

WORK DONE

Geology: 3 Anvil Hill holes to the NW were re-logged  
 claims & vicinity were mapped at 1:1320  
 (prop. - minor Py, P4R, chalco, sph & ga in quartzites, P4R + chalco in gneiss  
 lenses)

Geochem: ① ~ 200 Samples were collected on the claim  
 group in the vicinity of the EM anomalies

② another 200 were collected ~~along~~ <sup>on</sup> a  
~~rectangular~~ rect grid extending to the west.

③ 2 ~~bed~~ ~~rock~~ bed-rock chip samples were taken

Geophysics

1:1320 ① Aero EM } Lockwood 1966  
 ② Aero MAG } (Xerox appropriate parts  
 of maps?)

③ CEM SURVEY - ~~MINI~~ 1:400 maps  
 (values, profiles, contours) over entire  
 claim gp.

④ ~~THE~~ GRAVITY MAP ON DY CLAIMS EXTENDS  
 OVER PART OF OUR HOTO CLAIMS

MAPS TO BE included with report

① (a) 1:1320 geology (X-section from Blck to  
 Anvil batholith thru main anomaly?)  
 (b) 1:400 geol map also exists

② 3 drill logs? (need to be typed out) (rich claims  
 holes)

③ XEROX of AEM & Aero mag.

④ 1:400 CEM MAPS (3 of them)

⑤ XEROX or 1:400 copy of part of DY GRAVITY  
 MAP?

⑥ 2 1:400 geochem maps.

REPORT ON HOHO-BRAM CLAIM GROUP:

JUNE, 1971

LIST OF CLAIMS:

HOHO	1-8	Y 60357 →	Y 60364	
BRAM	9-16	Y 60384 →	Y 60391	
HOHO	17 → 24	Y 60365 →	Y 60372	
HOHO	25 → 32	Y 60373 →	Y 60380	
HOHO	33 → 35	Y 60381 →	Y 60383	
HOHO	36 → 43			(P. DEAN)
HOHO	44 → 48			(J. BRITTON)

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~~A total of 107,000 feet of line was cut over the Hoho/Bram claim group. A base line oriented at 315° starts at claim posts # 23, 24, 25 & 26 and goes 4000 FT to the northwest and 1200 FT~~

LOCATION & ACCESS:

~~HOHO~~ The claim group is located ~~on~~ Blind Creek 7 miles from the Pelly River. It adjoins Anvil Mining Corporations DY claims to the south west and Kerr Addisons Swim Claims to the south east. The claim group is accessible by a <sup>4 1/2 mile</sup> cat-road which joins the Vangorda Road about 3 miles east of Vangorda Creek. This road could be made passable for 4-wheel drive vehicles with a small amount of roadwork. Alternative access is by helicopter.

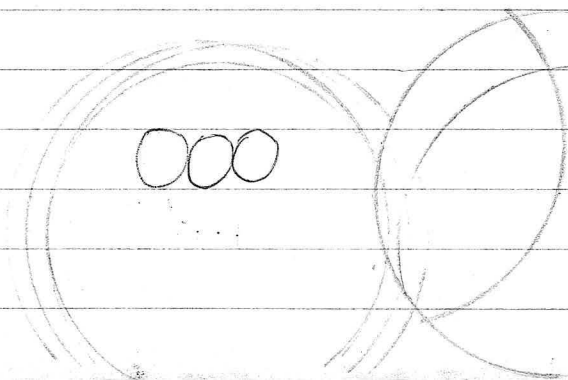
with  
LINECUTTING: A grid of ~~cut~~ lines ~~cut~~ 800 feet apart was cut over the entire claim group. Stations on the cross lines are at 100 foot intervals. The baseline is oriented at  $315^\circ$ , and the origin point (station 0, Line 0) is at claim posts 23, 24, 25, and 26. A total of 107,000 FT of line was cut.

