# PROGRESS REPORT

82E/6

AJAX MERCURY MINES LTD.
EXPLORATION PROGRAM
at BEAVERDELL, B.C.

by:
J.W. Murton, B.Sc.

Aug. 13, 1969

August 11th, 1969.

Mr. W.F. Knox,
President,
Ajax Mercury Mines Ltd.,
685 - #2 Bentall Centre,
Vancouver, 1, B.C.

Dear Mr. Knox:

We submit herewith a report concerning the exploration work completed during 1969 to date at your Beaverdell group of claims.

SUMMARY

Surface diamond drilling, overburden trenching and general reconnaissance has been carried out over your company's optioned claim group near Beaverdell during June-July 1969.

Sampling of old trenches and adits located on the Gold Drop Fraction, Gold Drop mineral claim, Alaska mineral claim, Standard and Rambler mineral claims, has indicated quartz zones with low-grade silver values in the range of 0.1 - 3 oz./ton.

Exceptions have been intersections in DDH's S-17, S20 and S25, as detailed later, and a patch of high-grade galena with tetrahedrite occurring in a shaft on the Gold Drop claim. Diamond drilling has been completed on this latter showing with disappointing results. No economic mineralization worthy of further work has been outlined, however, on your group of claims.

INVESTIGATION OF GEOCHEMICAL ANOMALIES

Tractor trenching carried out on geochemical anomalies resulting from last year's work returned generally negative results, as described hereunder:

(a) Anomaly at coordinates 16+00N and 41+00W was trenched to expose a narrow zone of rusty alteration on a small shear zone. Possible upgrading of value of sample due to drainage conditions in immediate area was indicated.

(b) Anomaly at coordinates 16N and 34W disclosed minor rust condition of the bedrock but no significant mineralization.

(c) The anomalies at coordinates 20N and 24W, at 28N and 26W and at 56N and 12W were found to be due to sample location in a small draw with enrichment due to drainage conditions.

(d) Investigation of the anomaly at coordinates 24N and 2W disclosed one high sample value had been obtained on a barren rocky knoll with little or no overburden. No explanation can be given for this high assay value.

(e) The anomaly at coordinates 38N and 14W was stripped to expose a scattered rusty condition of the bedrock and a 3" quartz vein with slight pyrite and galena at coordinates 37+50N and 14+00W. A sample taken across the quartz vein assayed a trace of silver.

(f) Anomaly #3 at coordinates 64-66N and 23-24W was found to be due to drainage conditions on the hillside on line 64N and the proximity of the swamp on line 66N.

(g) Anomaly #2 (long anomaly below and on strike of Buster workings) was stripped at several locations, i.e. (56+00N & 8+00W, 57+00N and 9+50W, 62+00N and 13+00W) to expose a narrow (2") zone of rust along a shear zone. A higher sample value within the anomaly at 58N and 10W was due to sample location in a swamp condition.

(h) Isolated anomalies at coordinates 58N and 7W, and 62N and 9W were due to swamp conditions at the sample location.

(i) Anomaly at coordinates 62N and 4W was due to proximity of an old cut, with possible contamination due to blasting.

(j) Anomaly #1 at coordinates 70N and 5W was stripped to expose a 2" rusty shear zone lying flat on the bedrock surface. Two diamond drill holes in the area indicated coarse unaltered quartz diorite. There is a good possibility that the values resulted from contamination due to blasting at the nearby Rambler workings.

(k) The anomaly at coordinates 66N and 1E was due to rusty shear zones and narrow patchy quartz stringers exposed by stripping. Five inclined surface diamond drill holes disclosed no mineralization of economic significance.

(l) An old shaft in the vicinity of 22N on the baseline was sampled to yield Au Tr., Ag 1.0, Cu Tr., Pb 0.2 and Zn 0.2 over 0.6'. Slight malachite staining was evident in the quartz vein showing in the shaft and several small nearby cuts.

In general, the low silver values returned from the geochemistry do not lend themselves to favourable consideration for further exploration by trenching or diamond drilling of the remaining geochemical anomalies.

DIAMOND DRILL RESULTS

The results of the diamond drilling conducted during and subsequent to the tractor trenching follow:

| DDH No. | Co-ordinates | Magnetic Bearing | Dip | Intersection Width - ft. | Assay Values Au Ozs/ton | Ag Ozs/ton | % Pb | % Zn |
|---|---|---|---|---|---|---|---|---|
| S-14 | 65+55N 2+35W | S 20° E | -45° | - | - | - | - | - |
| S-15 | 65+25N 1+85W | S 10° E | -45° | - | - | - | - | - |
| S-16 | 65+30N 1+80W | N 10° W | -40° | - | - | - | - | - |
| S-17 | 64+85N 2+25W | N 20° W | -45° | 0.7' | - | 10.5 | - | - |
| S-18 | 64+85N 2+25W | N 20° W | -73° | - | - | - | - | - |
| S-19 | 65+85N 1+50W | N 87° E | -45° | - | - | - | - | - |
| S-20 | 65+85N 1+50W | S 75° E | -12° | 1.6' | .03 | 0.3 | 1.15 | 1.22 |
| S-21 | 63+40N 3+20W | N 10° W | -85° | - | - | - | - | - |
| S-22 | 63+40N 3+20W | N 10° W | -70° | 4.3' | - | 0.2 | - | - |
| S-23 | 63+38N 3+20W | N 10° W | -90° | - | - | - | - | - |
| S-24 | 64+30N 4+00W | S 20° E | -72° | 4.0' | - | 0.1 | - | - |
| S-25 | 64+17N 4+10W | N 20° W | -90° | 1.1') } 0.6') | $\frac{53.41}{1.7}$ | (36.4 ( )84.6 | 3.35 | 8.95 |
| | | | | 1.8' | | 3.3 | | |

| DDH No. | Co-ordinates | Magnetic Bearing | Dip | Inter-section Width - ft. | Assay Values Au Ozs/ton | Ag Ozs/ton | % Pb | % Zn |
|---|---|---|---|---|---|---|---|---|
| S-26 | 64+17N 4+10W | N 20° W | -80° | - | - | - | - | - |
| S-27 | 63+85N 4+10W | N 20° W | -50° | - | - | - | - | - |
| S-28 | 63+85N 4+10W | N 20° W | -70° | 1.4' | - | 2.2 | - | - |
| S-29 | 63+85N 4+10W | N 20° W | -90° | 2.0' | - | 0.6 | - | - |
| S-30 | 70+05N 4+85W | S 35° E | -45° | - | - | - | - | - |
| S-31 | 70+05N 4+85W | S 35° E | -90° | - | - | - | - | - |
| S-32 | 19+75N 29W | N 57° E* | -50° | - | - | - | - | - |
| S-33 | " | N 57° E* | -70° | - | - | - | - | - |
| S-34 | 20+15N 29+40W | S 35° E* | -55° | - | - | - | - | - |
| S-35 | 20+40N 29+90W | S 10° W* | -60° | - | - | - | - | - |

* Bearings for these holes are true N.

Detailed logs for these holes are attached to this report

SURFACE SAMPLING

On the Standard claim in the Buster area, several small old open cuts and trenches exposed a quartz vein similar in appearance to that in the main Buster workings. Sampling of these zones indicated values in the range of 0.2 to 1.5 oz.Ag/ton.

On the Gold Drop Fraction, a series of adits and pits on a 6" - 1' quartz vein were sampled, with values indicated in the range of 0.16 to 7.40 oz. Ag and from.008 to 0.28 oz. Au/ton.

The Gold Drop claim represents an area of previous work in which a mineralized shear zone has been opened by a series of cuts, a shaft, and a lower adit. Sampling results as shown on the attached map were disappointing. One erratic high-grade silver assay, #4121, resulted from an isolated patch of sulphide mineralization, two to three feet long and six inches wide, within an otherwise near barren quartz vein.

A series of cuts were sampled in the area of 68N-70N with low silver results as indicated on the attached map. Further stripping and trenching has not indicated any mineralization of interest.

Respectfully submitted,

BACON & CROWHURST LTD.

J.W. Murton, B.Sc.

5800 E

5900 E

6000 E

4100 N

4000 N

A35

A36

CABIN

A36A

A36B

A36C

A37

A37A

A37B

No. 4122 0·6 Ag

No. 4123 1·5 Ag

No. 4125 0·3 Ag.

5W

6W

54N
SECTION
LINE

TRENCH

A38

A38A

A38B

No. 4124 0·2 Ag.

