

GEOLOGIC, GEOCHEMICAL AND  
GEOPHYSICAL INVESTIGATIONS

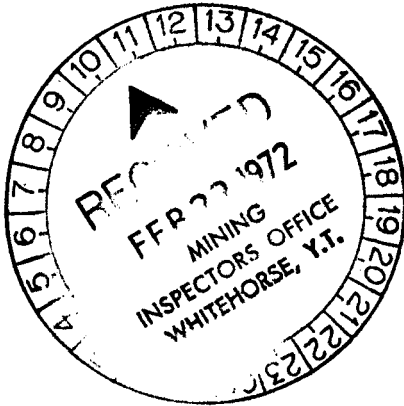
HOHO AND BRAM MINERAL CLAIMS

(June - July, 1971)



Latitude : 62°18'N  
Longitude: 133°00'W

N.T.S. 105-K-3



By:

PETER DEAN  
J. S. BROCK

This report has been examined by the Geological Evaluation Unit and is recommended to the Commission to be considered as representation work in the amount of

\$12,743.73

*J. P. Craig*

~~Inspector of Mines or  
Professional Mining Engineer~~

Considered as representation work under Section 53 (2) Yukon Quartz Mining Act.

*J. S. Brock*  
Commissioner of Yukon Territory

DYNASTY EXPLORATIONS LIMITED

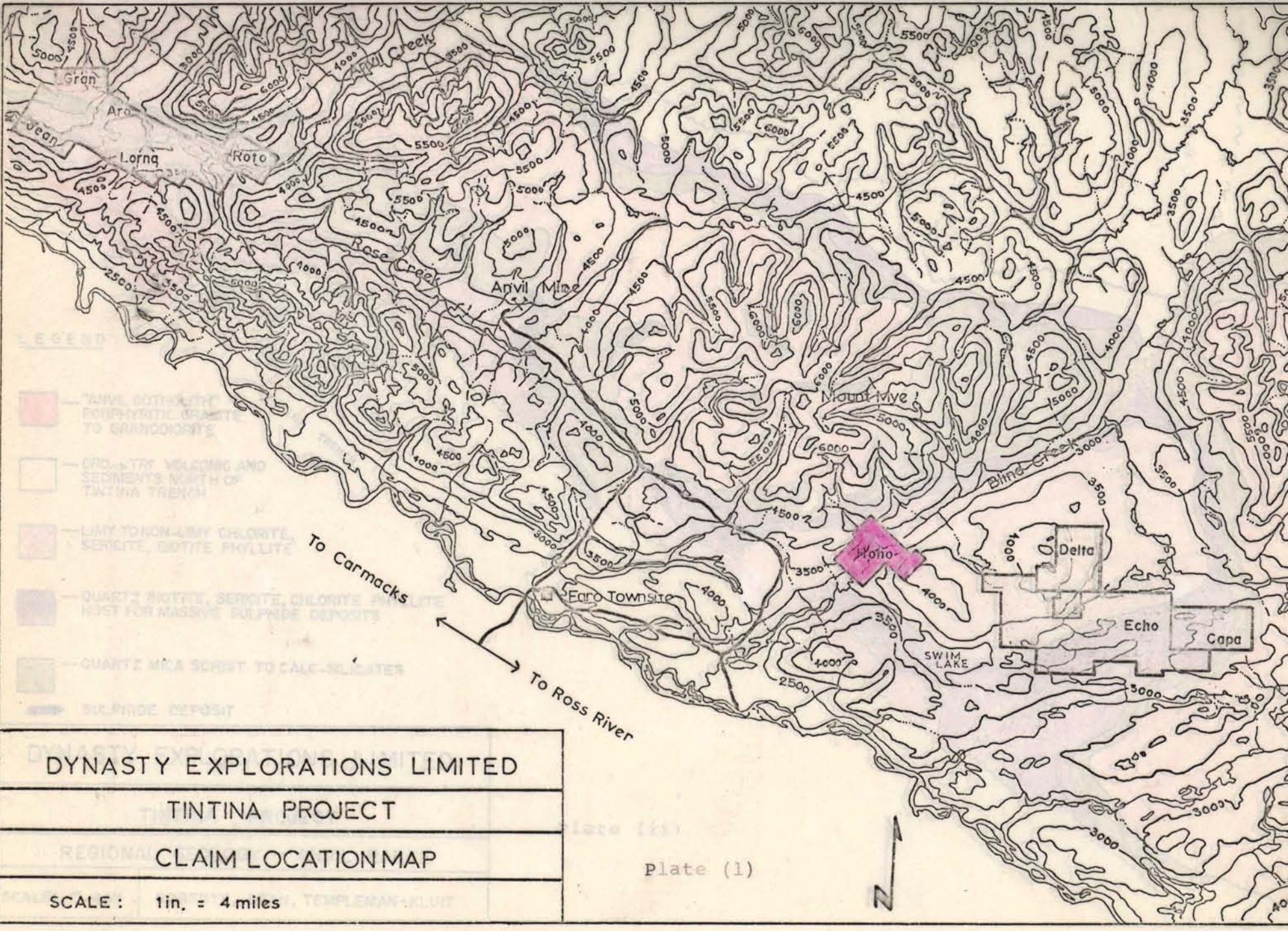
December 8, 1971







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LIST OF CLAIMS

<u>Claim Number</u>	<u>Grand Number</u>	<u>Recording Date</u>
Hoho 1-8	Y60357-Y60364	March 11, 1971
17-24	Y60365-Y60372	March 11, 1971
25-32	Y60373-Y60380	March 11, 1971
33-35	Y60381-Y60383	March 11, 1971
36-43	Y60908-Y60915	June 30, 1971
44-48	Y60916-Y60920	June 30, 1971
Bram 9-16	Y60384-Y60391	March 11, 1971



-  — WONO MOUNTAIN TRENCH
-  — GRANITIC GNEISS AND SEDIMENTS NORTH OF TINTINA TRENCH
-  — LIGHT TONIC-LIGHT CHLORITE, SERPENTINE, GIBBITE, PHYLITE
-  — QUARTZ, BIFURCATE, SERPENTINE, CHLORITE, PHYLITE HOST FOR MASSIVE SULPHIDE DEPOSITS
-  — QUARTZ MICA SCRIST TO CALC-SULFATE
-  — SULPHIDE DEPOSIT

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TINTINA PROJECT

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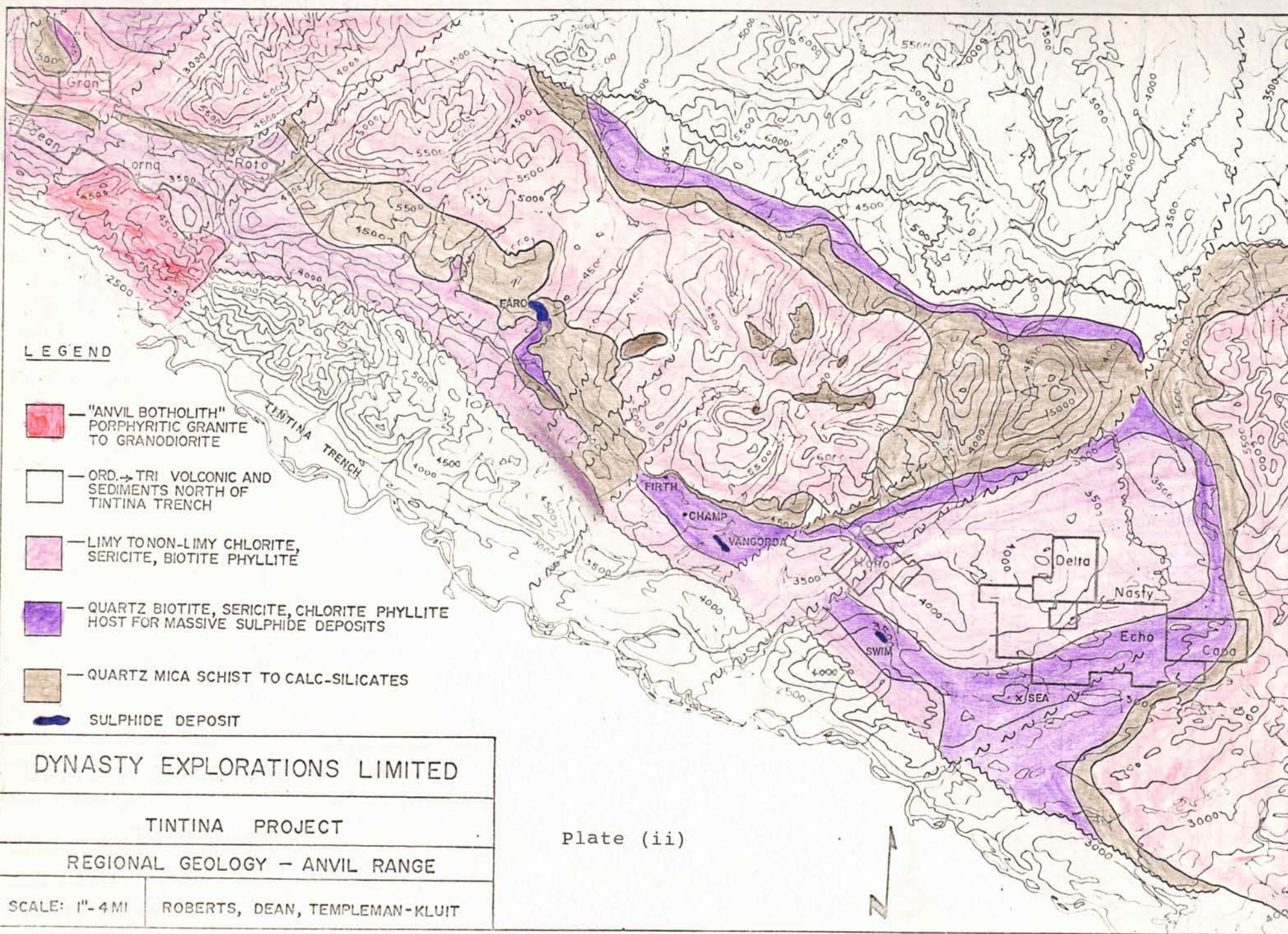
REGIONAL CLAIM LOCATION MAP

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SCALE: 1in. = 4 miles

Plate (1)





**LEGEND**

- "ANVIL BOTHOLITH" PORPHYRITIC GRANITE TO GRANODIORITE
- ORD. → TRI VOLCANIC AND SEDIMENTS NORTH OF TINTINA TRENCH
- LIMY TO NON-LIMY CHLORITE, SERICITE, BIOTITE PHYLLITE
- QUARTZ BIOTITE, SERICITE, CHLORITE PHYLLITE HOST FOR MASSIVE SULPHIDE DEPOSITS
- QUARTZ MICA SCHIST TO CALC-SILICATES
- SULPHIDE DEPOSIT

<b>DYNASTY EXPLORATIONS LIMITED</b>	
<b>TINTINA PROJECT</b>	
<b>REGIONAL GEOLOGY — ANVIL RANGE</b>	
SCALE: 1" = 4 MI	ROBERTS, DEAN, TEMPLEMAN-KLUIT

Plate (ii)



# DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING  
355 BURRARD STREET  
VANCOUVER 1, B.C.

## GEOLOGIC, GEOCHEMICAL AND GEOPHYSICAL INVESTIGATIONS HOHO AND BRAM MINERAL CLAIMS

### INTRODUCTION

The Hoho-Bram claim group straddles Blind Creek approximately seven miles upstream from its confluence with the Pelly River. Access to the property can be made by helicopter from the town of Faro, about ten miles southwest of the claims or by means of a four and one-half mile long road suitable only for tracked vehicles which leaves the Vangorda-Blind Creek road about three miles east of Vangorda cabin.

The claims were staked to cover two A.E.M. anomalies outlined during a helicopter-borne geophysical survey flown for Dynasty Explorations by Lockwood Survey Corporation in 1965. The conductor of priority interest on the northwest side of Blind Creek was formerly covered by the DY claims held by Anvil Mining Corporation. The second anomaly found on the southeast side of Blind Creek has not apparently been previously staked.

No reports of previous work have been recorded or filed on claims formerly staked in the area of the conductive zones, however, a picket line grid was found cut over much of the western anomaly. Evidence of a soil sampling survey was found on this original grid. A gravity survey carried out over most of the DY claims by Anvil Mining Corporation did not extend as far east as the conductors found on the Hoho-Bram claims.

CLAIMS LOCATION

The original 35 claims were staked by Harman and Associates, contract stakers.

Hoho	1-8	Y60357-Y60364
Bram	9-16	Y60384-Y60391
Hoho	17-24	Y60365-Y60372
Hoho	25-32	Y60373-Y60380
Hoho	33-35	Y60381-Y60383

Incorrect locating of the original claims necessitated the staking of 13 more claims during the month of June to cover the A.E.M. anomalies as well as a fraction left between the Hoho/Bram claims and the DY claims. These new claims are:

Hoho	36-43	Y60908-Y60915
Hoho	44-48	Y60916-Y60920

As a result of this new staking, claims 17, 34 and 35 of the original Hoho claim group are superfluous and can be dropped.

The Bram and Hoho claims are located on Blind Creek, approximately seven miles from its confluence with the Pelly River. The property adjoins Anvil Mining Corporation's DY Group to the southwest and Kerr Addison's Swim Group to the southeast.

The Bram and Hoho claims are accessible via a 4½ mile 'cat-road' which leaves the Vangorda Road about 3 miles east of Vangorda Creek. A bombardier has been used for transportation to the property, however, with a minimal amount of ditching and bridging the 'cat-road' could be made passable for 4-wheel drive vehicles. Alternative access is by helicopter.

## EXPLORATION HISTORY

The Hoho-Bram claims were originally part of the northeast sector of the DY Mineral Claims staked in 1964. The area was subsequently re-staked as the Luk Group in 1966 and was again re-staked by Dynasty in 1971 as the Hoho-Bram Group.

Previous exploration of the property involved only aeromagnetic and AEM survey work by Dynasty in 1964 and 1965.

Exploration done by Dynasty during 1971 consisted of:

Geology - Logging of core from 3 diamond drill holes located approximately 3 miles northwest of the Hoho-Bram claims.

- Detailed geologic mapping of the property and surrounding area at scale 1:1320.
- Geologic mapping of grid area on property at scale 1:400.

Prospecting - Locating of minor sulphide occurrences, including:

- (i) minor pyrite pyrrhotite, chalcopyrite, sphalerite and galena in quartz veins.
- (ii) Pyrrhotite and chalcopyrite in greenstone lenses.

### Geochemical Sampling

- 225 samples collected over grid lines in proximity to AEM anomalies
- 200 samples collected on a 'recce-grid' extending over airborne geophysical anomalies extending west and north of the gridded area.
- Rock geochemical studies of outcrop and drill core from surrounding area.

- Geophysics - Interpretation of airborne mag. and EM data.
- Deep penetrating C.E.M. horizontal loop survey over entire claim group.
  - Examination of gravity survey results over portions of Hoho-Bram claims from previous surveys on DY claims.

References

Reference is made within this report to the following figures, plates and tables:

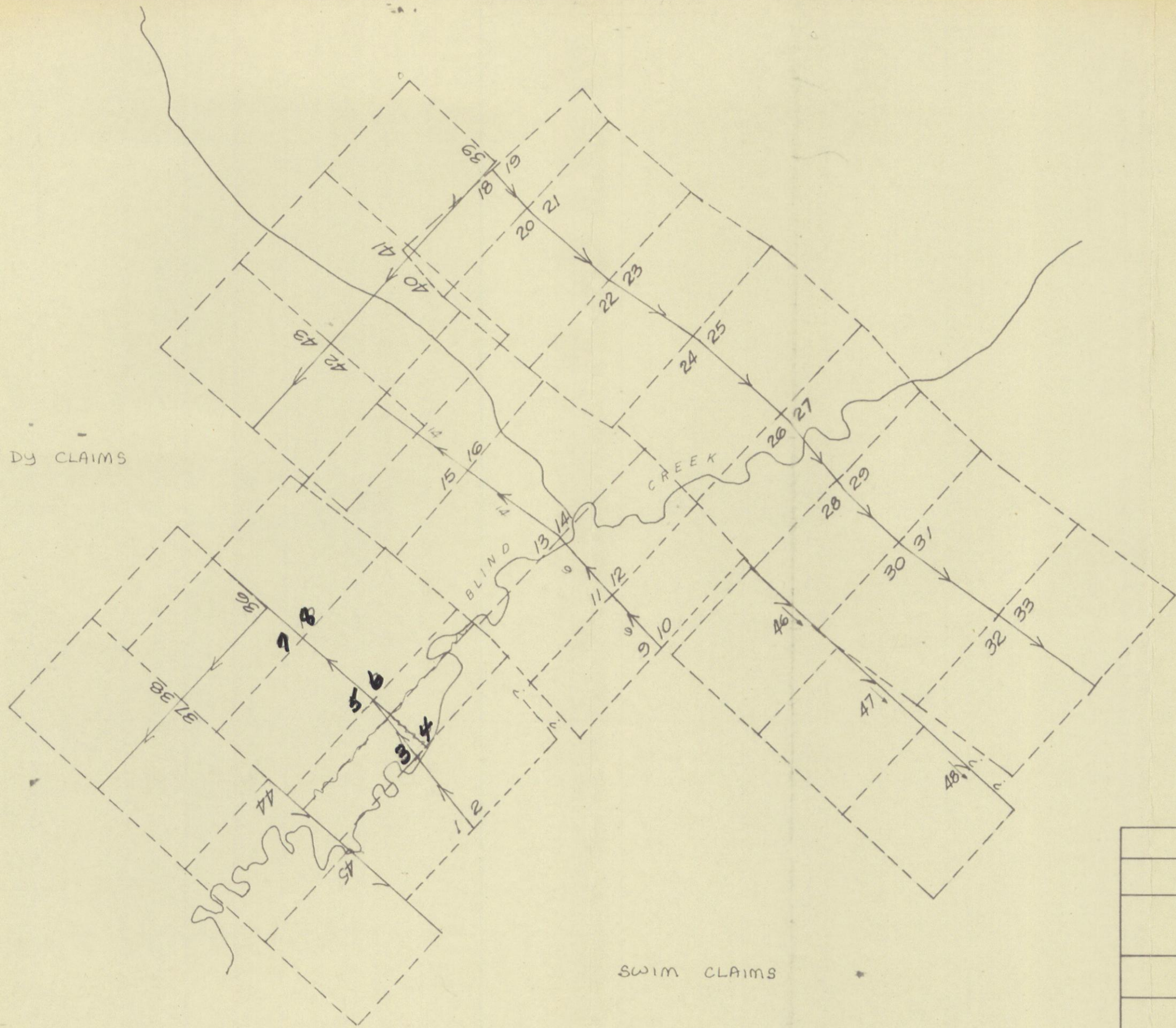
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(v) Geochem Values - Hoho Grid  
(vi) Geochem Values - Recce Grid

## GEOLOGY

The Anvil Batholith outcrops about 1½ miles northwest of the claim group. Adjacent to the intrusive contact is found a coarse grained muscovite-rich alaskite which grades into biotite granodiorite further into the batholith. Sericite-biotite schist and some skarn occur against the granite contact, these units underlie a dark grey quartz phyllite. The relationship between these two rock units is obscured by the presence of several major north-east trending faults as well as lack of outcrop. About four miles to the north of the claim group the batholith is bordered by a wide belt of high-grade garnet-biotite gneiss. This rock type probably underlies the sericite-biotite schist and the phyllite unit but again the contacts are faulted and the exact stratigraphic relationship is uncertain. The phyllite unit changes abruptly from a sericite-quartz phyllite to a biotite-garnet-quartz schist. The change in metamorphic grade is well defined and indications are that the phyllites and biotite-garnet schists are probably in fault contact. Differences in metamorphic grade are probably unrelated to the Anvil Batholith, both phyllites and biotite-garnet schists contact granite.

