | | | | 613 | | | |
| S | | | | 15413 | 7 | PIS12 | | | | | | | | 810 | | | |
| S | | | | 15419 | 8 | PIS12 | | | | | | | | 713 | | | |

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 16

Date: 17/8/81

Hole Number: EA 81 - SD - 02

Reference Fabric Orientation Diagram:

Project: SWIM

Location: SWIM RIDGE

Claim: Swim #1

Terr. Plane Co-ords.: _____ N

_____ E

Grid Co-ords: L4W

8N

Elevation: 21039 m

Total Depth: 859.9

Purpose: Test Favourable stratigraphy, Find Fault. + hat occurs south of the Swim Deposit.

Reason hole Terminated: Mt. Myc formation.

Logged by: BVH

Date(s) Logged: 5/8/81 18/8/81

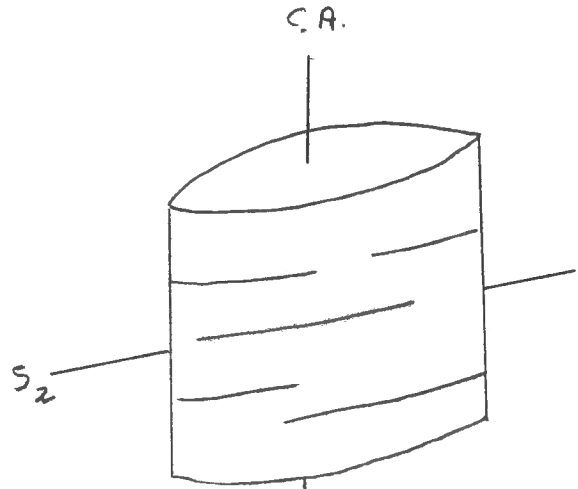
Drilling Contractor: ARCTIC

| | | | |
|-----------|---------------------|--------------|---------------------------------------|
| Size | <u>CORE</u> From | To | Collar Cased and Capped: <u>NO</u> |
| <u>NQ</u> | <u>31.1</u> | <u>859.9</u> | |

Hole Cemented: No

Steel down hole: No

Started: 27/7/81 Completed: 15/8/81



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 183.

Lithologic Log

Date: 5/8/81 Logged By: BYH

| Code | From | | | | To | | | | Recov. | No. | Unit | Description |
|------|----------|----------|----|----|----|----|----|----|--------|-----------|---|-------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | |
| L | 100 | 131 | 1 | | | | | | 1 | * | overburden | |
| L | 131 | 139 | 0 | | | | | | 12 | 11010191 | altered due to groundwater and deuteric alteration. | |
| L | 139 | 141 | 7 | | | | | | 13 | 110101918 | plag & kspar altered to kaolinite. | |
| L | 141 | 142 | 8 | | | | | | 14 | 110101918 | Fault zone angle to core axis ~10°. | |
| L | 142 | 149 | 2 | | | | | | 15 | 11010191 | weathered core, similar to #2. | |
| L | 149 | 151 | 4 | | | | | | 16 | 11010191 | same as #5, zone of broken core. | |
| L | 151 | 153 | 0 | | | | | | 17 | 5B6 | brecciated and silicified core, post D ₂ . | |
| L | 153 | 1610 | 8 | | | | | | 18 | 5B6 | numerous qtz veins, post D ₂ , gouge zone, minor F ₃ folds adjacent to the gouge zone | |
| L | 1610 | 1610 | 9 | | | | | | 19 | 5B6 | Fault 0/48°. | |
| L | 1610 | 1619 | 2 | | | | | | 110 | 5B6 | same as #8 | |
| L | 1619 | 1619 | 4 | | | | | | 111 | 5B6 | fault zone 0/5° | |
| L | 1619 | 1711 | 1 | | | | | | 112 | 5B6 | | |
| L | 1711 | 1711 | 3 | | | | | | 113 | 5B6 | fault zone, 0/20° | |
| L | 1711 | 1719 | 7 | | | | | | 114 | 5B10 | slightly calcareous. | |
| L | 1719 | 1810 | 7 | | | | | | 115 | 5B10 | gouge zone hanging wall fault 310/55 | |
| L | 1810 | 1948 | 8 | | | | | | 116 | 5B10 | slickensides 215/40° minor disseminated po & py grains. | |
| L | 1948 | 1952 | | | | | | | 117 | 5B0 | fault zone, 00/0° | |
| L | 1952 | 11010182 | | | | | | | 118 | 5B10 | | |
| L | 11010182 | 11010188 | | | | | | | 119 | 5B10 | fault zone 0/45° slickensides 0/45° | |
| L | 11010188 | 11111 | 1 | | | | | | 120 | 5B10 | | |
| L | 11111 | 11111 | 8 | | | | | | 121 | 5B10 | gouge zone. | |
| L | 11111 | 11211 | 6 | | | | | | 122 | 5B10 | po & py porphyroblasts | |
| L | 11211 | 11211 | 7 | | | | | | 123 | 5B10 | fault gouge 00/0 | |
| L | 11211 | 11212 | 5 | | | | | | 124 | 5B10 | | |

| Code | From | | | | To | | | | Recov. | No. | Unit | Description |
|------|-------|----|-------|----|----|----|----|----|--------|-----|--------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | |
| L | 11212 | 5 | 11213 | 1 | | | | | | 125 | 5B10 | zone of post D ₂ breccia, gouge zone at footwall. |
| L | 11213 | 1 | 11213 | 9 | | | | | | 126 | 5B16 | |
| L | 11213 | 9 | 11214 | 6 | | | | | | 127 | 5A10 | zone of broken core. |
| L | 11214 | 6 | 11215 | 9 | | | | | | 128 | 5B213 | - SB231 thin laminations of quartz & carbonate. grading into 5A0 at footwall |
| L | 11215 | 9 | 11310 | 1 | | | | | | 129 | 5A13 | minor laminations of py not quite 5A19, |
| L | 11310 | 1 | 11310 | 3 | | | | | | 130 | 5A31 | gouge zone, footwall contact 65° to core axis. |
| L | 11310 | 3 | 11311 | 6 | | | | | | 131 | 10D219 | 10D298 Feldspers altered to kaolinite & mintmerillonite, |
| L | 11311 | 6 | 11312 | 7 | | | | | | 132 | 5D131 | |
| L | 11312 | 7 | 11313 | 9 | | | | | | 133 | 5A0 | minor laminated py, grading into 5A19. |
| L | 11313 | 9 | 11316 | 1 | | | | | | 134 | 5D131 | slightly calcareous |
| L | 11316 | 1 | 11410 | 7 | | | | | | 135 | 5C131 | gradational from #34 ^{min.°°} pink kaol. etc. |
| L | 11410 | 7 | 11412 | 3 | | | | | | 136 | 5D131 | gradational with #35, similar to #34 disseminated |
| L | 11412 | 3 | 11418 | 4 | | | | | | 137 | 5D10 | carbonate grains, possibly a crystal tuff, carbonate content variable. |
| L | 11418 | 4 | 11419 | 7 | | | | | | 138 | 5D131 | similar to #37 except its calcareous. |
| L | 11419 | 7 | 11615 | 4 | | | | | | 139 | 5D10 | similar to #37, in places slightly calcareous, disseminated carbonate clasts, resembles a crystal tuff. |
| L | 11615 | 4 | 11617 | 0 | | | | | | 140 | 5D131 | similar to #38. |
| L | 11617 | 0 | 11712 | 9 | | | | | | 141 | 5C131 | massive texture, minor carbonate clasts. |
| L | 11712 | 9 | 11713 | 9 | | | | | | 142 | 5D10 | |
| L | 11713 | 9 | 11716 | 0 | | | | | | 143 | 5A31 | gradational with SB23. |
| L | 11716 | 0 | 11716 | 5 | | | | | | 144 | 5D0 | py & po grains, gradational |

| Code | From | | To | | Recov. | | No. | | Unit | | Description |
|------|--------|----|--------|----|--------|----|-----|-----|---------|----|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | |
| | | | | | | | | | | | contact with #43 over 20 cm. |
| L | 11716 | 5 | 121012 | 2 | | | | 145 | 151C131 | | disseminated carbonate grains, |
| L | 121012 | 2 | 121015 | 1 | | | | 146 | 151D101 | | |
| L | 121015 | 1 | 121019 | 4 | | | | 147 | 151D131 | | fine carbonate lamination |
| L | 121019 | 4 | 121110 | 7 | | | | 148 | 151B01 | | slightly calcareous. |
| L | 121110 | 7 | 121110 | 9 | | | | 149 | 151B01 | | gouge zone 00/90° |
| L | 121110 | 9 | 121116 | 8 | | | | 150 | 151B19 | | |
| L | 121116 | 8 | 121116 | 9 | | | | 151 | 151B01 | | gouge zone 0/65° Slickensides 0/65° |
| L | 121116 | 9 | 121118 | 8 | | | | 152 | 151B101 | | |
| L | 121118 | 8 | 121210 | 7 | | | | 153 | 151B101 | | gouge zone, 110/40° Slickensides 110/30° |
| L | 121210 | 7 | 121211 | 6 | | | | 154 | 151B101 | | |
| L | 121211 | 6 | 121212 | 6 | | | | 155 | 151B101 | | gouge zone. footwall contact. 0/30° |
| L | 121212 | 6 | 121214 | 5 | | | | 156 | 151B101 | | slight greenish cast. |
| L | 121214 | 5 | 121215 | 9 | | | | 157 | 151B101 | | gouge zone. |
| L | 121215 | 9 | 121412 | 4 | | | | 158 | 151B01 | | same as #56. |
| L | 121412 | 4 | 121412 | 6 | | | | 159 | 151B101 | | gouge zone 0/90° |
| L | 121412 | 6 | 121513 | 9 | | | | 160 | 151B101 | | same as #56. |
| L | 121513 | 9 | 121514 | 0 | | | | 161 | 151B01 | | gouge zone. 0/45° |
| L | 121514 | 0 | 121810 | 6 | | | | 162 | 151B101 | | same as #56. |
| L | 121810 | 6 | 121810 | 8 | | | | 163 | 151B101 | | gouge zone 0/80° |
| L | 121810 | 8 | 121914 | 6 | | | | 164 | 151B01 | | same as #56. |
| L | 121914 | 6 | 121914 | 8 | | | | 165 | 151B101 | | gouge zone. |
| L | 121914 | 8 | 131019 | 2 | | | | 166 | 151B01 | | same as #56 po porphyroblasts. |
| L | 131019 | 2 | 131019 | 3 | | | | 167 | 151B01 | | gouge zone. 0/45° |
| L | 131019 | 3 | 131214 | 6 | | | | 168 | 151B101 | | slightly darker green in colour, more chloritic?? |
| L | 131214 | 6 | 131216 | 6 | | | | 169 | 151B61 | | qtz lithons, minor bt. |
| L | 131216 | 6 | 131617 | 3 | | | | 170 | 151B101 | | slightly darker in colour gradational with SB23. over 1.0 m intervals. |
| L | 131617 | 3 | 131618 | 8 | | | | 171 | 151B203 | | gouge zone at hanging wall. 0/10° gradational with #70 |

| Core | From | To | Recov. | No. | Unit | Description | | | | | | |
|------|--------|--------|--------|-----|------|-------------|----|----|-----|-------|----|--|
| 1 | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | 30 | 34 | 35 | |
| | | | | | | | | | | | | footwall portions siliceous bands. |
| L | 131618 | 131619 | | | | | | | 172 | 5B213 | | gauge zone. 0/60° slicken sides 90/60° |
| L | 131619 | 131715 | | | | | | | 173 | 5B213 | | same as #71 |
| L | 131715 | 131769 | | | | | | | 174 | 5A13 | | carbonaceous concretions, nodules?? minor carbonate bands up to 10 cm. laminations either cut through these nodules, or are concentric. |
| L | 131769 | 131812 | | | | | | | 175 | 5B213 | | carbonaceous nodules. minor bands of SES. po grains in the center thin carbonate laminations. |
| L | 131812 | 131844 | | | | | | | 176 | 5D131 | | very calcareous, minor bands of SES. minor laminations of po. |
| L | 131844 | 131874 | | | | | | | 177 | 5A131 | | |
| L | 131874 | 131889 | | | | | | | 178 | 5B101 | | |
| L | 131889 | 131920 | | | | | | | 179 | 5D101 | | abundant qtz veins. possibly metasomatic in origin. |
| L | 131920 | 131927 | | | | | | | 180 | 5B161 | | |
| L | 131927 | 131931 | | | | | | | 181 | 5B101 | | |
| L | 131931 | 131944 | | | | | | | 182 | 5D101 | | similar to #79 except the quartz content is significantly decreased. |
| L | 131944 | 131958 | | | | | | | 183 | 5A101 | | quartz-ankerite veins. interbanded SD3 bands at the footwall. |
| L | 131958 | 131968 | | | | | | | 184 | 5D3 | | |
| L | 131968 | 131990 | | | | | | | 185 | 5A101 | | thinly laminated, slightly siliceous. |
| L | 131990 | 131997 | | | | | | | 186 | 5D31 | | gauge zone at honing wall, ~ 5cm wide. |
| L | 131997 | 141011 | | | | | | | 187 | 5A91 | | slightly siliceous, minor py |