50°

BACON & CROWHURST LTD.
VANCOUVER BRITISH COLUMBIA

# AJAX MERCURY MINES LTD.

## BEAVERDELL AREA, B. C.

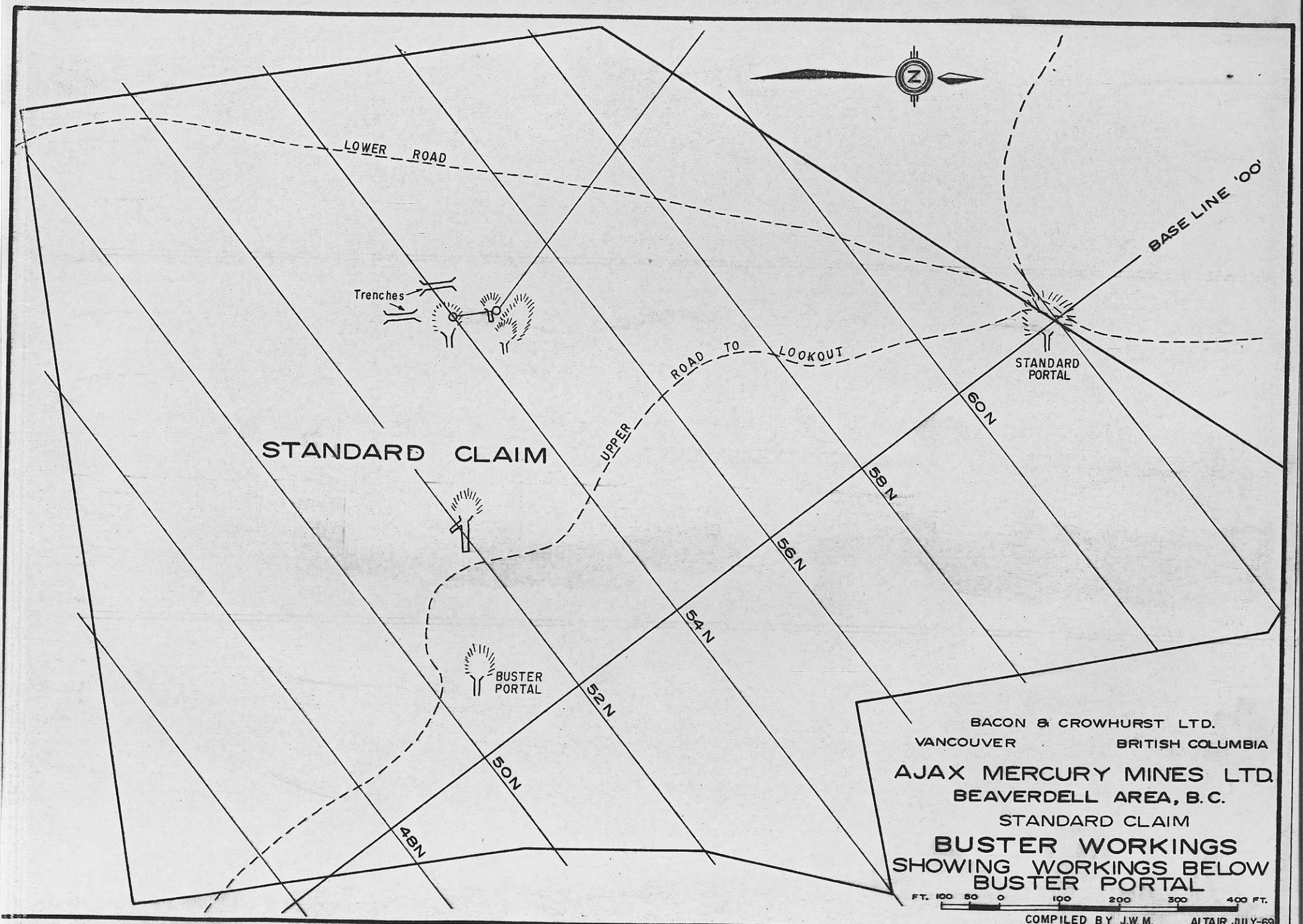
STANDARD CLAIM

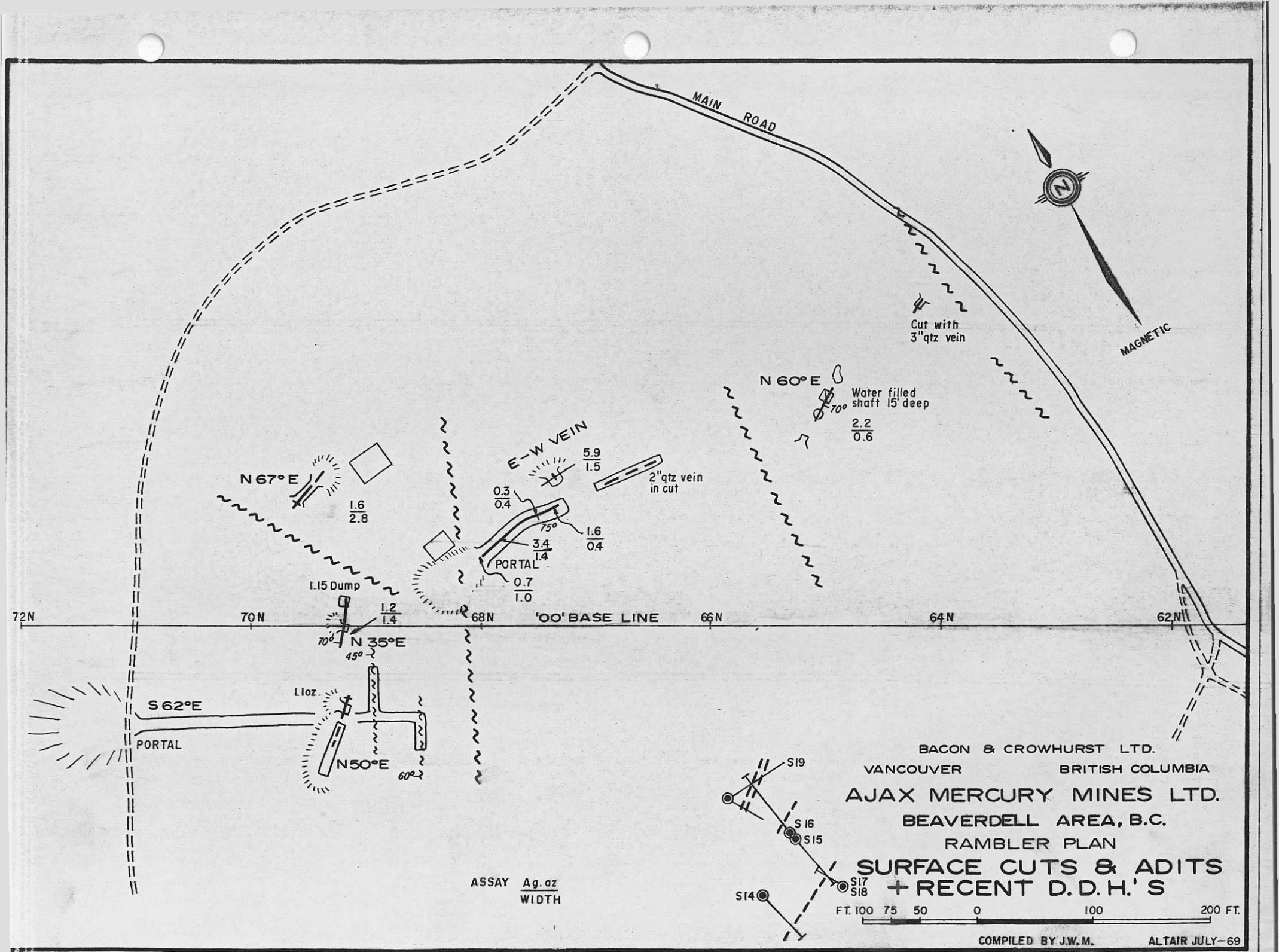
## BUSTER WORKINGS BELOW MAIN TUNNEL

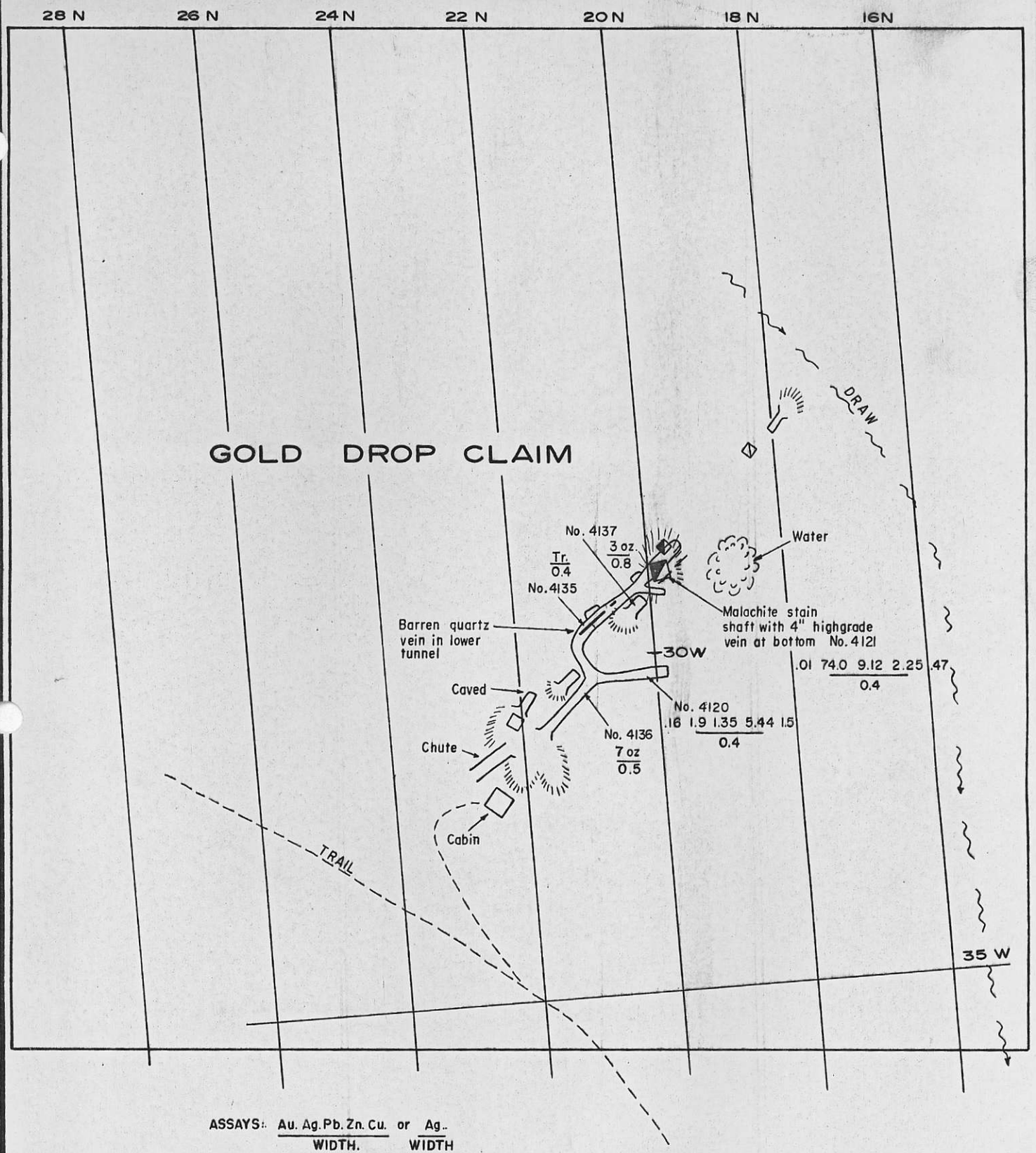
SHOWING SAMPLE LOCATIONS & ORIENTATION TO GRID

FEET 20 15 10 0 20 40 FEET

COMPILED BY J.W.M. ALTAIR JULY-1969


LOWER ROAD
BASE LINE '00'
Trenches
STANDARD PORTAL
ROAD TO LOOKOUT
UPPER
STANDARD CLAIM
60N
58N
56N
54N
52N
50N
48N
BUSTER PORTAL
BACON & CROWHURST LTD.
VANCOUVER
BRITISH COLUMBIA
AJAX MERCURY MINES LTD.
BEAVERDELL AREA, B.C.
STANDARD CLAIM
BUSTER WORKINGS
SHOWING WORKINGS BELOW BUSTER PORTAL
FT. 100 50 0 100 200 300 400 FT.
COMPILED BY J.W.M.
ALTAIR JULY-69


MAIN ROAD
N
MAGNETIC
Cut with 3"qtz vein
N 60° E
Water filled shaft 15' deep
70°
2.2
0.6
E-W VEIN
5.9
1.5
2"qtz vein in cut
N 67° E
1.6
2.8
0.3
0.4
75°
1.6
0.4
3.4
1.4
PORTAL
0.7
1.0
1.15 Dump
1.2
1.4
70°
N 35° E
45°
72N
70N
68N
'00' BASE LINE
66N
64N
62N
L1oz.
S 62° E
PORTAL
N 50° E
60°
S19
S16
S15
S17
S18
S14
ASSAY Ag. oz
WIDTH
FT. 100 75 50 0 100 200 FT.
BACON & CROWHURST LTD.
VANCOUVER BRITISH COLUMBIA
AJAX MERCURY MINES LTD.
BEAVERDELL AREA, B.C.
RAMBLER PLAN
SURFACE CUTS & ADITS
+ RECENT D.D.H.'S
COMPILED BY J.W.M.
ALTAIR JULY-69

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VANCOUVER BRITISH COLUMBIA

# AJAX MERCURY MINES LTD.

## BEAVERDELL AREA, B.C.

# SKETCH OF WORKINGS ON GOLD DROP CLAIM LOCATED FROM GRID

FEET 200 150 100 0 200 400 FEET

COMPILED BY J.W.M.

ALTAIR JULY-1969


30' Tunnel 6' winze
8"—1' qtz. vein + py
on dump Au. ·028
Ag. 7·40

STRIKE N80°E

80°

4" oxidized qtz vein
Au. ·008
Ag. ·16

6"—8" qtz vein + py
on dump Au. ·012
Ag. ·20

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# AJAX MERCURY MINES LTD.
## BEAVERDELL AREA, B.C.