The foliation on both sides of Blind Creek tends to dip at low angles into the Blind Creek valley. A prominent topographic rise north of Swim Lakes and east of the Hoho-Bram claims may be due to uplifting by an underlying granitic intrusion.

Geologic mapping of the claim group was hampered by a lack of outcrop, as well as thick brush which made the few outcrops present difficult to find. No outcrop exists in the immediate vicinity of either anomaly. On the claim group itself a sequence of phyllitic rocks are exposed. The lowest, stratigraphically, are dark grey, very quartz-rich phyllites which outcrop along the lowest part of the Blind Creek valley.

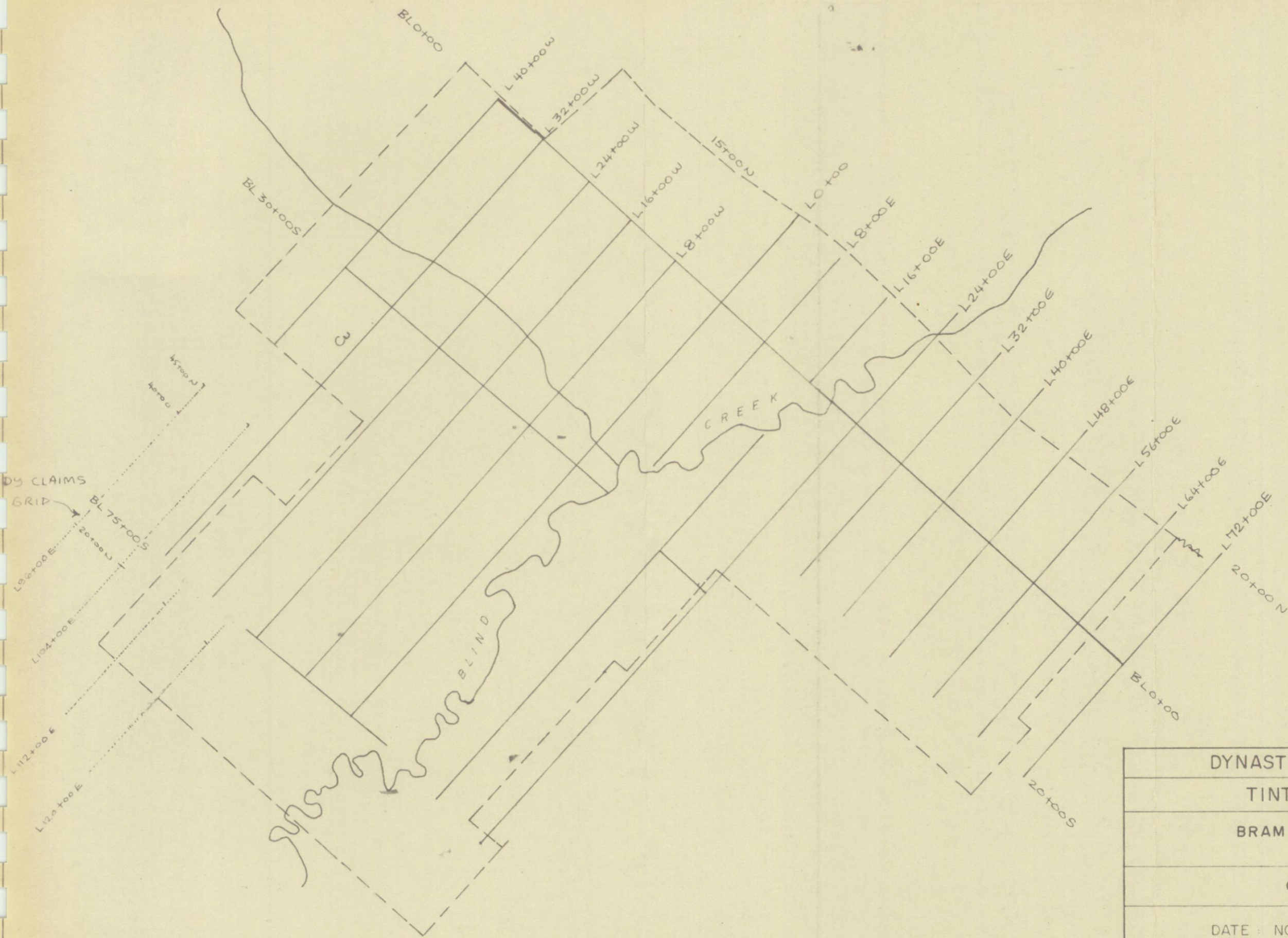


DY CLAIMS

SWIM CLAIMS



DYNASTY EXPLORATIONS LIMITED
TINTINA-ANVIL PROJECT
BRAM - HO, HO MINERAL CLAIMS 105 K-2
CLAIMS LOCATION MAP
DATE: NOV, 1971 SCALE: 1" = 1320'



DYNASTY EXPLORATIONS LIMITED
TINTINA-ANVIL PROJECT
BRAM - HO, HO MINERAL CLAIMS 105 K-2
GRID LOCATION MAP
DATE : NOV., 1971 SCALE : 1" = 1320'

This rock type grades upward in the section through a pale grey to pale greenish sericite-chlorite phyllite which in turn grades into a limey, carbonate-phyllite at the top of the section. Throughout the middle and upper sections of the phyllite unit there are many greenstone lenses up to a few tens of feet in thickness. These vary from massive, unfoliated amphibolite near their cores to well-foliated chlorite schists near the margins. These lenses frequently contain pyrrhotite and pyrite, and occasionally contain sparse chalcopyrite in quartz veins. In some greenstones close to the claim group abundant euhedral pyrite crystals up to one-half inch in size were found. No outcrop has been found in the vicinity of geophysical anomalies. Both anomalies occur over phyllites that are high in the section and are probably within a few hundred feet, stratigraphically, of the limey upper phyllite member. Greenstone lenses containing pyrrhotite occur abundantly within 1000 ft. of the anomaly on the northwest side of Blind Creek. These lenses do not seem to be directly associated with E.M. or aeromagnetic anomalies.

# TABLE OF GEOLOGIC FORMATIONS

AGE	PROBABLE THICKNESS		
TERTIARY		14b	14b - FINELY LAMINATED, LIGHT GREY, RHYOLITIC TUFF. (913)
		14a	14a - APHANITIC, LIGHT GREENISH TO REDDISH QUARTZ FELDSPAR PORPHYRY. (926)
CRETACEOUS TO TERTIARY		13	13 - SAUSSURITIZED PORPHYRITIC HORNBLLENDE DIORITE. (942)
		INTRUSIVE	
		12	12 - WEATHERING RUSTY BROWN, MEDIUM GRAINED, DARK GREEN-GREY, EQUIGRANDULAR ALTERED PYROXENITE AND HORNBLLENDE DIORITE. (928)
		INTRUSIVE	ANVIL BATHOLITH
CRETACEOUS		11	11 - MEDIUM GREY, EQUIBRANULAR BUT LOCALLY PORPHYRITIC AND FOLIATED, HYPIDIOMORPHIC, MEDIUM GRAINED QUARTZ MONZONITE BUT RANGES FROM BIOTITE QUARTZ MONZONITE TO BIOTITE GRANODIORITE. (929)
TRIASSIC	300'	10a	10a - THIN BEDDED, PLATY, MEDIUM GREY CALCAREOUS SLATE, WITH LOCALLY INTERBEDDED FINE GRAINED ARGILLACEOUS LIMESTONE.
TRIASSIC	2000'	10	10 - BROWN WEATHERING CONGLOMERATE WITH QUARTZITE, SCHIST GRANITE GNEISS, BASALT, CHERT AND LIMESTONE PEBBLES. (944)
U. PERMIAN TO TRIASSIC		9	9 - DARK GREEN TO BLACK SERPENTINITE AND RELATED PERIDOTITE. (907)
		8c	ANVIL RANGE GROUP
U. PERMIAN		8c	8c - ORIGINALLY LIGHT GREY CRINOIDAL OR BIOCLASTIC LIMESTONE, NOW RECRYSTALLIZED. WEATHERS BUFF, CONTAINS MINOR QUARTZ, ESSENTIALLY A SPARITE. (906)
PERMIAN	1500'	8b	8b - MEDIUM TO DARK GREEN, MASSIVE, BASALTIC VARIETIES INCLUDING TUFFS, MASSIVE AMYGDALOIDAL FLOWS, PILLOWS AND PYROCLASTIC TYPES. (908)
L. PERMIAN	2000'	8a	8a - PALE GREEN, GREENISH BROWN, LIGHT GREY MASSIVE TO THIN BEDDED ARGILLACEOUS AND TUFFACEOUS CHERT, WEATHERS OFF-WHITE. LOCALLY BRICK RED DUE TO HEMATITE (JASPER), LOCALLY BRECCIATED. (925)
U. DEVONIAN TO MISSISSIPPIAN		7	7 - DARK GREY TO BLACK, MASSIVE TO THICK BEDDED, GRAPHITIC CHERT, ASSOCIATED DARK GREY GRAPHITIC CHERTY ARGILLITE AND ARGILLACEOUS SILTSTONE, MINOR ARGILLACEOUS LIMESTONE, GREYWACKE AND CHERT PEBBLE CONGLOMERATE. (918)
M. DEVONIAN	100'	6	6 - THIN BEDDED, PLATY, BLACK, CARBONACEOUS FETID CRINOIDAL LIMESTONE TO MASSIVE BUFF WEATHERING GREY BIOCLASTIC DOLOMITE. (905)
SIL. DEVONIAN	50'	5	5 - MASSIVE MED. TO LIGHT GREY, MED-COARSE GRAINED ORTHOQUARTZITE. (927)
ORDOVICIAN SILURIAN	400'	4	4 - GRAPTOLITIC BLACK CARBONACEOUS SLATE, BLACK SILTY SHALE, ARGILLITE, MINOR BLACK CHERT BANDS, MINOR PYRITE. (949)
		3d	3d - "GREENSTONE" - DARK TO PALE GREEN FOLIATED TO MASSIVE AMPHIBOLITE, CHLORITIC TUFF, AND ANDESITE. (911)
		3c	3c - THINLY LAMINATED SILTY LIMESTONE, ALTERNATING LAMINAE OF PHYLLITE AND SILTY FINE GRAINED GREY LIMESTONE. (920)
MIDDLE UPPER CAMBRIAN?	4000'+	3b	3b - SILVERY GREY WEATHERING, GREY TO BLACK FOLIATED SERICITE CHLORITE, BIOTITE, GRAPHITE PHYLLITE. CAN CONTAIN LARGE GREENSTONE LENSES. (934)
		3a	3a - LIGHT TO DARK GREY, BLACK QUARTZ SERICITE, BIOTITE, CHLORITE, PHYLLITE ALSO INCLUDES QUARTZ GRAPHITE PHYLLITE (3aq) AND QUARTZITE (3aq). GENERALLY CONTAINS SMALL GREENSTONE LENSES. (931)
		2e	2e - DARK GREEN MASSIVE AMPHIBOLITE OCCURRING AS LENSES THROUGHOUT UNIT. (921)
		2d	2d - TAN WEATHERING, MEDIUM GRAINED QUARTZ BIOTITE GARNET MUSCOVITE SCHIST WITH ANDALUSITE, GARNETS, AND STAUROLITE. (941)
LOWER CAMBRIAN?	2000'+	2c	2c - MASSIVE WHITE TO CREAMY CRYSTALLINE LIMESTONE TO MARBLE. (903)
		2b	2b - WHITEISH WEATHERING, BANDED PALE TO DARK GREEN, PURPLISH BROWN BANDED CALC-SILICATES WITH PHYLLITIC AND SCHISTOSE PARTINGS. (916)
		2a	2a - BROWN WEATHERING, MEDIUM TO COARSE GRAINED QUARTZ BIOTITE SCHIST WITH MINOR MUSCOVITE ANDALUSITE, GARNET, AND STAUROLITE PORPHYROBLASTS COMMON. (947)
PROTEROZOIC		1	" GRID UNIT "
		1	1 - GREY WEATHERING MEDIUM-DARK GREY, MUSCOVITE METAQUARTZITE LOCALLY COLOUR BANDED, MINOR CHLORITE, TOURMALINE AND CARBONATE INTERFOLIATED BLACK GRAPHITIC QUARTZITE COMMON. (946)

Table (i) DRILL LOGS - RICH MINERAL CLAIMS

D.D.H. 67-B2

(0 ft. to 535 ft.)

*0-10	Qtz. bio-ser. schist with andalusite porphyroblasts
10-30	Gradational
*30-40	More skarny banded bio-sericite skarn
*40-60	Greyish green massive siliceous skarn greyish green skarn with micaceous partings
60-90	Essentially same as before, biotite rich skarn bands alternating with more massive, paler grey sericite-chlorite skarn bands
*90-120	Massive, whitish grey skarn.
*120-140	Biotite rich skarn with strong purple/green colour banding
140-160	Veinlets with pyrite and calcite in biotite-rich skarn with strong purple/green colour banding
160-180	Banded bio skarn as before.
180-210	Spilled core box, core missing.
*210-230	Biotite-banded skarn
*230-250	Massive green, pyrrhotite-rich skarn
250-270	Greyish skarn, banded but with little biotite.
270-290	Banded skarn
*290-320	Schistose rock with small porphyroblasts of starolite?
320-340	Schistose rock with small porphyroblasts of starolite with occasional narrow bands (1"-3" wide of pure biotite
340-360	Banded skarn
360-370	Biotite-rich skarn
370-390	Dark green skarn
390-420	Biotite bands, pyrrhotite, pyrite in qtz. veins, green, massive skarn, mottled dirty-white and green, limey in places, small calcite veinlets.
420-455	Alternating biotite sericite qtz. schist with porphyroblasts and greenish, mottled skarn.
*455	Narrow contact, sharp shear zone, No gouge or breccia.

\* Sample submitted for rock geochem.

460-470	Massive grey limestone
470	Sharp contact but not shear zone Micaceous grey quartzite or skarn
480	Skarny limestone with decreasing $\text{CaCO}_3$ content Non-limey banded skarn with biotite
*490	Qtz. biotite schist with occasional skarny bands
500	
*510	Granodiorite dike Banded biotite skarn rock
520	Skarny limestone
*530	Bottom of hole

\* Sample submitted for rock-geochem

D.D.H. 65-62

(0 ft. to 525 ft.)

- 0-60 No core, overburden?
- \*60-77 Banded skarn with bio.schist partings, rusty on fracture surfaces, veinlets of pyrrhotite, very qtz-rich, minor sericite, no starolite, garnet, or andalusite porphyroblasts.
- 78-101 Core missing
- 102-109 Banded biotite skarn
- \*110-119 More abundant pyrrhotite veinlets.
- 120-124 Finely laminated throughout but not strongly fissile - perfect core recovery in lengths to several inches
- 125-150 Core missing
- 151-174 Banded biotite skarn
- 175-180 Well fractured, limonite stained qtz. sericite schist, core condition poor, some is missing, some may be out of place.
- 181-189 Resembles biotite skarn but lacks good purple and green colour banding.
- \*190-199 Massive, essentially unbanded qtzite, lacks mica minerals.
- 200-205 Narrow band of fractured, sericite-rich qtz. schist.
- 206-209 Biotite banded skarn, occasional qtz. veins 1"-2" wide bordered by narrow zones of chlorite alteration.
- \*210-219 Occasional veinlets and blebs of pyrrhotite.
- 220-224 Biotite banded skarn.
- \*225-249 More biotite rich giving more distinct colour banding. No more fissile.
- \*250-265 Massive, greenish-grey, qtzite or skarn abundant pyrrhotite in places
- 266-275 Biotite banded skarn with poor colour banding.
- 276-285 More massive greenish qtzite/skarn with poorer colour banding. This qtz. veinlet bordered by calcite.
- \* 286-287 Biotite skarn with pink garnet porphyroblasts.
- \* 288-297 Greenish biotite skarn with poor colour banding. Green skarn with abundant pyrrhotite ( ~ 4%)
- \* 298-335 Biotite banded skarn.  
At 310' - 1 ft. wide barren quartz vein.

\* Sample submitted for rock geochem.

336-339 More massive, unbanded skarn  
340-439 Core missing  
\*440-459 Greyish, skarny appearing rock with poor micaceous partings. Very little biotite, no pyrrhotite. Poorly developed banding.  
\*460-465 Greyish, sericite-rich rock. Foliation surface at greater angle to drill hole than has been the case in hole to here.  
\*466-480 Massive grey skarn, biotite banded skarn, occasional pinkish garnet porphyroblasts close to biotite sericite qtz. schist.  
\*481-495 Fine-grained alaskite? dike  
\*495-499 Green, massive skarn, little biotite.  
500-507 Biotite bands in skarn  
\*508-525 Biotite sericite qtz. schist, garnet porphyroblasts greenish skarny bands occasionally  
End of hole

\* Sample submitted for rock geochem.

D.D.H, 67-21

starts in bio. schist/skarn and ends in same at 405 ft.

### LINECUTTING

A picket line grid with cross lines at 800 foot intervals and stations of 100 foot spacing was cut over the entire claim group. The base line is oriented at 315° and coincides with the northernmost claim line, the point of origin (Line 0, Station 0) being at claim posts for Hoho claim numbers 23, 24, 25 and 26. A total of 107,000 feet of line was cut. Good linecutting was severely hampered by heavy brush cover over much of the property. A crew of four locally hired natives was used for linecutting.

### GEOCHEMICAL SURVEY

Soil samples were collected at 200 foot intervals along selected lines in the vicinity of the CEM anomalies. An approximate total of 420 samples were collected and sent to the Barringer Research Laboratory in Whitehorse for copper, lead and zinc determinations. HClO<sub>4</sub> extraction was used for soils; .5 N HCl extraction was used for silts. Inspection of the resulting data shows background values for copper and lead within the claim group area being in the order of 20 to 25 ppm. For zinc, the background appears to be about 60 to 70 ppm.

#### Copper

Copper values range from 15 to 140 ppm, anomalous values are considered to be in excess of a threshold of 50 ppm, median values range from 25-30 ppm.

