Dusty Mac
825238

# SUMMARY LOG DM-2

LOCATION: L 7+00N STN 1+28E

ELEVATION: 457m.

AZIMUTH: 225 degrees

DIP: -45 degrees

| | |
|---|---|
| 0-43.7m.: | CASING (lake bed) |
| 43.7-67.7m.: | SANDSTONE and CONGLOMERATE |
| 67.7-81.2m.: | ANDESITE LAHAR with QV FRAGMENTS<br>-5% QV fragments cross-cut by Qtz-carb. veinlets.<br>-Primary or healed breccia? |
| 81.2-103.7m.: | FELDSPAR PORPHYRY ANDESITE FLOW |
| 103.7-115.3m.: | FAULT ZONE<br>-Clay gouge 50-60% to CA (core angle). |
| 115.3-137.7m.: | ANDESITE LAHAR with TUFF<br>-5-8% disseminated py. |
| 137.7-162.5m.: | CONGLOMERATE<br>-some Dacite fragments. |
| 162.5-164.5m.: | FAULT ZONE<br>-Black FGr. matrix with bleached Dacite fragments. |
| 164.5-185.1m.: | ANDESITE LAHAR<br>-10% Hematite, both primary and overprinting. |
| 185.1-199.0m.: | MARAMA DACITE DOME |
| 199.0m.: | ** END OF HOLE** |

NOTE: No obvious CSAMT resistivity high feature to explain the anomally.

G.E. 23/06/88

# SUMMARY LOG DM-3

LOCATION: L 7+00N STN 0+30W

ELEVATION: 460m.

AZIMUTH: 225 degrees

DIP: -45 degrees

| | |
|---|---|
| 0-32.9m.: | CASING |
| 32.9-62.4m.: | ANDESITE LAHAR<br>-5-8% py at 51.2-62.4m. |
| 62.4-70.4m.: | FAULT ZONE<br>-altered Andesite Lahar<br>-10% py, bleaching, Seladenite?<br>-5% QV fragments, 5% later Qtz-carbonate fragments.<br><br>- ** CSAMT resistivity low ** |
| 70.4-85.0m.: | MARAMA DACITE<br>-quite broken. |
| 85.0-87.5m.: | FAULT ZONE<br>-Lahar host. |
| 87.5-98.2m.: | ANDESITE LAHAR with SEDIMENTS |
| 98.2-110.2m.: | ALTERED ANDESITE LAHAR<br>-weakly silicified with thin Qtz.Breccia zones.<br>-10-15% py, trace green micas. |
| 110.2-123.4m.: | ANDESITE TUFF and LAHAR |
| 123.4-129.9m.: | FELDSPAR-PORPHYRY ANDESITE FLOW |
| 129.9-153.9m.: | ANDESITE LAHAR and TUFF |
| 153.9-168.1m.: | ANDESITE LAHAR<br>-with or without hematite alteration. |
| 168.1-182.3m.: | FELDSPAR+PYROXENE PORPHYRY ANDESITE FLOW<br>-with or without hematite alteration. |

182.3-200.3m.: ANDESITE LAHAR
-Hematite altered with Dacite fragments.

200.3m: ** END OF HOLE **

G.E. 26/06/88

## SUMMARY LOG DM-4

LOCATION: L10+00N STN 0+40E

ELEVATION: 460m.

AZIMUTH: 225 degrees

DIP: -45 degrees

# SUMMARY LOG DM-4

LOCATION: L10+00N STN 0+40E

ELEVATION: 460m.

AZIMUTH: 225 degrees

DIP: -45 degrees

| | |
|---|---|
| 0-17.1m.: | CASING |
| 17.1-20.2m.: | DACITE FLOW |
| 20.2-32.7m.: | ANDESITE LAHAR with QV FRAGMENTS<br>-5% laminated Chalcedony fragments.<br>-1% Chalcedony veinlets, 1% disseminated Py, tr. Flourite (equivalent unit to NW showing?). |
| 32.7-94.0m.: | DACITE DOME<br>-Intrudes the lower Lahar unit.<br>-Possibly the CSAMT resistivity high. |
| 94.0-111.5m.: | ANDESITE LAHAR<br>-5% disseminated Py. |
| 111.5-124.2m: | ANDESITE LAHAR<br>-Hematite rich. |
| 124.2-152.5m.: | ANDESITE LAHAR |
| 152.5-180.2m.: | ANDESITE LAHAR<br>-Hematite rich. |
| 180.2-203.2m.: | ANDESITE LAHAR |
| 203.2m.: | ** END OF HOLE ** |

G.E. 28/06/88

# SUMMARY LOG DM-5

LOCATION: L 0+10N STN 1+63W
ELEVATION: 457m.
AZIMUTH: 225 degrees
DIP: -45 degrees

0-18.4m.: CASING

18.4-41.4m.: ANDESITE TUFF and LAHAR
- 34.0 to 41.4m.: 10% Qtz-carb. fragments, 10-15% Py finegrain disseminated (I.P. target), trace green micas.