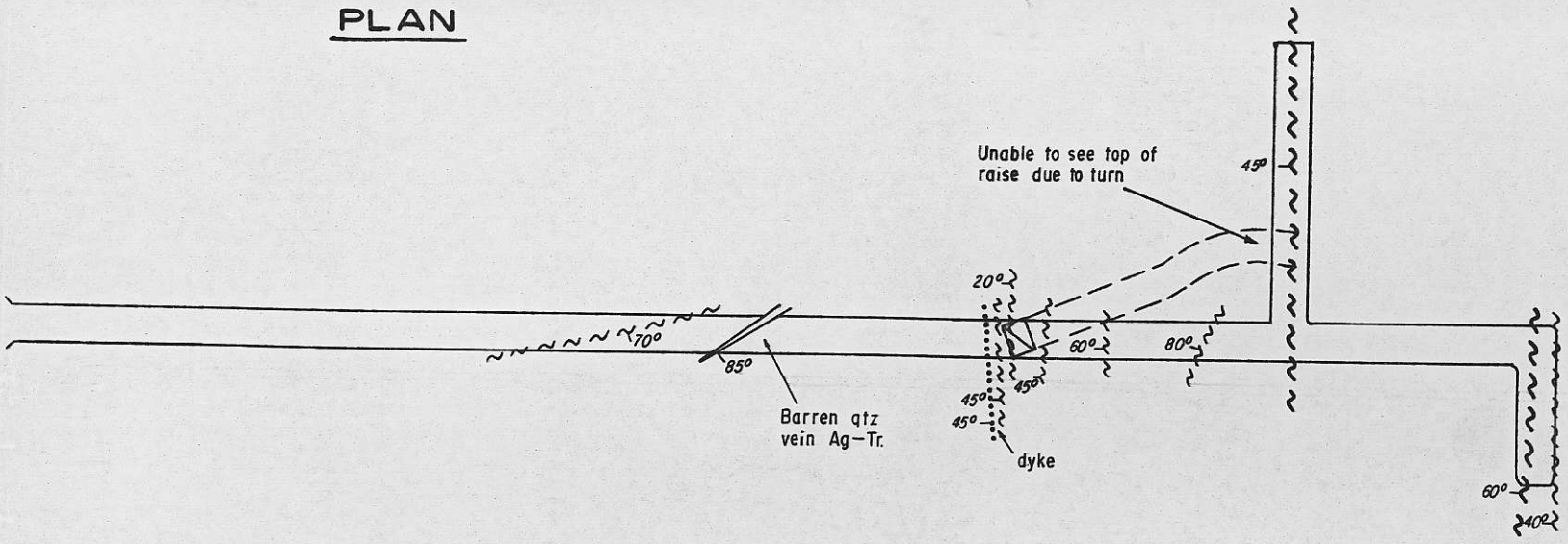
## GOLD DROP FRACTION

FEET 200 150 100 0 200 400 FEET

COMPILED BY J.W.M

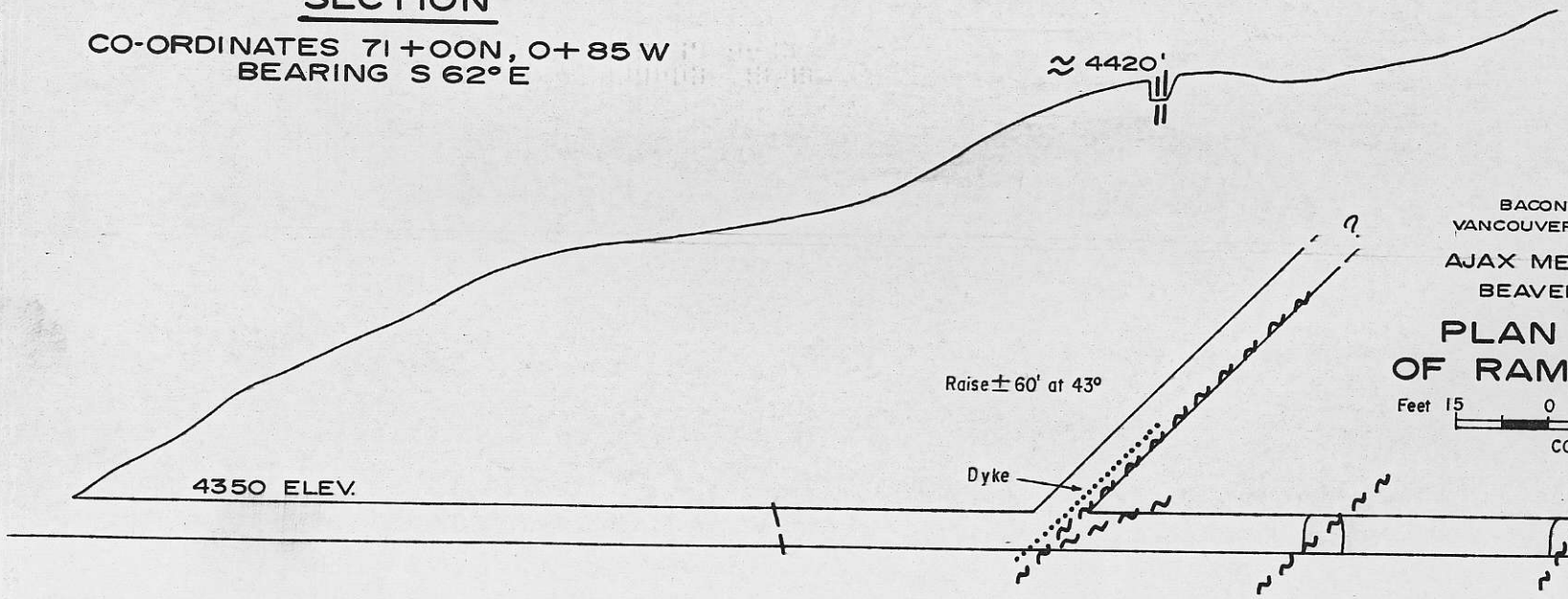
ALTAIR JULY-69

## PLAN




## SECTION

CO-ORDINATES 71+00N, 0+85W
BEARING S 62° E

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AJAX MERCURY MINES LTD.
BEAVERDELL AREA, B.C.

# PLAN & SECTION OF RAMBLER TUNNEL

Feet 15 0 15 30 45 Feet

COMPILED BY J.W.M.

ALTAIR JULY–1969

AJAX MERCURY BEAVERDELL

DDH LOGS - JULY, 1969

DDH S - 14 Dip - 45°, BRG S20°E, Co-ords 65 + 55N / 2 + 35W

| | |
|---|---|
| 0 - 5 | Casing |
| 5 - 41.5 | Very slightly altered quartz diorite. Broken up to 15'. Fault @ 42.5' (80° to core) |
| 41.5 - 46 | Chloritic green alteration of quartz diorite. Fault @ 44 (60° to core) Specks pyrite with hematite @45' |
| 46 - 72 | Very slightly altered quartz diorite. Faulting 49 - 51, 63, 67.5 - 69. |

End of hole.

DDH S - 15 Dip - 45°, BRG S10°E, Co-ords 65 + 25N / 1 + 85W

| | |
|---|---|
| o - 4 | Casing |
| 4 - 71 | Very slightly altered quartz diorite. Broken up to 5.0'. Minor alteration 6 - 7, 13 - 13.5. 1" quartzy material with very slight pyrite @ 25.0. Lost core 20 - 24. 4" chloritic alteration with very slight pyrite @ 28.5, 29.6 and 66.7. Fault @ 47'. |

End of hole.

DDH S - 16 Dip - 40°, BRG N10°W, Co-ords 65 + 30N / 1 + 80W

| | |
|---|---|
| 0 - 5 | Casing |
| 5 - 17 | Chloritized quartz diorite. Rusty and oxidized on shears. Badly broken up. Faults @ 4, 6, 11, 13, 16. |
| 17 - 81 | Very slightly altered quartz diorite. Slight chloritic alteration 33.5 - 37, 38 - 40. Faults 48.5' and 53' |

End of hole.

| | | |
|---|---|---|
| DDH S - 17 | Dip - 45°, BRG N20°W, Co-ords | 64 + 85N<br>2 + 25W |
| 0 - 4 | Casing | |
| 4 - 8.2 | Altered and chloritized quartz diorite. Sections rusty and broken. | |
| 8.2 - 8.9 | Quartzy altered quartz diorite. Mineralized with slight pyrite and trace native silver. #4116 10.5 oz./ton Ag. | |
| 8.9 - 14 | Chloritized quartz diorite. Very slight quartz @ 10' (½" stringer) | |
| 14 - 42 | Unaltered quartz diorite. Chloritic alteration 25 - 28. | |

End of hole.

| | | |
|---|---|---|
| DDH S - 18 | Dip - 73°, BRG N 20°W, Co-ords | 64 + 85N<br>2 + 25W |
| 0 - 2 | Casing | |
| 2 - 5 | Very slightly altered quartz diorite. | |
| 5 - 14 | Chloritized quartz diorite. Fault @ 12.5' | |
| 14 - 20 | Very slightly altered quartz diorite. | |
| 20 - 22.5 | Chloritized quartz diorite. Very slight quartz and pyrite @ 20.5 - 20.7. | |
| 22.5 - 33 | Very slightly altered quartz diorite. | |

End of hole.

| DDH S - 19 | Dip - 45° | BRG N87°E | Co-ords | 65 + 85N<br>1 + 50W |
|---|---|---|---|---|

| | |
|---|---|
| 0 - 4 | Casing |
| 4 - 7 | Altered quartz diorite. Rusty and broken. |
| 7 - 43 | Very slightly altered quartz diorite. |

End of Hole.

| DDH S - 20 | Dip - 12° | BRG S75°E | Co-ords | 65 + 85N<br>1 + 50W |
|---|---|---|---|---|

| | |
|---|---|
| 0 - 17 | Slightly altered quartz diorite. Sections chloritic, broken and rusty. |
| 17 - 18.6 | Quartzy chloritic diorite with very slight pyrite and sphalerite #4118. Au.03 Ag 0.3 Pb 1.15 Zn 1.22 |
| 18.6 - 21 | Slightly chloritic quartz diorite. |
| 21 - 68 | Very slightly altered quartz diorite. Chloritic alteration from 31 - 33 and 64.5 - 68 (very slight pyrite). |

End of Hole.

| DDH S - 21 | Dip - 85° | BRG N10°W | Co-ords | 63 + 40N<br>3 + 20W |
|---|---|---|---|---|

| | |
|---|---|
| 0 - 2 | Casing |
| 2 - 91 | Slightly altered quartz diorite. Chloritic alteration from 6 - 10, 16 - 18.5, 21 - 27, 49 - 52, 74 - 86 (very slight pyrite). Low angle (20° to core) 2" quartz stringer 22 - 24, with very slight pyrite and hematite. Fault @ 40.5 |

End of Hole.

DDH S - 22 Dip - 70° BRG N10°W Co-ords 63 + 40N, 3 + 20W

| | |
|---|---|
| 0 - 4 | Casing |
| 4 - 6 | Very slightly altered quartz diorite. |
| 6 - 19 | Chloritized quartz diorite. 13 - 17.3 quartzy chloritic diorite with slight pyrite and hematite. #4128 0.2 Ag |
| 19 - 26 | Very slightly altered quartz diorite<br>22.7 - 23.4, green andesitic dyke. |
| 26 - 52 | Chloritic quartz diorite. Very slight pyrite.<br>½" slightly mineralized quartz stringers @ 36 and 51.<br>Fault 41 - 43. Sections slightly altered quartz diorite<br>37 - 40, and 43 - 49. |
| 52 - 59 | Very slightly altered quartz diorite. |

End of hole.

DDH S-23 Dip - 90° BRG N10°W Co-ords 63 + 38N, 3 + 20W

| | |
|---|---|
| 0 - 2 | Casing |
| 2 - 24 | Very slightly altered quartz diorite. Chloritic alteration from 5 - 6. |
| 24 - 29 | Chloritic quartz diorite. Barren ½" quartz stringer @ 24.5 (low angle to core). |
| 29 - 52 | Very slightly altered quartz diorite. Chloritic alteration 39.5 - 42.5. |
| 52 - 65 | Chloritic quartz diorite. |
| 65 - 66 | Very slightly altered quartz diorite. |

End of hole.

DDH S - 24 Dip - 72° BRG S20°E Co-ords 64 + 30N, 4 + 00W

| | |
|---|---|
| 0 - 19 | Rusty chloritic quartz diorite. Scattered slight pyrite 18.5 - 19 quartzy chloritic diorite. Very slight pyrite, galena and sphalerite specks. #4129 15'- 19' (0.1 Ag) Broke through into tunnel connecting shafts. |

End of hole.

DDH S - 25 Dip - 90° BRG N20°W Co-ords 64 + 17N, 4 + 10W

| | |
|---|---|
| 0 - 2 | Casing |
| 2 - 26 | Very slightly altered quartz diorite. 2" andesite dyke @17.5. Fault @ 26. |
| 26 - 27.6 | Chloritic quartz diorite. Native silver in low angle seam 27 - 27.6 #4130 26.5' - 27.6' (36.4 oz. Ag.) |
| 27.6 - 29.0 | Quartzy ore. 2" solid sulphides pyrite, sphalerite, slight galena and pyrargyrite @28. Heavy native silver around 28. 60° to core. #4131 27.6' - 28.2 (Ag 84.6 Pb 3.35 Zn 8.96) # 4132 28.2'- 30.0' (Ag 3.3) |
| 29 - 45 | Chloritic quartz diorite. Sections slightly altered. |
| 45 - 68 | Very slightly altered quartz diorite. |

End of hole.

| | | | | |
|---|---|---|---|---|
| DDH S - 26 | Dip - 80° | BRG N20°w | Co-ords | 64 + 17N<br>4 + 10W |

| | |
|---|---|
| 0 - 2 | Casing |
| 2 - 70 | Very slightly altered quartz diorite. Faults @24, 41, 57. |

End of Hole.

| | | | | |
|---|---|---|---|---|
| DDH S - 27 | Dip - 50° | BRG N20°W | Co-ords | 63 + 85N<br>4 + 10W |

| | |
|---|---|
| 0 - 7 | Casing |
| 7 - 43 | Very slightly altered quartz diorite. Lost water @ 40. |

End of hole.

| | | | | |
|---|---|---|---|---|
| DDH S - 28 | Dip - 70° | BRG N20°W | Co-ords | 63 + 85N<br>4 + 10W |

| | |
|---|---|
| 0 - 7 | Casing |
| 7 - 9 | Very slightly altered quartz diorite. |
| 9 - 16 | Chloritic quartz diorite. Faults 12, 13, 14 |
| 16 - 38 | Slightly altered quartz diorite. Sections very slight chloritic alteration. |
| 38 - 42.2 | Chloritized quartz diorite. |
| 42.2 - 43.6 | Low grade quartz zone. Slight pyrite #4133 Ag 2.2 oz/ton |
| 43.6 - 49 | Slightly chloritized quartz diorite. Faults 47, 47.5 |

DDH S - 28 continued . .