Seven small areas of anomalous copper, each area including between 2 and 5 stations, occur on the grid. A few 'spot highs' in excess of 50 ppm were also found.

Cu. Geochem Anomalies

	<u>Location</u>		<u>Coincident Features</u>
No. 1	Hoho-Bram grid 32W, 33S	3 anomalous stations highest value 76 ppm	- CEM conductor - AEM conductor - Partially coincident with weak aeromagnetic anomaly - Close to narrow greenstone lense containing occasional flecks of visible chalcopyrite and abundant pyrite
No. 2	Hoho-Bram Grid 56E, 14S	2 anomalous stations highest value 57 ppm	- Partially coincident with AEM conductor
No. 3	Recon. Grid extension of Hoho-Bram Grid co-ord. 60W, 38S	3 anomalous stations highest values 120 ppm	- Coincident anomalous lead-zinc values
No. 4	Recon. Grid extension of Hoho-Bram Grid Co-ord. 74W, 38S	3 anomalous stations highest values 140 ppm	
No. 5	Recon. Grid extension of Hoho-Bram Grid Co-ord. 106W, 36S	5 anomalous stations highest values 110 ppm	
No. 6	Recon. Grid extension of Hoho-Bram Grid Co-ord. 106W, 30S	4 anomalous stations highest values 120 ppm	- Coincident AEM conductor
No. 7	Recon. Grid extension of Hoho-Bram Grid Co-ord. 150W, 36S	2 anomalous stations highest values 51 ppm	

### Lead

With the exception of Cu anomaly No. 3 on the Recon. Grid, anomalous copper values do not coincide with anomalous lead-zinc values. Lead and zinc geochemistry is certainly less widespread than copper. Lead values range from 15 ppm to a high of 360 ppm, average values of lead in soils are in the order of 30 ppm, threshold has been estimated at 50 ppm.

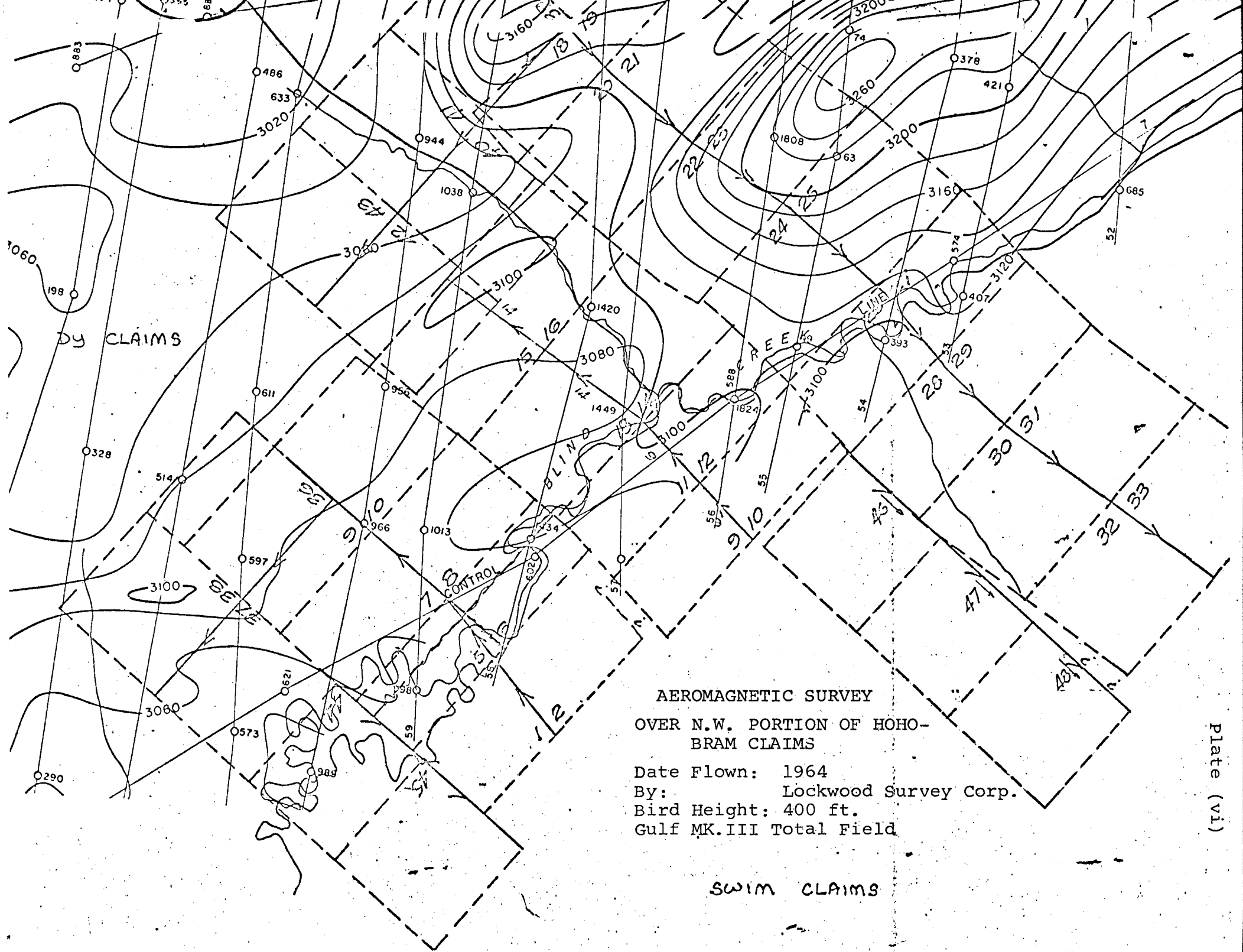
Only one significant lead anomaly in soils was outlined on the northwest border of the claim group on the recon. grid. Two recce soil samples taken 400 feet apart along a sidehill contour gave values of 360 and 120 ppm. A third sample taken 1000 feet northwest of the first two samples and along the direction of geologic strike assayed 78 ppm lead.

Although this recon. anomaly is small and is made up of only three anomalous sites, it is nevertheless a significant target in that it follows the strike of the quartzose phyllite unit, it has coincident anomalous values in zinc and copper and it falls near a weak 20 gamma aeromagnetic gradient.

### Zinc

Zinc values range from 20 to 410 ppm, average values are in the order of 60 ppm and threshold is 100 ppm.

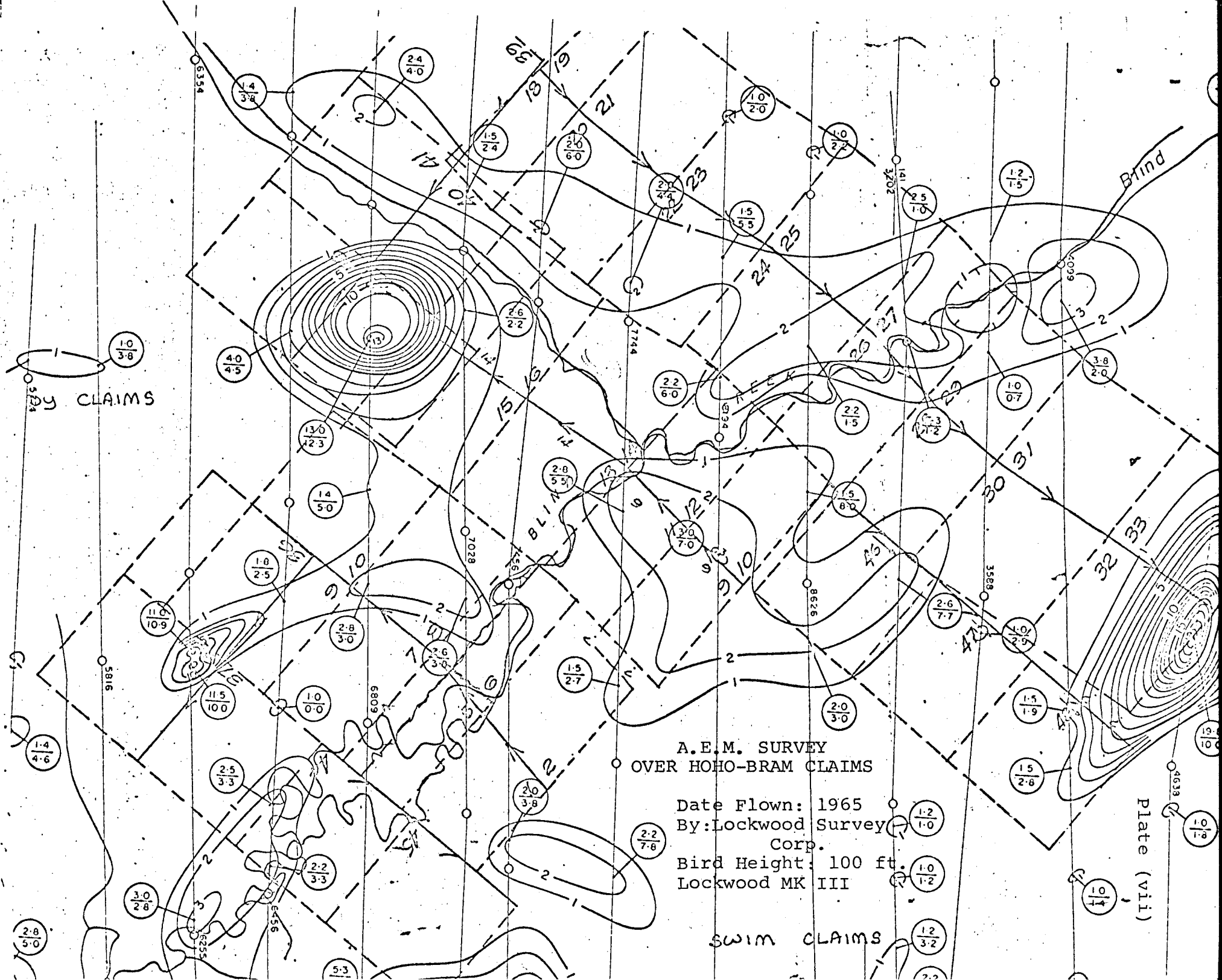
The major zinc anomaly in soils coincides with the abovementioned copper and lead anomaly on the northwest border of the property. As expected, the zinc anomaly is larger than the copper and lead anomalies and has dimensions of 2000 feet by 500 feet in width. Several small zinc anomalies were outlined, most are in close proximity to the contact of the Anvil Batholith and are probably of no economic significance.



AEROMAGNETIC SURVEY  
OVER N.W. PORTION OF HOHO-  
BRAM CLAIMS

Date Flown: 1964  
By: Lockwood Survey Corp.  
Bird Height: 400 ft.  
Gulf MK.III Total Field

SWIM CLAIMS



Hoho-Bram Claims

A.E.M. SURVEY  
OVER HOHO-BRAM CLAIMS

Date Flown: 1965  
 By: Lockwood Survey Corp.  
 Bird Height: 100 ft.  
 Lockwood MK III

Swim Claims

Plate (vii)

### GEOPHYSICAL SURVEYS

A helicopter-borne AEM survey was flown over the Hoho-Bram area in 1965 for Dynasty Explorations by Lockwood Survey Corporation. Two well-defined conductors were outlined, one west of Blind Creek and located within sericite chlorite schists, the other is east of Blind Creek and located within limestone and limey-phyllite units.

The western conductor is partially coincident with a small aeromagnetic expression. This 20 gamma aeromagnetic anomaly is likely covered by a thin band of greenstone mapped in close proximity to the plotted location of the aeromag feature. No aeromagnetic survey coverage was completed east of Blind Creek in the vicinity of the property.

Ground geophysical follow-up consisted of Crone C.E.M. surveys and magnetometer surveys over the Hoho-Bram picket-line grid.

#### Magnetic Survey

A Scintrex MF-2 fluxgate magnetometer was used for the magnetic survey. This instrument is hand-held and measures the vertical component of the magnetic field. Cross lines on the grid were 'looped' and readings were corrected for diurnal drift by re-reading established base stations.

A combination of nearly continuous magnetic storms and a suspected malfunction within the circuitry of the magnetometer gave unreliable data thus causing the survey to be abandoned. Available aeromagnetic data was used for geophysical interpretations.

Electromagnetic Survey

An E.M. survey was carried out over the grid area with a Crone C.E.M. instrument. A horizontal loop configuration was used with a coil separation of 400 feet. Resultant dip angles from the 1800 cps frequency were plotted on a base scale of 1:400 ft. and were profiled and contoured. Field strength ratios were also profiled. A large tense conductor was revealed in the area of the A.E.M. anomaly located west of Blind Creek. This conductor as defined by the C.E.M. survey has dimensions of 2200 feet by 2400 feet, its major axis trends in an east-west direction and is on strike with the Vangorda Deposit located 5 miles west of the Hoho-Bram claims. Conductive response reaches negative resultant dip angle values in excess of -50 degrees. The negative dip angle profile is typical of a flat-lying conductive body. The field strength ratio profiles closely approximate the dip angle response and also typify a flat-lying body of good conductivity.

Three other C.E.M. anomalies were outlined on the grid:

<u>Location-Mid point conductor Axis</u>	<u>Maximum Response</u>	<u>Coincident Features</u>
4E 7N	-20°	Aeromagnetic anomaly
72E 3S	-30°	A.E.M. conductor
72E 18S	+30°	

The two anomalies on line 72E are related to the A.E.M. conductor outlined in that area. Ground survey coverage in this area is not complete. The north-south strike of the main axis of the A.E.M. conductor coincides with the strike of nearby outcrops.

SUMMARY AND CONCLUSIONS

The Hoho-Bram Mineral Claims cover dark grey, quartz-rich phyllite units as well as sections of sericite-chlorite phyllite.

Outcrop has not been found in close proximity to significant geophysical anomalies. The two major conductors are within areas of phyllite that are thought to be high in the section.

The Hoho-Bram claims are located in a geologically favourable area. The property is approximately on strike with the Vangorda Deposit and is within close proximity to the Swim Deposit.

The Dynasty 1965 A.E.M. survey outlined a thick sequence of very conductive northwesterly striking graphitic schist found south of Swim Lake and striking towards the Hoho-Bram claims. Within this belt of high conductivity rocks is found the Swim Deposit which is enveloped on its north and south flanks by graphitic phyllite. Any conductors outlined on the Hoho-Bram claims should be diamond drilled because of their proximity to the 'Swim' conductors.

Drilling is recommended for the following targets:

<u>Hole</u>	<u>Location</u>	<u>Target</u>
D.D.H. 1	Hoho-Bram Grid 28W 35S	CEM-Ve dip angle AEM conductor Cu anomaly in soils
D.D.H. 2	Hoho-Bram Grid 20W 30S	Aeromag anomaly CEM anomaly AEM conductor
D.D.H. 3	Hoho-Bram Grid 4E 10N	CEM anomaly Aeromag anomaly
D.D.H. 4	Hoho-Bram Grid 72E 20S	+Ve CEM Dip angle
D.D.H. 5	Hoho-Bram Grid 72E BL	-Ve CEM dip angle AEM conductor

Two residual gravity anomalies taken from survey information pertaining to the original DY claims, are approximately coincident with the main C.E.M. conductor on line 32W. The exact location of the gravity anomalies is not certain, however their presence does make the conductive zone a more attractive target.

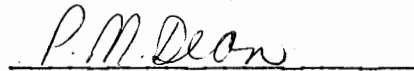
All holes should be drilled to at least 400 foot depth. Proposed drilling would be part of the overall Anvil-Tintina Project drill program planned for 1972.

Additional protective staking is recommended for coverage of geochemical anomalies found on the northwest extension of the Hoho-Bram Grid.

Respectfully submitted,

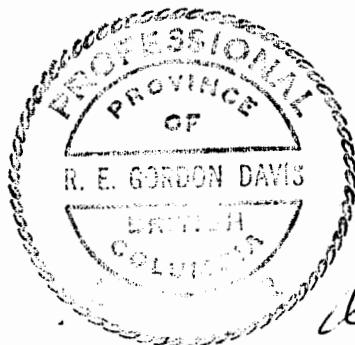


J. S. Brock,



P. Dean

December, 1971



SUMMARY OF COSTS  
HOHO-BRAM CLAIM GROUP

	<u>Sched.</u>	<u>Total</u>	<u>Prospect- ing</u>	<u>Line- cutting</u>	<u>Geology</u>	<u>Geophysics</u>	<u>Geochem</u>	<u>Camp</u>	<u>Wing Transptn.</u>
Wages - General	"A"	4,386.36	351.05	1,231.91	708.01	1,018.98	282.24	794.17	
- Reports	"B"	417.35			257.14	108.00	52.21		
Contract Charges	"C"	478.00				28.00	450.00		
Assays	"D"	991.20					991.20		
Field Expenses	"E"	2,220.33						2,220.33	
Rotary Wing	"E"	1,036.62							1,036.62
Base Camp Support (.468578 x general wages)	"F"	2,055.35	164.49	577.25	331.76	477.47	132.25	372.13	
		<u>11,585.21</u>	<u>515.54</u>	<u>1,809.16</u>	<u>1,296.91</u>	<u>1,632.45</u>	<u>1,907.90</u>	<u>3,386.63</u>	<u>1,036.62</u>
Administration 10%		<u>1,158.52</u>	<u>51.55</u>	<u>180.92</u>	<u>129.69</u>	<u>163.25</u>	<u>190.79</u>	<u>338.66</u>	<u>103.66</u>
TOTAL EXPENDITURE		<u>12,743.73</u>	<u>567.09</u>	<u>1,990.08</u>	<u>1,426.60</u>	<u>1,795.70</u>	<u>2,098.69</u>	<u>3,725.29</u>	<u>1,140.28</u>

✓

✓

✓

✓

✓

✓

✓

TELEPHONE 685-4331

**DYNASTY EXPLORATIONS LIMITED**330 MARINE BUILDING  
355 BURRARD STREET  
VANCOUVER 1, B.C.AFFIDAVIT SUPPORTING SUMMARY OF COSTS

I, PETER DEAN, Geologist, Dynasty Explorations Limited, of Vancouver, British Columbia, do hereby state that, to the best of my knowledge and belief, the statement of cost presented in this report (Geologic, Geochemical and Geophysical Investigations - Ho-Ho - Bram Mineral Claims) is both correct and true.