41.4-59.4m.: ANDESITE LAHAR and TUFF
- 49.8 to 53.3m.: 0.5m. Qtz-carb. breccia with chalcedony fragments and Fluorite veinlets.

59.4-79.4m.: ANDESITE LAHAR

79.4-103.7m.: DACITE FLOW with FLOW-BRECCIA
-Hematite rich matrix.

103.7-111.3m.: DACITE DOME

111.3m.: ** END OF HOLE **

NOTE: Casing was pulled successfully this time!

G.E. 04/07/88

[X]  XTALK - MINEN OR ENVOY

[EN C]  ENABLE - WORD PROCESS OR SPREADSHEET

[DSTATS]  QGAS STATISTICS

[AC] AUTOCAD

CHOOSE ONE OF THE ABOVE OR GO TO THE DIRECTORY OF
YOUR CHOICE!

<C:\>

# SUMMARY LOG DM-1

LOCATION: L 2+00N STN 0+70E
ELEVATION: 463m.
AZIMUTH: 225 degrees
DIP: -45 degrees

| | |
|---|---|
| 0-12.4m.: | CASING |
| 12.4-22.4M.: | ANDESITE LAHAR with SEDIMENTS. |
| 22.4-69.7m.: | FELDSPAR PORPHYRY ANDESITE FLOW (competent).<br>N.B. This of the Qtz. Breccia cap corresponds to the CSAMT resistivity high.<br>-(66.3-69.7m.) Tectonic Bx averages 10% disseminated and Qtz.-carb. fragments. |
| 69.7-70.5m.: | VERTICAL FAULT with a QTZ-CARBONATE BRECCIA.<br>-Similar to Qtz Bx in pit. |
| 70.5-103.2m.: | FELDSPAR PORPHYRY ANDESITE FLOW. |
| 103.2-109.9m.: | ANDESITE LAHAR. |
| 109.9-119.2m.: | FELDSPAR PORPHYRY ANDESITE FLOW. |
| 119.2-134.1m.: | FAULT ZONE with QTZ-CARB. STOCKWORK.<br>-Vertical fault with 5% Qtz-carb. veins and 10% disseminated py.<br>-(133.3-134.1m.) Another Qtz-carb. Bx similar to pit area with trace Cpy and possibly Tetrahedrite.<br>-This zone correlates with a moderate I.P. anomally and the CSAMT resistivity low and appears to be the main structure to the West of the pit. |
| 134.1-147.9m.: | ANDESITE LAHAR with SEDIMENTS. |
| 147.9-152.3m.: | FELDSPAR and PYROXENE ANDESITE FLOW.<br>-15% py, 5% Qtz-carb. veinlets, 1% green micas. |
| 152.3-168.7m.: | ANDESITE LAHAR. |
| 168.7-191.4m.: | ANDESITE RICH CONGLOMERATE and SEDIMENTS.<br>-includes coal seams. |
| 191.4-203.3m.: | ANDESITE LAHAR. |
| 203.3m.: | ** END OF HOLE ** |

G.E.-19/06/88

# SUMMARY LOG DM-1

LOCATION: L 2+00N STN 0+70E
ELEVATION: 463m.
AZIMUTH: 225 degrees
DIP: -45 degrees