DDH S - 28 (continued)

| | |
|---|---|
| 49 - 62.3 | Very slightly altered quartz diorite. |
| 62.3 - 69 | Chloritized quartz diorite |
| 69 - 73 | Very slightly altered quartz diorite. |

End of Hole.

DDH S - 29 Dip - 90° BRG N20°W Co-ords 63 + 85N, 4 + 10W

| | |
|---|---|
| 0 - 5 | Casing |
| 5 - 53 | Very slightly altered quartz diorite. Fault @22 |
| 53 - 53.8 | Chloritized quartz diorite. |
| 53.8 - 55.8 | Quartzy chloritic quartz diorite. Short sections quartz with slight pyrite, hematite and very slight sphalerite. #4134 0.6 oz./ton Ag. |
| 55.8 - 56.5 | Chloritized quartz diorite. |
| 56.5 - 62 | Very slightly altered quartz diorite. |

End of Hole.

DDH S - 30 Dip - 45° BRG S35°E Co-ords 70 + 05N, 4 + 85W

| | |
|---|---|
| 0 - 3 | Casing |
| 3 - 68 | Very slightly altered quartz diorite. |

End of Hole.

AJAX MERCURY - BEAVERDELL

DDH LOGS - JULY, 1969



| | | | | |
|---|---|---|---|---|
| DDH S - 31 | Dip - 90° | BRG S35°E | Co-ords | 70 + 05N<br>4 + 85W |

0 - 2 Casing

2 - 65 Very slightly altered to coarse quartz diorite.

End of Hole.

WM/gp

AJAX MERCURY - BEAVERDELL

DDH LOGS - July 1969

| | |
|---|---|
| S-32 | Dip -50°, Bearing N57°E True, Coordinates 19+75N 29+00W |
| 0-6 | Casing |
| 6-24.5 | Slightly altered quartz diorite. Rusty & broken to 21'. 3" barren quartz @ 16.8. |
| 24.5-33.5 | Chloritic alteration of quartz diorite. |
| 33.5-41.0 | Slightly altered quartz diorite. |
| End of Hole | |
| S-33 | Dip -70°, Bearing N57°E True, Coordinates 19+75N 29+00W |
| 0-4 | Casing |
| 4-17 | Very slightly altered quartz diorite. |
| 17-23 | Chloritized quartz diorite. Faults 17.5 & 19. |
| 23-31 | Very slightly altered quartz diorite. Fault @ 28. |
| 31-39 | Chloritized quartz diorite. Slightly quartzy @ 34. Faults 33 & 37. |
| 39-68 | Slightly altered quartz diorite. |
| End of Hole | |
| S-34 | Dip -55°, Bearing S35°E True, Coordinates 20+15N 29+40W |
| 0-4 | Casing |
| 4-46 | Very slightly altered quartz diorite. Faults 25 &44. |
| 46-46.8 | Rusty quartzy chloritized quartz diorite. |
| 46.8-49.0 | Quartz zone. Very slight pyrite & galena. 30° to core. |
| 49.0-55 | Chloritized, bleached quartz diorite. Sections slightly quartzy. |
| 55-66 | Slightly altered quartz diorite. Sections slightly chloritic. |
| End of Hole | |

| | |
|---|---|
| S-35 | Dip -60°, Bearing S10°W True, Coordinates 20+40N 29+90W |
| 0-2 | Casing |
| 2-43 | Very slightly altered quartz diorite. Slightly chloritic sections from 36-38, 39.5-40.5. |
| 43-53 | Bleached chloritic quartz diorite. Scattered very slight pyrite. |
| 53-59 | Slightly altered quartz diorite. |
| End of Hole | |

# AJAX MERCURY - BEAVERDELL

## 1968 DD Core - Logged July 1969

M-1

| | |
|---|---|
| 0-29 | Slightly altered quartz diorite. Sections chloritic alteration. |
| 29-31 | Chloritic quartz diorite. Quartzy with slight pyrite, galena & sphalerite from 29.7-30.4 (sample saved). |
| 31-55 | Very slightly altered quartz diorite. |
| 55-105 | Chloritic quartz diorite. Very slight pyrite 58-59. Slightly quartzy with very slight pyrite 65.6-67.0 & 73-78. Very slight pyrite 83-84 & 85.5-87.0. Fault @ 93. |

End of Hole

M-2

| | |
|---|---|
| 0-51.5 | Slightly altered quartz diorite. Sections slightly chloritic. Faults @ 11 & 13.<br>17.5-18.5 Very slight pyrite in quartz (sample saved).<br>22.5-25.0 Very slight pyrite in slightly chloritic quartz diorite (sample saved). |
| 51.5-78 | Chloritic quartz diorite. 2" quartz, sphalerite & pyrite @ 53, 45° to core. 1" quartz, pyrite, sphalerite and galena @ 62 & @ 76.5 (box saved - no sampling). |
| 78-101 | Slightly altered quartz diorite. 2" mud @ 83-85.<br>Fault @ 92. |

End of Hole

M-3

| | |
|---|---|
| 0-18 | Slightly altered quartz diorite. |
| 18-22 | Chloritic quartz diorite. Very slight quartz & pyrite 19-21. |
| 22-41 | Slightly altered quartz diorite. Sections chloritic. |
| 41-45 | Chloritic quartz diorite. Very slight quartz. |
| 45-54 | Slightly altered quartz diorite. |

M-3 (cont'd.)

| | |
|---|---|
| 54-57 | Chloritic quartz diorite, 1" higrade stringer pyrite, galena & sphalerite @ 56. |
| 57-77 | Very slightly altered quartz diorite 76-79 (sample saved). |
| 77-79 | Andesite dyke. |
| 79-82 | Slightly altered quartz diorite. |
| End of Hole | |

M-4

| | |
|---|---|
| 0-26 | Chloritic quartz diorite. 1" pyrite, galena & sphalerite @ 11 (sample saved 10.5-11.5). Slight pyrite 20.6-22.4 (sample saved). |
| 26-73.6 | Slightly altered quartz diorite, 54-55 chloritic. |
| 73.6-75.6 | Slightly chloritic quartz diorite. 1" quartz & pyrite @ 74.5 (sample saved 73.6-75.6). |
| 75.6-130 | Slightly altered quartz diorite. 108.6-109.8 (sample saved). |
| 130-134.5 | Slightly chloritic quartz diorite. Very slight pyrite. |
| 134.5-160 | Slightly altered quartz diorite. Sections chloritic. |
| End of Hole | |

M-5

| | |
|---|---|
| 0-43 | Slightly altered quartz diorite. Sections very slightly chloritic. 15-21 (sample saved) very very slight pyrite. |
| End of Hole | |

M-6

| | |
|---|---|
| 0-15 | Very slightly altered quartz diorite. |
| 15-18 | Chloritic quartz diorite. 1" pyrite, galena & sphalerite @ 16. 15-17 (sample saved). |
| 18-55 | Slightly altered quartz diorite. Sections chloritic. Very slight pyrite 32-33 (sample saved). 49-52 (sample saved). |

M-6 (cont'd)

| | |
|---|---|
| 55-135.5 | Chlorite quartz diorite. Sections slightly altered. Very slight pyrite 76-77 (sample saved). Quartz sections from 83-84 & 89.6-91, very slight pyrite. 1/4" pyrite, galena & sphalerite @ 116. Slight pyrite 115.5-119 (sample saved). Faults 83 & 111. Slight pyrite 134.5-135.5. |
| 135.5-186 | Very slightly altered quartz diorite. Fault zone 138.5-143. 1/4" quartz & slight pyrite @ 147. (Sample saved 146-147.5) |

End of Hole

M-7

| | |
|---|---|
| 0-26 | Slightly altered quartz diorite. 20-23 chloritic alteration. |
| 26-41 | Slightly chloritic quartz diorite with very slight quartzy sections. 39-41 slight pyrite (sample saved). |
| 41-79 | Slightly altered quartz diorite. Chloritic 49-51. 1" quartz, pyrite & slight sphalerite @ 50.5. |

End of Hole

M-8

| | |
|---|---|
| 0-80 | Very slightly altered quartz diorite. Slight pyrite 16-16.5 (sample saved 16-18.5). Chloritic & quartzy @ 20, 31-36 & 60-62. Faults 70 & 72. |

End of Hole

M-9

| | |
|---|---|
| 0-22 | Slightly altered quartz diorite. |
| 22-24 | Chloritic alteration. 23.1-23.7 quartzy with slight pyrite, galena & sphalerite (sample saved). |
| 24-35 | Slightly altered quartz diorite. |
| 35-39 | Chloritic quartz diorite. |
| 39-57.5 | Slightly altered quartz diorite. Sections chloritic. |
| 57.5-62 | Chloritic quartz diorite. 58.2-60.2 quartzy with slight pyrite (sample saved). |
| 62-71 | Broken rusty pebbles. Appears to have broken through to old stope, or surface. |

End of Hole

M-10

| | |
|---|---|
| 0-31 | Chloritic quartz diorite. Sections slightly quartzy. 8.5-12 (sample saved). |
| 31-55 | Slightly altered quartz diorite. |
| 55-60 | Slightly chloritic quartz diorite. Slight pyrite 58-60 (sample saved). |

End of Hole

M-11

| | |
|---|---|
| 0-34 | Chloritic quartz diorite. Scattered very slight pyrite (sample saved 6-8). Fault @ 15. |
| 34-59 | Slightly altered quartz diorite. |
| 59-78 | Chloritic quartz diorite. Scattered barren quartz stringers 2"-3". |
| 78-81 | Slightly altered quartz diorite. |