P. M. Dean  
Peter Dean

Feb 17/72  
Date

[Signature]  
Notary Public in and for  
Yukon Territory

H0H0 - BRAM CLAIM WAGE SUMMARY

SCHEDULE "A"

NAME	TOTAL	PROSPECTING	STAKING	LINECUTTING	GEOLOGY	GEOPHYSICS	GEOCHEMISTRY	CAMP.
JOE BILLIE	(5) 330.00			(3) 286.00				(2) 44.00
T. BRITTON	(2) 400.90		(1) 54.99	(2) 366.6		(15)		(1) 18.33
T. S. BROCK	(11) 549.09			(3) 183.00	(2) 183.00	(1) 272.59	(1) 18.33	(1) 18.33
P. DEAN	(15) 218.15		(1) 30.00	(1) 30.00	(1) 360.00	(1) 181.48	(2) 163.00	(2) 60.00
E. DENNISON	(1) 509.03					(1) 29.03		
G. ETZEL	(12) 30.43			(3) 30.43				(2) 44.00
M. LADUE	(13) 330.00			(3) 286.00				(2) 44.00
L. LADUE	(10) 220.00			(1) 176.00				(2) 44.00
D. PASTRO	(18) 396.00							(6) 396.00
W. ROBERTS	(1) 45.46				(1) 45.46			
T. SHONSENG	(18) 390.06	325.05						(3) 65.01
T. YOACHIM	(2) 437.40		(2) 40.00	(2) 40.00		(4) 277.40	(1) 60.00	(1) 20.00
	4186.43	325.05	124.99	1140.66	655.56	943.50	261.33	735.34
LESS STAKING	124.99		124.99					
	4061.44		-					
NON WAGE LABOR COSTS AT 8%	324.92	26.00	-	91.25	52.45	75.48	20.91	58.83
TOTAL EXPENSE	4386.36	351.05	-	1231.91	708.01	1018.98	282.24	794.17



NAME J. BRITTON  
 TYPE OF WORK FIELD ASST  
 RATE OF PAY 550/month

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
	✓			847-071	
	✓			"	
3	✓			"	
	✓			845-071	
	✓			211	
6	✓			071	
	✓			071	
9	✓			031	
	✓			071	
1	✓			031	
11	✓			071	
12	✓			071	
1	✓			071	
14	✓			071	
15	✓			031	
1	✓			051	
17	✓			071	
18	✓			051	
1	✓			071	
20	✓			071	
21	✓			081	
2	✓			809-211	
22	✓			051	
24	✓			081	
2	✓			081	
22	✓			071	
27	✓			081	
2	✓			081	31
22	✓			081	
30	✓			051	

PAYROLL DEPT. USE ONLY		
1 mo @ 550.		550.-
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	@	
GROSS BEFORE BOARD		550.-
30 @ 2.50 BOARD		75.-
GROSS EARNINGS		625.-
DEDUCTIONS		
1) CANADA PENSION	10.35	
2)		
3) INCOME TAX	119.95	
4) GROUP		
5) M.S.A.		
6) ACCTS. REC.		
7)		
8) BOARD	75.-	
9)		
10)		
11) MID MONTH ADVANCE		205.30
NET PAY		419.70

TOTAL 30

**PAID**

- LABOUR CODING**
- 01 PROPERTY EXAMINATION
  - 02 PROSPECTING
  - 03 STAKING
  - 04 AIRBORN SURVEYS
  - 05 LINE CUTTING
  - 06 GEOLOGY
  - 07 GEOPHYSICS
  - 08 GEOCHEMISTRY
  - 09 DIAMOND DRILLING
  - 10 PHYSICAL WORK
  - 11 ACCESS ROADS
  - 21 CAMP OPERATIONS
  - 1-01 VANC. OFFICE - ADMIN.
  - 2-01 VANC. EXPLORATION OFFICE
  - 93-01 WHITE HORSE BASE
  - 94-01 ROSS RIVER BASE
  - 5-01 GEOCHEM. LAB.
  - 5-01 BULLDOZER

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
809-051	3	54.99	
809-051	5	91.75	
809-211	1	18.33	
845-031	3	54.99 ✓	
845-051	2	36.66 ✓	
845-071	11	201.63 ✓	
845-081	1	18.33 ✓	
845-211	1	18.33 ✓	
847-071	3	54.99	
	<u>30</u>		

18.33

EMPLOYEE \_\_\_\_\_

APPROVED P. Deon





ATLAS EXPLORATIONS LIMITED

TIME SHEET

NAME JOHN BROCK  
 TYPE OF WORK EXPLORATION M.V.B.  
 RATE OF PAY 1100/MO

FOR THE MONTH OF JUNE 19 71

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
7	✓				ANVIL
12	✓				"
13	✓			.07	ACME CLAIMS
14	✓			06	BRAM
15	✓				ANVIL
16	✓			ADMIN	DYNASTY - ROSS RIVER BASE
17	✓				ANVIL
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NOV	1/3	- ADMIN.	1-602	366.00
	1/3	- HO - BRAM	$\frac{617}{71}$ 845	366.00
	1/3	- CAPA ECHO DELTA	61 - 848	122.-
			61 - 849	123.-
			61 - 850	123.-
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9/83  
10/5/83  
Dul

Dec -	1 week	AN VII -	VIC EXPL.	
			1-602	305.-
		HO - BRAM - 3 days	845	183.-
		ECHO - DRIT - CIVIL	1 week	
			$\frac{815}{819}$ 102	
			150	112
		- General Admin	1/5	
				<hr/>
				602. 306
				<hr/>
				1100

DISTRIBUTION

GEOCHEM.	1/3	183	} 3 days each
GEOPHYSICS	1/3	183	
GEOLOGY.	1/3	183	
		<hr/>	
		549	

ALAS EXPLORATIONS LIMITED

TIME SHEET

NAME P DEAN  
 TYPE OF WORK GEOLOGIST  
 RATE OF PAY 900 / month

FOR THE MONTH OF JUNE 19 71

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
2	✓			847 061	
	✓			071	
	✓			061	
	✓			845-061	
5	✓			211	
	✓			051	
	✓			031	
8	✓			061	
	✓			"	
	✓			"	
11	✓			"	
	✓			211	
	✓			061	
14	✓			"	
	✓			"	
	✓			"	
17	✓			"	
	✓			"	
	✓			"	
20	✓			809-061	
	✓			061	
	✓			211	
23	✓			051	
	✓			061	
	✓			061	
26	✓			061	
	✓			061	
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29	✓			061	
	✓			061	

PAYROLL DEPT. USE ONLY		
1 mo @	900.-	900.-
	@	
	@	
GROSS BEFORE BOARD		900.-
30 day <sup>2.50</sup> BOARD		75.-
GROSS EARNINGS		975.-
DEDUCTIONS		
1) CANADA PENSION	16.65	
2)		
3) INCOME TAX	230.30	
4) GROUP	-	
5) M.S.A.	-	
6) ACCTS. REC.	-	
7)		
8) BOARD	75.-	
9)		
10)		
11) MID MONTH ADVANCE		321.95
NET PAY		653.05

**PAID**

- TOTAL
- | LABOUR CODING |                          |
|---------------|--------------------------|
| -01           | PROPERTY EXAMINATION     |
| -02           | PROSPECTING              |
| -03           | STAKING                  |
| -04           | AIRBORNE SURVEYS         |
| -05           | LINE CUTTING             |
| -06           | GEOLOGY                  |
| -07           | GEOPHYSICS               |
| -08           | GEOCHEMISTRY             |
| -09           | DIAMOND DRILLING         |
| -10           | PHYSICAL WORK            |
| -11           | ACCESS ROADS             |
| -21           | CAMP OPERATIONS          |
| 1-01          | VANC. OFFICE - ADMIN.    |
| 92-01         | VANC. EXPLORATION OFFICE |
| 93-01         | WHITE HORSE BASE         |
| 4-01          | ROSS RIVER BASE          |
| 5-01          | GEOCHEM. LAB.            |
| 96-01         | BULLDOZER                |

PAYROLL DEPT. USE ONLY			
PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
809-051	1	30.00	
809-061	8	240.00	
809-081	1	30.00	
809-211	1	30.00	
845-061	12	360.00	✓
845-031	1	30.00	✓
845-051	1	30.00	✓
845-211	2	60.00	✓
847-061	1	30.00	
847-071	1	30.00	
<b>30</b>		<b>975.00</b>	

EMPLOYEE P. Dean

APPROVED \_\_\_\_\_

TLAS EXPLORATIONS LIMITED

TIME SHEET

FOR THE MONTH OF JULY 19 71

NAME P DEAN  
 TYPE OF WORK geologist  
 RATE OF PAY 900 per month

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
	✓			809-061	
	✓			809-061	
3	✓			809-061	
	✓			809-061	
	✓			809-061	
6	✓			809-061	
	✓			809-061	
	✓			809-061	
9	✓			809-061	
	✓			847-071	
	✓			847-071	
12	✓			845-071	
	✓			809-211	
	✓			809-211	
15	✓			809-211	
	✓			848-061	
18	✓			-061	} CDPA CLAIM GROUP
	✓			-061	
	✓			849-061	} DELTA
21	✓			849-061	
	✓			-061	
	✓			809-061	
24	✓			849-061	
	✓			849-061	161
	✓			849-061	
27	✓			849-061	
	✓			809-061	
	✓			849-061	
30	✓			848-061	
	✓			809-061	

PAYROLL DEPT. USE ONLY		
1 mo @	900.00	900.00
@		
@		
	<u>29.03</u>	
GROSS BEFORE BOARD		900.00
31 @ 2.50 BOARD		77.50
GROSS EARNINGS		<u>977.50</u>
DEDUCTIONS		
1) CANADA PENSION	16.70	
2)		
3) INCOME TAX	230.30	
4) GROUP	-	
5) M.S.A.	-	
6) ACCTS. REC.	-	
7)		
8) BOARD	77.50	
9)		
10)		
11) MID MONTH ADVANCE		324.50
NET PAY		<u>653.00</u>

TO

LABOUR CODING	
-01	PROPERTY EXAMINATION
-02	PROSPECTING
-03	STAKING
-04	AIRBORN SURVEYS
-05	LINE CUTTING
-06	GEOLOGY
-07	GEOPHYSICS
-08	GEOCHEMISTRY
-09	DIAMOND DRILLING
-10	PHYSICAL WORK
-11	ACCESS ROADS
-21	CAMP OPERATIONS
1-01	VANC. OFFICE - ADMIN.
2-01	VANC. EXPLORATION OFFICE
93-01	WHITE HORSE BASE
94-01	ROSS RIVER BASE
5-01	GEOCHEM. LAB.
5-01	BULLDOZER

PAYROLL DEPT. USE ONLY			
PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
61-809	12	348.36	
51-809	1	29.03	
211-809	3	87.09	
71-845	1	29.03	
71-847	2	58.06	
61-848	✓	145.15	
31-849	✓	29.03	
61-849	✓	145.15	
51-849	1	29.10	
	<u>31</u>	<u>900.00</u>	

EMPLOYEE P. Dean

APPROVED \_\_\_\_\_

NAME James A. Dennison  
 TYPE OF WORK Druggistman  
 RATE OF PAY \_\_\_\_\_

FOR THE MONTH OF March 19 71

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
	✓			836	✓ LORNA
	✓			838	✓ ROTE
3	✓			836-839	✓ LORNA, GRAN
	✓			845	✓ HCHO-BRAN ✓
	✓			836-838-205	✓ LORNA ROTE, DR PHG LTD
6	✓				
	✓			836-838-845-857	✓ LORNA, ROTE, HCHO-BRAN, GRAN
9	✓			602-836-838	✓ DYNASTY EXT, LORNA, ROTE ETC
	✓			806	✓ PAY ✓
	✓			806	✓ PAY ✓
12	✓			809-806	✓ ARVIL CREEK AREA - PAY.
1	✓				
15	✓			809	✓ TINTINA OEX.
1	✓			809	✓ " " "
18	✓			809-	✓ " " " <u>AREA FL.</u>
1	✓				✓ PAY, <u>DRB FL.</u>
21	✓				
2	✓				✓ PAY, VIKR
2	✓	✓			— SICK " "
24	✓	✓			— SICK, ARVIL AREA
2	✓	✓			— SICK
2	✓				✓ TINTINA OEX, Victor OEX
27	✓				
2	✓				✓ Victor OEX
30	✓				✓ Victor OEX
3	✓				✓ Victor OEX.
TOTAL					

PAYROLL DEPT. USE ONLY	
_____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
GROSS BEFORE BOARD	_____
BOARD	_____
GROSS EARNINGS	_____
DEDUCTIONS	
1) CANADA PENSION	_____
2)	_____
3) INCOME TAX	_____
4) GROUP	_____
5) M.S.A.	_____
6) ACCTS. REC.	_____
7)	_____
8) BOARD	_____
9)	_____
10) UIC	_____
11) MID MONTH ADVANCE	_____
NET PAY	_____

LABOUR CODING	
-01	PROPERTY EXAMINATION
-02	PROSPECTING
-03	STAKING
-04	AIRBORN SURVEYS
-05	LINE CUTTING
-06	GEOLOGY
-07	GEOPHYSICS
-08	GEOCHEMISTRY
-09	DIAMOND DRILLING
-10	PHYSICAL WORK
-11	ACCESS ROADS
-21	CAMP OPERATIONS
1-01	VANC. OFFICE - ADMIN.
2-01	VANC. EXPLORATION OFFICE
93-01	WHITE HORSE BASE
94-01	ROSS RIVER BASE
5-01	GEOCHEM. LAB.
5-01	BULLDOZER

PAYROLL DEPT. USE ONLY			
PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
61-845	MEMO, 1	30.43 ✓	
61-806	PAY 4	121.72	
61-809	TINTINA 10%	319.63	
61-815	VICTOR 4	121.72	
215-121	DRPHG. 1/2	15.21	
01-602	GST 3	91.29	
	23	700.00	

EMPLOYEE James A. Dennison

APPROVED \_\_\_\_\_







ATLAS EXPLORATIONS LIMITED

TIME SHEET

NAME D. PASTRO  
 TYPE OF WORK COOK  
 RATE OF PAY \$22 per day

FOR THE MONTH OF JUNE 1971

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
1	✓			847-211	
2	✓			"	
3	✓			"	
4	✓			845-211	
5	✓			"	
6	✓			"	
7	✓			"	
8	✓			"	
9	✓			"	
10	✓			"	
11	✓			"	
12	✓			"	
13	✓			"	
14	✓			"	
15	✓			"	
16	✓			"	
17	✓			"	
18	✓			"	
19	✓			"	
20	✓			"	
21	✓			"	
22	✓			809-211	
23	✓			"	
24	✓			"	
25	✓			"	
26	✓			"	
27	✓			"	
28	✓			"	
29	✓			"	
30	✓			"	
31	✓			"	
TOTAL	30				

PAYROLL DEPT. USE ONLY	
30 day @ 22/day	660.00
@	
@	
GROSS BEFORE BOARD	660.00
30 @ 2.50 BOARD	75.00
GROSS EARNINGS	735.00
DEDUCTIONS	
1) CANADA PENSION	12.33
2)	
3) INCOME TAX	155.00
4) GROUP	
5) M.S.A.	
6) ACCTS. REC.	11.20
7)	
8) BOARD	75.00
9)	
10) S.I.C.	6.06
11) MID MONTH ADVANCE	254.59
NET PAY	475.41

**PAID**

LABOUR CODING	PAYROLL DEPT. USE ONLY		
	PROJECT	DAYS	GROSS BEFORE BOARD
-01 PROPERTY EXAMINATION			
-02 PROSPECTING			
-03 STAKING			
-04 AIRBORN SURVEYS	809-211	9	198.-
-05 LINE CUTTING	845-211	18	396.-
-06 GEOLOGY	847-211	3	66.-
-07 GEOPHYSICS			
-08 GEOCHEMISTRY			
-09 DIAMOND DRILLING			
-10 PHYSICAL WORK			
-11 ACCESS ROADS			
-21 CAMP OPERATIONS			
-01 VANC. OFFICE - ADMIN.			
92-01 VANC. EXPLORATION OFFICE			
93-01 WHITE HORSE BASE			
1-01 ROSS RIVER BASE			
1-01 GEOCHEM. LAB.			
1-01 BULLDOZER			
TOTAL		30	660.-

1 Can. Pension  
 12.33  
 (155.00)  
 11.20  
 75.00

ATLAS EXPLORATIONS LIMITED

TIME SHEET

NAME W. Roberts

FOR THE MONTH OF April 19 71

TYPE OF WORK \_\_\_\_\_

RATE OF PAY \_\_\_\_\_

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS	
1	✓			Tintina	} in Yukon	
2	✓			OEX		
3	✓					
4	✓					
5	✓					
6	✓					
7	✓					
8	✓					
9		✓				
10		✓				
11		✓				
12		✓				
13	✓			136-06-1	836	
14	✓			839-06-1	839	
15	✓			838-06-1	838	
16	✓			841-06-1	841	
17		✓				
18		✓				
19	✓			845-06-1	845	
20	✓			845-06-1	845	
21	✓			Tintina	} ↓	
22	✓			OEX		
23	✓					
24		✓				
25		✓				
26	✓					
27	✓					
28	✓					
29	✓					
30	✓					

PAYROLL DEPT. USE ONLY		
1 MONTH @	\$ 1000.00	1000.00
_____ @	_____	_____
_____ @	_____	_____
GROSS BEFORE BOARD	_____	_____
BOARD	_____	_____
GROSS EARNINGS	_____	1000.00
DEDUCTIONS		
1) CANADA PENSION	17.10	_____
2) _____	_____	_____
3) INCOME TAX	241.15	_____
4) GROUP	3.15	_____
5) M.S.A.	2.95	_____
6) ACCTS. REC.	227.59	_____
7) _____	_____	_____
8) BOARD	_____	_____
9) _____	_____	_____
10) _____	_____	624.33
11) MID MONTH ADVANCE	360.00	646.83
NET PAY	_____	325.67
		353.17

TOTAL

PAYROLL DEPT. USE ONLY

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
61- 809	16	727.24	_____
61- 836	1	45.46	_____
61- 838	1	45.46	_____
61- 839	1	45.46	_____
61- 841	1	45.46	_____
61- 845	1	45.46	_____
61- 846	1	45.46	_____
	22	1000.00	_____

- LABOUR CODING
- 01 PROPERTY EXAMINATION
  - 02 PROSPECTING
  - 03 STAKING
  - 04 AIRBORN SURVEYS
  - 05 LINE CUTTING
  - 06 GEOLOGY
  - 07 GEOPHYSICS
  - 08 GEOCHEMISTRY
  - 09 DIAMOND DRILLING
  - 10 PHYSICAL WORK
  - 11 ACCESS ROADS
  - 21 CAMP OPERATIONS
  - 11-01 VANC. OFFICE - ADMIN.
  - 92-01 VANC. EXPLORATION OFFICE
  - 93-01 WHITE HORSE BASE
  - 74-01 ROSS RIVER BASE
  - 15-01 GEOCHEM. LAB.
  - 6-01 BULLDOZER

APPROVED  

EMPLOYEE 

ME

TED SKUNSENG

FOR THE MONTH OF JUNE 19 71

TYPE OF WORK

PROSPECTOR

RATE OF PAY

\$ 650 per month.