| Code | From | | To | | Recov. | No. | Unit | Description | | |
|------|--------|----|--------|----|--------|-------|---------|---|----|----|
| | 10 | 14 | 16 | 20 | | | | | 22 | 24 |
| | | | | | | | | laminations | | |
| L | 141011 | 4 | 141012 | 4 | | 1818 | 101Q101 | minor py veinlets. | | |
| L | 141012 | 4 | 141016 | 1 | | 1819 | 51A101 | similar to #87 | | |
| L | 141016 | 1 | 14113 | 5 | | 1910 | 51A101 | zone of broken core. | | |
| | | | | | | | | hanging wall fault 0/80° | | |
| | | | | | | | | slickensides, 0/80° | | |
| | | | | | | | | another set of slickensides | | |
| | | | | | | | | indicates vertical movement. | | |
| | | | | | | | | (2nd generation) F ₅ folding | | |
| L | 14113 | 5 | 14113 | 7 | | 1911 | 51D11 | altered, minor amounts | | |
| | | | | | | | | of mariposite, quartz | | |
| | | | | | | | | veining. | | |
| L | 14113 | 7 | 14114 | 3 | | 1912 | 51A01 | zone of broken core, F ₄ | | |
| | | | | | | | | folding, gouge at footwall, | | |
| | | | | | | | | 0/77° | | |
| L | 14114 | 3 | 14115 | 5 | | 1913 | 51A01 | same as #87 | | |
| L | 14115 | 5 | 14211 | 5 | | 1914 | 51D131 | hanging wall contact relatively | | |
| | | | | | | | | sharp, calcareous laminations, | | |
| | | | | | | | | resembles SC in places. | | |
| L | 14211 | 5 | 14219 | 7 | | 1915 | 51A01 | minor py laminations. | | |
| | | | | | | | | similar #87 | | |
| L | 14219 | 7 | 14310 | 7 | | 1916 | 14B101 | cherty, minor chloritic | | |
| | | | | | | | | laminations, no sulphides. | | |
| L | 14310 | 7 | 14312 | 3 | | 1917 | 51D131 | gradational with #96 & 98 | | |
| | | | | | | | | over SCm. possible fold | | |
| | | | | | | | | repeat 5A0-4B0-5D3 | | |
| | | | | | | | | 4B0-5A0 | | |
| L | 14312 | 3 | 14312 | 9 | | 1918 | 14B101 | | | |
| L | 14312 | 9 | 14412 | 7 | | 1919 | 51A01 | similar to #87, minor py | | |
| | | | | | | | | laminations, slightly | | |
| | | | | | | | | calcareous over small intervals | | |
| L | 14412 | 7 | 14470 | | | 11010 | 51A01 | carbonaceous nodules, clasts? | | |
| | | | | | | | | resemble concretions. | | |
| | | | | | | | | bandaged. | | |
| L | 14470 | | 14516 | 1 | | 11011 | 51A01 | similar to #87 | | |
| L | 14516 | 1 | 14717 | 0 | | 11012 | 51A01 | similar to #100, nodules very | | |

| Code | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|-------|--------|-------|---------|--|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| | | | | | | siliceous, exhibit concentric zoning. |
| L | 14770 | 14790 | | 11013 | 151A01 | similar to #87. |
| L | 14790 | 14795 | | 11014 | 14L01 | low sulphide content, resembles 5D4 |
| L | 14795 | 14810 | | 11015 | 151D131 | minor clasts up to 2mm in diameter, possibly crystal particles, (crystal tuff?) |
| L | 14810 | 14814 | | 11016 | 14L01 | resembles 5D4, minor laminations of po, perhaps this unit is correlatable with the 4L in 81-SD-01.?? |
| L | 14814 | 15103 | | 11017 | 151C131 | same stratigraphic position. more foliated than most SC, abundant disseminated chloritic clots, possibly phenocrysts. |
| L | 15103 | 15106 | | 11018 | 151D131 | lesser carbonate bands containing bt. abundant qtz veins. |
| L | 15106 | 15111 | | 11019 | 151C131 | thinly laminated, |
| L | 15111 | 15113 | | 11110 | 14L01 | resembles #104, thin po laminations. |
| L | 15113 | 15129 | | 11111 | 151A01 | |
| L | 15129 | 15130 | | 11112 | 14L01 | resembles #104, the common occurrence of 4L0 with 5A0 and 5D or 5C3 suggests that this alteration may be a function of interaction of the volcanics and the wet sediments. |
| L | 15130 | 15142 | | 11113 | 151C131 | similar to #109, possible large fold repeats. |
| L | 15142 | 15146 | | 11114 | 151D131 | |
| L | 15146 | 15147 | | 11115 | 151A01 | gradational with 5B26. |
| L | 15147 | 15149 | | 11116 | 151D131 | more foliated than SC, resembles |

| Core | From | | To | | Recov. | | No. | | Unit | Description |
|------|--------|----|--------|----|--------|----|------|----|-------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | |
| | | | | | | | | | | it otherwise. |
| L | 15149 | 6 | 151510 | 1 | | | 1117 | | 5A101 | gradational with SB26, thin quartz laminations. |
| L | 151510 | 1 | 151516 | 2 | | | 1118 | | 5D3 | gradational boundary over 1.0 m, thin bands ~ 10cm wide of 5A0 within the top 1.0 m section. |
| L | 151516 | 2 | 151616 | 8 | | | 1119 | | 5A101 | hanging gradational with SB26. siliceous nodules at footwall. |
| L | 151616 | 8 | 151710 | 7 | | | 1210 | | 5D3 | |
| L | 151710 | 7 | 151722 | 2 | | | 1211 | | 5C13 | |
| L | 151722 | 3 | 151723 | 1 | | | 1212 | | 5B23 | carbonate in matrix |
| L | 151723 | 1 | 151729 | 2 | | | 1213 | | 3G101 | thinly laminated. |
| L | 151729 | 2 | 151829 | 9 | | | 1214 | | 3G19 | |
| L | 151829 | 9 | 161154 | 4 | | | 1215 | | 3G101 | |
| L | 161154 | 4 | 161117 | 1 | | | 1216 | | 3G19 | slightly darker in colour. |
| L | 161117 | 1 | 161211 | 1 | | | 1217 | | 3G10 | |
| L | 161211 | 1 | 161216 | 7 | | | 1218 | | 3G19 | |
| L | 161216 | 7 | 161219 | 6 | | | 1219 | | 3G19 | increasingly carbonaceous, gradational with 3E0 |
| L | 161219 | 6 | 161219 | 7 | | | 1310 | | 3E19 | gouge zone 0/90° |
| L | 161219 | 7 | 161314 | 0 | | | 1311 | | 3G19 | similar to #127. |
| L | 161314 | 0 | 161411 | 6 | | | 1312 | | 3E101 | gradational contact |
| L | 161411 | 6 | 161417 | 3 | | | 1313 | | 3G19 | fine po porphyroblasts which have been smothered out along the S ₂ foliation. |
| L | 161417 | 3 | 161514 | 1 | | | 1314 | | 3E101 | minor carbonaceous bands. |
| L | 161514 | 1 | 161613 | 4 | | | 1315 | | 3G19 | similar to #129. |
| L | 161613 | 4 | 161613 | 6 | | | 1316 | | 3B3 | secondary quartz veins, bt laminations, appears to be metasomatic in origin. |
| L | 161613 | 6 | 161816 | 5 | | | 1317 | | 3G101 | towards the footwall this unit distinctly lacks the carbonaceous bands. |
| L | 161816 | 5 | 161817 | 4 | | | 1318 | | 3B101 | gradational with the footwall |

| Code | From | | | | To | | | | Recov. | No. | Unit | Description |
|------|--------|----|--------|----|----|----|----|----|--------|--------|------|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | |
| | | | | | | | | | | | | portions of # 137 |
| L | 161817 | 4 | 161818 | 8 | | | | | 11319 | 13K131 | | fine calcareous laminations, pale green in colour. |
| L | 161818 | 8 | 161819 | 7 | | | | | 11410 | 13K131 | | dark green in colour, possibly ultramafic in composition. |
| L | 161819 | 7 | 161910 | 8 | | | | | 1A11 | 3K131 | | similar to # 136 |
| L | 161910 | 8 | 161911 | 1 | | | | | 1A12 | 13K131 | | similar to # 137 |
| L | 161911 | 1 | 161911 | 5 | | | | | 1A13 | 13K131 | | similar to # 136 |
| L | 161911 | 5 | 161913 | 0 | | | | | 1A14 | 13B101 | | finely laminated, minor quartz lithons. |
| L | 161913 | 0 | 161914 | 2 | | | | | 1A15 | 13K131 | | |
| L | 161914 | 2 | 161914 | 5 | | | | | 1A16 | 13B101 | | |
| L | 161914 | 5 | 171210 | 7 | | | | | 1A17 | 13K101 | | similar to # 132. |
| L | 17120 | 7 | 171213 | 6 | | | | | 1A18 | 13B131 | | minor carbonaceous bands thin but laminations, carbonate most abundant in the biotitic zones. |
| L | 171213 | 6 | 171214 | 6 | | | | | 1A19 | 13G181 | | gradational to 3B0. |
| L | 171214 | 6 | 171216 | 0 | | | | | 11510 | 13K101 | | |
| L | 171216 | 0 | 171217 | 4 | | | | | 11511 | 13B131 | | fine laminations of carbonate, |
| L | 171217 | 4 | 171219 | 7 | | | | | 11512 | 13K101 | | |
| L | 171219 | 7 | 171219 | 7 | | | | | 11513 | 13B131 | | similar to # 144 and 147. |
| L | 171219 | 7 | 171315 | 9 | | | | | 11514 | 13K101 | | |
| L | 171315 | 9 | 171318 | 3 | | | | | 11515 | 13K131 | | generally massive with fine laminations of carbonate. similar to 3B3 in appearance, but the higher grade of deformation may be the cause of the finely laminated appearance. |
| L | 171318 | 3 | 171410 | | | | | | 11516 | 13K101 | | |
| L | 171410 | | 171411 | 5 | | | | | 11517 | 13B131 | | |
| L | 171411 | 5 | 171549 | | | | | | 11518 | 13K101 | | thin carbonaceous laminations |
| L | 171549 | | 171550 | | | | | | 11519 | 13G101 | | gouge zone 0/47° possible slickensides 90/0° |

| Core | From | | | | To | | | | Recov. | No. | Unit | Description |
|------|-------|----|-------|----|----|----|----|----|--------|---------|---|-------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | |
| L | 17513 | 0 | 17613 | 9 | | | | | 11610 | 1316101 | Boring, monotonous, etc. | |
| L | 17613 | 9 | 17614 | 0 | | | | | 11611 | 1316101 | gouge 90/37° | |
| L | 17614 | 0 | 17838 | 8 | | | | | 11612 | 1316101 | minor disseminated po porphyroblasts, flattened into the plane of the S ₂ foliation minor pre-D ₂ quartz veins, some containing carbonate, others containing po possible fold repeat at 777.8 m. | |
| L | 17838 | 8 | 17814 | 0 | | | | | 11613 | 1316101 | gouge 0/56° | |
| L | 17814 | 0 | 17915 | 0 | | | | | 11614 | 1316101 | disc & veined cpy at 793.6 associated with a quartz vein | |
| L | 17915 | 0 | 17918 | 1 | | | | | 11615 | 1316181 | slightly calcareous, carbonate in thin laminations, mostly associated with bt., abundant pre D ₂ quartz | |
| L | 17918 | 1 | 18010 | 3 | | | | | 11616 | 1318101 | gradational with 368 | |
| L | 18010 | 3 | 18110 | 3 | | | | | 11617 | 1316101 | | |
| L | 18110 | 3 | 18114 | 5 | | | | | 11618 | 1316101 | gradational with 360, more green in colour. | |
| L | 18114 | 5 | 18258 | 8 | | | | | 11619 | 1316101 | minor thin laminations of carbonate & bt. ~ 5mm wide | |
| L | 18258 | 8 | 18259 | | | | | | 11710 | 1316101 | gouge zone 0/35° slicke sides, 90/0° | |
| L | 18259 | | 18319 | 1 | | | | | 11711 | 1316101 | | |
| L | 18319 | 1 | 18319 | 2 | | | | | 11712 | 1316101 | gouge zone, 0/53° | |
| L | 18319 | 2 | 18420 | | | | | | 11713 | 1316101 | | |
| L | 18420 | | 18422 | | | | | | 11714 | 1316101 | gouge zone 0/30° slicke sides 0/30° | |
| L | 18422 | | 18519 | 9 | | | | | 11715 | 1316101 | | |
| | | | | | | | | | | | END OF HOLE | |