### Crone CEM Survey:

~~Crone CEM~~ A Lockwood AEM Survey Flown <sup>For</sup> Dynasty in 1965 revealed two distinct anomalies in the area of the Hoho/Bram claim group. A ground survey with a Crone CEM instrument located these anomalies on the grid and defined their extent and orientation ~~exactly as preceding~~.  
Virtually <sup>the</sup> entire <sup>claim group</sup> ~~grid~~ was covered by the ground CEM Survey, with a coil spacing of 400 FT. The results were profiled and contoured.  
Relgs made at 1800 cps Frequency.

### GEOCHEMICAL SURVEY:

Approximately 200 soil samples were collected at 200 FT intervals along the lines in the vicinity of the EM anomalies. The samples were analyzed for copper, lead, & zinc at the Borringer laboratory in Whitehorse. None of the samples were anomalous. An additional 200 samples were collected on reconnaissance lines extending 2 miles to the northwest beyond the claim group over favourable rock units, and these as well were non-anomalous.



Summary of work to date on Hoko/BRAM

Geochem - 200 samples - both anomalies are well covered

Mag - no results - either mag is malfunctioning or there have been nearly continuous magnetic storms for several days. (Fluctuations up to several 1000 $\gamma$  per few minutes of time)

Linecutting

91,700 FT cut

15,000 FT flagged (L24816 E in valley bottom)

106,700

claimstaking - ① 10 claims were staked to cover fractions between Hoko/BRAM & Dy claims on NW side of claim group - this is tied on so no fractions exist

② 3 claims were staked between Hoko/Bram & Swim Claim groups (NE side of Swim group)

③ A fraction may exist between Hoko Claims & Swim Claims along side parallel to Blind Creek - we couldn't find Swim claims.

④ All claims are lodged except #17, 34 & 35, which we couldn't find. These claims should be dropped in any case - 17 is covered by new staking & 34 & 35 are <sup>not</sup> north east of anomaly.

⑤ Anomaly on northeast side of Blind Cr. extends off claim group - this should be staked contingent on geochem results. Adjacent anomaly extending for 3 miles to NE should be considered for additional staking.

CEM - <sup>all</sup> coverage on lines ~~24 & 32W~~ is ~~complete~~ complete. An anomaly of  $\sim 50^\circ$  dip angle occurs on lines 24 & 32W in position as per air EM survey.

PROSPECTING - The area within a 5 mi radius of the camp has been thoroughly prospected with essentially negative success. Minor amounts of pyrrhotite, pyrite, and very minor chalcocite & galena occur in Qtz veins, and pyrite & pyrrhotite occur in greenstone lenses.

OVER  $\rightarrow$

GEOLOGY - Geology is hampered by a lack of outcrops & by thick brush, which makes what few outcrops are present difficult to discover. Summary of results:

- ① no outcrops on top of either anomaly
- ② both anomalies seem to be high in phyllite section - probably within a few hundred feet stratigraphically of the limy upper phyllite member
- ③ abundant small greenstone lenses occur in vicinity of anomaly on NW side of Blind Cr. (lenses to a few 10's of feet in size)
- ④ Foliation on both sides of Blind Cr tends to dip at low angles into the creek. Hill north of Swim Lakes may be uplifted by underlying granite.
- ⑤ To the north 4 miles from the claim group the phyllite unit changes abruptly from a sericite-gtz phyllite into a biotite-garnet-quartz schist. The change in metamorphic grade is so abrupt that the phyllites and biotite-garnet schists are probably in fault contact. The different metamorphic grade of the rocks is probably unrelated to the Anvil Batholith - both phyllites and biotite garnet schists contact granite.
- ⑥ Both Anomalies are in areas of relatively steep topography - soil samples taken over them are good quality & should be anomalous if sulphides are present.

Access: Road is usable by 4x4 except for one wash out about 100 FT long. It could be made serviceable easily. Road beyond camp deteriorates. A cat road runs parallel to Blind Creek on east side as well. Blind Creek is not crossable by Bombardier in vicinity of camp.