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
1	✓			847-021	
2	✓			"	3
3	✓			"	
4	✓			845-021	1
5	✓			211	1
6	✓			021	
7	✓			"	
8	✓			"	
9	✓			"	1/2
10	✓			"	
11	✓			"	
12	✓			211	
13	✓			211	2
14	✓			021	
15	✓			"	
16	✓			"	
17	✓			"	8
18	✓			"	
19	✓			"	
20	✓			"	
21	✓			"	
22	✓			809-021	
23	✓			"	
24	✓			"	
25	✓			"	
26	✓			"	9
27	✓			"	
28	✓			"	
29	✓			"	
30	✓			"	

PAYROLL DEPT. USE ONLY		
1 mo @	650.-	650.-
	@	
	@	
GROSS BEFORE BOARD		650.-
30 e 2 <sup>50</sup> BOARD		75.-
GROSS EARNINGS		725.-
DEDUCTIONS		
1) CANADA PENSION	10.80	
2)		
3) INCOME TAX	133.60	
4) GROUP		
5) M.S.A.		
6) ACCTS. REC.		
7)		
8) BOARD	75.-	
9)		
10) V.I.C.	6.06	
11) MID MONTH ADVANCE		225.46
NET PAY		499.54

**PAID**

TOTAL 30

- LABOUR CODING**
- 01 PROPERTY EXAMINATION
  - 02 PROSPECTING
  - 03 STAKING
  - 04 AIRBORN SURVEYS
  - 05 LINE CUTTING
  - 06 GEOLOGY
  - 07 GEOPHYSICS
  - 08 GEOCHEMISTRY
  - 09 DIAMOND DRILLING
  - 10 PHYSICAL WORK
  - 11 ACCESS ROADS
  - 21 CAMP OPERATIONS
  - 1-01 VANC. OFFICE - ADMIN.
  - 2-01 VANC. EXPLORATION OFFICE
  - 93-01 WHITE HORSE BASE
  - 94-01 ROSS RIVER BASE
  - 5-01 GEOCHEM. LAB.
  - 6-01 BULLDOZER

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
809-021	9	195.03	
845-021	15	325.05 ✓	
845-211	3	65.01 ✓	
847-021	3	64.91	
	<u>30</u>	<u>650.-</u>	

1 208 21.67

EMPLOYEE \_\_\_\_\_

APPROVED F. Deon

NAME T. YOACHIM  
 TYPE OF WORK GEO PHYSICAL OPER.  
 RATE OF PAY # 600 / month

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
1	✓			847 071	
2	✓			071	
3	✓			071	
4	✓			845 071	
5	✓			211	
6	✓			071	
7	✓			071	
8	✓			071	
9	✓			071	
10	✓			031	
11	✓			071	
12	✓			071	
13	✓			071	
14	✓			031	
15	✓			081	
16	✓			051	
17	✓			081	
18	✓			051	
19	✓			071	
20	✓			071	
21	✓			081	
22	✓			809 051	
23	✓			051	
24	✓			051 051	
25	✓			081	
26	✓			081	
27	✓			051	
28	✓			081	
29	✓			081	
30	✓			051	
31					

PAYROLL DEPT. USE ONLY		
1 mo	@ 600	600
	@	
	@	
GROSS BEFORE BOARD		600.00
30c 2 <sup>10</sup> BOARD		75.00
GROSS EARNINGS		675.00
DEDUCTIONS		
1) CANADA PENSION	11.25	
2)		
3) INCOME TAX	138.95	
4) GROUP		
5) M.S.A.		
6) ACCTS. REC.	59.31	
7)		
8) BOARD	75.00	
9)		
10) V.I.C.		
11) MID MONTH ADVANCE		284.51
NET PAY		390.49

**PAID**

TOTAL 30

PAYROLL DEPT. USE ONLY

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
809-051	3	60.00	
809-081	5	100.00	
809-211	1	20.00	
845-031	2	40.00	
845-051	2	40.00	
845-071	10	200.00	
845-081	3	60.00	
845-211	1	20.00	
847-071	3	60.00	
	<u>30</u>	<u>600.00</u>	

- LABOUR CODING
- 01 PROPERTY EXAMINATION
  - 02 PROSPECTING
  - 03 STAKING
  - 04 AIRBORN SURVEYS
  - 05 LINE CUTTING
  - 06 GEOLOGY
  - 07 GEOPHYSICS
  - 08 GEOCHEMISTRY
  - 09 DIAMOND DRILLING
  - 10 PHYSICAL WORK
  - 11 ACCESS ROADS
  - 21 CAMP OPERATIONS
  - 5 -01 VANC. OFFICE - ADMIN.
  - 52-01 VANC. EXPLORATION OFFICE
  - 93-01 WHITE HORSE BASE
  - 94-01 ROSS RIVER BASE
  - 5 -01 GEOCHEM. LAB.
  - 5 -01 BULLDOZER

T. Joachim  
 Commission  
 1 can please  
 3 hours  
 (bill enclosed) J. D. B. G. S. T. R.

**A LAS EXPLORATIONS LIMITED**

**TIME SHEET**

NAME T. Yachem  
 TYPE OF WORK GEOPHYSICAL CP.  
 RATE OF PAY 400 per month

FOR THE MONTH OF July 19 71

DA	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
2	✓			845-071	
	✓			845-071	
	✓			845-071	
	✓			845-071	
5	✓			809-081	
	✓			-081	
	✓			-081	
8	✓			081	
	✓			081	
1	✓			809-071	
11	✓			809-071	
1	✓			071	
1	✓			071	
14	✓			211	
1	✓			211	
1	✓			211	
17	✓			848-071	
1	✓			051	
1	✓			051	
20	✓			051	
2	✓			071	
2	✓			071	
23	✓			071	
2	✓			071	
2	✓			071	
26	✓			071	
2	✓			849-071	
2	✓			849-071	
29	✓			848-071	
	✓			-071	
	✓			849-071	

PAYROLL DEPT. USE ONLY		
1 mo.	@ 600.00	600.00
	@	
	@	
	1935	
GROSS BEFORE BOARD		600.00
31 @ 2.50 BOARD		77.50
GROSS EARNINGS		677.50
DEDUCTIONS		
1) CANADA PENSION	11.30	
2)		
3) INCOME TAX	138.95	
4) GROUP		
5) M.S.A.		
6) ACCTS. REC.	20.00 89	
7)		
8) BOARD	77.50	
9)		
10) U.I.C.	7.14	
11) MID MONTH ADVANCE		255.78
NET PAY		421.72

TOTAL

**PAYROLL DEPT. USE ONLY**

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
81-809	5	96.75	
71-809	4	77.40	
211-809	3	58.05	
71-845	4	77.40	
51-848	3	58.05	
71-848	9	174.15	
71-849	3	58.20	
	<u>31</u>	<u>600.00</u>	

LABOUR CODING	
-01	PROPERTY EXAMINATION
-02	PROSPECTING
-03	STAKING
-04	AIRBORN SURVEYS
-05	LINE CUTTING
-06	GEOLOGY
-07	GEOPHYSICS
-08	GEOCHEMISTRY
-09	DIAMOND DRILLING
-10	PHYSICAL WORK
-11	ACCESS ROADS
-21	CAMP OPERATIONS
91-01	VANC. OFFICE - ADMIN.
92-01	VANC. EXPLORATION OFFICE
93-01	WHITE HORSE BASE
4-01	ROSS RIVER BASE
5-01	GEOCHEM. LAB.
96-01	BULLDOZER

EMPLOYEE T. Yachem

APPROVED P. Dean

H3MS-BRAM

REPORT WRITING SUMMARY

SCHEDULE B

	TOTAL.	GEOLOGY	GEO PHYSICAL	GEOCHEMICAL
J. S. BROCK.	100.00		100.00	
W. ROBERTS	238.09	238.09		
W. HORSTMANN	27.63			27.63
P. DEAN	20.71			20.71
	<u>386.43</u>	<u>238.09</u>	<u>100.00</u>	<u>48.34</u>
8% NON WAGE LABOR COSTS	30.92	19.05	8.00	3.87
	<u>417.35</u>	<u>257.14</u>	<u>108.00</u>	<u>52.21</u>

# JOHN S. BROCK LIMITED

Mining Exploration Services

November 25th, 1971,

ACCOUNT WITH: Dynasty Explorations Limited,  
330-355 Burrard Street,  
Vancouver, B.C.

Professional Services Rendered Month of November, 1971

Administration - Yukon and B.C.  
Exploration Programs \$500.00

1	602	100.00
71 61 -	849	100.00
71 61 -	845	100.00
	<b>PAID</b>	
71 61	848	100.00
71 61	850	100.00

NAME W. Roberts  
 TYPE OF WORK Geologist  
 RATE OF PAY \_\_\_\_\_

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
	✓			Timmins	
	✓			Project	
3	✓			Wain-Brand	
	✓			Geology	
6					
9	✓			Timmins	
	✓			OFF	
	✓			Geology	
12	✓				
15	✓			Timmins	
	✓			Proj.	
	✓			Lorna, Pels	
18	✓			Gran. Tonn. En	
	✓			Geology	
21					
24	✓			Timmins	
	✓			Project	
	✓			Echo, Delta,	
	✓			Capeu Geology	
27					
30	✓			Timmins Proj	
	✓			Delta Ge.	

PAYROLL DEPT. USE ONLY		
1 mo	@	1000.00 10000.
	@	
	@	
GROSS BEFORE BOARD _____		
BOARD _____		
GROSS EARNINGS		<u>1000.00</u>
DEDUCTIONS		
1) CANADA PENSION	_____	
2) _____	_____	
3) INCOME TAX	_____	
4) GROUP	_____	
5) M.S.A.	_____	
6) ACCTS. REC.	_____	
7) _____	_____	
8) BOARD	_____	
9) _____	_____	
10) UIC	_____	
11) MID MONTH ADVANCE	_____	
NET PAY		_____

TOTAL	PAYROLL DEPT. USE ONLY		
	PROJECT	DAYS	GROSS BEFORE BOARD
	61-845	5	238.09
	61-809	4	190.47
	61-836	1	47.62
	838	1	47.62
	839	1	47.62
	841	1	47.62
	846	1	47.62
	848	2	95.24
	849	2	95.24
	850	3	142.86
		<u>21</u>	<u>1000.00</u>

- LABOUR CODING
- 01 PROPERTY EXAMINATION
  - 02 PROSPECTING
  - 03 STAKING
  - 04 AIRBORN SURVEYS
  - 05 LINE CUTTING
  - 06 GEOLOGY
  - 07 GEOPHYSICS
  - 08 GEOCHEMISTRY
  - 09 DIAMOND DRILLING
  - 10 PHYSICAL WORK
  - 11 ACCESS ROADS
  - 21 CAMP OPERATIONS
  - 1-01 VANC. OFFICE - ADMIN.
  - 12-01 VANC. EXPLORATION OFFICE
  - 93-01 WHITE HORSE BASE
  - 94-01 ROSS RIVER BASE
  - 15-01 GEOCHEM. LAB.
  - 16-01 BULLDOZER

*W. Roberts*

EMPLOYEE \_\_\_\_\_

APPROVED \_\_\_\_\_

ATLAS EXPLORATIONS LIMITED

TIME SHEET

FOR THE MONTH OF November 1971

NAME Wally Horstmann  
 TYPE OF WORK Draftsman  
 RATE OF PAY \_\_\_\_\_

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
2					
3					
5					
6					
8	✓		7	Timina Proj	
9	✓		1	Delta Claims	
	✓		1	Ground E.H. (Geophysical)	
11					
12	✓		1		
14					
15	✓		7	Timina Proj	
	✓		1	Lorna, Gran	
17	✓		1	Delta, Tran	
18	✓		1	San Bas Maps to Geology	
	✓		1		
20					
21					
	✓		7	Timina Proj	
23	✓		1	Geology, Timina	
24	✓		1	for Echo, Delta, Capa, Haba - Basin	
	✓		1		
26	✓		1		
27					
29	✓		7	Timina Proj	
30	✓		1	Geology	

PAYROLL DEPT. USE ONLY		
16 + 1	26.00	442.00
@		
@		
GROSS BEFORE BOARD		
BOARD		
GROSS EARNINGS		
DEDUCTIONS		
1) CANADA PENSION		
2)		
3) INCOME TAX		
4) GROUP		
5) M.S.A.		
6) ACCTS. REC.		
7)		
8) BOARD		
9)		
10) UIQ		
11) MID MONTH ADVANCE		
NET PAY		

TOTAL

PAYROLL DEPT. USE ONLY

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
61-836	1	27.63	
61-838	1	27.63	
61-839	1	27.63	
61-841	1	27.63	
61-846	1	27.63	
71-849	4	110.50	
81-845	1	27.63	
81-848	1	27.63	
81-849	1	27.63	
81-850	2	55.23	
61-809	2	55.23	
	<u>16</u>	<u>442.00</u>	

- LABOUR CODING
- 01 PROPERTY EXAMINATION
  - 02 PROSPECTING
  - 03 STAKING
  - 04 AIRBORN SURVEYS
  - 05 LINE CUTTING
  - 06 GEOLOGY
  - 07 GEOPHYSICS
  - 08 GEOCHEMISTRY
  - 09 DIAMOND DRILLING
  - 10 PHYSICAL WORK
  - 11 ACCESS ROADS
  - 21 CAMP OPERATIONS
  - 1-01 VANC. OFFICE - ADMIN.
  - 92-01 VANC. EXPLORATION OFFICE
  - 93-01 WHITE HORSE BASE
  - 4-01 ROSS RIVER BASE
  - 5-01 GEOCHEM. LAB.
  - 6-01 BULLDOZER

EMPLOYEE Wally Horstmann

APPROVED \_\_\_\_\_



CONTRACT CHARGES

SCHEDULE "C"

	TOTAL	GEOPHYSICAL	GEOCHEMISTRY
SEIGEL ASSOCIATES	28.00	28.00	
U.B.C. RE: P. MORTON	<u>450.00</u>	<u>          </u>	<u>450.00</u>
	<u>478.00</u>	<u>28.00</u>	<u>450.00</u>



**SEICEL ASSOCIATES LIMITED**  
GEOPHYSICAL CONSULTANTS & CONTRACTORS  
A DIVISION OF SCINTREX LIMITED

April 27, 1971

Invoice No. BC 10409

Dynasty Explorations Limited  
330 - 355 Burrard Street  
Vancouver, B. C.

Attention: Mr. J. S. Brock

TO MOSAIC:

Proposed Turair - Pelly River area

72 Photos @ \$2.50 each	\$180.00
Plus 10%	<u>18.00</u>
Total Amount Due	\$198.00

PAYED

APPROVED BY: <i>W. Roberts</i>
A/C
No.

(136, 138, 139, 141, 145, 146, 147) - 07-2

Terms: Due when rendered. Any amounts outstanding after 30 days will bear interest at the rate of 1% per month.

E. & O. E.

750 - 890 WEST PENDER STREET

VANCOUVER 1, BRITISH COLUMBIA

TELEPHONE 692-7701 AREA CODE (604)

28  
198  
3  
168  
50

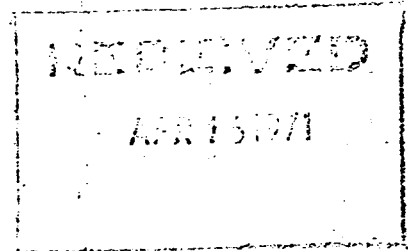
THE UNIVERSITY OF BRITISH COLUMBIA

VANCOUVER 8, CANADA

DEPARTMENT OF GEOLOGY

April 13, 1971

Mr. J.S. Brock  
Dynasty Explorations  
355 Burrard Street  
Vancouver 1, British Columbia



Dear John:

As I understand it, the aim of Penny's research will be to investigate the use of geochemical techniques in locating the graphitic-phyllite beneath overburden in the Anvil district. Besides reporting variations in trace element content of the bedrock units, any significant differences could be looked for in the overburden with a view to delineating the phyllite by soil sampling.

Considering the amount of work required for an M.Sc. thesis, \$1800.00 would cover the cost of materials, laboratory help, computing time, etc., providing that, in addition, Dynasty can (1) support Penny and her assistant for about 1½ months' field work (including transport in the bush if necessary), and (2) cover the costs of crushing and grinding selected core samples (approximately 200 before July) to -100 mesh at a commercial laboratory. If these arrangements are okay, a cheque for \$1800.00 can be made out to the Department of Geology, with a covering letter explaining that the money is to support Penny Morton's geochemical research in the Yukon, and that the project will be under my supervision.

Yours sincerely,

K. Fletcher

KF/avc :

*Beachhead*

82 - 845 -	450.00
82 - 848 -	450.00
82 - 849 -	450.00
82 - 850 -	450.00
	<hr/>
	1800.00

1800.00

HOHO-BRAM ASSAY SUMMARY

SCHEDULE D

	ASSAYS
BARRINGER RESEARCH	931.20
VANGEOCHEM.	<u>60.00</u>
	<u>991.20</u>

VANGECHEM LAB LTD.

604-988-2172

1521 PEMBERTON AVE., NORTH VANCOUVER, B.C.  
CANADA

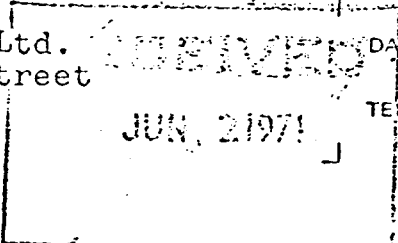
ACCOUNT WITH:

INVOICE: 1069

Dynasty Exploration Ltd.  
#300 - 355 Burrard Street  
Vancouver, B. C.

DATE: June 1, 1971

TERMS: NET 30 DAYS



FOR REPORT -----

PROJECT: -----

ORDER NO. -----

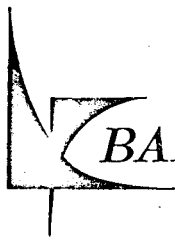
161 Drill core samples for preparation  
as instructed by Dr. K. Fletcher @ \$1.50 \$241.50

- (1) Crush entire sample.
- (2) Pulverized sample once to a minimum of 80 mesh by using ceramic plates.
- (3) Wash plates with silicate sand after each sample.
- (4) Samples preparation from the lesser number to the greater number.

The entire samples are delivered to U.B.C. on June 1, 1971

APPROVED BY:  
*[Signature]*  
A/C  
No.

824-845	60.00
824-848	60.00
824-849	60.00
824-850	61.50
<hr/>	
	241.50



# BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE  
REXDALE, ONTARIO, CANADA  
PHONE: 416-677-2491  
CABLE: BARESEARCH

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: July 7, 1971

PROJECT: 119.33

Dynasty Explorations Limited  
355 Burrard Street  
Vancouver, B. C.

PERIOD COVERED:

PROGRESS BILLING:

SHIPPING REPORT:

WORK REPORT:

FED. SALES TAX:

ONT. SALES TAX:

25-A

N/A

N/A

TERMS: NET

AUTHORITY: J. Brock

TO: Geochemical Analysis

205 samples analysed for HClO <sub>4</sub> copper	@ 1.00 each	205.00
205 samples analysed for HClO <sub>4</sub> lead	@ 0.50 each	102.50
205 samples analysed for HClO <sub>4</sub> zinc	@ 0.50 each	102.50
204 Soil sample preparation	@ 0.20 each	40.80
1 rock sample preparation	@ 0.50 each	.50

451.30

84 - 845

INVOICE N<sup>o</sup> 9056

# BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE  
 REXDALE, ONTARIO, CANADA  
 PHONE: 416-677-2491  
 CABLE: BARESEARCH

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

DATE: July 2, 1971

PROJECT: 119.33

PERIOD COVERED:

PROGRESS BILLING:

SHIPPING REPORT:

WORK REPORT: 20-A

FED. SALES TAX: N/A

ONT. SALES TAX: N/A

- Dynasty Explorations Limited  
 355 Burrard Street  
 • Vancouver, B. C.