Structural Log

Date: 2/8/81 Logged By: ByH

| Code | From | | | | To | | | | Feature | S ₀ Dip Direct. | S ₁ Dip Direct. | S ₂ Dip Direct. | Description | | |
|------|------|----|----|-------|----|----|----|-------|---------|-------------------------------|-------------------------------|-------------------------------|-------------|-----------------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | | | 32 | 34 |
| | | | | 1311 | | | | | | | | | | overburden | |
| S | | | | 1513 | | | | C1S1Z | R | | | 810 | 11813 | Dyke and gouge. | |
| S | | | | 1592 | | | | C1S1Z | S | | | 410 | 1010 | 612 | |
| S | | | | 1612 | | | | C1S1Z | S | | | 315 | 1010 | 617 | |
| S | | | | 1680 | | | | C1S1Z | | | | 717 | 11810 | 445 | |
| S | | | | 1737 | | | | C1S1Z | Z | | | 715 | 11810 | 710 | |
| S | | | | 1778 | | | | C1S1Z | S | | | 310 | 1010 | 613 | |
| S | | | | 1823 | | | | C1S1Z | | | | 910 | 190 | 710 | |
| S | | | | 1880 | | | | C1S1Z | Z | | | 410 | 11810 | 613 | |
| S | | | | 1913 | | | | C1S1Z | | | | 410 | 1010 | 610 | |
| S | | | | 11011 | | | | C1S1Z | | | | 315 | 1010 | 515 | |
| S | | | | 11017 | | | | C1S1Z | S | | | 510 | 1910 | 615 | |
| S | | | | 11113 | | | | C1S1Z | D | | | 215 | 1010 | 517 | |
| S | | | | 11117 | | | | C1S1Z | S | | | 315 | 1010 | 610 | |
| S | | | | 11213 | | | | C1S1Z | | | | | | 518 | |
| S | | | | 11310 | | | | C1S1Z | Z | | | | | 815 | |
| S | | | | 11316 | | | | P1S1Z | | | | | | 715 | |
| S | | | | 11319 | | | | P1S1Z | R | | | 515 | 1010 | 715 | |
| S | | | | 11411 | | | | P1S1Z | S | | | 715 | 11810 | 710 | |
| S | | | | 11413 | | | | C1S1Z | Z | | | 817 | 11810 | 717 | |
| S | | | | 11419 | | | | C1S1Z | S | | | | | 715 | |
| S | | | | 11511 | | | | C1S1Z | D | | | 110 | 1010 | 215 | M region. |
| S | | | | 11519 | | | | C1S1Z | S | | | 415 | 1010 | 715 | predominately S, some Z symmetry though. |
| S | | | | 11610 | | | | C1S1Z | D | | | 315 | 1010 | 515 | |
| S | | | | 11613 | | | | C1S1Z | S | | | 010 | 1010 | 715 | |
| S | | | | 11616 | | | | C1S1Z | S | | | 810 | 11810 | 810 | |
| S | | | | 11714 | | | | P1S1Z | R | | | | | 810 | |
| S | | | | 11716 | | | | C1S1Z | S | | | | | 810 | |
| S | | | | 11810 | | | | P1S1Z | R | | | | | 715 | |
| S | | | | 11811 | | | | C1S1Z | S | | | 510 | 1010 | 713 | |
| S | | | | 11815 | | | | C1S1Z | D | | | | | 810 | |
| S | | | | 11816 | | | | C1S1Z | S | | | | | 617 | |
| S | | | | 11818 | | | | C1S1Z | Z | | | 715 | 1910 | 719 | |
| S | | | | 11911 | | | | C1S1Z | D | | | 510 | 1010 | 615 | |
| S | | | | 11917 | | | | P1S1Z | | | | | | 713 | |

Structural Log

Date: 6/8/01 Logged By: BXH

| Code | From | | | | To | | | | Feature | SYM | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|-------|----|-------|----|----|---------|-----|----------------|------|----------------|-----|----------------|--|------------------------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | | |
| S | | | | 12013 | 3 | PIS12 | | | | | | | | 73 | | | |
| S | | | | 12017 | 1 | PIS12 | R | | | | | | | 615 | | | |
| S | | | | 12112 | 9 | CIS12 | D | | | | | | | 515 | | | |
| S | | | | 12117 | 0 | PIS12 | | | | | | | | 716 | | | |
| S | | | | 12214 | 0 | PIS12 | | | | | | | | 510 | | | |
| S | | | | 12217 | 5 | PIS12 | | | | | | | | 810 | | | |
| S | | | | 12218 | 3 | | M | | | | | | | 618 | | | Mixed Z & S symmetry |
| S | | | | 12314 | 7 | CIS12 | Z | | | | | | | 810 | | | |
| S | | | | 12318 | 8 | PIS12 | P | | | | | | | 710 | | | |
| S | | | | 12411 | 2 | CIS12 | S | | | | | | | 615 | | | |
| S | | | | 12419 | 0 | CIS12 | Z | | | | 910 | 1010 | | 715 | | | |
| S | | | | 12516 | 9 | CIS12 | | | | | | | | 715 | | | |
| S | | | | 12613 | 0 | CIS12 | | | | | | | | 715 | | | |
| S | | | | 12615 | 7 | CIS12 | S | | | | | | | 717 | | | |
| S | | | | 12617 | 8 | CIS12 | Z | | | | 710 | 1010 | | 715 | | | |
| S | | | | 12712 | 2 | CIS12 | | | | | 710 | 1010 | | 812 | | | |
| S | | | | 12718 | 6 | CIS12 | | | | | | | | 717 | | | |
| S | | | | 12811 | 6 | CIS12 | | | | | | | | 810 | | | |
| S | | | | 12816 | 1 | CIS12 | S | | | | 715 | 1010 | | 812 | | | |
| S | | | | 12910 | 8 | CIS12 | D | | | | | | | 815 | | | scattered DD and S sym zone. |
| S | | | | 12914 | 3 | CIS12 | E | | | | 010 | 1010 | | 615 | | | |
| S | | | | 13010 | 0 | CIS12 | D | | | | 315 | 1910 | | 510 | | | |
| S | | | | 13012 | 0 | CIS12 | S | | | | | | | 713 | | | |
| S | | | | 13018 | 8 | CIS12 | | | | | | | | 810 | | | |
| S | | | | 13113 | 7 | CIS12 | D | | | | 515 | 1910 | | 715 | | | |
| S | | | | 13117 | 0 | CIS12 | S | | | | | | | 715 | | | |
| S | | | | 13119 | 6 | PIS12 | P | | | | | | | 715 | | | |
| S | | | | 13212 | 3 | CIS12 | M | | | | | | | 415 | | | Mixed symmetry. |
| S | | | | 13215 | 0 | CIS12 | D | | | | | | | 710 | | | |
| S | | | | 13310 | 6 | CIS12 | Z | | | | | | | 712 | | | |
| S | | | | 13312 | 4 | CIS12 | S | | | | | | | 710 | | | |
| S | | | | 13410 | 1 | CIS12 | | | | | 813 | 1810 | | 716 | | | |
| S | | | | 13416 | 2 | CIS12 | | | | | | | | 813 | | | |
| S | | | | 13512 | 3 | CIS12 | | | | | 710 | 1810 | | 510 | | | |
| S | | | | 13519 | 5 | CIS12 | Z | | | | 415 | 1010 | | 712 | | | |

Structural Log

| Code | From | | To | | Feature | S ₂ E | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|-----|---------|------------------|----------------|---------|----------------|---------|----------------|---------|--|
| | 10 | 14 | 16 | 20 | | | Dip | Direct. | Dip | Direct. | Dip | Direct. | |
| S | | | | 136 | 145 | CIS12 | | | | | | 710 | |
| S | | | | 137 | 170 | CIS12 | S | | | | | 48 | |
| S | | | | 137 | 22 | CIS12 | D | | | 611 | 1910 | 615 | |
| S | | | | 137 | 98 | CIS12 | Z | | | 910 | 1010 | 717 | |
| S | | | | 138 | 143 | CIS12 | S | | | 515 | 1010 | 718 | |
| S | | | | 138 | 172 | CIS12 | D | | | | | 910 | |
| S | | | | 139 | 107 | CIS12 | M | | | 010 | 1010 | 718 | |
| S | | | | 139 | 151 | PIS12 | P | | | | | 710 | |
| S | | | | 140 | 29 | CIS12 | S | | | 510 | 1010 | 615 | |
| S | | | | 140 | 144 | CIS12 | Z | | | 817 | 11810 | 713 | |
| S | | | | 141 | 110 | CIS12 | D | | | | | 710 | |
| S | | | | 141 | 151 | CIS12 | | | | | | 813 | F _s fold 180/20 small kink fold. |
| S | | | | 142 | 115 | CIS12 | | | | | | 515 | |
| S | | | | 142 | 140 | CB12 | S | | | | | 815 | |
| S | | | | 142 | 178 | CB12 | D | | | 517 | 1010 | 714 | |
| S | | | | 143 | 137 | CIS12 | | | | | | 68 | |
| S | | | | 144 | 100 | CIS12 | S | | | 615 | 1010 | 815 | |
| S | | | | 144 | 130 | CIS12 | Z | | | | | 815 | |
| S | | | | 144 | 147 | CIS12 | S | | | 610 | 1010 | 719 | |
| S | | | | 144 | 172 | CIS12 | Z | | | | | 817 | |
| S | | | | 145 | 144 | CIS12 | | | | 717 | 1010 | 812 | |
| S | | | | 145 | 192 | CIS12 | S | | | 513 | 1010 | 815 | |
| S | | | | 146 | 108 | CIS12 | Z | | | 710 | 11810 | 810 | |
| S | | | | 146 | 178 | CB12 | | | | 610 | 1010 | 810 | |
| S | | | | 147 | 139 | CIS12 | | | | | | 810 | |
| S | | | | 148 | 100 | CIS12 | | | | | | 717 | |
| S | | | | 148 | 151 | CB12 | S | | | 519 | 1010 | 810 | |
| S | | | | 149 | 125 | PIS12 | | | | | | 710 | |
| S | | | | 149 | 189 | | | | | | | 615 | orientation of chl flakes suggest a large M region |
| S | | | | 150 | 150 | PIS12 | | | | | | 712 | |
| S | | | | 151 | 142 | PIS12 | | | | | | 715 | |
| S | | | | 152 | 100 | PIS12 | | | | | | 810 | |
| S | | | | 152 | 150 | PIS12 | D | | | | | | Rock dominated |

Structural Log

Date: 8/8/81 Logged By: B.H.H.