| | |
|---|---|
| 0-12.4m.: | CASING |
| 12.4-22.4M.: | ANDESITE LAHAR with SEDIMENTS. |
| 22.4-69.7m.: | FELDSPAR PORPHYRY ANDESITE FLOW (competent).<br>N.B. This of the Qtz. Breccia cap corresponds to the CSAMT resistivity high.<br>-(66.3-69.7m.) Tectonic Bx averages 10% disseminated and Qtz.-carb. fragments. |
| 69.7-70.5m.: | VERTICAL FAULT with a QTZ-CARBONATE BRECCIA.<br>-Similar to Qtz Bx in pit. |
| 70.5-103.2m.: | FELDSPAR PORPHYRY ANDESITE FLOW. |
| 103.2-109.9m.: | ANDESITE LAHAR. |
| 109.9-119.2m.: | FELDSPAR PORPHYRY ANDESITE FLOW. |
| 119.2-134.1m.: | FAULT ZONE with QTZ-CARB. STOCKWORK.<br>-Vertical fault with 5% Qtz-carb. veins and 10% disseminated py.<br>-(133.3-134.1m.) Another Qtz-carb. Bx similar to pit area with trace Cpy and possibly Tetrahedrite.<br>-This zone correlates with a moderate I.P. anomally and the CSAMT resistivity low and appears to be the main structure to the West of the pit. |
| 134.1-147.9m.: | ANDESITE LAHAR with SEDIMENTS. |
| 147.9-152.3m.: | FELDSPAR and PYROXENE ANDESITE FLOW.<br>-15% py, 5% Qtz-carb. veinlets, 1% green micas. |
| 152.3-168.7m.: | ANDESITE LAHAR. |
| 168.7-191.4m.: | ANDESITE RICH CONGLOMERATE and SEDIMENTS.<br>-includes coal seams. |
| 191.4-203.3m.: | ANDESITE LAHAR. |
| 203.3m.: | ** END OF HOLE ** |

22.4-69.7m.: FELDSPAR PORPHYRY ANDESITE FLOW (competent).
N.B. This of the Qtz. Breccia cap corresponds to the CSAMT resistivity high.
-(66.3-69.7m.) Tectonic Bx averages 10% disseminated and Qtz.-carb. fragments.

69.7-70.5m.: VERTICAL FAULT with a QTZ-CARBONATE BRECCIA.
-Similar to Qtz Bx in pit.

70.5-103.2m.: FELDSPAR PORPHYRY ANDESITE FLOW.

103.2-109.9m.: ANDESITE LAHAR.

109.9-119.2m.: FELDSPAR PORPHYRY ANDESITE FLOW.

119.2-134.1m.: FAULT ZONE with QTZ-CARB. STOCKWORK.
-Vertical fault with 5% Qtz-carb. veins and 10% disseminated py.
-(133.3-134.1m.) Another Qtz-carb. Bx similar to pit area with trace Cpy and possibly Tetrahedrite.
-This zone correlates with a moderate I.P. anomally and the CSAMT resistivity low and appears to be the main structure to the West of the pit.

134.1-147.9m.: ANDESITE LAHAR with SEDIMENTS.

147.9-152.3m.: FELDSPAR and PYROXENE ANDESITE FLOW.
-15% py, 5% Qtz-carb. veinlets, 1% green micas.

152.3-168.7m.: ANDESITE LAHAR.

168.7-191.4m.: ANDESITE RICH CONGLOMERATE and SEDIMENTS.
-includes coal seams.

191.4-203.3m.: ANDESITE LAHAR.

203.3m.: ** END OF HOLE **

G.E.-19/06/88

# SUMMARY LOG DM-6

LOCATION: L 2+00N STN 1+80W
ELEVATION: 465m. (approx.)
AZIMUTH: 225 degrees
DIP: -45 degrees

| | |
|---|---|
| 0-9.2m.: | CASING |
| 9.2-16.1m.: | ALTERED ANDESITE FLOW<br>- 15% Py, 15% Qtz-carbonate veins. |
| 16.1-26.9m.: | PYRITIC ALTERED ANDESITE FLOW<br>- 15-20% Qtz-carb. veins, 20% Py, 5-10% Silica fragments, Talc? |
| 26.9-48.4m.: | FELDSPAR-PORPHYRY ANDESITE FLOW<br>- minor alteration. |
| 48.4-62.8m.: | PYRITIC ANDESITE FLOW<br>- Weakly silicified with 2% Green Micas and 20% fine-grain Pyrite. |
| 62.8-67.7m.: | QUARTZ BRECCIA<br>- Strong silicification with a Chalcedony matrix, 10% Pyrite, 1% fine-grain black Sulphide.<br>- Zone is very similar to the "A Zone" Quartz Breccia. |
| 67.7-76.2m.: | PYRITIC ANDESITE FLOW<br>- Vertical shear zone.<br>- Moderately silicified with 15-20% Py. |
| 76.2-100.6m.: | ANDESITE LAHAR |
| 100.6m.: | ** END OF HOLE ** |

NOTE: Mineralized zone correlates well with an I.P. anomally and a CSAMT resistivity low.

G.E. 05/06/88

100.6m.: ** END OF HOLE **

NOTE: Mineralized zone correlates well with an I.P. anomally and a CSAMT resistivity low.