TERMS: NET

AUTHORITY: J. Brock

TO: Geochemical Analysis

201 samples analysed for HClO <sub>4</sub> copper	@ 1.00 each	201.00
201 samples analysed for HClO <sub>4</sub> lead	@ 0.50 each	100.50
201 samples analysed for HClO <sub>4</sub> zinc	@ 0.50 each	100.50
17 samples analysed for HCl copper	@ 1.00 each	17.00
17 samples analysed for HCl lead	@ 0.50 each	8.50
17 samples analysed for HCl zinc	@ 0.50 each	8.50
217 soil sample preparation	@ 0.20 each	43.40
1 rock sample preparation	@ 0.50 each	.50
		<hr/>

479.90

*BRAM*

Hoho - BRAM CLAIM FIELD EXPENSES.

SCHEDULE "B"

SUPPLIER	TOTAL	CAMP COSTS		MISC. TOTAL	TOTAL
		GROSS	SUPPLIES		
ATLAS EXPLORATIONS	58235			58235	
J.S. BRACK	6156		4156	2000	
B.S. INDUSTRIES	700		700		
C.P.A.	3285			3285	
CHONS G. GEOPHYSICS	21000		21000		
DUECK	4270			4270	
HENDLEY ENTERPRISES	10400			10400	
HOLIDAY TRAVEL	41500			41500	
HOUGENS	52630	51580	1050		
IMPERIAL OIL	5429			5429	
IMAST	12500		10000	2500	
NORTHWEST BANCORP LTD	2800			2800	
RILEYS	793		793		
T.N.T.A.	103662				103662
YUKON BUS LINES	2335			2335	
	<u>325695</u>	<u>51580</u>	<u>37699</u>	<u>132754</u>	<u>103662</u>
			<u>222033</u>		

# ATLAS EXPLORATIONS LIMITED (N.P.L.)

330 - 355 BARRARD STREET  
VANCOUVER 1, B.C.

INVOICE

NO. 788

DATE Nov. 30/71  
YOUR  
ORDER NO.

SOLD TO • Dynasty Explorations Ltd

SHIPPED TO

OUR ORDER NO.	SALESMAN	TERMS	F.O.B.	DATE SHIPPED	SHIPPED VIA		
QUANTITY ORDERED	QUANTITY SHIPPED	STOCK NUMBER/DESCRIPTION			UNIT PRICE	UNIT	AMOUNT
		To invoice you for 4months rental of Bombardier @ \$450.00 per month					<u>\$1800.00</u>

TO PRO RATE TOTAL RENTAL OVER PROPERTIES  
USED ON PER. J. BRITTONS TIME SHEETS

845-	22	582.35
848-	12	317.65
849-	8	211.77
850-	<u>26</u>	<u>688.23</u>
	68	1800.00

NAME: J. Britton  
 TYPE OF WORK: \_\_\_\_\_  
 RATE OF PAY: 550 / month

FOR THE MONTH OF August 1971

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
1	✓			849-071	
2	✓			850-071	
3	✓			-071	
4	✓			-051	
5	✓			-051	
6	✓			-071	
7	✓			-071	
8	✓			849-051	
9	✓			850-071	
10	✓			-071	
11	✓			849-071	
12	✓			850-071	
13	✓			-051	
14	✓			849-051	
15	✓			850-071	
16	✓			849-071	
17	✓			850-071	
18	✓			-071	
19	✓			-051	
20	✓			-051	
21	✓			-071	
22	✓			-071	
23	✓			-071	
24	✓			-071	
25	✓			-071	
26	✓			-071	
27	✓			081	
28	✓			081	
29	✓			081	
30	✓			081	
31	✓			671	

PAYROLL DEPT. USE ONLY		
1 min	@ 550.00	550.00
H.P.		
2,053.26	@ 4%	82.13
	@	
GROSS BEFORE BOARD		632.13
29 @ 2.50	BOARD	72.50
GROSS EARNINGS		704.63
DEDUCTIONS		
1) CANADA PENSION	11.75	
2)		
3) INCOME TAX	125.56	117.31
4) GROUP		8.21
5) M.S.A.		125.56
6) ACCTS. REC.		
7)		
8) BOARD	72.50	
9)		
10) U.I.C.	7.14	
11) MID MONTH ADVANCE		216.98
NET PAY		457.65

**PAID**

TO VANCOUVER

LABOUR CODING	
01	PROPERTY EXAMINATION
02	PROSPECTING
03	STAKING
04	AIRBORN SURVEYS
05	LINE CUTTING
06	GEOLOGY
07	GEOPHYSICS
08	GEOCHEMISTRY
09	DIAMOND DRILLING
10	PHYSICAL WORK
11	ACCESS ROADS
21	CAMP OPERATIONS
91-01	VANC. OFFICE - ADMIN.
92-01	VANC. EXPLORATION OFFICE
93-01	WHITE HORSE BASE
94-01	ROSS RIVER BASE
95-01	GEOCHEM. LAB.
96-01	BULLDOZER

PAYROLL DEPT. USE ONLY 1774

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
51-849	2	35.48	
71-849	3	53.22	
51-850	5	88.70	
71-850	18	319.38	
81-850	3	53.22	
	<u>31</u>		

IF/L YEE \_\_\_\_\_

APPROVED P. Deane



ATTEN: J. P. Dean  
 No. E: FIELD  
 TYPE OF WORK: TEST  
 RATE OF PAY: 550/month

DATE	WORK	OFF	FLD. BNS.	CODING	EXPLANATIONS
1	✓			847-071	
2	✓			"	
3	✓			"	
4	✓			845-071	
5	✓			211	
6	✓			071	
7	✓			071	
8	✓			031	
9	✓			071	
10	✓			031	
11	✓			071	
12	✓			071	
13	✓			071	
14	✓			071	
15	✓			031	
16	✓			051	
17	✓			071	
18	✓			051	
19	✓			071	
20	✓			071	
21	✓			081	
22	✓			809-211	
23	✓			051	
24	✓			081	
25	✓			081	
26	✓			051	
27	✓			081	
28	✓			081	
29	✓			081	
30	✓			051	

PAYROLL DEPT. USE ONLY		
1 month	550.	550
GROSS BEFORE BOARD		550.
30 @ 2.50	BOARD	75.
GROSS EARNINGS		625.
DEDUCTIONS		
1) CANADA PENSION	10.35	
2)		
3) INCOME TAX	119.95	
4) GROUP		
5) M.S.A.		
6) ACCTS. REC.		
7)		
8) BOARD	75.	
9)		
10)		
11) MID MONTH ADVANCE		205.30
NET PAY		419.70

PAID

To L 30

PAYROLL DEPT. USE ONLY

PROJECT	DAYS	GROSS BEFORE BOARD	FIELD BONUS
809-051	3	54.99	
809-051	5	91.75	
809-211	1	18.33	
845-031	3	54.99	
845-051	2	36.66	
845-071	11	201.63	
845-081	1	18.33	
845-211	1	18.33	
847-071	3	54.99	
	30		

- LABOUR CODING**
- 01 PROPERTY EXAMINATION
  - 02 PROSPECTING
  - 03 STAKING
  - 04 AIRBORN SURVEYS
  - 05 LINE CUTTING
  - 06 GEOLOGY
  - 07 GEOPHYSICS
  - 08 GEOCHEMISTRY
  - 09 DIAMOND DRILLING
  - 10 PHYSICAL WORK
  - 11 ACCESS ROADS
  - 21 CAMP OPERATIONS
  - 31-01 VANC. OFFICE - ADMIN.
  - 32-01 VANC. EXPLORATION OFFICE
  - 93-01 WHITE HORSE BASE
  - 94-01 ROSS RIVER BASE
  - 95-01 GEOCHEM. LAB.
  - 35-01 BULLDOZER

18.33

APPROVED P. Dean

EMPLOYEE

Summary of Imprest Account Expences, Withdrawals, for June 1970

John S. Brock

Toronto Dominion Bank

Acct. No. 21037

\$ 20.00	-	June 3	Payroll Advance, Lash Ladue
20.00	-	June 4 <sup>26-843</sup>	4x4 Truck rental, Hendley Enterprises, Bram Group
41.56	-	June 6 <sup>24-843</sup>	gasoline, power saw repair, Ross River Motors, Bram Claims
100.00	-	June 15	Expence Account, John Brock
<del>15.25</del> 68.00	-	June 17 <sup>8-603</sup>	Fire exting, Faro Base, Explosives Ltd.,
60.00	-	June 22 <sup>15-11-843</sup>	Payroll advance, Jack Ladue
50.00	-	June 25	Expence account, cheque cashed by Roberts for Brock acct.
130.00	-	June 28 <sup>32-843</sup>	Receiver General, recording Fees HO Claims
20.00	-	June 29 <sup>5-603</sup>	Eric Phillips, generator repair, Faro Base

457.31

Cancelled cheques and statements to follow when received from bank

61.10

8-603  
*Ames*

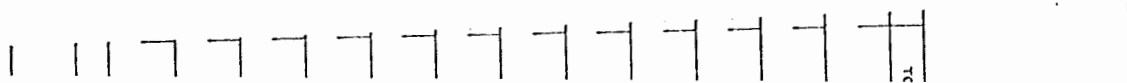
1.26

519.67

80.00

*prev. recorded*

439.67







Cur'y Code	For Carrier Use Only	
	Flight/Day	Flight/Day
	30/17	7/115

018-6435295



Department, Vancouver Airport, B.C.  
A-9421

173191

Dynstay Explorations  
Box 218  
Faro, Y.T.

Not Negotiable  
**Air Waybill**  
(Air Consignment Note)  
Issued by  
Canadian Pacific Air Lines, Limited, Vancouver, B.C., Canada  
Member of International Air Transport Association

If the carriage involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and the Convention governs and in most cases limits the liability of carriers in respect of loss of or damage to cargo. Agreed stopping places are those places (other than the places of departure and destination) shown under requested routing and/or those places shown in carriers' timetables as scheduled stopping places for the route. Address of first carrier is the airport of departure.  
SEE CONDITIONS ON REVERSE HEREOF.

The shipper certifies that the particulars on the face hereof are correct and agrees to the CONDITIONS ON REVERSE HEREOF.

SIGNATURE OF SHIPPER  
  
BY BROKER/AGENT

Carrier certifies goods described below were received for carriage subject to the CONDITIONS ON REVERSE HEREOF, the goods then being in apparent good order and condition except as noted hereon.

EXECUTED ON 17/6/71 AT MISSISSAUGA, Y.T.  
(Date) (Place)  
**J. P. [Signature]**

SIGNATURE OF ISSUING CARRIER OR ITS AGENT  
Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.

P A Ref.	Document Reference	Inv. Date	Amount
XYA709	018 6435295 Faro-Mississauga	June 29/71	22.00

This is Both An Invoice And A Statement, Please  
pay This Document Due In 7 Days.  
221 - 845

4/ Issuing Carrier's Agent, Account No. CP Air 218 FARO  
Issuing Carrier's Agent, Name And City FARO  
Agent's IATA Code CP Air MISSISSAUGA, Y.T.  
INSURANCE - If shipper requests insurance in accordance with conditions on reverse hereof, indicate amount of insurance in figures in box marked 'amount of insurance' below.

5/	Charges Prepaid Collect		Currency	Declared Value For Carriage	Amount Of Insurance	COD Amount	Special Accounting Information	
	No. Of Packages	Actual Gross Weight						
6/	No. Of Packages RCP	Actual Gross Weight	Kg Lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate	Nature And Quantity Of Goods (Incl. Dimensions Or Volume)
		1	50	15			50 lbs	4.1

Special Handling Information (Including Marks, Numbers And Method Of Packing)

P R F I	Weight Charge	Valuation Charge	Total Of Airline Charges Below	AWB Fee	Code	Total Of Non-Airline Charges Below		Collect Charges In Destination Currency
	22.00	N	C	F		O	D	
Y	Airline And Non-Airline Charges, Other Than Weight Charge, Valuation Charge And AWB Fee							Weight Charge
	Insurance Charge:	Cartage Charge:						
D P	Total Prepaid	Airline And Non-Airline Charges, Continued						Valuation Charge
	Z							
U L L Y	Weight Charge	Valuation Charge	Total Of Airline Charges Below	Agent's Disbursements	Total Of Non-Airline Charges Below		Other Charges Incl. COD Fee	
		N	C	A	O	D		
L	Airline And Non-Airline Charges, Other Than Weight Charge, Valuation Charge And Agent's Disbursements							COD
	Insurance Charge:	Cartage Charge:						
L	COD Amount	COD Fee	Airline And Non-Airline Charges, Continued				Total Collect	
		M	Z	XYA709 (22.00)				

"In The Event That This Air Waybill Is Used As A Complete Shipping Document From The Vendor To The Purchaser, Carriage Of Goods In Canada Other Than By Air Is Subject To The Terms And Conditions Laid In The Tariffs Of The Individual Canadian Surface Carrier And Is Not Governed By The Terms And Conditions Of The Air Carrier's Tariffs."



... filed in accordance with law. Said classifications and tariffs, which are available part of this contract. Canadian Pacific Air Lines, Limited.

Airbill

018-13983664 X

Department, Vancouver Airport, B.C. 109-9421

173259

Mr. J.S. Brock, Dynasty Explorations Ltd

Dynasty Explorations Ltd. 330 - 355 Burrard St. Vancouver, B.C.

P.O. Box 218,

FARO

Zone Province Y.T.

For Carriage Is Agreed And Understood To Be Not More Than The Value Stated In The Governing Tariffs For Each Pound On Which Charges Are Assessed, Unless A Higher Value Is Declared And Applicable Charges Paid Thereon.

Air Ref.	Document Reference	Inv. Date	Amount
7RA1110	018 13983664 Vancouver-Faro	June 29/71	14.05

Insurance Requested  No  Yes \$

Prepaid  Collect

Rate Class	Item No.	Rate	Weight Charge
		\$	9.05
Destination Airport			Valuation Charge
Flight			Insurance Premium And Charge
Date			Pick-Up Charges
Delivery Charge			

This Is Both An Invoice And A Statement, Please Pay On This Document Due In 7 Days.

Instructions To Carrier Forward to Faro, Y.T. by Yukon Bus Lines

Cash  Charge

Mo Day Yr. Rec. Agt. Cy. Revenue Interline C.O.D.

Stn. Date

Signature Date Time

At:  Shippers Door  City Terminal  Airport

CP Office 23-6-71

Agent Date Time

Ppd Beyond Or Charges Advanced

Other (Specify)

Shipper's C.O.D.

Total Charges

221-845

3.20

10.85

018-13983664 X

2 If Prepaid— Attach To Cargo Sales Report If Collect— Accompanies Shipment— Attach To C.S.R. If Charge Account

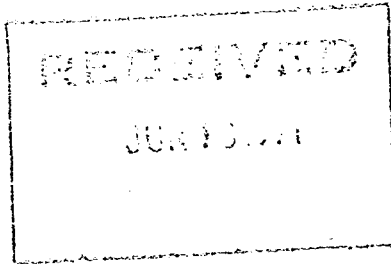
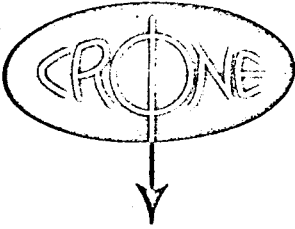
Weight Charge	Valuation Charge	Total Of Airline Charges Below	AWB Fee	Code	Total Of Non-Airline Charges Below	Collect Charges In Destination Currency
22.00					Origin Destination	Weight Charge

Special Handling Information (Including Marks, Numbers And Method Of Packing) 7/

Weight Charge	Valuation Charge	Total Of Airline Charges Below	Agent's Disbursements	Total Of Non-Airline Charges Below	Other Charges Incl. COD Fee
				Origin Destination	COD
COD Amount	COD Fee	Airline And Non-Airline Charges, Continued			Total Collect
		X 4A 709			27.00

In The Event That This Air Waybill Is Used As A Complete Shipping Document From The Vendor To The Purchaser, Carriage Of Goods In Canada Other Than By Air Is Subject To The Terms And Conditions Contained In The Tariffs Of The Individual Canadian Surface Carrier And Is Not Governed By The Terms And Conditions Of The Air Carrier's Tariffs.

# CRONE GEOPHYSICS LIMITED



3607 WOLFEDALE ROAD  
MISSISSAUGA, ONTARIO  
CANADA

PHONE (416) 270-0096

June 17, 1971.

Dynasty Explorations Ltd.,  
330 Marine Bldg.,  
355 Burrard Street,  
Vancouver, B. C.

I N V O I C E # 1886

To charge for rental of CEM #72-73 for  
period June 22, 1971 to July 22, 1971

\$ 210.00

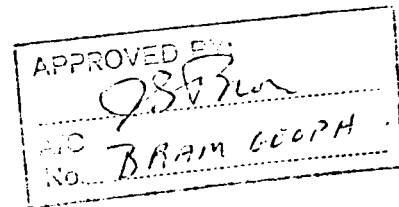
Equipment shipped to Faro, Y. T.

214 - 845

PAID

Terms: Net 30 days

Interest charged at the rate of 1% per month or part thereof  
on overdue accounts.