| Code | From | | | | To | | | | Feature | S ₂ | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|----|-------|----|----|----|---------|----------------|----------------|---------|----------------|---------|----------------|---------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | Dip | Direct. | Dip | Direct. | Dip | Direct. | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | zone, predominately consisting of SA and SC. |
| S | | | | | 15219 | 3 | C | S | | | | | | | 817 | | scattered S sym in a PS ₂ region. |
| S | | | | | 15315 | 5 | P | S | | | | | | | 612 | | |
| S | | | | | 15411 | 6 | P | S | | | | | | | 810 | | |
| S | | | | | 15417 | 7 | P | S | | | | | | | 815 | | |
| S | | | | | 15513 | 8 | P | S | | | | | | | 815 | | |
| S | | | | | 15519 | 5 | P | S | | | | | | | 816 | | |
| S | | | | | 15614 | 5 | P | S | | | | | | | 73 | | |
| S | | | | | 15710 | 9 | P | S | | | | | | | 75 | | |
| S | | | | | 15716 | 7 | P | S | | | | | | | 73 | | |
| S | | | | | 15813 | 7 | P | S | | | | | | | 78 | | |
| S | | | | | 15819 | 2 | P | S | | | | | | | 716 | | |
| S | | | | | 15915 | 3 | P | S | | | | | | | 77 | | |
| S | | | | | 16101 | 4 | P | S | | | | | | | 65 | | |
| S | | | | | 16107 | 5 | P | S | | | | | | | 713 | | |
| S | | | | | 16113 | 8 | P | S | | | | | | | 618 | | |
| S | | | | | 16210 | 2 | P | S | | | | | | | 75 | | |
| S | | | | | 16216 | 0 | P | S | | | | | | | 812 | | |
| S | | | | | 16312 | 4 | P | S | | | | | | | 812 | | |
| S | | | | | 16318 | 5 | P | S | | | | | | | 815 | | |
| S | | | | | 16414 | 1 | P | S | | | | | | | 73 | | |
| S | | | | | 1650 | 7 | P | S | | | | | | | 810 | | |
| S | | | | | 16517 | 1 | P | S | | | | | | | 810 | | |
| S | | | | | 16611 | 4 | P | S | | | | | | | 78 | | |
| S | | | | | 16617 | 2 | P | S | | | | | | | 78 | | |
| S | | | | | 16713 | 3 | P | S | | | | | | | 810 | | |
| S | | | | | 16719 | 4 | P | S | | | | | | | 717 | | E _s fold D _{0/00} kink fold. |
| S | | | | | 16815 | 8 | P | S | | | | | | | 815 | | |
| S | | | | | 16911 | 9 | P | S | | | | | | | 815 | | |
| S | | | | | 16918 | 0 | P | S | | | | | | | 910 | | |
| S | | | | | 17014 | 1 | P | S | | | | | | | 75 | | |
| S | | | | | 17112 | 0 | P | S | | | | | | | 80 | | |

Structural Log

| Code | From | | | To | | | Feature | Sym | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|-------|----|----|---------|-----|----------------|-----|----------------|-----|----------------|----|--|
| | 10 | 14 | 16 | 20 | 22 | 24 | | | 26 | 28 | 32 | 34 | 38 | 40 | |
| S | | | | 17150 | | | PS12 P | | | | | | 710 | | |
| S | | | | 17211 | | | CS12 D | | | | | | 815 | | predom. nat. ly D.D. with lesser S sym. |
| S | | | | 17217 | | | PS12 | | | | | | 815 | | |
| S | | | | 17336 | | | PS12 | | | | | | 813 | | |
| S | | | | 17319 | | | PS12 | | | | | | 817 | | |
| S | | | | 17415 | | | PS12 | | | | | | 810 | | |
| S | | | | 17511 | | | PS12 | | | | | | 716 | | |
| S | | | | 17518 | | | PS12 | | | | | | 815 | | |
| S | | | | 17615 | | | PS12 P | | | | | | 510 | | |
| S | | | | 17710 | | | CS12 | | | | | | 812 | | |
| S | | | | 177 B | | | CS12 S | | | 74 | 1010 | 910 | | | |
| S | | | | 17717 | | | CS12 D | | | | | | 615 | | visible fold repeat. no idea of what the scale is. |
| S | | | | 17815 | | | AS12 | | | | | | 711 | | |
| S | | | | 17911 | | | PS12 | | | | | | 617 | | |
| S | | | | 17917 | | | PS12 | | | | | | 815 | | |
| S | | | | 1803 | | | PS12 | | | | | | 715 | | |
| S | | | | 18105 | | | PS12 P | | | 618 | 1010 | 810 | | | |
| S | | | | 18107 | | | CS12 S | | | | | | 810 | | |
| S | | | | 181 R | | | PS12 | | | | | | 812 | | |
| S | | | | 18119 | | | PS12 | | | | | | 813 | | |
| S | | | | 1825 | | | PS12 | | | | | | 812 | | |
| S | | | | 18311 | | | AS12 | | | | | | 710 | | |
| S | | | | 18316 | | | PS12 | | | | | | 717 | | |
| S | | | | 18412 | | | PS12 | | | | | | 615 | | |
| S | | | | 18418 | | | PS12 | | | | | | 511 | | |
| S | | | | 1855 | | | PS12 | | | | | | 710 | | |
| S | | | | 18519 | | | PS12 | | | | | | 617 | | END OF HOLE |

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Date: 17/8/81

Hole Number: EA 81-SD-03

Reference Fabric Orientation Diagram:

Project: SWIM

Location: SWIM CREEK

Claim: SWIM 59

Terr. Plane Co-ords.: _____ N

Grid Co-ords: L 22 W

44 N

Elevation: 960.1

Total Depth: 438.3 m

Purpose: Define graphitic phyllite trace of 3E

Reason hole Terminated: Mt. Myc formation.

Logged by: BYH

Date(s) Logged: 12/8/81 - 23/8/81

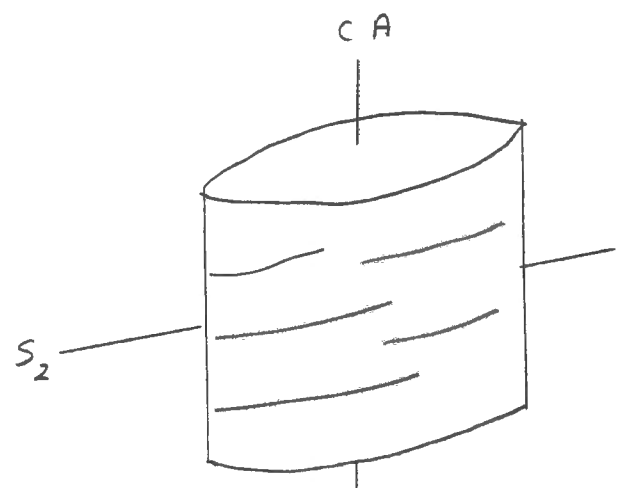
Drilling Contractor: ARCTIC

| Size | CORE From | To | Collar Cased and Capped: |
|-------|-----------|-------|--------------------------|
| NA | 40.2 | 438.3 | NO |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Hole Cemented: NO

Steel down hole: NO

Started: 4/8/81 Completed: 17/8/81



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 183.

Lithologic Log

Date: 12/8/81 Logged By: B.V.H.

| Code | From | To | Recov. | No. | Unit | Description |
|------|----------|----------|--------|----------|------|---|
| | 10 14 16 | 20 22 24 | 26 28 | 30 34 35 | | |
| L | 00 | 104 | | 1 | * | overburden, no core |
| L | 104 | 600 | | 2 | 31G0 | minor calcareous bands ~2 to 3cm wide, lithons visible ^{po vein} at 45.4m |
| L | 600 | 604 | | 3 | 31G0 | gouge zone 0/80° for both the footwall and hanging wall. |
| L | 604 | 732 | | 4 | 31G0 | similar to #2, minor pe grains |
| L | 732 | 738 | | 5 | 31G0 | gouge zone. foot wall contact 210/38° |
| L | 738 | 787 | | 6 | 31G0 | similar to #2. |
| L | 787 | 804 | | 7 | 31G0 | zone of broken core, no visible gouge though. |
| L | 804 | 1093 | | 8 | 31G0 | |
| L | 1093 | 1096 | | 9 | 31G0 | gouge zone, 0/35 Slickensides 90/0° |
| L | 1096 | 1299 | | 110 | 31G0 | |
| L | 1299 | 1300 | | 111 | 31G0 | gouge zone. 180/49 Slickensides 180/49° |
| L | 1300 | 1310 | | 112 | 31G0 | |
| L | 1310 | 1312 | | 113 | 31G0 | gouge zone. 0/29° Slickensides 90/0° |
| L | 1312 | 1480 | | 114 | 31G0 | |
| L | 1480 | 1483 | | 115 | 31G0 | gouge zone. 0/65° |
| L | 1483 | 1673 | | 116 | 31G0 | |
| L | 1673 | 1673 | | 117 | 31G7 | thin ~5mm wide bands of chl. |
| L | 1673 | 1699 | | 118 | 31G7 | zone of broken core, |
| L | 1699 | 1985 | | 119 | 31G7 | |
| L | 1985 | 2001 | | 120 | 10Q0 | |
| L | 2001 | 2031 | | 121 | 31G7 | |
| L | 2031 | 2093 | | 122 | 31G0 | laminated appearance, resembles SB0, non-calcareous, also the lithon structures are not as well developed, but general appearance is still preserved, in addition the contact |

| Core # | From | | | | To | | | | Recov. | No. | Unit | Description |
|--------|------|----|----|----|------|----|----|----|--------|------|--------|---|
| | 1 | 10 | 14 | 16 | 20 | 22 | 24 | 26 | | | | |
| | | | | | | | | | | | | with #21 is gradational, Note: perhaps more than a coincidence but the chloritic laminated 3G (3G7) is relatively rare perhaps this rock type may be equivalent to the SB7 found in and about the DY?? |
| L | 2093 | | | | 2152 | | | | | 1213 | 14161 | minor amounts of po, mostly in the form of fine grains minor amounts of cpy associated with po-qtz veins, post D ₂ minor sericitic patches |
| L | 2152 | | | | 2162 | | | | | 1214 | 14161 | resembles SB4 in appearance bleached appearance. |
| L | 2162 | | | | 2185 | | | | | 1215 | 14167 | minor diss sph, along with po, possible marginal facies to ore body, minor carbonate bands. |
| L | 2185 | | | | 2365 | | | | | 1216 | 13671 | chlorite patchy, possibly a result of hydrothermal alteration. |
| L | 2365 | | | | 2382 | | | | | 1217 | 13671 | zone of broken core, hanging wall contact 180/42 |
| L | 2382 | | | | 2651 | | | | | 1218 | 136101 | minor chloritic patches, |
| L | 2651 | | | | 2661 | | | | | 1219 | 136101 | gouge zone 0/65° |
| L | 2661 | | | | 2828 | | | | | 1310 | 136101 | |
| L | 2828 | | | | 2835 | | | | | 1311 | 136101 | gouge and broken core. 90/0° |
| L | 2835 | | | | 2854 | | | | | 1312 | 136101 | |
| L | 2854 | | | | 2858 | | | | | 1313 | 136101 | gouge zone |
| L | 2858 | | | | 2930 | | | | | 1314 | 136101 | |
| L | 2930 | | | | 2963 | | | | | 1315 | 10001 | with screens of 3G0, appears to be pre D ₂ , but post D ₁ ? quartz-carbonate flooding, probable fault zone, brecciated 3G0 enclosed in quartz. |