End of Hole

M-12

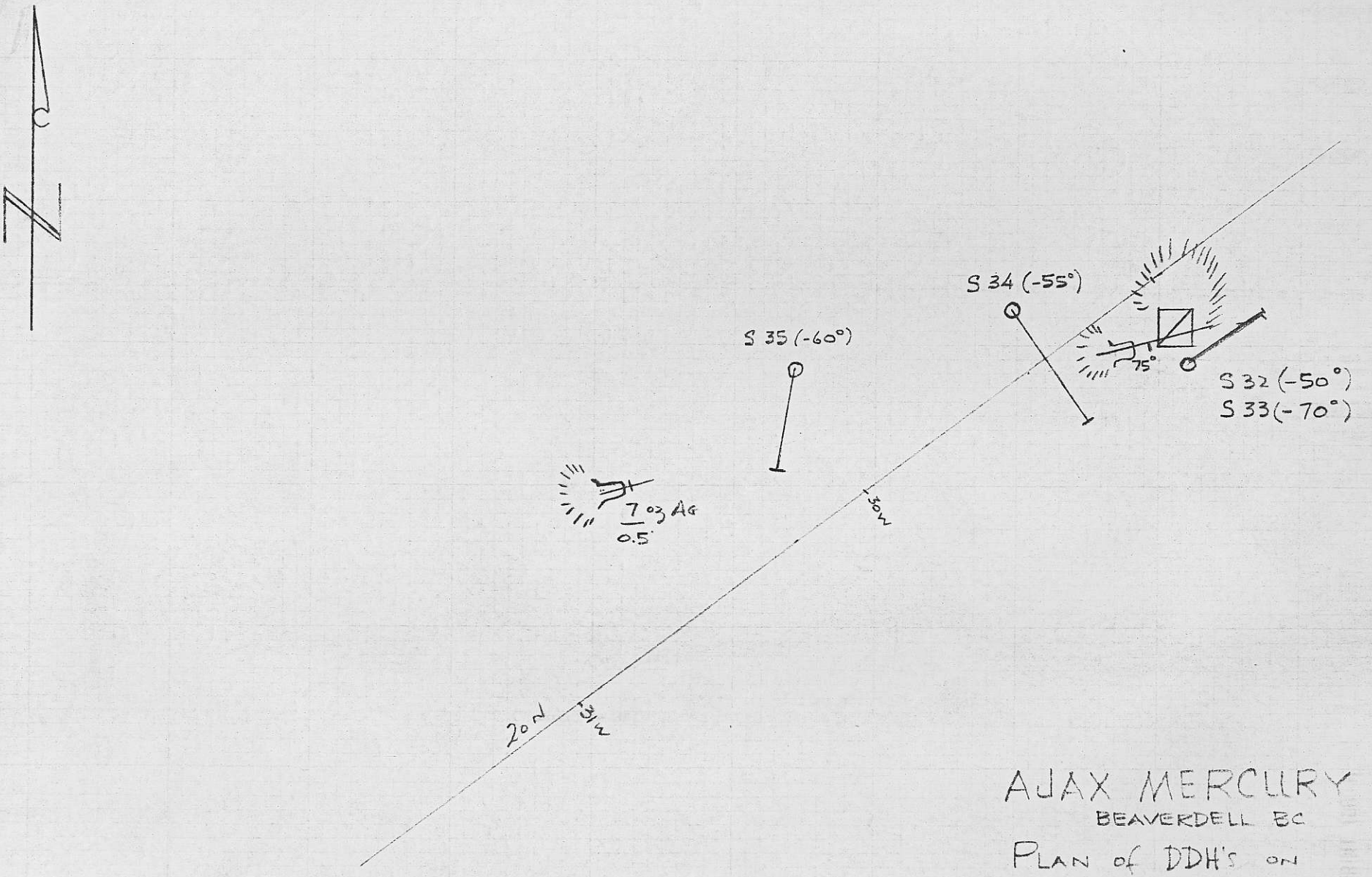
| | |
|---|---|
| 0-39 | Chloritic quartz diorite. Short sections slightly altered. Fault @ 14. |
| 39-54 | Slightly altered quartz diorite. |
| 54-58 | Andesite dyke. |
| 58-64 | Slightly altered quartz diorite. |
| 64-67.6 | Chloritic quartz diorite. 65.6-67.6 (sample saved - 8" quartz vein with pyrite). |
| 67.6-74 | Andesite dyke. |
| 74-76 | Coarse diorite. (split core). |

End of Hole

M-13

| | |
|---|---|
| 0-76 | Slightly altered quartz diorite. |
| 76-80 | Andesite. |
| 80-100 | Chloritic quartz diorite. Faulting 80-93. |
| 100-132 | Slightly altered quartz diorite. |
| 132-137 | " chloritic " " |
| 137-145 | " altered " " |
| 145-147 | Chloritic quartz diorite. Very slight pyrite (sample saved). |
| 147-154 | Slightly altered quartz diorite. Fault @ 154. |
| 154-159 | Chloritic " " |
| 159-193 | Slightly altered " " (188-189.5 sample saved-barren). |
| 193-211 | Chloritic " " (204-209 slight pyrite - sample saved). |
| 211-217 | Slightly altered quartz diorite. |

End of Hole



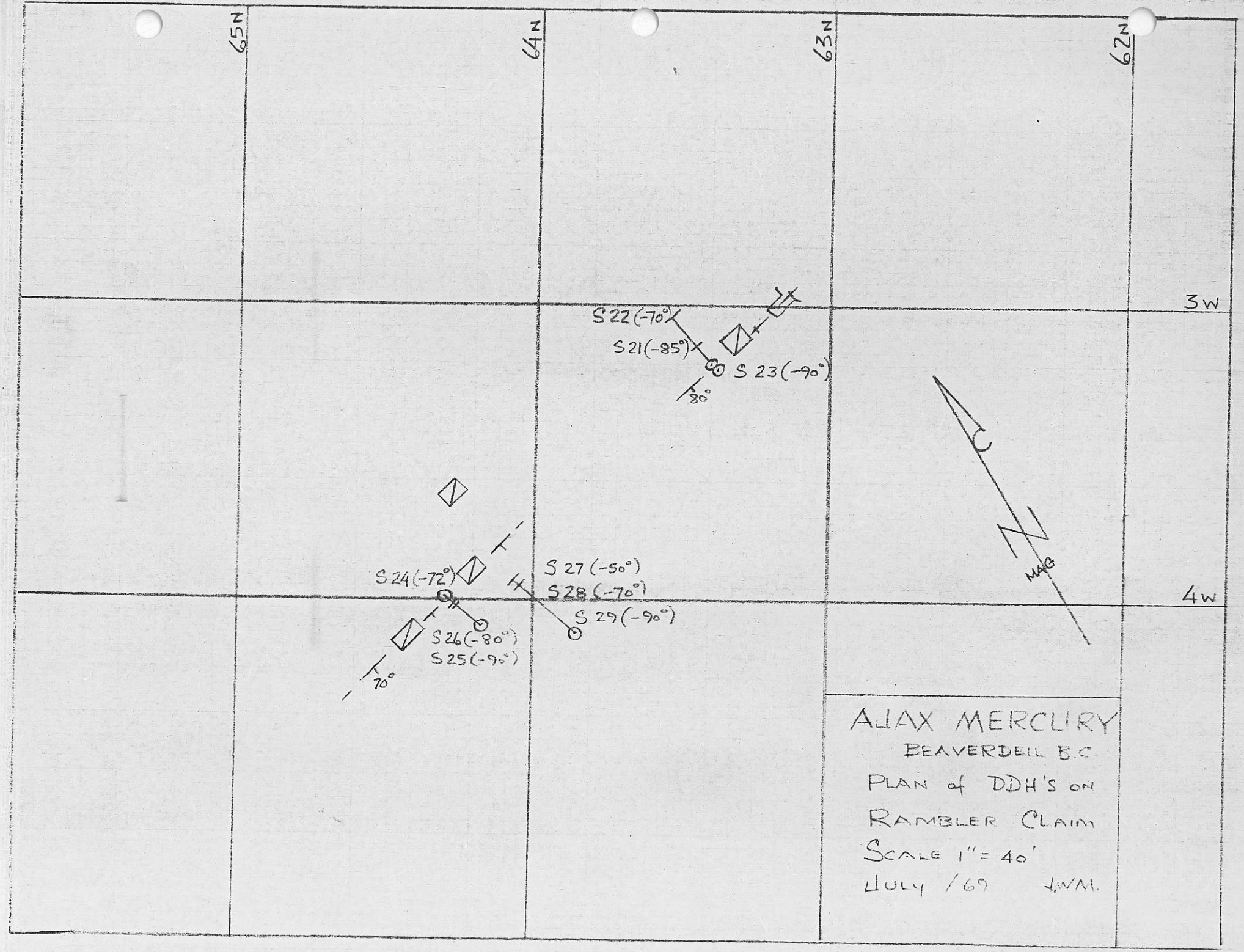

# AJAX MERCURY

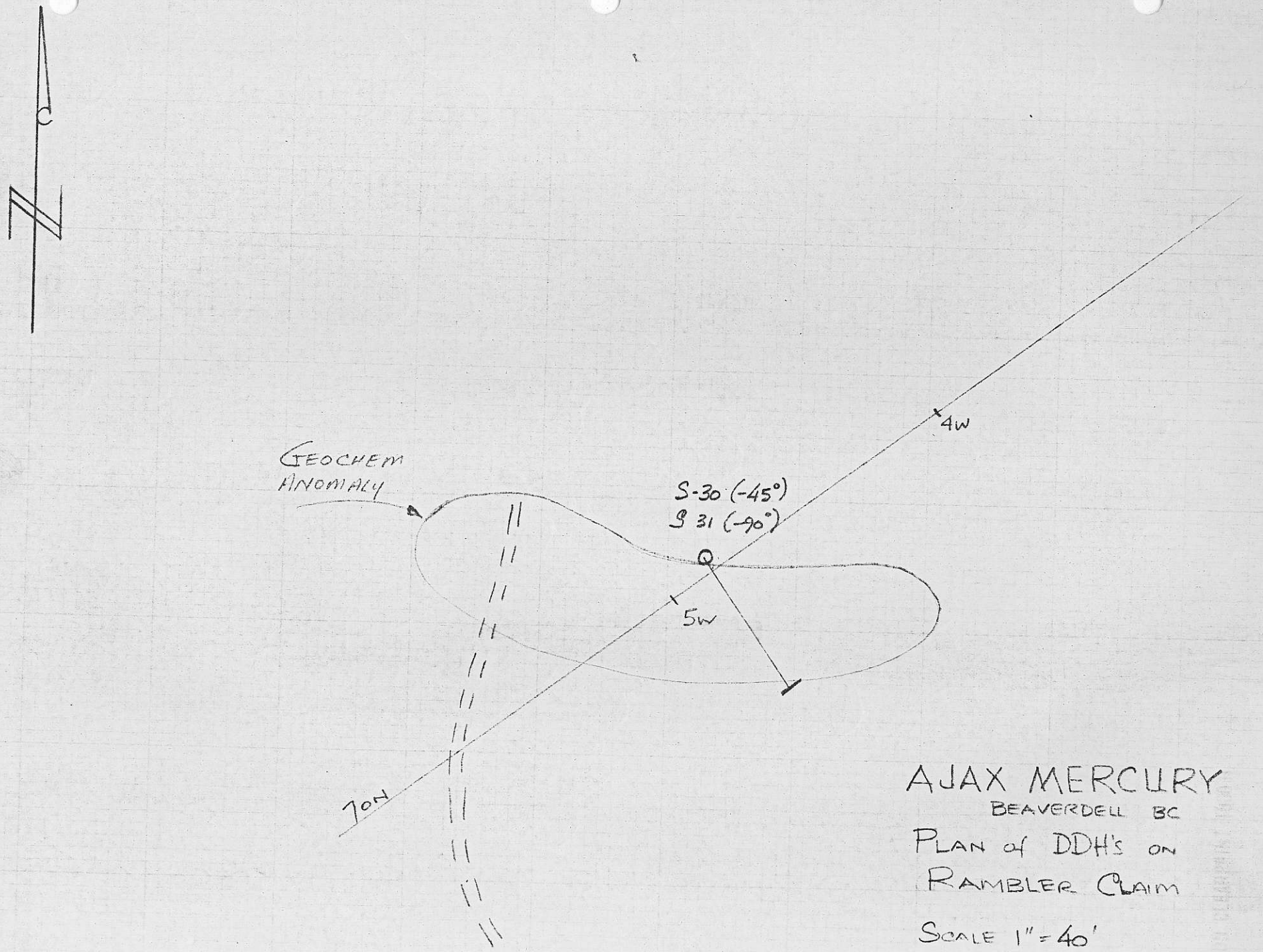
BEAVERDELL BC

PLAN of DDH's on GOLD DROP CLAIM

SCALE 1" = 40'

JULY 1969 JWM.


65N
64N
63N
62N
3W
4W
S 22 (-70°)
S 21 (-85°)
S 23 (-90°)
80°
S 24 (-72°)
S 27 (-50°)
S 28 (-70°)
S 29 (-90°)
S 26 (-80°)
S 25 (-90°)
70°
MAG
AJAX MERCURY
BEAVERDELL B.C.
PLAN of DDH'S ON
RAMBLER CLAIM
SCALE 1" = 40'
JULY /69 J.W.M.