G.E. 05/06/88

## SUMMARY LOG DM-7

LOCATION: L 2+90N STN 2+10W
ELEVATION: 475m. (approx.)
AZIMUTH: 225 degrees
DIP: -45 degrees

0-6.1m.: CASING

6.1-19.4m.: FELDSPAR PORPHYRY ANDESITE FLOW

19.4-45.7m.: ALTERED ANDESITE FLOW
- Average 10% Py, vertical alteration with 30% silicification, minor Sericite alteration, trace Flourite.

45.7-53.7m.: ANDESITE LAHAR

53.7-83.3m.: ALTERED ANDESITE
- Average 20% Py, vertical alteration.
- Weak pervasive silicification with some Sericite. (This zone hosts the Quartz Breccia in DM-6)

83.3-102.1m.: ANDESITE LAHAR

102.1m.: ** END OF HOLE **

N.B.: Zones correlate well with the I.P. chargeability high and the CSAMT resistivity low.

G.E. 07/07/88

# 1988 DM TRENCHING RESULTS

(Samples BCS 10456-10475 and BCS 10251-10260)

Posted: Wed Jul 6 1988 10:38 AM PDT Msg: YVNA-9345-2000
From: OFFICE
TO: FALC.COPPER
Subject: PROJ.235 FILE 8-742R/P2