Lithologic Log

Date: 18/8/81 Logged By: BYH

| Core | From | | | | To | | | | Recov. | No. | Unit | Description |
|------|------|----|----|------|----|----|----|----|--------|-----|-------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | | |
| | | | | | | | | | | | | breccia zones generally at a low angle to core axis ~30° |
| L | 2963 | | | 3166 | | | | | | 316 | 13G10 | minor thin carbonate bands ~1.0 cm wide, minor chlorite veining, carbonate often associated with this veining. |
| L | 3166 | | | 3173 | | | | | | 317 | 13B10 | very pale in colour, carbonate in matrix. |
| L | 3173 | | | 3547 | | | | | | 318 | 13G10 | grading into 309, distinctly darker than the upper portion of this hole. |
| L | 3547 | | | 3550 | | | | | | 319 | 13G10 | gouge zone 0/30° slickensides 0/30° hanging wall contact. 0/50° slickensides 90/70° |
| L | 3550 | | | 3717 | | | | | | 40 | 13K10 | |
| L | 3717 | | | 3773 | | | | | | 41 | 13G10 | gouge zone 180/53° slickensides 180/53° |
| L | 3773 | | | 3796 | | | | | | 42 | 13G14 | bleached appearance, gradational with # 41 |
| L | 3796 | | | 3839 | | | | | | 43 | 13G14 | zone of broken core & gouge 0/25° |
| L | 3839 | | | 3914 | | | | | | 44 | 13G10 | fault contact, at hanging wall 0/45°, slickensides 90/0°, transcurrent movement. |
| L | 3914 | | | A016 | | | | | | 45 | 13K10 | qtz flooding, fault gouge at hanging wall contact, 0/60° pale green in colour, gradational to mottled texture, very (308) catcarcous, |
| L | A016 | | | A019 | | | | | | 46 | 13C13 | |
| L | A019 | | | A022 | | | | | | 47 | 13C13 | gouge zone. 180/55 slickensides 250/70° |
| L | A022 | | | A035 | | | | | | 48 | 13C13 | same as # 46. |
| L | A035 | | | A068 | | | | | | 49 | 13G10 | same as # 45 |
| L | A068 | | | A072 | | | | | | 50 | 13G10 | gouge zone, hanging wall contact 0/51°, slickensides 0/51 |

Structural Log

| Code | From | | | | To | | | | Feature | Sym | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|------|----|----|----|-------|---------|-----|----------------|-----|----------------|-----|----------------|--|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | | |
| S | | | | 140 | 4 | | | CIS12 | | | | | | 813 | 183 | | 0-40.4 overburden |
| S | | | | 142 | 3 | | | CIS12 | S | | | 715 | 1010 | 810 | | | |
| S | | | | 146 | 3 | | | CIS12 | M | | | 010 | 1010 | 810 | | | mixed S & Z symmetry |
| S | | | | 151 | 2 | | | CIS12 | | | | 710 | 190 | 812 | | | |
| S | | | | 154 | 5 | | | CIS12 | S | | | | | 713 | | | |
| S | | | | 157 | 4 | | | CIS12 | M | | | 712 | 1010 | 815 | | | Mixed S & Z symmetry |
| S | | | | 159 | 1 | | | CIS12 | Z | | | 513 | 11810 | 712 | | | |
| S | | | | 162 | 7 | | | CIS12 | D | | | | | 715 | | | |
| S | | | | 169 | 6 | | | CIS12 | | | | 616 | 1010 | 718 | | | |
| S | | | | 173 | 2 | | | CIS12 | S | | | 710 | 1010 | 815 | | | minor amounts of Z symmetry. |
| S | | | | 17A | 8 | | | CIS12 | R | | | | | 616 | | | gouge zone. |
| S | | | | 180 | 1 | | | CIS12 | M | | | | | | | | Mixed S & Z symmetry |
| S | | | | 182 | 0 | | | CIS12 | Z | | | 712 | 11810 | 812 | | | F _s fold. 270/27° |
| S | | | | 187 | 6 | | | CIS12 | | | | | | 713 | | | |
| S | | | | 193 | 8 | | | CIS12 | | | | 515 | | 710 | | | Mixed zone of Down Dip dominately with lesser "S" |
| S | | | | 197 | 4 | | | CIS12 | D | | | | | 717 | | | |
| S | | | | 1030 | | | | CIS12 | | | | | | 715 | | | |
| S | | | | 1083 | | | | CIS12 | S | | | | | 719 | | | |
| S | | | | 1122 | | | | PIS12 | P | | | | | 710 | | | |
| S | | | | 1118 | | | | CIS12 | | | | | | 717 | | | |
| S | | | | 1214 | | | | CIS12 | S | | | | | 810 | | | |
| S | | | | 1290 | | | | CIS12 | Z | | | | | 815 | | | F _s fold. FA 0/5Z minor DD & S sym. |
| S | | | | 1132 | | | | PIS12 | P | | | 315 | 11810 | 810 | | | |
| S | | | | 1138 | | | | CIS12 | S | | | | | 715 | | | |
| S | | | | 1124 | | | | CIS12 | M | | | | | 816 | | | mixed S & Z sym. |
| S | | | | 1157 | | | | CIS12 | S | | | | | 715 | | | |
| S | | | | 1152 | | | | CIS12 | Z | | | 810 | 11810 | 715 | | | minor S sym. |
| S | | | | 1166 | | | | CIS12 | M | | | 810 | 11810 | 710 | | | Mixed S & Z sym. |
| S | | | | 1162 | | | | CIS12 | Z | | | | | 713 | | | |
| S | | | | 1169 | | | | CIS12 | | | | | | 610 | | | |
| S | | | | 1176 | | | | CIS12 | | | | 710 | 11810 | 711 | | | |
| S | | | | 1182 | | | | CIS12 | | | | 810 | 11810 | 714 | | | |

Structural Log

| Code | From | | | | To | | | | Feature | SYM | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|------|----|-------|----|----|---------|-----|----------------|-------|----------------|----|----------------|--|----------------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | | |
| S | | | | 1187 | 7 | CIS12 | S | | | | 616 | 1010 | 715 | | | | |
| S | | | | 119A | 6 | CIS12 | M | | | | 515 | 1010 | 615 | | | | Mixed s+z sym. |
| S | | | | 1199 | 8 | CIS12 | | | | | 715 | 11810 | 710 | | | | |
| S | | | | 1206 | 0 | CIS12 | | | | | 410 | 11810 | 718 | | | | |
| S | | | | 1212 | 3 | CIS12 | | | | | | | 715 | | | | |
| S | | | | 1216 | 9 | CIS12 | Z | | | | 811 | 11810 | 711 | | | | |
| S | | | | 1219 | 2 | CIS12 | D | | | | | | 616 | | | | |
| S | | | | 1223 | 4 | CIS12 | Z | | | | | | 711 | | | | |
| S | | | | 1229 | 7 | CIS12 | M | | | | 410 | 1010 | 618 | | | | Mixed s+z sym. |
| S | | | | 1236 | 9 | CIS12 | Z | | | | 610 | 11810 | 716 | | | | |
| S | | | | 1241 | 1 | PIS12 | | | | | | | 710 | | | | |
| S | | | | 1246 | 1 | PIS12 | | | | | | | 617 | | | | |
| S | | | | 1252 | 3 | PIS12 | | | | | | | 710 | | | | |
| S | | | | 125A | 9 | PIS12 | P | | | | | | 716 | | | | |
| S | | | | 1261 | 5 | CIS12 | | | | | | | 517 | | | | |
| S | | | | 1266 | 1 | CE12 | | | | | | | 718 | | | | |
| S | | | | 1272 | 3 | CIS12 | | | | | | | 618 | | | | |
| S | | | | 1278 | 9 | CE12 | Z | | | | | | 815 | | | | |
| S | | | | 1283 | 5 | PIS12 | | | | | | | 610 | | | | scattered s+z sym |
| S | | | | 1289 | 0 | PIS12 | | | | | | | 615 | | | | within this section. |
| S | | | | 1295 | 3 | PIS12 | | | | | | | 510 | | | | |
| S | | | | 301 | 2 | PIS12 | | | | | | | 616 | | | | |
| S | | | | 306 | 8 | PIS12 | | | | | | | 615 | | | | |
| S | | | | 312 | 0 | PIS12 | | | | | | | 617 | | | | |
| S | | | | 319 | 6 | PIS12 | | | | | | | 614 | | | | |
| S | | | | 325 | 5 | PIS12 | | | | | | | 712 | | | | |
| S | | | | 331 | 7 | PIS12 | | | | | | | 715 | | | | |
| S | | | | 337 | 3 | PIS12 | | | | | | | 715 | | | | |
| S | | | | 343 | 8 | PIS12 | | | | | | | 715 | | | | |
| S | | | | 348 | 4 | PIS12 | | | | | | | 817 | | | | |
| S | | | | 354 | 0 | PIS12 | | | | | | | 618 | | | | |
| S | | | | 358 | 6 | PIS12 | | | | | | | 810 | | | | |
| S | | | | 361 | 2 | PIS12 | | | | | | | 810 | | | | |
| S | | | | 371 | 1 | PIS12 | | | | | | | 712 | | | | |
| S | | | | 377 | 1 | PIS12 | | | | | | | 715 | | | | |
| S | | | | 382 | 9 | PIS12 | | | | | | | 315 | | | | fault zone. |

CYPRUS ANVIL MINING CORPORATION

Page 1 of 7

DIAMOND DRILL CORE LOG

Date: 17/8/81

Hole Number: EA 81 SD-04

Reference Fabric Orientation Diagram:

Project: SWIM

Location: SWIM LAKE

Claim: SEA 12

Terr. Plane Co-ords.: _____ N

Grid Co-ords: L16E

28N

Elevation: 899.1

Total Depth: 433.7 m

Purpose: Possible Extension of SB Deposit.

Reason hole Terminated: Encounter 3D marker,

Logged by: BYH

Date(s) Logged: 24/8/81 - 28/8/81

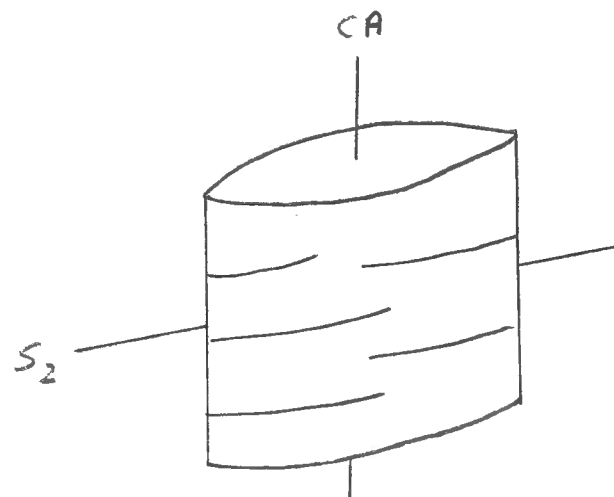
Drilling Contractor: ARCTIC

| | | | |
|-----------|-------------|--------------|------------------------------------|
| Size | CORE From | To | Collar Cased and Capped: <u>No</u> |
| <u>N9</u> | <u>94.5</u> | <u>433.7</u> | |

Hole Cemented: NO

Steel down hole: NO

Started: 18/8/81 Completed: 25/8/81



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 183.

Lithologic Log

Date: 24/8/81 Logged By: B V H

| Code | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|-------|--------|-----|------|---|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| L | 10100 | 1945 | | 11 | * | overburden. |
| L | 1945 | 11366 | | 12 | 3G8 | → 3G0 greenish east chloritic |
| L | 11366 | 11367 | | 13 | 3G8 | gouge zone. 0/63° |
| L | 11367 | 11628 | | 14 | 3G8 | same as # 2 dull, boring monotonous, I hate it. |
| L | 11628 | 11632 | | 15 | 3G8 | gouge zone hanging wall contact 0/70° |
| L | 11632 | 11660 | | 16 | 3G8 | S.O.S. |
| L | 11660 | 11664 | | 17 | 3B31 | pale green in colour (Mg-chl). thin lamination of sph. calcareous matrix. |
| L | 11664 | 11865 | | 18 | 3G8 | S.O.S. (same old shit). |
| L | 11865 | 11886 | | 19 | 3G8 | fault zone, gouge and broken core. footwall contact 0/20° |
| L | 11886 | 11941 | | 110 | 3G8 | S.O.S. minor qtz veins |
| L | 11941 | 11992 | | 111 | 3F9 | very dirty marble, at the hanging wall there is ~50% interbedded carbonaceous and phyllitic material, becomes more pure towards the center, where minor chlorite bands occur, hanging wall contact more abrupt. |
| L | 11992 | 12076 | | 112 | 3G8 | S.O.S., minor carbonate bands. ~2cm thick. |
| L | 12076 | 12100 | | 113 | 3F7 | much cleaner than #11, minor chloritic laminations. |
| L | 12100 | 12107 | | 114 | 3G8 | minor band of carbonate ~5cm. |
| L | 12107 | 12214 | | 115 | 3F7 | much cleaner than #13. |
| L | 12214 | 12228 | | 116 | 3G8 | minor amounts of carbonate. |
| L | 12228 | 12252 | | 117 | 3F0 | grading into 3F7, very dirty, much phyllitic material, brecciated at the footwall, footwall contact, a fault zone, 0/35° |
| L | 12252 | 12315 | | 118 | 3G8 | S.O.S. minor qtz flooding, chloritic laminations |