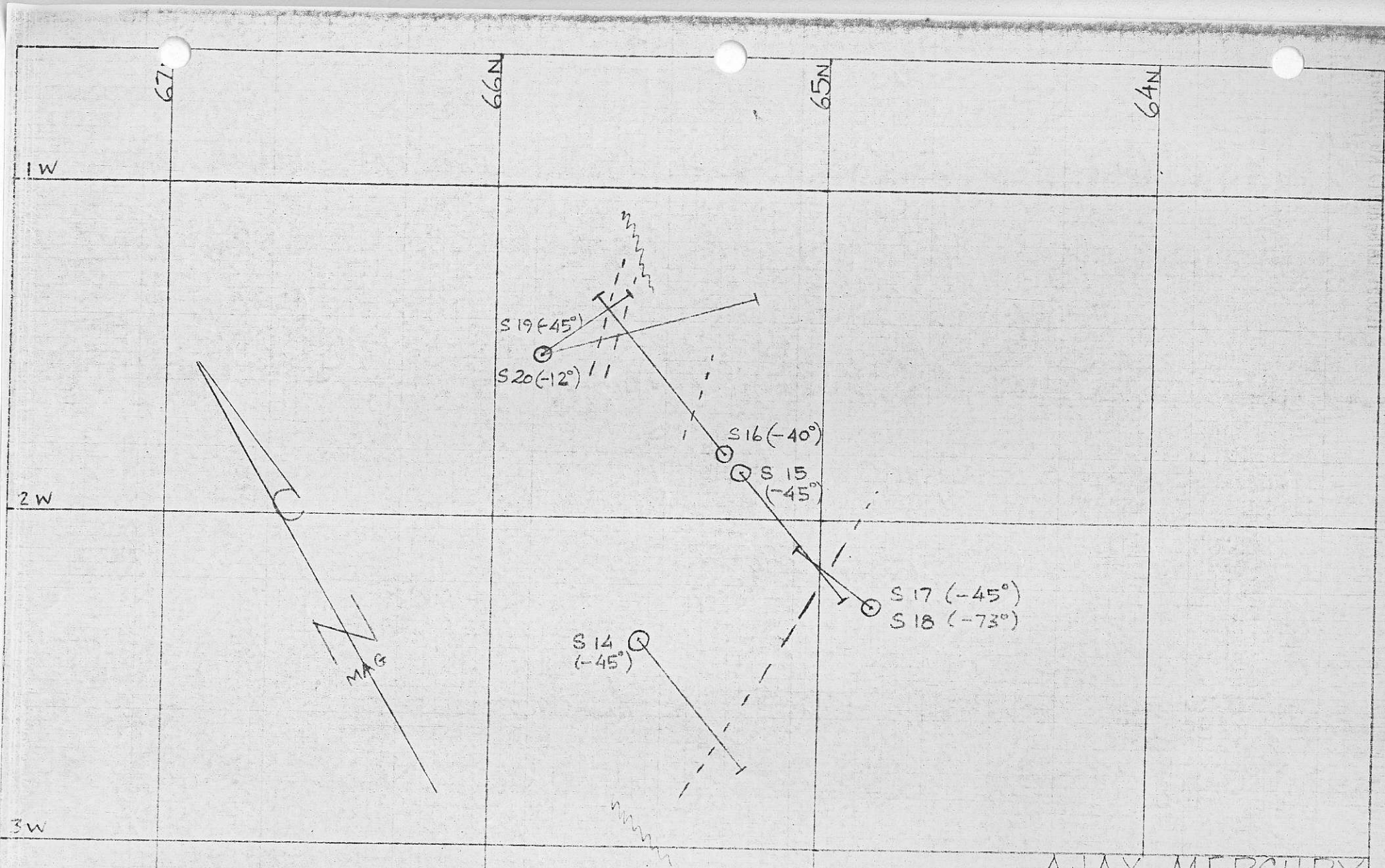

# AJAX MERCURY

BEAVERDELL BC

PLAN of DDH's ON RAMBLER CLAIM

SCALE 1" = 40'

JULY 1969 J.W.M.

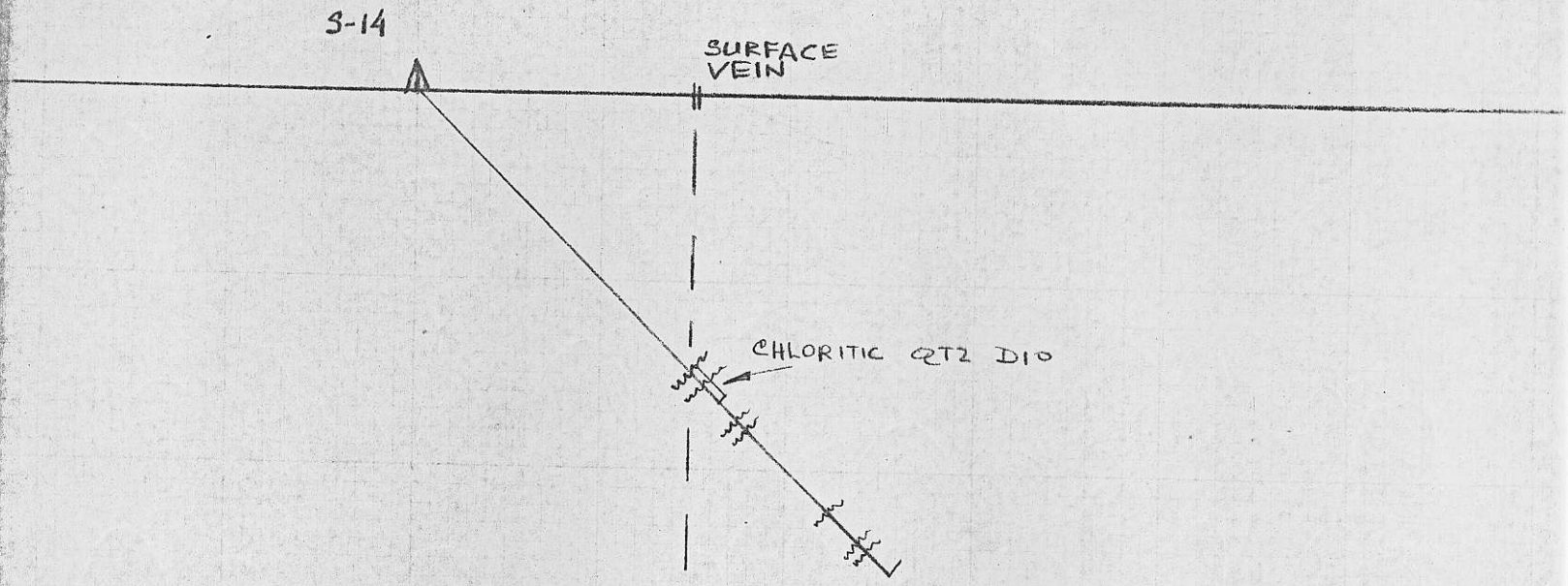



AJAX MERCURY
BEAVERDELL BC

PLAN of DDH's ON RAMBLER CLAIM.

SCALE 1" = 40'

JULY 1969 JWM.




AJAX MERCURY MINES
RAMBLER CLAIM

X SEC. DDH S-14

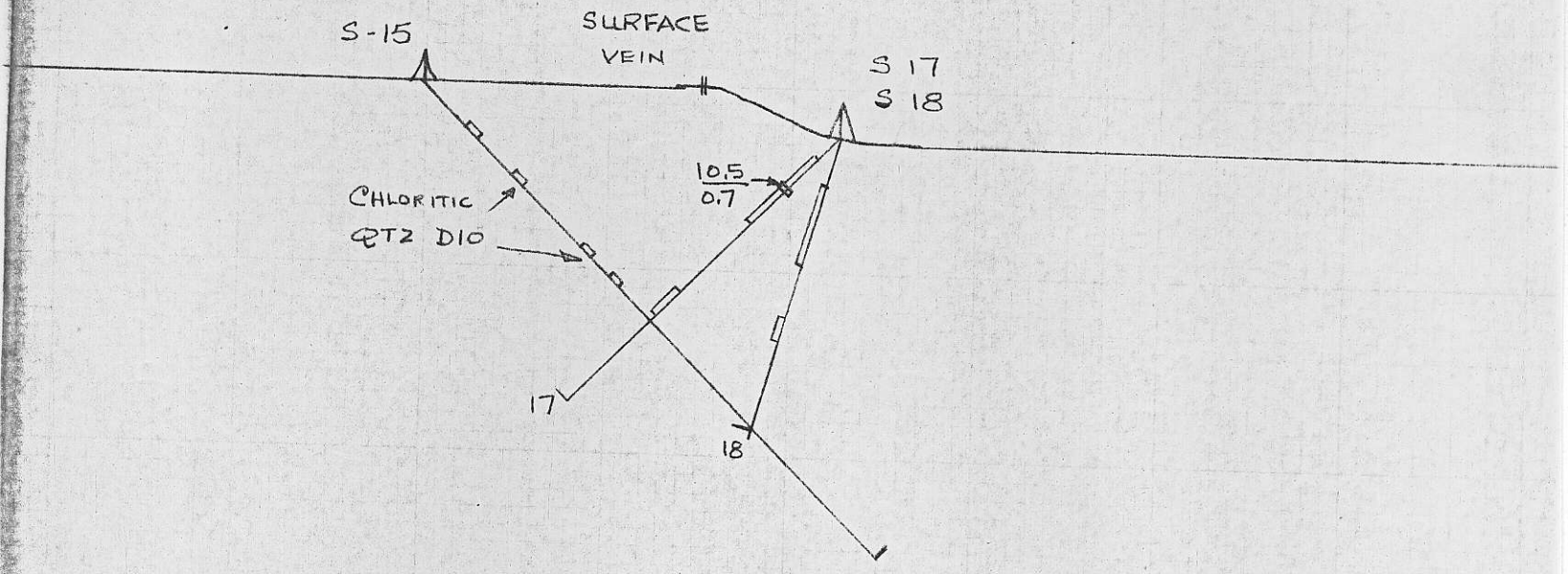
CO-ORDS 65+55 N
2+35 W

MAG BRG S 20° E

DIP -45°

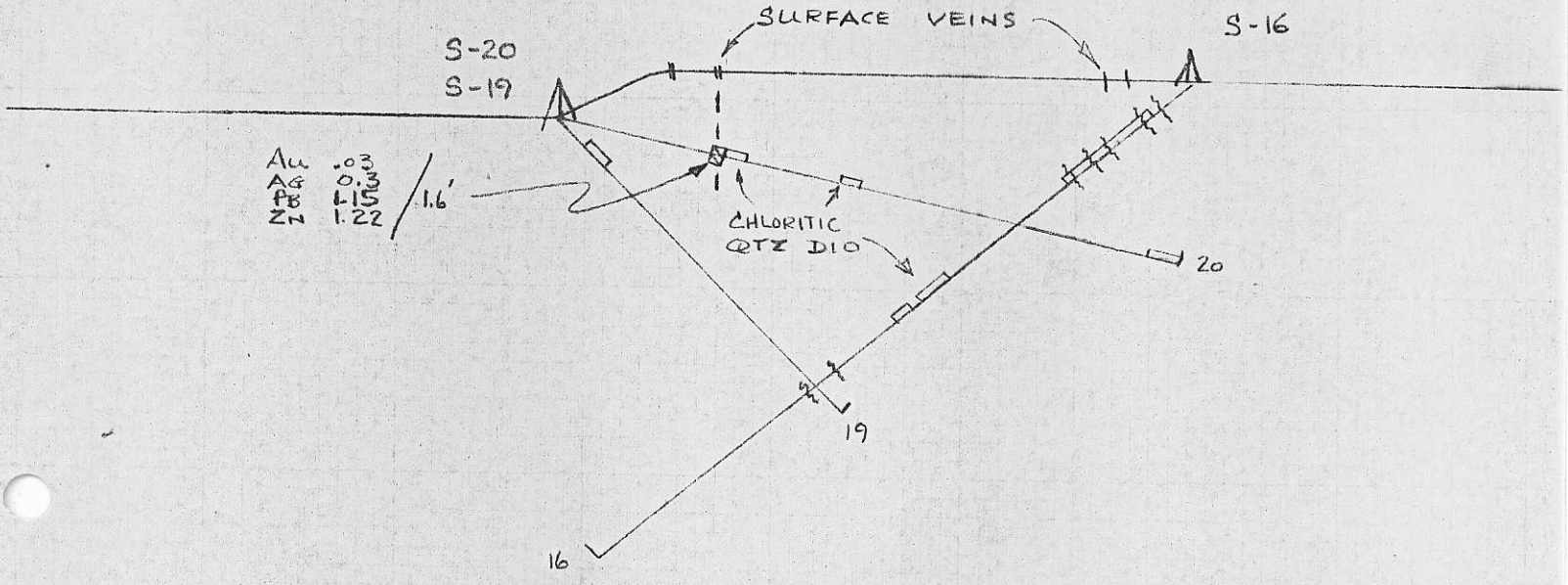
SCALE 1" = 20'

JULY 1969 JWM




X SEC DDH S-15
CO-ORDS 65+25N
1+85W
MAG BRG S 10°E
DIP -45°

AJAX MERCURY MINES
RAMBLER CLAIM
X SEC DDHs S 17 & 18
CO-ORDS 64+85N
2+25W
MAG BRG N 20°W
DIPS (17) -45° (18) -73°
SCALE 1" = 20'
JULY 1969 JWM