PHONES OPEN DAY & NIGHT  
 DIRECT PARTS LINE 736-0444-5-6-7-8  
 SWITCHBOARD LINE 731-7716 or 7717

37 D  
 NUMBER ON ALL AND PACKAGES.

G.M. Wholesale Parts Distributors

YOUR BEST SUPPLY SOURCE FOR ALL G.M. CAR AND TRUCK PARTS

SOLD TO *Dunwoody Explorations* MAY 22 1971  
*0355 Burrard* MAY 22 1971

QUAN.	PART NO.	DESCRIPTION	LIST	TRADE	NET AMOUNT	AMOUNT
	6049-CAG	<i>Left Head</i>	6365		5540	
		<i>Right Head</i>				
		<i>Pinally</i>			3000	
COPIES REQ'D <u>3</u>						
DATE		YOUR ORDER NO.		CLERK	ROUTE	TOTAL
1971		11370		<i>J. C.</i>		
RETURNING GOODS PLEASE GIVE INVOICE NUMBER AND DATE		THIS IS YOUR ONLY INVOICE - PLEASE DO NOT DESTROY				

MATERIAL TO BE SENT FOR	PROJECT	END USE (EXPENSE CODE)

SHIP TO: \_\_\_\_\_ ATTENTION: \_\_\_\_\_  
 DE INATION: \_\_\_\_\_ F.O.B. \_\_\_\_\_  
 VIA: \_\_\_\_\_ CARRIER: \_\_\_\_\_  
 PREPAY AND CHARGE ON INVOICE  
 ATTACH ORIGINAL BILL FOR FREIGHT CHARGES  
 FREIGHT COLLECT CARRIER TO CHARGE COMPANY

RECORD OF PAYMENT			CHECK	
DATE	INVOICE	AMOUNT	NO.	DATE



M. *Atlas* Date *June 24* 19 *71*

SOLD BY	C.O.D.	CHARGE	ON ACCT	ACCT FWD
1		<i>fuel</i>		
2		<i>Harbor</i>		
3		<i>1/2 hrs</i>		
4		<i>labour</i>		
5				
6				
7				
8		<i>(battery) 5 hrs</i>		
9				
10				
11				
12				
13				
14				
15				<i>24/00</i>

45

REGIFORM 885222

M. *Atlas* Date *July 5* 19 *71*

SOLD BY	C.O.D.	CHARGE	ON ACCT	ACCT FWD
1		<i>1 1/2 hrs</i>		
2		<i>working</i>		
3		<i>combustion</i>		
4		<i>tractor truck @</i>		
5		<i>20/hr</i>		
6				<i>30.00</i>
7				
8				<i>BOM</i>
9				<i>TR</i>
10				
11				
12				
13				
14				
15				

22

REGIFORM 885222

M. *Atlas* Date *July 12* 19 *71*

SOLD BY	C.O.D.	CHARGE	ON ACCT	ACCT FWD
1		<i>2 1/2 hrs</i>		
2		<i>working</i>		
3		<i>combustion</i>		
4		<i>@ 20/hr</i>		
5				<i>50.00</i>
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

43

REGIFORM 885222



PHONE  
681-9152

*Holiday Travel*

PHONE  
681-9152

CONSULTANTS LTD.

#103 - 1200 WEST PENDER STREET  
VANCOUVER 1, B.C.

JUNE 11 1971

ATLAS EXCURSIONS LTD.

#330 - 355 BURNARD ST.

VANCOUVER B.C.

AIR FARE: VANCOUVER TO WHITEHORSE RETURN

Dr. A.E. Mac

Mr. R.E.G. Davis

166.00

166.00

222-845 166-

222-847 166-

CPA TICKET #118730 798645/6

*OK PAID*

CREDIT	CASH	CHARGE	CHEQUE	ON ACCT.	PAID OUT	TOTAL
		<input checked="" type="checkbox"/>				332.00

INTEREST AT 1% PER MONTH CHARGED ON PAST DUE ACCOUNTS

A 3398

RECEIVED BY


*Holiday Travel Consultants Ltd.*

1200 West Pender Street (Suite 103)

VANCOUVER

VOUCHER PAYABLE  
(Prepare in Duplicate)

Date Prepared <i>June 30/70</i>	Payable To: <u><i>Hougen</i></u>	Voucher No.  <i>411</i>
Prepared by <i>Cr</i>	Address: _____	
Date of Cheque	Cheque No.	

*F.A.R.O.*

A C C O U N T	Account No.		Amount
	Sub.	G.L.	
	11	11	
<i>60-660      17.15</i>	<i>212</i>	<i>871</i>	<i>69 65</i>
<i>1      13.85</i>	11	11	
<i>59      19.49</i>	11	11	
<i>58      19.16</i>	11	11	
<i>69.65</i>	11	11	
<i>the store receipt also not</i>	11	11	
<i>copy.</i>	11	11	
<i>C. Melnik</i>	11	11	
<i>accounting supervisor.</i>	11	11	
	11	11	
	11	11	
	11	11	
	11	11	

TOTAL - Credit Voucher Payable Control	<i>69 65</i>
--	--------------

Alphabetical  
File Letter



HOUGENS.

INVOICE NO.	TOTAL	122-122 D. PASTRO.	123-150-122 J. BILLIE	125-150-122 L. LAJUE	2-603 FARO	107-122 W. ROBERTS	124-150-122 J. LAJUE	006-122 J. BROOK	212-845 GRAM.	127-150-122 T. YOACHING	214-84 BRAM.
60-570	(20)				(20)						
60-662	560	560									
681	353		174	179							
684	927				927						
688	205					205					
689	754		.47				.47	660			
690	3279								3279		
695	799								799		
706	3540									3540	
721	169			169							
722	225						225				
723	898							898			
748	.89				.89						
765	680						680				
787	1050										10
61060	462				462						
071	1873								1873		
072	1950								1950		
073	2995								2995		
074	1563								1563		
075	1817								1817		
076	2116								2116		
077	3013								3013		
078	2745								2745		
079	2545								2545		
083	410	211			(12)					211	
091	1233								1233		



290 748 653 9

02800

ATLAS  
EXPLORATIONS LTD

X REC'D BY *W. Roberts*

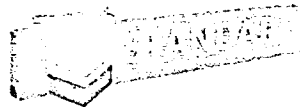
06 72

White Pass Petroleum Services  
THE BRITISH YUKON NAVIGATION COMPANY LIMITED

REC'D BY TRANSIT MO. DATE DAY YEAR  
FARO 06 25 71  
YUKON TERRITORY

PRODUCTS & SERVICES	QUANTITY	PRICE	AMOUNT
SUPREME <input type="checkbox"/> CHEVRON <input type="checkbox"/>			
RPM SUPREME <input type="checkbox"/> SPECIAL <input type="checkbox"/> STD PENN <input type="checkbox"/>			
LUBRICATION			
adj carb idle screws to set timing			16.00
SALES TAX			28.40
TOTAL			44.40

A 368548



VEHICLE LICENSE NUMBER

ORIGINAL THIS COPY TO CUSTOMER AT TIME OF DELIVERY

THIS INVOICE INCLUDES FEDERAL AND TERRITORIAL OR PROVINCIAL TAXES AS APPLICABLE TO THE ABOVE PRODUCTS AT THE TIME OF SALE. 5-28-WP (2-70)

Charge to Bram Gr.

290 748 653 9

01119

ATLAS  
EXPLORATIONS LTD

X REC'D BY *W. Roberts*

06 72

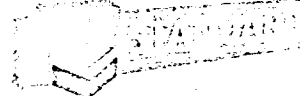
White Pass Petroleum Services  
THE BRITISH YUKON NAVIGATION COMPANY LIMITED

REC'D BY TRANSIT MO. DATE DAY YEAR  
FARO 06 30 71  
YUKON TERRITORY

PRODUCTS & SERVICES	QUANTITY	PRICE	AMOUNT
SUPREME <input type="checkbox"/> CHEVRON <input checked="" type="checkbox"/>	12.4		9.19
RPM SUPREME <input type="checkbox"/> SPECIAL <input type="checkbox"/> STD PENN <input type="checkbox"/>			
LUBRICATION			
3 Pts outboard oil			2.25
SALES TAX			
TOTAL			11.44

A 368702

White Pass Petroleum Services  
THE BRITISH YUKON NAVIGATION COMPANY LIMITED



VEHICLE LICENSE NUMBER

ORIGINAL THIS COPY TO CUSTOMER AT TIME OF DELIVERY

THIS INVOICE INCLUDES FEDERAL AND TERRITORIAL OR PROVINCIAL TAXES AS APPLICABLE TO THE ABOVE PRODUCTS AT THE TIME OF SALE. 5-28-WP (2-70)

Charge to (C) Bram Group

290 748 653 9

00585

ATLAS  
EXPLORATIONS LTD

X REC'D BY *W. Roberts*

06 72

White Pass Petroleum Services  
THE BRITISH YUKON NAVIGATION COMPANY LIMITED

REC'D BY TRANSIT MO. DATE DAY YEAR  
FARO 06 25 71  
YUKON TERRITORY

PRODUCTS & SERVICES	QUANTITY	PRICE	AMOUNT
SUPREME <input type="checkbox"/> CHEVRON <input type="checkbox"/>	7.9		5.85
RPM SUPREME <input type="checkbox"/> SPECIAL <input type="checkbox"/> STD PENN <input type="checkbox"/>			
LUBRICATION			
SALES TAX			
TOTAL			5.85

A 368547

White Pass Petroleum Services  
THE BRITISH YUKON NAVIGATION COMPANY LIMITED



VEHICLE LICENSE NUMBER

ORIGINAL THIS COPY TO CUSTOMER AT TIME OF DELIVERY

THIS INVOICE INCLUDES FEDERAL AND TERRITORIAL OR PROVINCIAL TAXES AS APPLICABLE TO THE ABOVE PRODUCTS AT THE TIME OF SALE. 5-28-WP (2-70)

Charge to Bram Gr.

226 845

TOTAL 54.29

ATLAS  
EXPLORATIONS LTD

X REC'D BY *W. Roberts*

06 72

White Pass Petroleum Services  
THE BRITISH YUKON NAVIGATION COMPANY LIMITED

REC'D BY TRANSIT MO. DATE DAY YEAR  
FARO 06 29 71  
YUKON TERRITORY

PRODUCTS & SERVICES	QUANTITY	PRICE	AMOUNT
SUPREME <input type="checkbox"/> CHEVRON <input type="checkbox"/>	10.1		6.25
RPM SUPREME <input type="checkbox"/> SPECIAL <input type="checkbox"/> STD PENN <input type="checkbox"/>			
LUBRICATION			
SALES TAX			2.25
TOTAL			8.50

A 368515

VEHICLE LICENSE NUMBER T2670

ORIGINAL THIS COPY TO CUSTOMER AT TIME OF DELIVERY

THIS INVOICE INCLUDES FEDERAL AND TERRITORIAL OR PROVINCIAL TAXES AS APPLICABLE TO THE ABOVE PRODUCTS AT THE TIME OF SALE. 5-28-WP (2-70)

226-645

Callings - Bram - Downstairs

00900

**VOUCHER PAYABLE**  
(Prepare in Duplicate)

Date Prepared	Payable To: <u>9 mast.</u>	Voucher No.  <b>237</b>
<u>April 30/11</u>	Address:	
Prepared by		
<u>cr</u>		
Date of Cheque	Cheque No.	

A C C O U N T	Account No.		Amount	
	Sub.	G.L.		
	1312	81415	392	50
	2114	81415	100	00
	2126	81415	25	00
	116	61013	25	00
	1316	61012	2	00
	11	11		
	11	11013	544	50
	11	11		
	21216	81310	20	00
	11	11		
	11	11013	20	00
	11	11		
	11	11		
	11	11		
	11	11		
	11	11		
	11	11		
	11	11		

TOTAL - Credit Voucher Payable Control	<u>0</u>
--	----------

APPROVED BY: cr

A/C No. \_\_\_\_\_

Form 2

Alphabetical  
File Letter

M



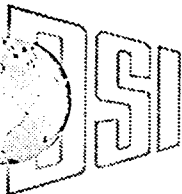


M & S

SWITCHBOARD  
683-2181

AREA CODE 604

*Riley's*



# DATA SHARE INTERNATIONAL Ltd.

620 BARRARD STREET VANCOUVER 1, B.C.

TELEX 04-507798

OFFICES:  
CALGARY • EDMONTON • VANCOUVER • REGINA • WINNIPEG

REQUESTED	DUE OUT	CUSTOMER P.O. NO.	REQ. NO.
-----------	---------	-------------------	----------

DATE  
11 27 71

CHARGE

T.O.D.  SYDNEY EXPLORATIONS LTD  
 300 850 BARRARD ST  
 VANCOUVER B C

CUSTOMER NUMBER  
 PLEASE QUOTE CUSTOMER NUMBER ON PAYMENT

TERMS: NET 30 DAYS  
 INTEREST AT 1% PER MONTH WILL BE CHARGED  
 AFTER 30 DAYS ON THE BALANCE DUE.

SHIP TO: 122200 1109 SHIPPING INSTRUCTIONS

DELIVER *RUSH*

- MAIL
- RAIL EXPRESS
- AIR MAIL
- AIR FREIGHT
- BUS
- COLLECT
- PREPAID

DATE SHIPPED \_\_\_\_\_  
 WAYBILL NO. \_\_\_\_\_  
 CARRIER \_\_\_\_\_

ORDERED	SHIPPED	B.O.	UNITS	CATALOGUE NO.	SIZE	DESCRIPTION	UNIT PRICE	EXTENSION	code
1	1		EACH	750.02	" 00 "	<i>Map Point</i>		295	91
1	1		✓	750.02	" 00 "	✓		395	91
1	1		PKG.	795 00-9		✓ INK CARTRIDGES	65	65	91
								755	

# ORIGINAL

214-845

BILLED BY \_\_\_\_\_ BILLED BY *K5* DELIVERED BY \_\_\_\_\_

INVOICE NUMBER: **VM 005661**  
 CUSTOMER'S SIGNATURE: \_\_\_\_\_  
 M & S

RETURNED GOODS:  
 NO GOODS MAY BE RETURNED WITHOUT PRIOR APPROVAL AND WHEN RETURNED MUST  
 BE ACCOMPANIED BY THIS INVOICE, SUBJECT TO A 10% RESTOCKING CHARGE.  
**ALL CLAIMS MUST BE MADE  
 WITHIN 24 HOURS**

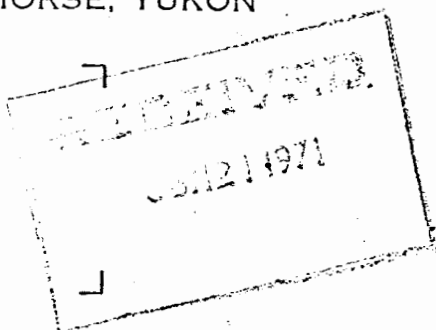
SUB TOTAL	755
F.S.T.	<i>INCL</i>
SUB TOTAL	755
PROV. TAX	38
PLEASE PAY THIS TOTAL	793

# TRANS NORTH TURBO AIR LTD.



BOX 1977      PHONE 668-2177  
WHITEHORSE, YUKON

TO:  Dynasty Explorations Ltd.  
330 Marine Building  
355 Burrard Street  
VANCOUVER 1, B.C.



DATE June 14, 1971

INVOICE NO. 238-71

P.O. NO.

TO: Charge you with the following helicopter charters:

Bell 47G-3B-1 Helicopter CF-UFC  
Crew: Vandebos and Phillips

FLYING: June 3, 4 and 7, 1971  
Daily Flight Report Nos. 7881, 7883, 7887

3.8 hours at \$155.00 per hour      \$ 589.00 <sup>(1)</sup>  
(rate when carrier supplies fuel)

18.4 hours at \$144.00 per hour      2,649.60 <sup>(2)</sup>  
(rate when charterer supplies fuel)

Bell 47G-3B-2 Helicopter CF-QJW  
Crew: Kipke and McKnight

FLYING: June 7 and 8, 1971  
Daily Flight Report Nos. 8522, 8523

4.9 hours at \$144.00 per hour      705.60 <sup>(3)</sup>  
(rate when charterer supplies fuel)

INVOICE TOTAL

\$3,944.20

**PAY**

TERMS: One per cent interest per month will be charged on all invoices not paid within 30 days of date issued.

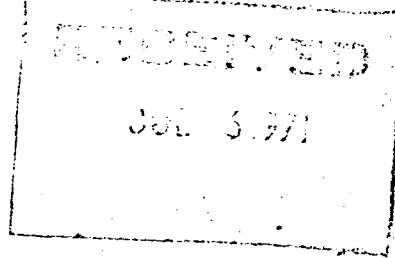
	(1)	(2)	(3)	
223-836	310.00	2145.60	705.60	707.20
223-845		358.80		3,161.20
223-847	279.00	115.20		358.80
	<u>589.00</u>	<u>2,649.60</u>	<u>705.60</u>	<u>3,944.20</u>

**TRANS NORTH TURBO AIR LTD.**



BOX 1977      PHONE 668-2177  
WHITEHORSE, YUKON

TO:  Dynasty Explorations Ltd.  
330 - 355 Burrard Street  
VANCOUVER, B.C.



DATE June 29, 1971

INVOICE NO. 293-71

P.O. NO.

TO: Charge you with the charter of Bell 47G-3B-1  
Helicopter CF-UFC  
Crew: Vandenbos and Phillips

FLYING: June 12, 13 and 22, 1971 ✓ ✓ ✓  
Daily Flight Report Nos. 7895, 7899, 7910

4.1 hours at \$155.00 per hour  
(rate when carrier supplies fuel)

\$635.50 ✓

PLUS: Excess cost of fuel at Anvil Strip  
Charterer assessed with cost  
of fuel over 60¢ per gallon

22 gallons at 56¢ per gallon

12.32

INVOICE TOTAL

\$647.82 ✓

TERMS: One per cent interest per month will be  
charged on all invoices not paid within  
30 days of date issued.

223-845 ✓

PAID

DESCRIPTION	CHARGES	CREDITS	BALANCE
AMOUNTS FORWARDED			37.45
WB PP 1768	2.35	221-545	39.78
July 3 WB BB 4514	1.65	8-603	41.43
✓ 5 WB PP 1772	2.35	221-545	43.78
✓ 9 WB CC 4632	1.20	3-603	44.98
✓ 10 WB CC 4650	8.20	221-545	53.18
✓ 14 WB PP 1775	2.35	221-545	55.53
✓ 15 Ticket 6485	12.00	3-603	67.53
✓ 30 WB PP 1784	1.00	221-545	68.53
July 7 WB BB 3573	2.05	3-603	70.60

1768

PAID

Destination Airport  
YXY

Flight 71-07 Date

Wt. Chgs. Rte Cl. Ppd Be  
1 Code

**Yukon Bus Lines Ltd.**

WHITEHORSE, YUKON

Agent *[Signature]* Signature *CC 7600* Date *14 June 1980* Time *12:00*

Goods Received In Apparent Good Order (Except As Noted) By *CPA*

CP Office *CALGARY ALTA*

- At:  Shippers Door  
 City Terminal  
 Airport

Agent *[Signature]* *JR ELLIOTT* Date *JULY 7 73* Time *1130*

X 018-16 229743

5 Consignee's Copy


TOTAL - Credit Voucher Payable Control

STATEMENT

*Yukon Bus Lines Ltd.*

BOX 2009  
WHITEHORSE, YUKON

100

DYNASTY EXPLORATIONS  
BOX 218  
FARO Y.T.

1 PER CENT INTEREST PER MONTH ON OVERDUE ACCOUNTS

CC	
DATE	7/1/77
WGT	LBS.
EXPRESS CHARGES	
CHARGES ADVANCED	
VALUE CHARGED	
TOTAL TO COLLECT	

DATE	DESCRIPTION	CHARGES	CREDITS	BALANCE
AMOUNTS FORWARDED				
June 7	WRB CC 4124-	2 35	221-845	2 35
16	WRB PP 1759-	2 65	221-845	5 00
21	WRB BB 4311	1 65	221-603	6 65
28	WRB CC 4386-	29 15	221-603	35 80
29	WRB PP 1767-	1 65	221-603	37 45
Charged to coded vouchers previously forwarded.				
221-845 - \$5.00				
221-603 - \$32.45				

*Yukon Bus Lines Ltd.*

WHITEHORSE, YUKON



11111

DESTINATION STATION

*Yukon Bus Lines Ltd.*

**CC 3877**

The Carrier agrees to carry and deliver the package upon the terms and conditions prescribed by the province of state in which this shipment originates the tariff of the Carrier which is open for inspection at the principal office of the Carrier and at the terminal over which the Carrier is licensed to operate and to which per agrees by accepting this receipt.