Lithologic Log

Date: 26/8/81 Logged By: BYH

| Code | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|--------|--------|-----|------|---|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| L | 123115 | 123119 | | 119 | 3G9 | thin bands of SAO, < 1.0cm wide. |
| L | 123119 | 125198 | | 120 | 3G8 | thin bt laminations, |
| L | 125198 | 126118 | | 121 | 3G0 | darker grey in colour, laminated. |
| L | 126118 | 12802 | | 122 | 3G8 | S.O.S. |
| L | 12802 | 12808 | | 123 | 3G0 | grading into 3G9, |
| L | 12808 | 12885 | | 24 | 3G8 | |
| L | 12885 | 129104 | | 125 | 3G0 | |
| L | 129104 | 132166 | | 126 | 3G8 | unit tends to be more laminated alternating chloritic ~1.0m and carbonaceous ~10cm zone of broken core. |
| L | 132166 | 13281 | | 127 | 3G8 | |
| L | 13281 | 13292 | | 128 | 3G9 | |
| L | 13292 | 134161 | | 129 | 3G8 | minor pe at 345.4. |
| L | 134161 | 135188 | | 130 | 3G0 | slightly darker than #29, |
| L | 135188 | 13603 | | 131 | 3K10 | mottled texture, |
| L | 13603 | 136108 | | 132 | 3B01 | minor bt laminations, contacts sharp with #31 & 33. |
| L | 136108 | 136124 | | 133 | 3K01 | same as #31, light layers appear to have been carbonate. |
| L | 136124 | 136144 | | 134 | 3G8 | chloritic, |
| L | 136144 | 136146 | | 135 | 3G8 | fault zone 0/50° |
| L | 136146 | 136177 | | 136 | 3G8 | |
| L | 136177 | 137145 | | 137 | 3G0 | dark grey in colour. |
| L | 137145 | 137148 | | 138 | 3G0 | gouge zone, faultwall contact 90/65; possible transcurrent movement as suggested by poor slickensides same as #37 |
| L | 137148 | 137160 | | 139 | 3G0 | gouge zone. |
| L | 137160 | 13761 | | 140 | 3G0 | interbanded 3G8 & 3G9 over small sections, |
| L | 13761 | 13852 | | 141 | 3G0 | gradational with #41 |
| L | 13852 | 13872 | | 142 | 3G9 | |
| L | 13872 | 139113 | | 143 | 3G0 | |
| L | 139113 | 13926 | | 144 | 3G9 | gradational with #43 & 45 |
| L | 13926 | 14156 | | 145 | 3G0 | |

Structural Log

| Code | From | | | | To | | | | Feature | Sym | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|--------|----|----|----|---------|---------|-----|----------------|-------|----------------|-----|----------------|--|-----------------------------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | | |
| S | | | | 1945 | | | | CIS12 | | | | | | 716 | 11813 | | overburden |
| S | | | | 1962 | | | | CIS12 M | | | 910 | 100 | 75 | | | | |
| S | | | | 1984 | | | | CIS12 D | | | 615 | 21710 | 812 | | | | |
| S | | | | 1103 | | | | CIS12 | | | | | 617 | | | | |
| S | | | | 11110 | | | | CK12 S | | | | | 718 | | | | minor 2 sym over small intervals. |
| S | | | | 11112 | | | | CIS12 Z | | | 615 | 11810 | 610 | | | | |
| S | | | | 11119 | | | | CK12 S | | | | | 718 | | | | |
| S | | | | 1123 | | | | PIS12 P | | | 310 | 1810 | 710 | | | | |
| S | | | | 1126 | | | | CIS12 | | | | | 713 | | | | |
| S | | | | 1132 | | | | CK12 | | | | | 716 | | | | |
| S | | | | 1138 | | | | CIS12 | | | | | 611 | | | | |
| S | | | | 1145 | | | | CIS12 S | | | 710 | 1010 | 75 | | | | |
| S | | | | 11510 | | | | PIS12 | | | | | 715 | | | | |
| S | | | | 11517 | | | | PIS12 | | | | | 613 | | | | |
| S | | | | 11518 | | | | PIS12 P | | | | | 810 | | | | |
| S | | | | 11593 | | | | CIS12 D | | | 610 | 910 | 715 | | | | |
| S | | | | 1161 | | | | CIS12 S | | | 47 | 1010 | 710 | | | | |
| S | | | | 1169 | | | | PIS12 | | | | | 715 | | | | |
| S | | | | 11715 | | | | PIS12 | | | | | 816 | | | | |
| S | | | | 11812 | | | | PIS12 P | | | 810 | 11810 | 715 | | | | |
| S | | | | 11819 | | | | CIS12 | | | | | 810 | | | | |
| S | | | | 11911 | | | | CK12 Z | | | 814 | 11810 | 714 | | | | |
| S | | | | 11912 | | | | CK12 D | | | 615 | 21710 | 710 | | | | |
| S | | | | 121010 | | | | PIS12 P | | | 412 | 1010 | 615 | | | | |
| S | | | | 12104 | | | | CK12 | | | | | 510 | | | | |
| S | | | | 12112 | | | | CIS12 S | | | 512 | 1010 | 615 | | | | |
| S | | | | 12117 | | | | PIS12 | | | | | 710 | | | | |
| S | | | | 12123 | | | | PIS12 | | | | | 710 | | | | |
| S | | | | 12128 | | | | PIS12 P | | | 615 | 11810 | 810 | | | | |
| S | | | | 12132 | | | | CK12 | | | | | 810 | | | | |
| S | | | | 121315 | | | | CK12 Z | | | | | 812 | | | | |
| S | | | | 12317 | | | | CIS12 S | | | | | 718 | | | | |
| S | | | | 1243 | | | | PIS12 P | | | | | 712 | | | | |
| S | | | | 12417 | | | | CIS12 | | | | | 512 | | | | |
| S | | | | 12513 | | | | CIS12 | | | 615 | 11810 | 810 | | | | |

Structural Log

| Code | From | | | | To | | | | Feature | S ₁ E | S ₀ | | S ₁ | | S ₂ | | Description | | | |
|------|------|----|----|------|----|----|----|--------|---------|------------------|----------------|-----|----------------|----|----------------|-----|-------------|---------|-----|---------------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | Dip | | Direct. | Dip | Direct. |
| S | | | | 1216 | 10 | | | CISIZ | | | 85 | 100 | 71 | | | | | | | |
| S | | | | 1216 | 16 | | | CISIZ | | | | | 71 | | | | | | | |
| S | | | | 1217 | 12 | | | CISIZ | | | 70 | 180 | 74 | | | | | | | |
| S | | | | 1217 | 18 | | | CEIZ | | | 80 | 180 | 75 | | | | | | | |
| S | | | | 1218 | 15 | | | CISIZ | | | 80 | 180 | 73 | | | | | | | |
| S | | | | 1219 | 11 | | | CISIZ | | | | | 71 | | | | | | | |
| S | | | | 1219 | 17 | | | CISIZ | | | | | 70 | | | | | | | |
| S | | | | 1304 | 4 | | | CISIZZ | | | 75 | 180 | 78 | | | | | | | |
| S | | | | 1308 | 8 | | | CSR S | | | | | 75 | | | | | | | |
| S | | | | 1311 | 16 | | | CISIZ | | | | | 75 | | | | | | | |
| S | | | | 1322 | 6 | | | PSIZZ | | | | | 81 | | | | | | | |
| S | | | | 1327 | 9 | | | PSIZP | | | | | 70 | | | | | | | |
| S | | | | 1333 | 3 | | | CISIZ | | | 85 | 180 | 80 | | | | | | | |
| S | | | | 1339 | 9 | | | CEIZ | | | | | 80 | | | | | | | |
| S | | | | 1341 | 10 | | | CEIZZ | | | | | 85 | | | | | | | |
| S | | | | 1346 | 6 | | | CISIZ | | | | | 75 | | | | | | | M region, mixed S e |
| S | | | | 1353 | 6 | | | CISIZ | | | | | 79 | | | | | | | Z sym. |
| S | | | | 1356 | 6 | | | CISIZM | | | | | 70 | | | | | | | |
| S | | | | 1360 | 10 | | | CISIZS | | | 60 | 100 | 65 | | | | | | | |
| S | | | | 1364 | 4 | | | PSIZ | | | | | 64 | | | | | | | |
| S | | | | 1370 | 3 | | | PSIZ | | | | | 74 | | | | | | | |
| S | | | | 1376 | 1 | | | PSIZ | | | | | 42 | | | | | | | |
| S | | | | 1381 | 1 | | | PSIZP | | | | | 75 | | | | | | | |
| S | | | | 1382 | 2 | | | CSR M | | | | | 85 | | | | | | | |
| S | | | | 1386 | 7 | | | PSIZ | | | | | 80 | | | | | | | |
| S | | | | 1389 | 9 | | | PSIZP | | | 75 | 180 | 75 | | | | | | | |
| S | | | | 1391 | 7 | | | CSR S | | | | | 70 | | | | | | | |
| S | | | | 1404 | 4 | | | CISIZZ | | | | | 58 | | | | | | | |
| S | | | | 1407 | 7 | | | CISIZM | | | | | 75 | | | | | | | |
| S | | | | 1412 | 7 | | | CSR S | | | | | 70 | | | | | | | |
| S | | | | 1419 | 9 | | | CISIZM | | | | | 76 | | | | | | | |
| S | | | | 1426 | 1 | | | PSIZ | | | | | 62 | | | | | | | |
| S | | | | 1431 | 1 | | | PSIZ | | | | | 70 | | | | | | | |
| S | | | | 1433 | 3 | | | PSIZ | | | | | 51 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

END OF HOLE.

DIAMOND DRILL CORE LOG

Date: 17/8/81

Hole Number: EA 81-SD-05

Reference Fabric Orientation Diagram:

Project: SWIM

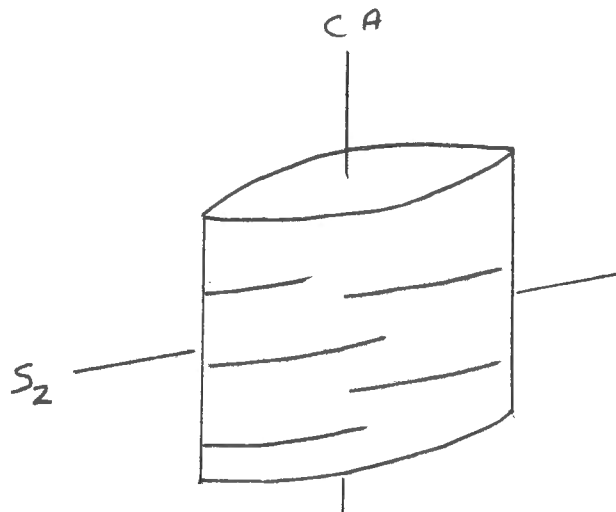
Location: SWIM CREEK

Claim: SWIM 60

Terr. Plane Co-ords.: _____ N

Grid Co-ords: L26E

62E



All symmetry determinations looking

Elevation: 1088 m.

NW with S2 dipping

Total Depth: 587.6 m.

SW with dip azimuth 183.

Purpose: Extend 4L zone encountered in EA 81-SD-03

Reason hole Terminated: Marker Calc-silicate encountered.