X SEC DDH's S 19 & 20

CO-ORDS 65+85 N
1+50 W

MAG BRG (19) N 87° E
(20) S 75° E

DIP (19) -45° (20) -12°

AJAX MERCURY MINES
RAMBLER CLAIM

X SEC DDH S-16

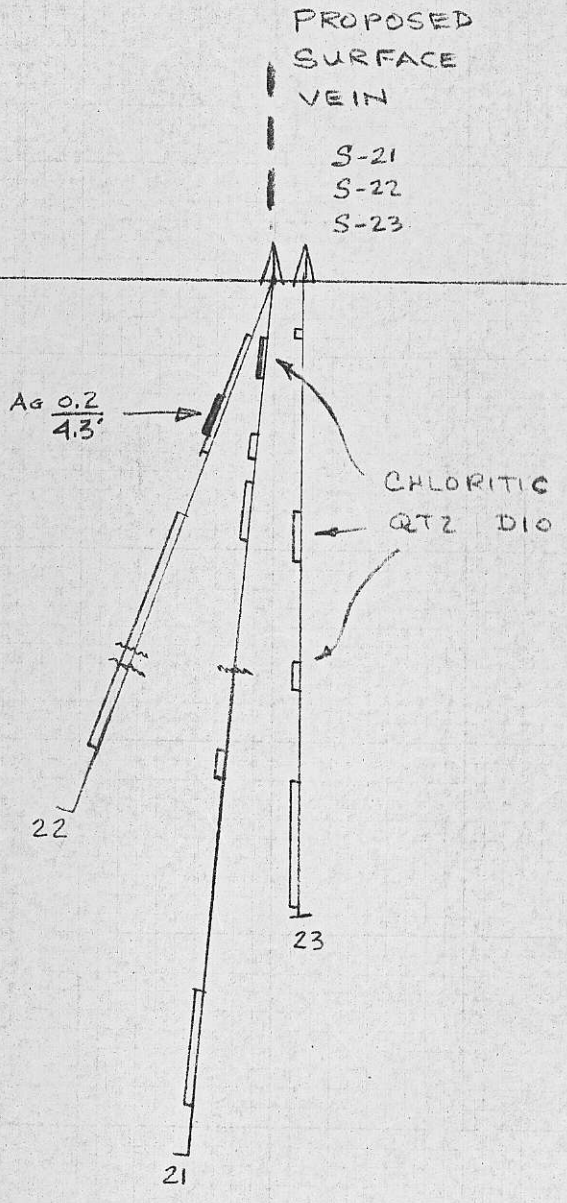
CO-ORDS 65+30 N
1+80 W

MAG BRG N 10° W

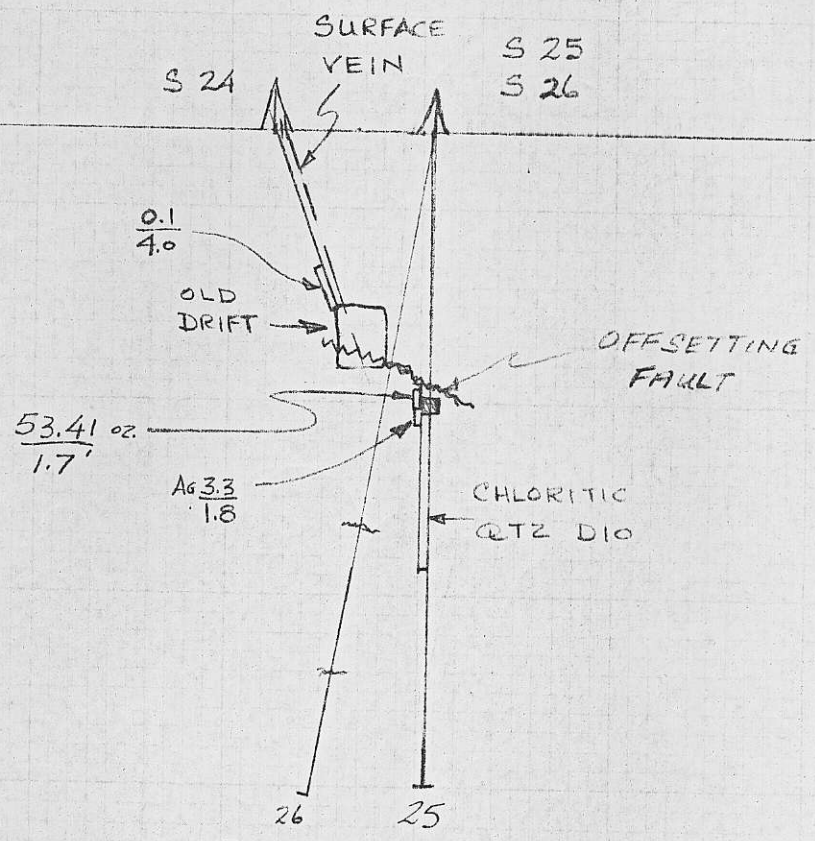
DIP -40°

SCALE 1" = 20'

JULY 1969 JWM.




AJAX MERCURY MINES
RAMBLER CLAIM
X SEC DDH's S21, 22 & 23
CO-ORDS 63+40N
3+20W
MAG BRG N 10°W
DIPS (21) -85° (22) -70° (23) -90°
SCALE 1" = 20'
JULY 1969 J.W.M.

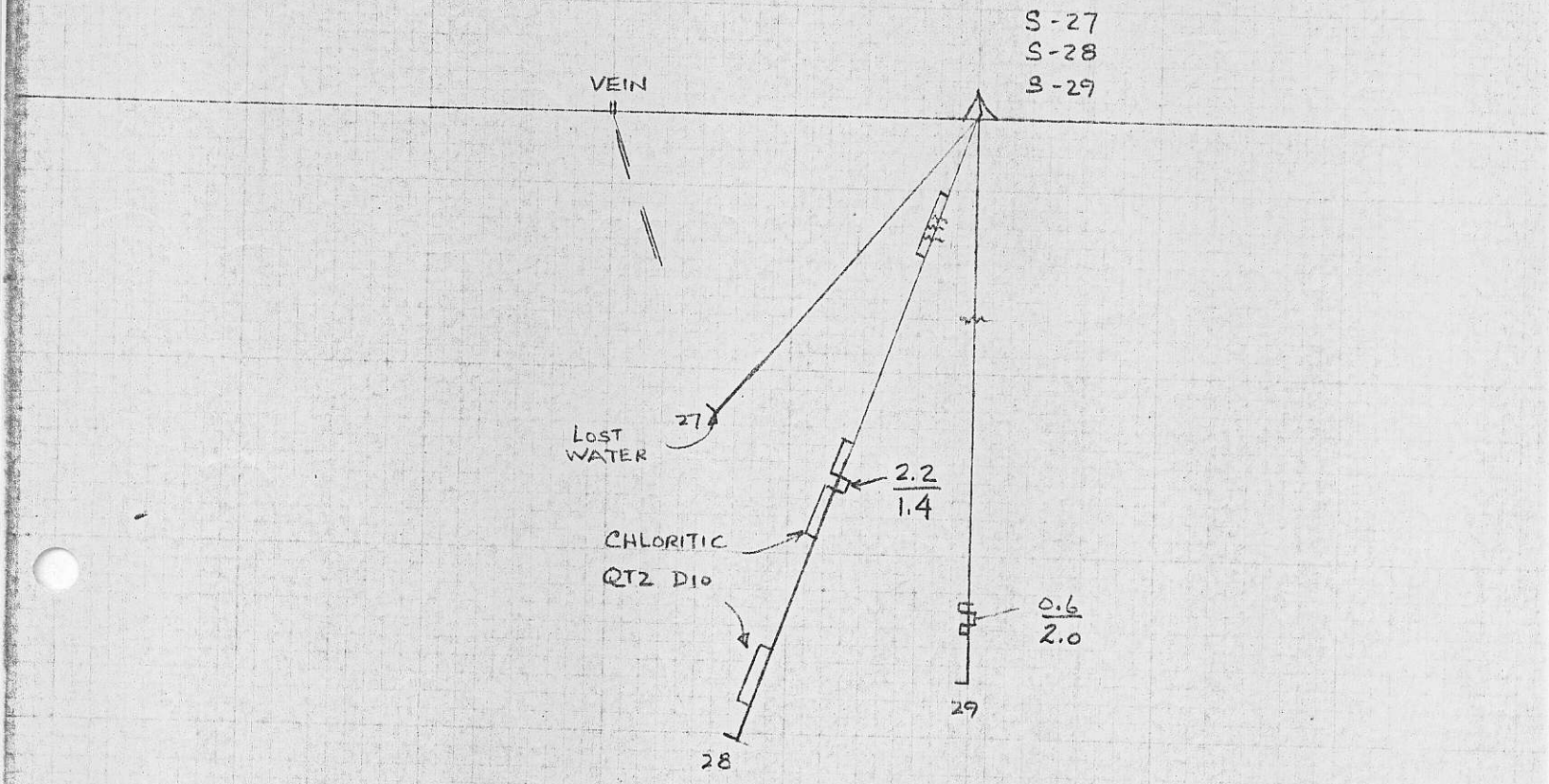



AJAX MERCURY MINES
RAMBLER CLAIM

X SEC DDH S-24
CO-ORDS 64+30N
4+00W
MAG BRG S 20°E
DIP -72°

X SEC DDH's S 25 & 26
CO-ORDS 64+17N
4+10W
MAG BRG N 20°W
DIPS (25) -90° (26) -80°

SCALE 1" = 20'
JULY 1969 JWM




AJAX MERCURY MINES
RAMBLER CLAIM

X SEC DDH's S 27, 28 & 29

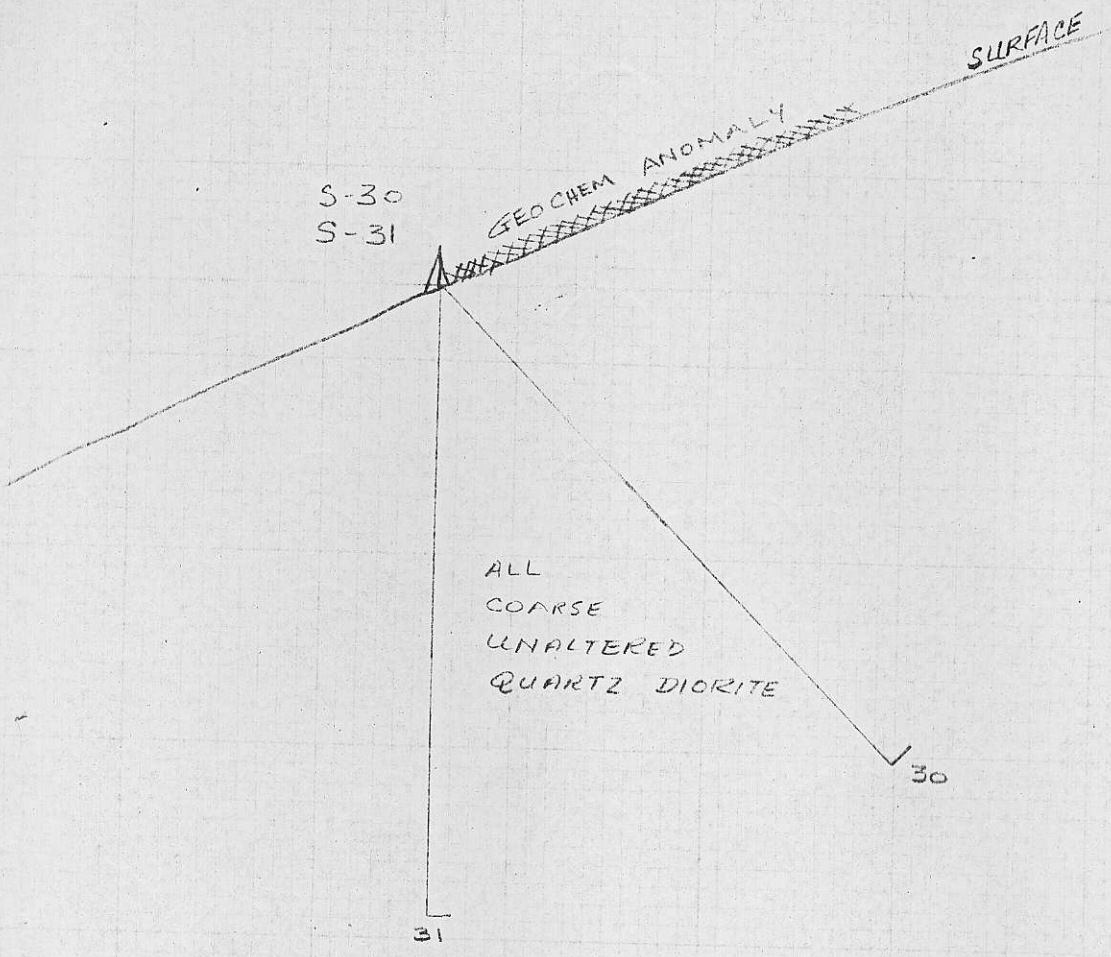
CO-ORDS 63+85N
4+10W

MAG BRG. N10°W

DIPS (27) -50° (28) -70° (29) -90°

SCALE 1" = 20'

