# DRILL LOG

HOLE NO CC-13
COORDINATES 00N, 775W
DIP & STRIKE Vertical

LENGTH 177'
HOLE STARTED June 20, 1977
HOLE COMPLETED June 22, 1977

ELEVATION
CLIENT
PROPERTY Caucomgo
Grid B

| FROM | TO | DESCRIPTION |
|---|---|---|
| 0 | 4 | Overburden |
| 4 | 12 | Siliceous volcanics, tentatively rhyolite tuff, massive to faintly laminated 1/10"-1/4" (@ 5' dip 60°) lighter and darker layers - grey fine-grained, quartz-calcite veins, calcite along fractures |
| 12 | 21 | Transition zone between rhyolite tuff and calcareous shale, i.e., calcareous rhyolite tuff (calcite in matrix) and tuffaceous or gritty calcareous rock |
| 21 | 78 | Calcareous shale - see description for CC-12, i.e., description for principal type) in addition - 1-3' layers more massive limestone, some fragmented lenses, layering dips 30-40°, possible fossils at 46', 49', crinoid stems at 49' |
| 78 | 82 | transition zone, many 2" quartz-calcite veins in grey, very fine matrix and felsic and calcareous fragments |
| 82 | 177 | Andesite pyroclastic - name tentative, typically fine-grained, green matrix with angular and rounded chlorite or dark green fine-grained rock fratments commonly 1/50" to 1/4" diameter - also intermittent zones with felsic light grey, and dark grey fragments, common calcite veining with probable other light minerals, selvage common chalcopyrite, sphallerite, galena with veining from 84-127', best section 89.0-99.5 |

# DRILL LOG

HOLE NO CC-13
COORDINATES ON + 775W
DIP & STRIKE Vertical

LENGTH 177'
HOLE STARTED June, 1977
HOLE COMPLETED June, 1977

ELEVATION
CLIENT NEJV
PROPERTY Caucomgomoc

| FROM | TO | DESCRIPTION | ASSAYS | | | |
|---|---|---|---|---|---|---|
| | | Sulphides of CC-13 | | | | |
| 4 | 79 | < % as pyrite specks and tiny stringers | | | | |
| 79 | 84 | < % as pyrite specks and tiny stringers | | | | |
| 84 | 89.0 | < 2% as pyrite, sphallerite, galena, and chalcopyrite (all specks) | | | | |
| 89.0 | 90.3 | pyrite = ± 2-5%,<br>chalcopyrite @ ± 1.5% Cu to 2.5% Cu<br>~~sphallerite @ ± 1%~~<br>galena @ ± 5% or ± 2.5=3.0% Pb | | | | |
| 90.3 | 95.4 | sulphides @ ± 2-5% - specks, stringers of pyrite sphallerite, galena | | | | |
| 95.4 | 99.5 | pyrite = ± 5-10%<br>chalcopyrite = ± 2-5% or ± 0.5-1.2% Cu<br>~~sphallerite = ± 1% or ± 0.2-0.5% Zn~~<br>galena = ± 5% or ± 3.0% Pb | | | | |
| 99.5 | 104 | ± 2% overall as pyrite (1/4" veinlet of galena/chalcopyrite) | | | | |
| 104 | 114 | ± 2-5% (@ 104.7-150.0 Cu = 0.5, 0.1 Zn, 1.0 Pb) | | | | |
| 114 | 125 | sulphides overall @ ± 2.5%<br>(116.8-117.4) chalcopyrite = 2% or 0.6 Cu<br>~~galena = 2% or 1.2 Pb~~<br>sphallerite = 0.5% or 0.2 Zn | | | | |
| 125 | 135 | sulphides overall = 5-10%<br>@ 125.7-127.1 Cu = ± 0.8 - 1.2%<br>Zn = 0.3%<br>Gal = 1.2% | | | | |
| 135 | 145 | sulphides as pyrite ± 2% | | | | |
| 145 | 177 | sulphides as pyrite < % | | | | |
| | 177 | Bottom of hole!!!! | | | | |

J. S. Cummings, Inc.

DDH CC-13 (Assays for Portion of Hole)

| DEPTH (FEET) FROM COLLAR | % Zn | % Cu | % Pb | Oz/Ag | Oz/Au |
|---|---|---|---|---|---|
| 84 - 88.5 | 0.40 | 0.006 | Trace | | |
| 88.5 - 90.3 | 1.85 | 0.560 | 3.05 | 0.2 | Trace |
| 90.3 - 95.3 | 0.50 | 0.075 | 0.35 | | |
| 95.3 - 99.6 | 1.50 | 0.308 | 0.10 | 0.1 | Trace |
| 99.6 -104.7 | 0.50 | 0.069 | 0.15 | | |
| 104.7 -114.7 | Trace | 0.006 | Trace | | |
| 114.7 -124.7 | 0.05 | 0.044 | 0.10 | | |
| 124.7 -127.7 | 0.65 | 0.220 | 0.70 | 0.2 | Trace |
| 127.7 -135 | None | 0.006 | None | | |