Logged by: BVH

Date(s) Logged: 27/8/81 - 11/9/81

Drilling Contractor: Arctic

| Size | CORE From | To | Collar Cased and Capped: |
|------|-----------|-------|--------------------------|
| NØ | 7.2 | 587.6 | No |

Hole Cemented: no

Steel down hole: no

Started: 19/8/81 Completed: 6/9/81.

| Code | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|--------|--------|-----|------|---|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| L | 10 0 | 17 2 | | 11 | * | overburden. |
| L | 17 2 | 19 3 | | 12 | 5B73 | may have a greenish cast due to oxidizing conditions at the water table. |
| L | 19 3 | 11 6 | | 13 | 5D31 | fault contact with #2. |
| | | | | | | 0/58° |
| L | 11 6 | 12 3 7 | | 14 | 5B73 | same as #2, rust on the partings. |
| L | 12 3 7 | 13 8 7 | | 15 | 5B73 | thin carbonate (marble) bands up to 8 cm wide, very clean, never seen this texture before, rust on partings |
| L | 13 8 7 | 13 9 2 | | 16 | 5E10 | |
| L | 13 9 2 | 14 4 6 | | 17 | 3D11 | combination of 3D1 and 5B76 relict texture of 5B76, with tremolite-diopside chloritic laminations, appears to be transitional with the calc-silicate, rust on the partings. |
| L | 14 4 6 | 14 6 4 | | 18 | 5A10 | gradational with 5B76, |
| L | 14 6 4 | 14 7 8 | | 19 | 5A10 | gouge zone? lots of dirt, could be cave that's been cored, core missing from interval |
| L | 14 7 8 | 14 9 3 | | 110 | 5E31 | possible garnets in formation. |
| L | 14 9 3 | 15 3 7 | | 111 | 5C13 | highly questionable bc as this unit is highly rusted, however it has the texture of 5C, brecciated at the footwall, quartz veins, and quartz flooding. |
| L | 15 3 7 | 15 4 2 | | 112 | 5A10 | brecciated, |
| L | 15 4 2 | 15 8 7 | | 113 | 5D31 | gouge zone, minor intervals of 5A0, |
| L | 15 8 7 | 16 2 0 | | 114 | 5D31 | |
| L | 16 2 0 | 16 6 2 | | 115 | 5D10 | thin bands ~2cm of a dark green chlorite (Fe rich). |

Lithologic Log

Date: 27/8/81 Logged By: BvH

| Code | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|----------|--------|-----|--------|--|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| L | 10162 | 10166 | | 116 | 51D101 | gouge zone |
| L | 10166 | 10193 | | 117 | 51A101 | |
| L | 10193 | 101756 | | 118 | 51D131 | texture gradational with SC at footwall, |
| L | 101756 | 101762 | | 119 | 51C131 | |
| L | 101762 | 101775 | | 120 | 51C101 | gouge zone for hanging wall contact. |
| L | 101775 | 101843 | | 121 | 51C131 | mottled texture, |
| L | 101843 | 1018162 | | 122 | 51D131 | similar to #21, except it is more well laminated, minor band of py ~ 1.0 cm wide at footwall |
| L | 1018162 | 1018193 | | 123 | 51A101 | gradational with SB26, py laminations at hanging wall. |
| L | 1018193 | 1019113 | | 124 | 51D131 | minor interbedded SAB, |
| L | 1019113 | 1019120 | | 125 | 51D101 | |
| L | 1019120 | 1019129 | | 126 | 51A101 | chert nodules, |
| L | 1019129 | 1019132 | | 127 | 51B161 | |
| L | 1019132 | 10110173 | | 128 | 51A101 | minor laminations of py & quartz gradational with SB26 |
| L | 10110173 | 10111198 | | 129 | 31K101 | lithon structures visible, resembles SB0, except its non calcareous, thin intervals of SD3 ~ 5.0 cm wide, minor po porphyroblasts, |
| L | 10111198 | 1011120 | | 130 | 31G101 | gouge zone 0/50' |
| L | 1011120 | 1011228 | | 131 | 31G101 | same as #29 |
| L | 1011228 | 1011249 | | 132 | 31B101 | well laminated with pale green sericitic bands, M region at 124.0 m. probable fold repeat thickening of this unit. |
| L | 1011249 | 10112188 | | 133 | 31G101 | gradational to 369, |
| L | 10112188 | 10112192 | | 134 | 31B101 | footwall contact gradational over 10cm |
| L | 10112192 | 10113194 | | 135 | 31G101 | |
| L | 10113194 | 1011457 | | 136 | 31G101 | gouge and broken core. |
| L | 1011457 | 1011499 | | 137 | 31G101 | |

| Code | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|-------|--------|-----|------|--|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| L | 11499 | 11505 | | 38 | 3G0 | gouge zone. 0/35° |
| L | 11505 | 11529 | | 39 | 3G0 | |
| L | 11529 | 11532 | | 40 | 3B3 | slightly calcareous matrix. |
| L | 11532 | 11560 | | 41 | 3G0 | |
| L | 11560 | 11563 | | 42 | 3B0 | gradational contact with #41 and 43 |
| L | 11563 | 11581 | | 43 | 3G0 | |
| L | 11581 | 11588 | | 44 | 3G0 | gouge and broken core, foot wall contact 0/55° |
| L | 11588 | 11751 | | 45 | 3G0 | minor po porphyroblasts |
| L | 11751 | 11754 | | 46 | 3B3 | carbonate in matrix. |
| L | 11754 | 11815 | | 47 | 3G0 | |
| L | 11815 | 11818 | | 48 | 3B0 | slightly calcareous matrix, |
| L | 11818 | 11820 | | 49 | 3G0 | |
| L | 11820 | 11822 | | 50 | 3B3 | same as #48, possible fold repeat |
| L | 11822 | 11857 | | 51 | 3G0 | |
| L | 11857 | 11860 | | 52 | 3B3 | same as #48, possible fold repeat of #48 + #50 |
| L | 11860 | 11898 | | 53 | 3G0 | |
| L | 11898 | 11914 | | 54 | 3G0 | gouge zone |
| L | 11914 | 12614 | | 55 | 3G0 | minor po porphyroblasts. paler green in colour than the 3G around #45, the transition has been gradational to 3G8 over ~40m. |
| L | 12614 | 12761 | | 56 | 3G8 | gradational contact with #55. |
| L | 12761 | 12764 | | 57 | 3G8 | gouge zone. 0/55 |
| L | 12764 | 12770 | | 58 | 3G8 | |
| L | 12770 | 12772 | | 59 | 3G8 | gouge zone. 0/55° |
| L | 12772 | 12810 | | 60 | 3G0 | greyish colour. fine laminations |
| L | 12810 | 12810 | | 61 | 3G0 | gouge zone. 0/65° |
| L | 12810 | 12856 | | 62 | 3G0 | |
| L | 12856 | 12862 | | 63 | 3G0 | gouge + broken core. 90°/40° |
| L | 12862 | 12874 | | 64 | 3G0 | |
| L | 12874 | 12876 | | 65 | 3G0 | gouge zone |

| Core | From | To | Recov. | No. | Unit | Description |
|------|----------------------------------|---------|--------|-----|-------|---|
| | 10 14 16 20 22 24 26 28 30 34 35 | | | | | |
| L | 1218176 | 121955 | | 166 | 31G01 | |
| L | 121955 | 121958 | | 167 | 31G01 | gouge zone |
| L | 121958 | 1310138 | | 168 | 31G01 | |
| L | 130138 | 130139 | | 169 | 31G01 | gouge zone 0/33° |
| L | 130139 | 1311186 | | 170 | 31G01 | possible talc veins at 313.5 |
| L | 131186 | 131192 | | 171 | 31G01 | gouge zone. 0/77° |
| | | | | | | Slickensides 0/77° |
| L | 131192 | 132174 | | 172 | 31G01 | |
| L | 132174 | 132180 | | 173 | 31G01 | Bx zone post D ₂ , foliated clasts, vein like structure, |
| | | | | | | |
| L | 132180 | 1313131 | | 174 | 31G01 | |
| L | 1313131 | 133132 | | 175 | 31G01 | bx zone, angular clasts, post D ₂ . |
| | | | | | | S.O.S. |
| L | 133132 | 133178 | | 176 | 31G01 | |
| L | 133178 | 131400 | | 177 | 31G01 | bx zone, clasts composed of 3G0, post D ₂ , contact with host rock sharp 0/10°; several individual bx make up this zone. |
| | | | | | | |
| L | 13400 | 135179 | | 178 | 31G01 | |
| L | 135179 | 136104 | | 179 | 44L9 | patchy appearance, minor laminations of po, |
| | | | | | | S.O.S. monotonous sequence |
| L | 136104 | 139105 | | 180 | 31G08 | short intervals of 3G0. ~10 cm wide. |
| | | | | | | |
| L | 139105 | 139106 | | 181 | 31G01 | gouge zone. |
| L | 139106 | 140161 | | 182 | 31G01 | S.O.S. |
| L | 140161 | 140165 | | 183 | 31G08 | zone of broken core & gouge hanging wall contact 0/42° |
| | | | | | | S.O.S. |
| L | 140165 | 141184 | | 184 | 31G08 | |
| L | 141184 | 141185 | | 185 | 31G08 | gouge zone. |
| L | 141185 | 142141 | | 186 | 31G08 | |
| L | 142141 | 142142 | | 187 | 31G08 | gouge zone. 0/55° |
| L | 142142 | 143103 | | 188 | 31G08 | |
| L | 143103 | 143107 | | 189 | 31G08 | gouge zone, |
| L | 143107 | 143113 | | 190 | 31G08 | |

| Code | From | | To | | Recov. | No. | Unit | Description | | |
|------|--------|----|--------|----|--------|-------|-------|--|----|----|
| | 10 | 14 | 16 | 20 | | | | | 22 | 24 |
| L | 14131 | 3 | 14131 | 6 | | 1911 | 3G41 | pale green, no sulphides, same texture as 3G-8, | | |
| L | 14131 | 6 | 14131 | 8 | | 1912 | 3G81 | | | |
| L | 14131 | 8 | 14131 | 9 | | 1913 | 3G81 | gouge zone 0/52, py vein ~ 1cm wide, bearing the same orientation as the gouge zone, possibly the vein is later than fault or about the same time. | | |
| L | 14131 | 9 | 14147 | 8 | | 1914 | 3G819 | small chloritic laminations, gouge zone. | | |
| L | 14147 | 8 | 14147 | 9 | | 1915 | 3G819 | | | |
| L | 14147 | 9 | 14149 | 1 | | 1916 | 3B31 | laminated carbonate + chlorite bands, one thick band of carbonate (dolomite??) doesn't fizz very well, ~ 30 wide included in this unit, carbonate laminations banded, contorted, | | |
| L | 14149 | 1 | 141510 | 4 | | 1917 | 3G81 | S.O.S. | | |
| L | 141510 | 4 | 141510 | 8 | | 1918 | 3B31 | same as #95, less carbonate though, | | |
| L | 141510 | 8 | 141836 | 6 | | 1919 | 3G8 | minor zones of 3G-0, < 1.0 m | | |
| L | 141836 | 6 | 141848 | 8 | | 11010 | 3F7 | fairly clean, minor bands of chlorite, | | |
| L | 141848 | 8 | 141855 | 5 | | 11011 | 3B31 | minor marble bands, chlorite bands, and normal 3G-0. | | |
| L | 141855 | 5 | 141911 | 9 | | 11012 | 3G0 | typical 3G. | | |
| L | 141911 | 9 | 141912 | 9 | | 11013 | 3G7 | chlorite-quartz bands, gradational with 3B0, | | |
| L | 141912 | 9 | 141913 | 1 | | 11014 | 3G75 | laminated bands of chlorite-sericite in a 3G matrix, laminations have a lenticular shape, | | |
| L | 141913 | 1 | 141916 | 2 | | 11015 | 3G01 | | | |
| L | 141916 | 2 | 141919 | 5 | | 11016 | 3G3 | bands of marble up to 10cm wide intercalated with 3G. | | |

| Core | From | | To | | Recov. | No. | Unit | Description | | |
|------|------|----|------|----|--------|------|--------|--|----|----|
| | 10 | 14 | 16 | 20 | | | | | 22 | 24 |
| | | | | | | | | marble becoming more abundant towards the footwall, could be called 308 | | |
| L | 1499 | 5 | 1510 | 26 | | 1107 | 31061 | gradational with #105, no calc-silicate phases developed (metamorphism too low), phyllitic interbeds are normal 360, | | |
| L | 1510 | 26 | 1510 | 49 | | 1108 | 31101 | gradational with #106, grading in from the footwall of 106 | | |
| L | 1510 | 49 | 1510 | 68 | | 1109 | 3105 | bt bands enclosed by marble, becoming more phyllitic towards the footwall, | | |
| L | 1506 | 8 | 1510 | 99 | | 1110 | 31831 | thin bands of marble, chlorite - sericite bands resembling 46, hanging wall gradational with #109 over 10 cm, | | |
| L | 1510 | 99 | 1511 | 16 | | 1111 | 31681 | gradational with 3B, grading into 466 at footwall, | | |
| L | 1511 | 16 | 1511 | 45 | | 1112 | 3467 | typical 46, thin laminations of po, minor cpy, | | |
| L | 1511 | 45 | 1511 | 74 | | 1113 | 31681 | chloritic bands, minor bt bands which are calcareous, | | |
| L | 1511 | 74 | 1511 | 76 | | 1114 | 31681 | gouge zone 340/47° | | |
| L | 1511 | 76 | 1512 | 94 | | 1115 | 31681 | gradational to 380, very chloritic, | | |
| L | 1512 | 94 | 1513 | 19 | | 1116 | 31681 | quartz veining and flooding, minor zones of bleaching, | | |
| L | 1513 | 19 | 1513 | 21 | | 1117 | 316814 | gouge zone 0/21° same orientation as the bleached veins of #115, | | |
| L | 1513 | 21 | 1513 | 28 | | 1118 | 31681 | same as #115, quartz veining and flooding abundant. | | |
| L | 1513 | 28 | 1514 | 55 | | 1119 | 1000 | multi-stage vein with numerous | | |