JULY 1969 JWM




AJAX MERCURY MINES
RAMBLER CLAIM

X-SEC DDHs S 30 & 31

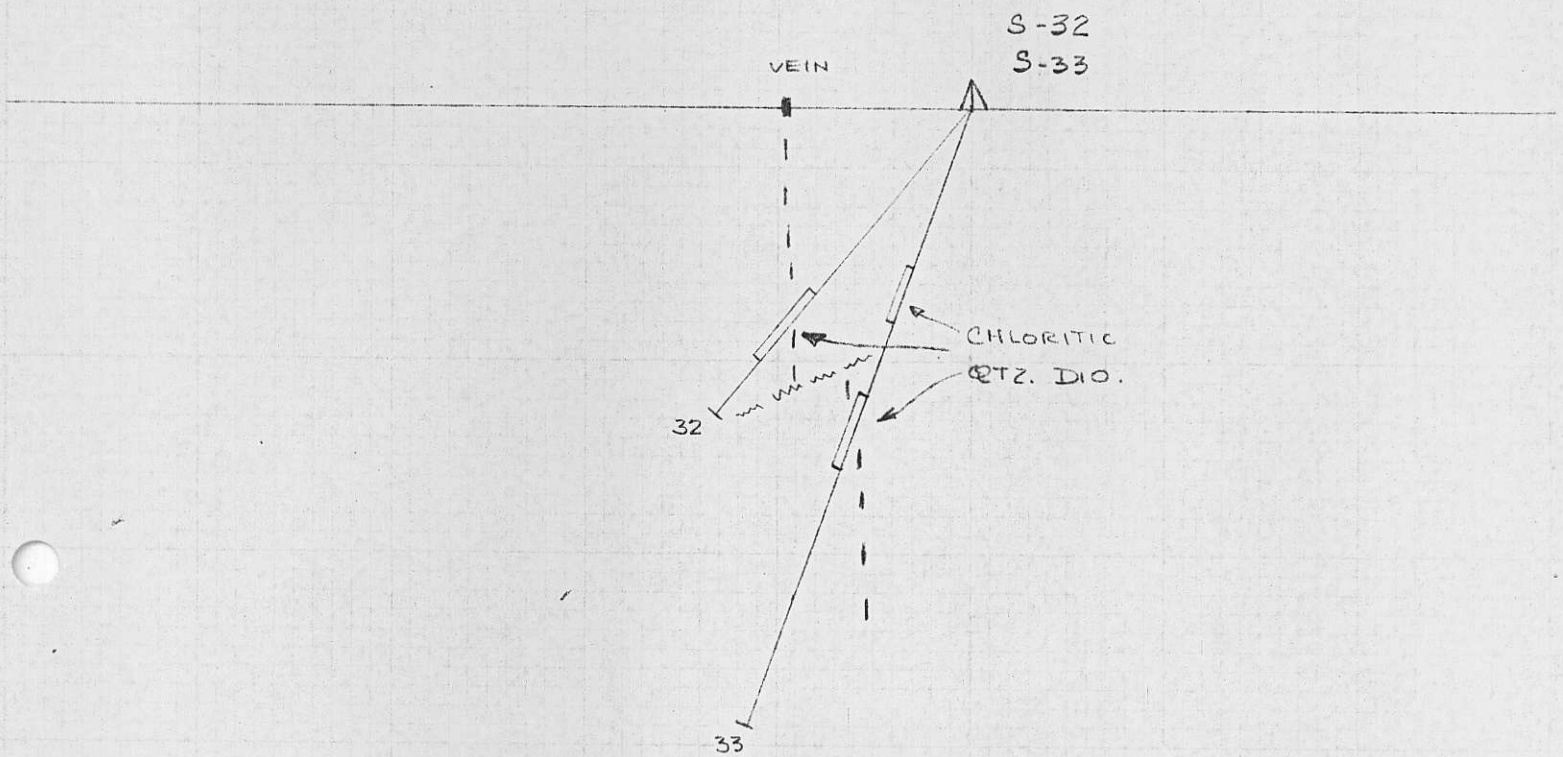
CO-ORDS 70+05N
4+85W

MAG BRG S 35° E

DIPS (30) - 45° (31) - 90°

SCALE 1" = 20'

JULY 1969 JWM.




AJAX MERCURY MINES
GOLD DROP CLAIM

X SEC. DDH's S 32 & 33

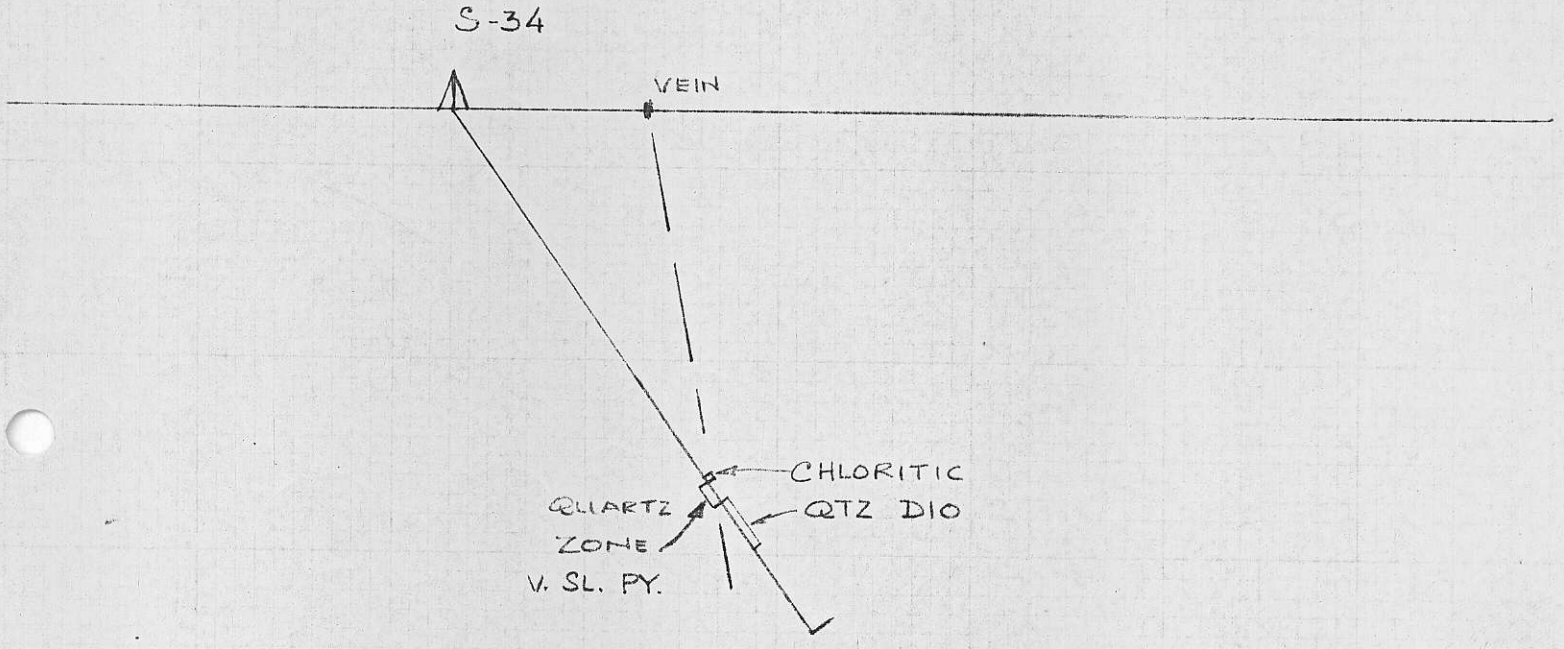
CO-ORDS 19+75N
29+00W

BRG TRUE N 57°E

DIP -50° & -70°

SCALE 1" = 20'

JULY 1969 JWM




AJAX MERCURY MINES

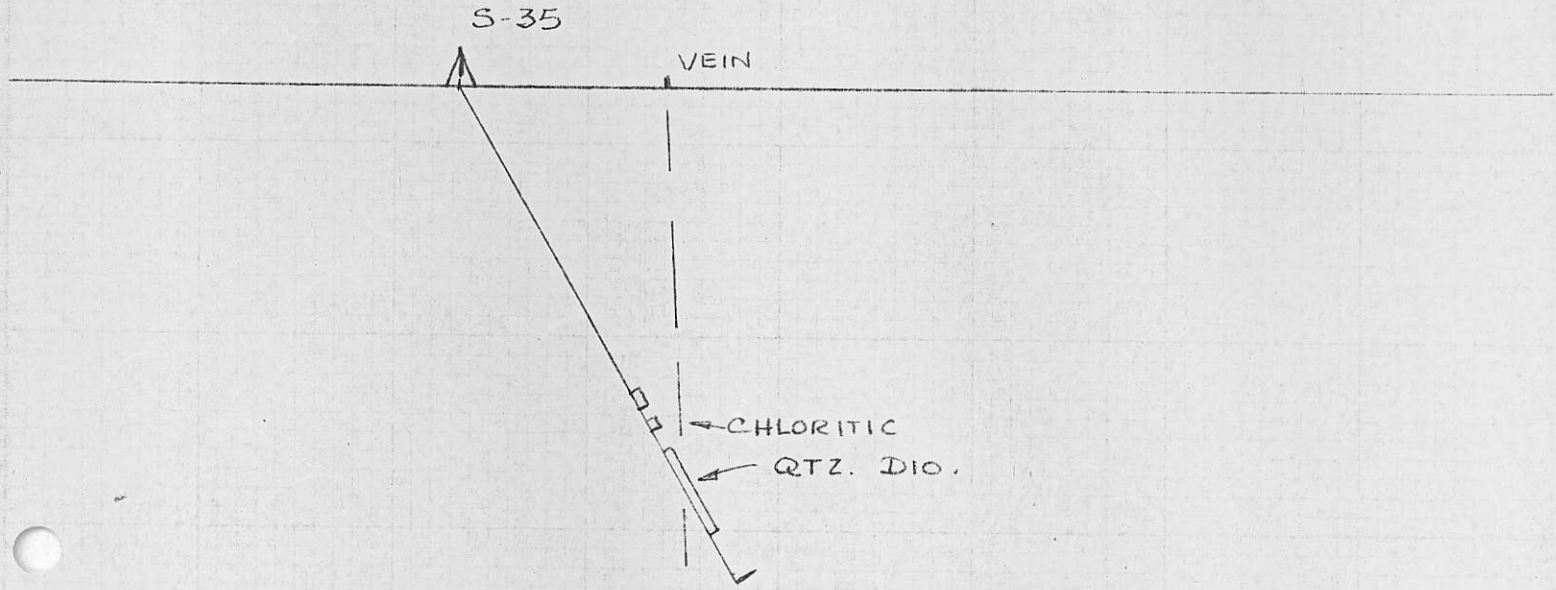
GOLD DROP CLAIM

X SEC DDH S-34

CO-ORDS 20+15N
29+40W

BRG TRUE S 35°E

DIP -55°




AJAX MERCURY MINES

GOLD DROP CLAIM

X SEC DDH S-35

CO-ORDS 20 + 40N
29 + 90W

BRG TRUE S 10°W

DIP -60°

SCALE 1" = 20'

JULY 1969 J.W.M.

BACON & CROWHURST
CONSULTING ENGINEERS - VANCOUVER, B.C.

# AJAX MERCURY MINES LTD

## BEAVERDELL OPTION

## GEOCHEMICAL RESULTS - SILVER

LEGEND

- 00-08 PARTS PER MILLION SILVER
- 09-19 " " " "
- 20-49 " " " "
- 50 + " " " "

SCALE 1" = 200'

NOV. 1968