FILE:8-742R/P2 VALUES IN PPM

| SAMPLE NAME | AG | AS | BA | CU | PB | SB | ZN | AU-PPB |
|---|---|---|---|---|---|---|---|---|
| BCS10426 | .8 | 17 | 42 | 16 | 18 | 2 | 56 | 3 |
| BCS10427 | .5 | 19 | 39 | 17 | 16 | 2 | 54 | 6 |
| BCS10428 | 2.8 | 23 | 51 | 17 | 20 | 1 | 63 | 10 |
| BCS10429 | .7 | 15 | 159 | 17 | 57 | 1 | 53 | 7 |
| BCS10430 | 1.3 | 36 | 222 | 13 | 73 | 1 | 64 | 4 |
| BCS10431 | 1.3 | 39 | 120 | 8 | 23 | 1 | 43 | 6 |
| BCS10432 | 1.5 | 50 | 64 | 10 | 22 | 1 | 51 | 8 |
| BCS10433 | .3 | 25 | 50 | 14 | 26 | 2 | 72 | 7 |
| BCS10434 | .3 | 32 | 35 | 13 | 24 | 2 | 75 | 5 |
| BCS10435 | 1.2 | 62 | 29 | 11 | 22 | 2 | 74 | 252 |
| BCS10436 | .3 | 17 | 74 | 19 | 23 | 2 | 88 | 8 |
| BCS10437 | .1 | 12 | 48 | 13 | 4 | 2 | 95 | 5 |
| BCS10438 | .9 | 41 | 129 | 13 | 22 | 2 | 51 | 7 |
| BCS10439 | .5 | 23 | 114 | 8 | 31 | 2 | 68 | 2 |
| BCS10440 | .2 | 3 | 84 | 15 | 13 | 2 | 69 | 6 |
| BCS10441 | .3 | 2 | 60 | 11 | 20 | 1 | 83 | 4 |
| BCS10442 | .8 | 36 | 80 | 13 | 27 | 1 | 60 | 10 |
| BCS10443 | 1.1 | 11 | 2967 | 16 | 25 | 2 | 66 | 2 |
| BCS10444 | .2 | 1 | 87 | 23 | 19 | 2 | 69 | 15 |
| BCS10445 | 1.1 | 10 | 145 | 32 | 25 | 1 | 74 | 8 |
| BCS10446 | 1.6 | 7 | 143 | 5 | 17 | 1 | 1 | 32 2 |
| BCS10447 | 1.9 | 9 | 519 | 17 | 21 | 1 | 54 | 3 |
| BCS10448 | 4.1 | 14 | 494 | 20 | 22 | 1 | 35 | 3 |
| BCS10449 | .5 | 14 | 454 | 5 | 22 | 1 | 37 | 1 |
| BCS10450 | .6 | 13 | 166 | 6 | 10 | 1 | 25 | 1 |
| BCS10451 | 1.7 | 18 | 226 | 5 | 16 | 1 | 60 | 3 |
| BCS10452 | 1.0 | 30 | 1089 | 11 | 19 | 1 | 54 | 4 |
| BCS10453 | .9 | 21 | 504 | 10 | 27 | 1 | 46 | 5 |
| BCS10454 | .8 | 32 | 357 | 12 | 27 | 2 | 51 | 12 |
| BCS10455 | 1.0 | 33 | 534 | 6 | 22 | 1 | 31 | 10 |
| BCS10456 | .5 | 17 | 392 | 6 | 23 | 1 | 54 | 2 |
| BCS10457 | .6 | 20 | 537 | 6 | 19 | 1 | 65 | 1 |
| BCS10458 | .8 | 9 | 124 | 47 | 16 | 1 | 45 | 3 |
| BCS10459 | .9 | 6 | 558 | 20 | 12 | 1 | 47 | 1 |
| BCS10460 | 1.0 | 19 | 150 | 11 | 15 | 1 | 46 | 12 |
| BCS10461 | 1.8 | 53 | 502 | 18 | 14 | 1 | 55 | 153 |
| BCS10462 | 2.7 | 23 | 95 | 8 | 17 | 1 | 59 | 14 |
| BCS10463 | .9 | 5 | 118 | 25 | 23 | 1 | 58 | 6 |
| BCS10464 | .6 | 16 | 121 | 21 | 20 | 3 | 66 | 3 |
| BCS10465 | 1.0 | 9 | 76 | 17 | 19 | 2 | 72 | 2 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BCS10466 | 2.3 | 19 | 102 | 96 | 36 | 2 | 146 | 4 |
| BCS10467 | 6.3 | 4 | 113 | 340 | 391 | 1 | 461 | 279 |
| BCS10468 | 1.3 | 18 | 71 | 27 | 23 | 3 | 81 | 2 |
| BCS10469 | 2.4 | 14 | 77 | 8 | 17 | 1 | 52 | 8 |
| BCS10470 | 1.6 | 13 | 188 | 5 | 19 | 1 | 46 | 4 |
| BCS10471 | .9 | 17 | 150 | 11 | 14 | 2 | 69 | 7 |
| BCS10472 | .7 | 3 | 197 | 10 | 14 | 2 | 82 | 20 |
| BCS10473 | 1.0 | 24 | 69 | 5 | 19 | 2 | 74 | 6 |
| BCS10474 | 2.3 | 19 | 238 | 7 | 11 | 1 | 70 | 22 |
| BCS10475 | 1.2 | 12 | 204 | 8 | 17 | 1 | 70 | 4 |
| BCS10251 | .2 | 10 | 344 | 5 | 20 | 2 | 143 | 17 |
| BCS10252 | 1.7 | 8 | 1272 | 9 | 20 | 3 | 51 | 2 |
| BCS10253 | .9 | 3 | 396 | 17 | 21 | 3 | 41 | 5 |
| BCS10254 | 1.2 | 6 | 147 | 10 | 18 | 3 | 70 | 2 |
| BCS10255 | 1.1 | 1 | 186 | 27 | 23 | 2 | 85 | 16 |
| BCS10256 | .3 | 34 | 80 | 25 | 18 | 1 | 158 | 6 |
| BCS10257 | .7 | 1 | 268 | 20 | 32 | 2 | 93 | 20 |
| BCS10258 | .2 | 1 | 43 | 9 | 14 | 2 | 59 | 8 |
| BCS10259 | 2.0 | 28 | 53 | 16 | 23 | 1 | 69 | 32 |
| BCS10260 | 2.2 | 46 | 53 | 14 | 17 | 1 | 66 | 37 |

Posted: Wed Jul 6 1988 10:39 AM PDT Msg: CVNA-0445-2000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-742R/P3

FILE:8-742R/P3 VALUES IN PPM

| SAMPLE NAME | AG | AS | BA | CU | PB | SB | ZN | AU-PPB |
|---|---|---|---|---|---|---|---|---|
| BCS10476 | .8 | 12 | 193 | 12 | 10 | 3 | 88 | 10 |
| BCS10477 | 1.4 | 28 | 364 | 7 | 19 | 3 | 64 | 4 |
| BCS10478 | 2.0 | 28 | 148 | 5 | 14 | 1 | 20 | 12 |
| BCS10479 | .3 | 1 | 86 | 7 | 11 | 2 | 97 | 2 |
| BCS10480 | 1.4 | 9 | 188 | 7 | 16 | 3 | 127 | 1 |
| BCS10481 | 1.4 | 12 | 127 | 13 | 29 | 3 | 76 | 3 |
| BCS10482 | 2.0 | 25 | 97 | 9 | 17 | 1 | 42 | 2 |
| BCS10483 | 1.8 | 1 | 74 | 6 | 14 | 2 | 66 | 1 |
| BCS10484 | .1 | 23 | 122 | 8 | 22 | 2 | 69 | 5 |