Structural Log

Date: 27/8/81 Logged By: BVH

| Code | From | | | | To | | | | Feature | S ₀ Dip Direct. | S ₁ | | S ₂ | | Description |
|------|------|----|----|-----|----|----|----|--------|---------|-------------------------------|----------------|-------|----------------|-------|---|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | |
| S | | | | 17 | 2 | | | CIS12 | | | 510 | 1910 | 719 | 11819 | 0.0 - 7.2 overburden. |
| S | | | | 11 | 4 | 6 | | CS12 | | | 415 | 1010 | 617 | | scattered S sym |
| S | | | | 12 | 0 | 7 | | CIS12 | | | | | 810 | | determinations. |
| S | | | | 12 | 3 | 9 | | CSRD | | | 515 | 21710 | 715 | | |
| S | | | | 12 | 6 | 2 | | CIS12 | | | 510 | 1010 | 814 | | |
| S | | | | 13 | 2 | 9 | | CIS12 | | | 217 | 1010 | 815 | | |
| S | | | | 14 | 0 | 2 | | CS12Z | | | | | 710 | | |
| S | | | | 14 | 3 | 7 | | CIS12Z | | | | | 615 | | |
| S | | | | 15 | 2 | 7 | | PS12 | | | | | 718 | | |
| S | | | | 15 | 8 | 9 | | PS12R | | | | | 718 | | brecciated & faulted. |
| S | | | | 16 | 2 | 2 | | CIS12 | | | | | 715 | | |
| S | | | | 16 | 8 | 6 | | CIS12 | | | | | 716 | | |
| S | | | | 17 | 5 | 0 | | CIS12S | | | 419 | 1010 | 711 | | |
| S | | | | 17 | 8 | 6 | | PS12R | | | | | 718 | | Metabasite. |
| S | | | | 18 | 4 | 7 | | CS12 | | | | | 715 | | |
| S | | | | 19 | 0 | 8 | | CIS12 | | | 510 | 1010 | 710 | | |
| S | | | | 19 | 2 | 8 | | CS12S | | | 410 | 1010 | 814 | | |
| S | | | | 19 | 6 | 5 | | CS12Z | | | | | 718 | | |
| S | | | | 110 | 3 | 0 | | CIS12 | | | 414 | 1010 | 715 | | |
| S | | | | 110 | 14 | 4 | | CS12S | | | 518 | 11810 | 712 | | |
| S | | | | 110 | 19 | 6 | | CS12Z | | | 610 | 1010 | 718 | | |
| S | | | | 111 | 16 | 7 | | CS12M | | | | | 815 | | Mixed S & Z symmetry |
| S | | | | 112 | 12 | 1 | | CS12Z | | | | | 713 | | |
| S | | | | 112 | 14 | 3 | | CS123 | | | 610 | 1010 | 610 | | |
| S | | | | 113 | 10 | 4 | | CS12 | | | | | 712 | | |
| S | | | | 113 | 16 | 0 | | CS12Z | | | | | 615 | | scattered S sym at hanging wall of this interval. |
| S | | | | 113 | 17 | 5 | | CS12S | | | 310 | 1010 | 617 | | |
| S | | | | 114 | 2 | 3 | | CS12 | | | | | 714 | | |
| S | | | | 114 | 16 | 4 | | CS12D | | | | | 810 | | |
| S | | | | 115 | 2 | 0 | | CS12S | | | | | 719 | | |
| S | | | | 115 | 7 | 5 | | CS12 | | | | | 510 | | |
| S | | | | 116 | 2 | 9 | | CS12 | | | | | 810 | | |
| S | | | | 116 | 5 | 3 | | CS12M | | | | | 810 | | |
| S | | | | 117 | 10 | 5 | | CS12S | | | 613 | 1010 | 715 | | |

Structural Log

Date: 29/8/81 Logged By: BYH

| Code | From | | | | To | | | | Feature | Sym | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|--------|----|-------|----|----|---------|-----|----------------|-------|----------------|----|----------------|--|-----------------------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | 32 | 34 | 38 | 40 | 44 | | |
| S | | | | 11713 | 1 | CIS12 | Z | | | | 615 | 11810 | 815 | | | | |
| S | | | | 11719 | 2 | CIS12 | | | | | 715 | 1010 | 718 | | | | |
| S | | | | 1186 | 8 | CIS12 | | | | | 613 | 1010 | 810 | | | | scattered s+z symmetry |
| S | | | | 1188 | 3 | CIS12 | M | | | | | | 613 | | | | |
| S | | | | 1194 | 4 | CIS12 | | | | | | | 716 | | | | minor intervals of |
| S | | | | 12010 | 5 | CIS12 | | | | | | | 69 | | | | s sym. |
| S | | | | 12016 | 8 | CIS12 | | | | | | | 717 | | | | |
| S | | | | 12110 | 0 | CIS12 | Z | | | | 910 | 1010 | 515 | | | | |
| S | | | | 12114 | 0 | CIS12 | D | | | | | | 610 | | | | |
| S | | | | 12117 | 3 | CIS12 | Z | | | | 615 | 11810 | 712 | | | | |
| S | | | | 121210 | 3 | CIS12 | D | | | | | | 712 | | | | |
| S | | | | 121216 | 8 | CIS12 | | | | | 612 | 1010 | 715 | | | | minor zones of |
| S | | | | 12132 | 8 | CIS12 | | | | | 615 | 1010 | 717 | | | | s sym. |
| S | | | | 12138 | 9 | CIS12 | | | | | | | 810 | | | | |
| S | | | | 12144 | 0 | CIS12 | Z | | | | 715 | 11810 | 810 | | | | |
| S | | | | 121510 | 7 | CIS12 | | | | | | | 718 | | | | |
| S | | | | 121518 | 0 | CIS12 | M | | | | 710 | 11810 | 815 | | | | |
| S | | | | 121613 | 5 | CIS12 | S | | | | 710 | 11810 | 715 | | | | minor amount of DD |
| S | | | | 12166 | 5 | CIS12 | Z | | | | 812 | 11810 | 715 | | | | |
| S | | | | 12168 | 5 | CIS12 | D | | | | | | 813 | | | | |
| S | | | | 12173 | 7 | CIS12 | | | | | | | 718 | | | | |
| S | | | | 12179 | 8 | CIS12 | | | | | | | 712 | | | | |
| S | | | | 121815 | 9 | CIS12 | | | | | | | 611 | | | | |
| S | | | | 121910 | 3 | CIS12 | S | | | | 510 | 1010 | 718 | | | | |
| S | | | | 12192 | 1 | CIS12 | Z | | | | 315 | 11810 | 812 | | | | |
| S | | | | 121915 | 0 | CIS12 | D | | | | 618 | 11810 | 516 | | | | |
| S | | | | 12197 | 0 | CIS12 | Z | | | | | | 714 | | | | |
| S | | | | 131010 | 0 | CIS12 | S | | | | | | 713 | | | | |
| S | | | | 13110 | 4 | PS12 | P | | | | | | 618 | | | | |
| S | | | | 13112 | 5 | CIS12 | M | | | | | | 615 | | | | Mixed s, z + DD Symmetry |
| S | | | | 13117 | 8 | CIS12 | S | | | | 613 | 1010 | 712 | | | | |
| S | | | | 13122 | 4 | PS12 | P | | | | 610 | 1010 | 710 | | | | |
| S | | | | 13128 | 5 | CIS12 | | | | | | | 516 | | | | |
| S | | | | 13134 | 6 | CIS12 | | | | | 515 | 1010 | 710 | | | | |
| S | | | | 13140 | 7 | CIS12 | | | | | | | 714 | | | | |

Structural Log

| Code | From | | | | To | | | | Feature | SYM | S ₀ | | S ₁ | | S ₂ | | Description |
|------|------|----|----|--------|----|-------|----|----|---------|-----|----------------|---------|----------------|---------|----------------|---------|---------------------|
| | 10 | 14 | 16 | 20 | 22 | 24 | 26 | 28 | | | Dip | Direct. | Dip | Direct. | Dip | Direct. | |
| S | | | | 13415 | 0 | CIS12 | | | | | | | | 812 | | | |
| S | | | | 13416 | 7 | CS12 | S | | | | 715 | 1010 | 78 | | | | |
| S | | | | 13512 | 9 | CIS12 | | | | | | | | 610 | | | |
| S | | | | 13519 | 0 | CIS12 | | | | | | | | 815 | | | |
| S | | | | 13614 | | CIS12 | Z | | | | 615 | 11810 | 70 | | | | |
| S | | | | 13618 | 2 | CIS12 | | | | | | | | 815 | | | |
| S | | | | 13715 | 0 | CIS12 | S | | | | 716 | 1010 | 815 | | | | |
| S | | | | 13718 | 8 | CIS12 | | | | | | | | 810 | | | |
| S | | | | 13813 | 4 | CIS12 | | | | | | | | 417 | | | |
| S | | | | 13819 | 5 | CIS12 | | | | | 615 | 1010 | 812 | | | | |
| S | | | | 13915 | 6 | CIS12 | | | | | | | | 712 | | | |
| S | | | | 14011 | 5 | CIS12 | | | | | | | | 718 | | | |
| S | | | | 14017 | 8 | CIS12 | | | | | | | | 718 | | | |
| S | | | | 14113 | 9 | CIS12 | | | | | | | | 715 | | | |
| S | | | | 14210 | 0 | CIS12 | S | | | | | | | 812 | | | |
| S | | | | 14217 | 2 | PIS12 | | | | | | | | 810 | | | |
| S | | | | 14315 | 3 | PIS12 | P | | | | | | | 610 | | | |
| S | | | | 14318 | 1 | CIS12 | S | | | | 617 | 11810 | 615 | | | | |
| S | | | | 14413 | 8 | CIS12 | | | | | | | | 715 | | | scattered S + Z sym |
| S | | | | 14416 | 0 | CIS12 | Z | | | | | | | 618 | | | mostly S, |
| S | | | | 14513 | 3 | PIS12 | | | | | | | | 810 | | | |
| S | | | | 14519 | 0 | PIS12 | | | | | | | | 715 | | | |
| S | | | | 14615 | 1 | PIS12 | | | | | | | | 713 | | | |
| S | | | | 14711 | 2 | PIS12 | | | | | | | | 712 | | | |
| S | | | | 14717 | 3 | PIS12 | | | | | | | | 810 | | | |
| S | | | | 14812 | 3 | PIS12 | | | | | | | | 816 | | | |
| S | | | | 14919 | 5 | PIS12 | | | | | | | | 716 | | | |
| S | | | | 14916 | 2 | PIS12 | | | | | | | | 813 | | | |
| S | | | | 151010 | 0 | PIS12 | P | | | | | | | 712 | | | |
| S | | | | 151015 | 3 | CIS12 | | | | | | | | 719 | | | |
| S | | | | 15111 | 4 | CIS12 | | | | | | | | 810 | | | S sym |
| S | | | | 15114 | 5 | CIS12 | S | | | | | | | 617 | | | |
| S | | | | 15116 | 5 | CIS12 | Z | | | | | | | 510 | | | |
| S | | | | 15212 | 7 | PIS12 | | | | | | | | 516 | | | |
| S | | | | 15218 | 8 | PIS12 | | | | | | | | 618 | | | |
| S | | | | 15311 | 9 | PIS12 | P | | | | | | | 414 | | | fault zone nearby |