CONSIGNEE		CHG. ACCT. <input type="checkbox"/> CHG. ACCT. NO.		FWDS. AGENT	
STREET ADDRESS		PHONE		DATE	TIME A.M. P.M.
NO. OF PIECES	<input type="checkbox"/> PKG	<input type="checkbox"/> BOX	<input type="checkbox"/> ENV.	<input type="checkbox"/> BAGG.	DECLARED VALUE \$
	<input type="checkbox"/> PCKG	<input type="checkbox"/> CTN.	OTHER		
CONTENTS		COMPANY		(NOT NEGOTIABLE) EXPRESS RECEIPT	
SHIPPER'S NAME		TO		EXPRESS CHARGES	
STREET ADDRESS		RELEASED TO		CHARGES ADVANCED	
ORIGIN CITY		DATE		VALUE CHARGES	
		NO.		TOTAL TO COLLECT	
		DATE		AMOUNT	

*ACME  
BR-AM  
L360A  
R27C*

*Wolfe*

**5. BILLING ABSTRACT TO CONSIGNEE IF CASH. TO H.O. WITH No. 4 IF CHARGED**

YUKON EXPEDITING BASE

SCHEDULE "F"

	OCT 31/71	NOV + DEC EST.	TOTAL
SALARIES AND WAGES	4,462.61		4,462.61
GROCERIES	935.73		935.73
TRAVEL & ACCOMMODATION	1,861.74		1,861.74
VEHICLE OPER. & MAINT.	1,255.34		1,255.34
BUILDING OPERAT. MAINT.	1,747.78		1,747.78
INSURANCE	780.33	3,269.33	4,049.66
OTHER EXPENSES	489.91		489.91
RECOVERIES - STAFFHOUSE	(567.08)		(567.08)
DEPRECIATION	1,939.54	1,666.67 379.58	3,985.79
	<u>12,905.90</u>	<u>5,315.58</u>	<u>18,221.48</u>

<u>DISTRIBUTION</u>	OCT 31/71	ADJUST.	TOTAL	<u>ALLOCATION</u>
TINTINA OEX	20,938.17		20,938.17	10,513.24
BRAM.	4,144.82	83.61	4,228.43	2,123.13
ACME	2,729.47	(83.61)	2,645.86	1,328.51
CAPA	1,470.63		1,470.63	738.42
DELTA	1,836.15		1,836.15	921.95
ECHO	5,170.66		5,170.66	2,596.23
	<u>36,289.90</u>		<u>36,289.90</u>	<u>18,221.48</u>

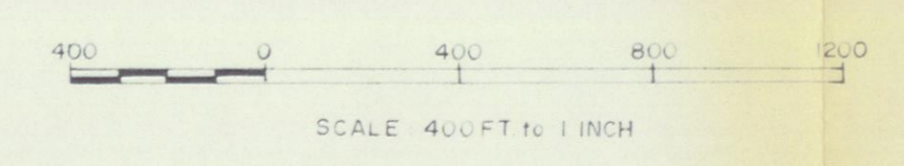
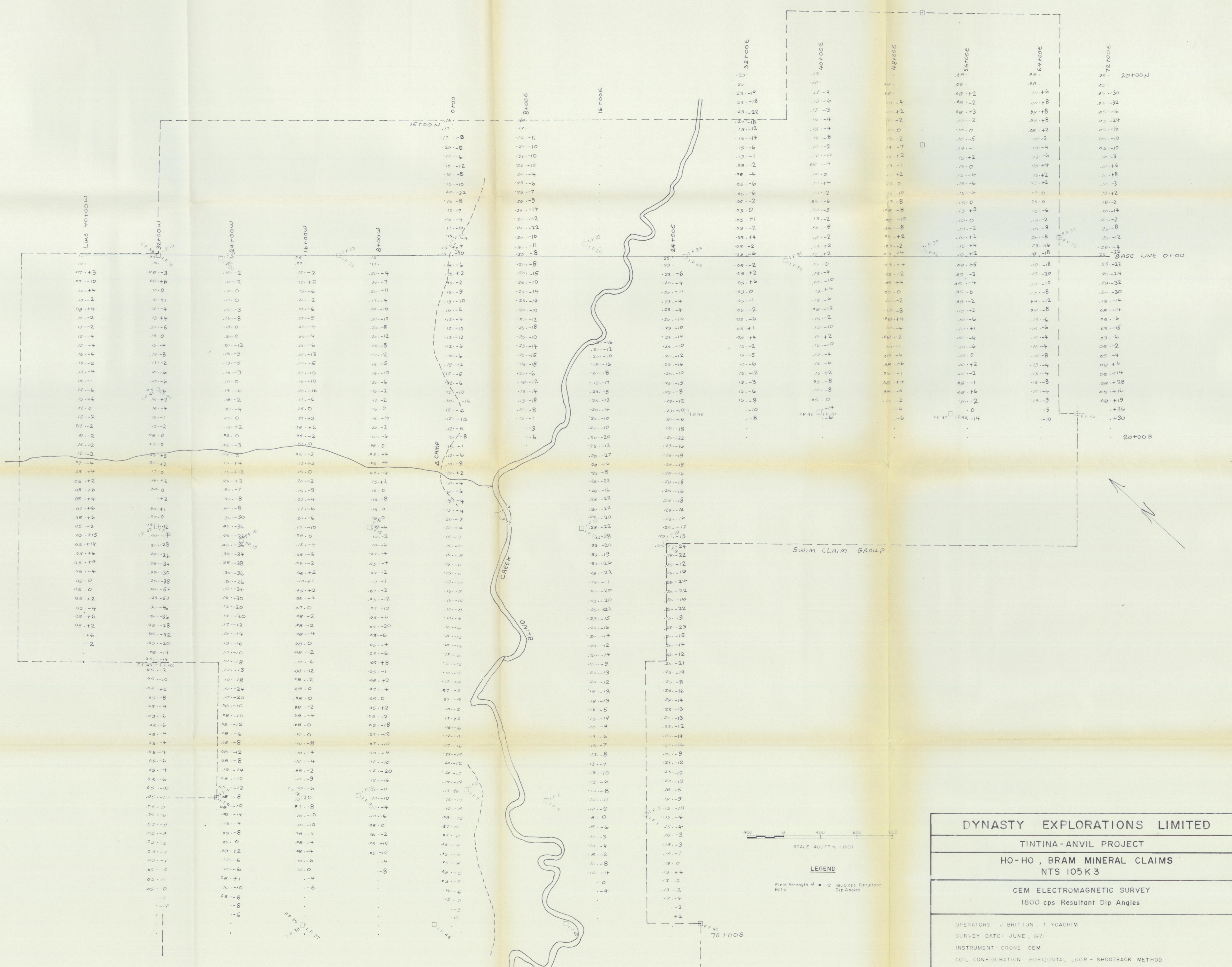
FACTOR. .502108 x WAGES

adjusted factors:

$$\begin{array}{r}
 \text{Rm } .502108 \times 134.99 = 67.78 \\
 \text{divided by } 4,386.36 = 2055.35 \\
 \hline
 \text{2123.13} \\
 \text{67.78} \\
 \hline
 \text{2055.35} = 468578
 \end{array}$$

LIST OF PERSONNEL

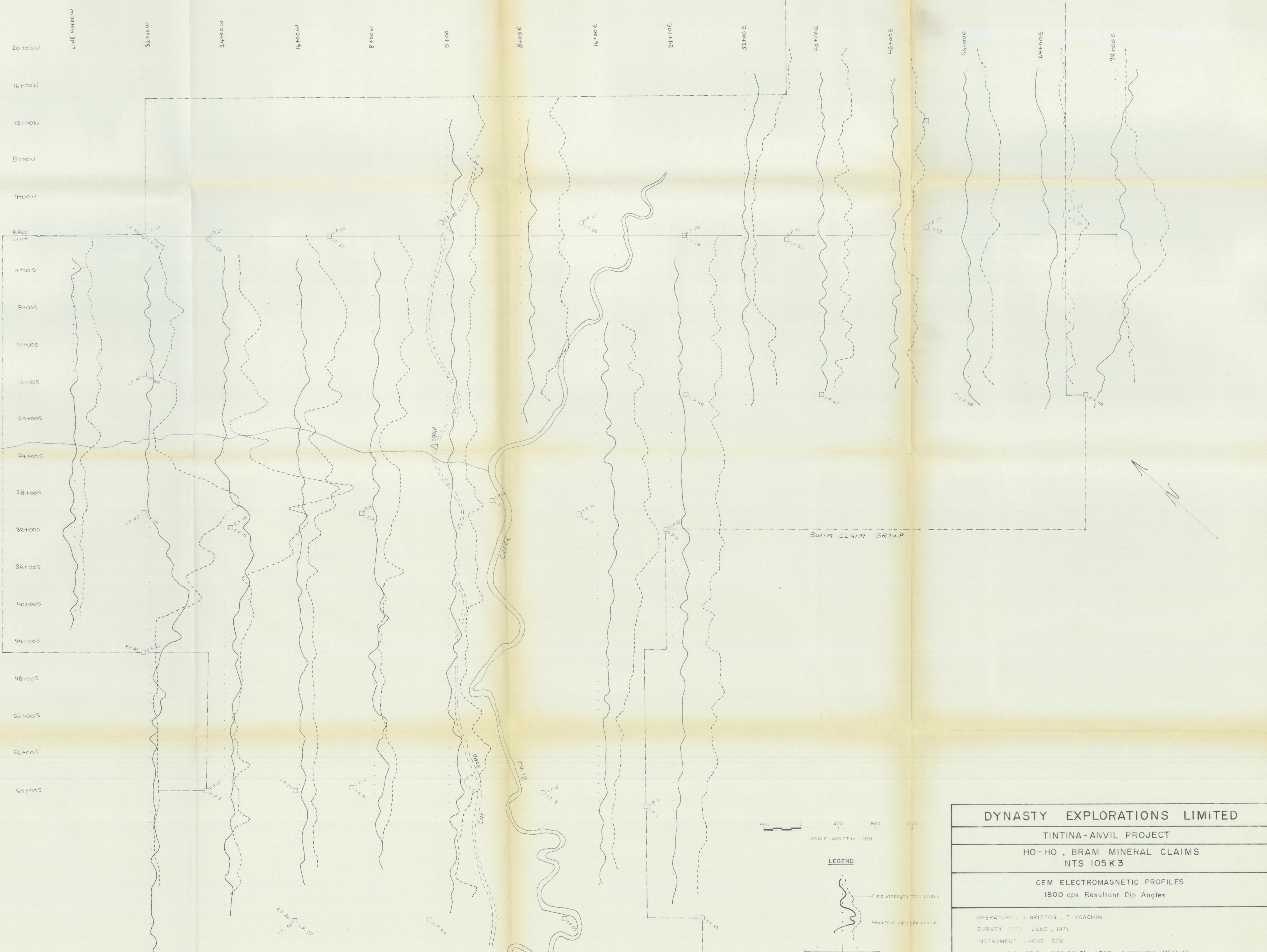
P. Dean	Party Chief	Vancouver, B.C.
T. Yoachim	Geophysical Operator	Victoria, B.C.
J. Britton	Geophysical Operator	Vancouver, B.C.
T. Skonseng	Prospector	Ross River, Y.T.
D. Pastro	Cook	New Westminster, B.C.



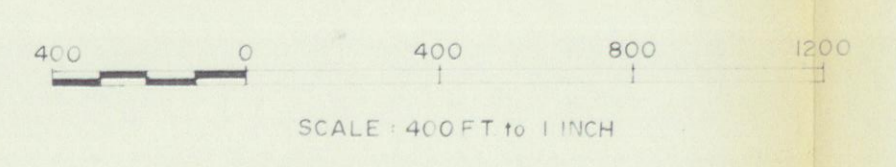
**LEGEND**

Field Strength  $\mu$  • 1/2 1800 cps Resultant Dip Angles  
 Ratio

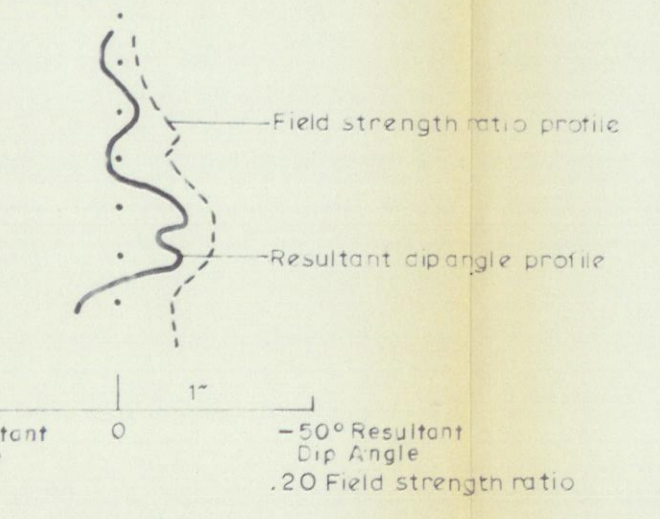
<b>DYNASTY EXPLORATIONS LIMITED</b>	
TINTINA-ANVIL PROJECT	
HO-HO, BRAM MINERAL CLAIMS NTS 105K 3	
CEM ELECTROMAGNETIC SURVEY 1800 cps Resultant Dip Angles	
OPERATORS: J. BRITTON, T. YOACHIM SURVEY DATE: JUNE, 1971 INSTRUMENT: CRONE CEM COIL CONFIGURATION: HORIZONTAL LOOP - SHOOTBACK METHOD COIL SEPARATION: 400 FEET	

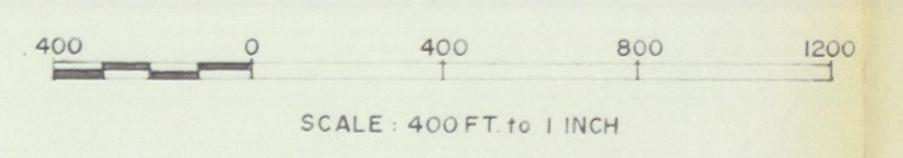


<b>DYNASTY EXPLORATIONS LIMITED</b>
TINTINA-ANVIL PROJECT
HO-HO, BRAM MINERAL CLAIMS NTS 105 K 3
CEM ELECTROMAGNETIC PROFILES 1800 cps Resultant Dip Angles
OPERATORS: J. BRITTON, T. YOACHIM SURVEY DATE: JUNE, 1971 INSTRUMENT: CHONE CEM COIL CONFIGURATION: HORIZONTAL LOOP - SHOOTBACK METHOD COIL SEPARATION: 400 FEET.

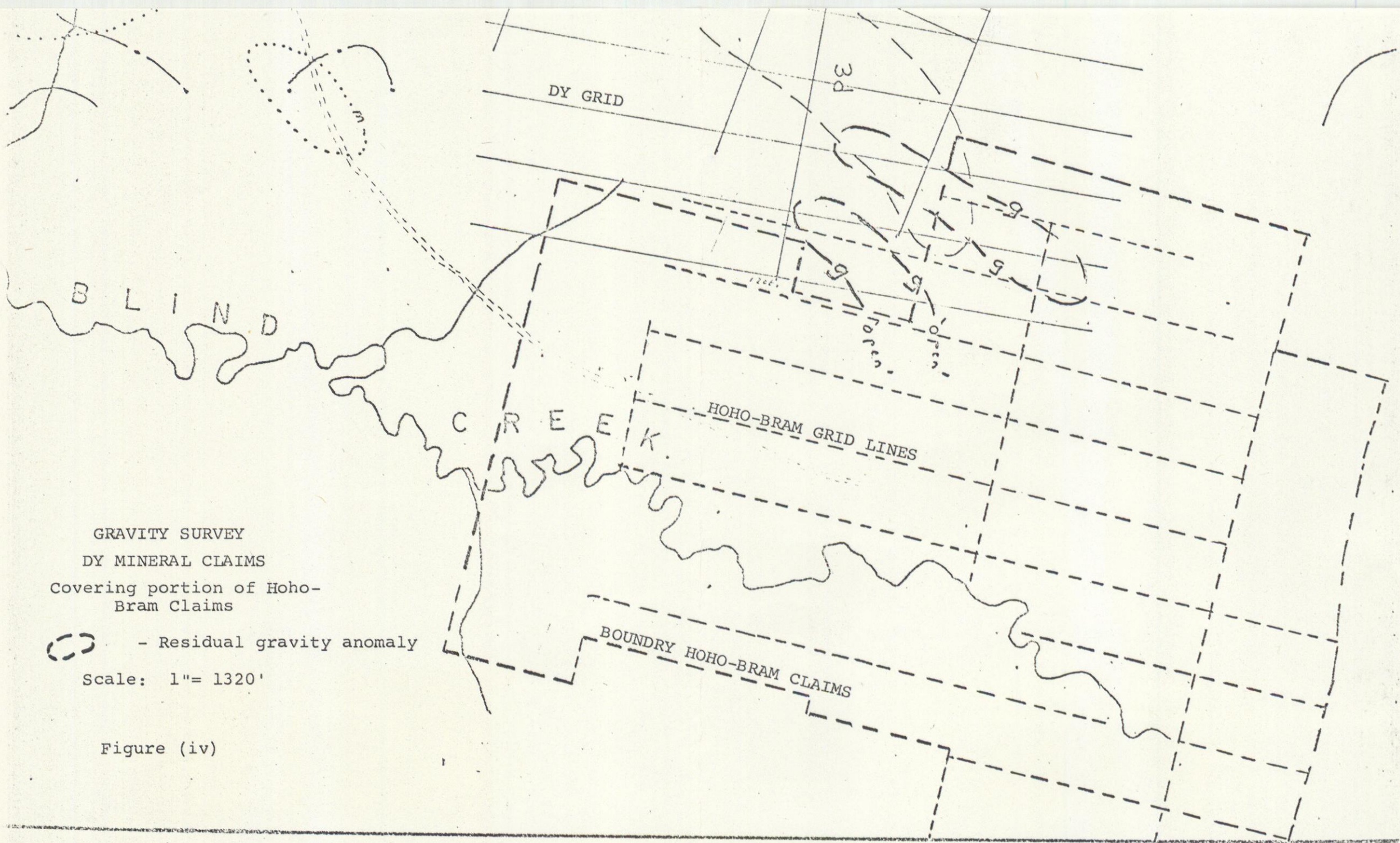


**LEGEND**





<b>DYNASTY EXPLORATIONS LIMITED</b>
TINTINA-ANVIL PROJECT
HO-HO, BRAM MINERAL CLAIMS NTS 105 K 3
CEM ELECTROMAGNETIC SURVEY Contoured 1800cps Resultant Dip Angles
OPERATORS: J. BRITTON, T. YOACHIM SURVEY DATE: JUNE, 1971 INSTRUMENT: CROPE CEM COIL CONFIGURATION: HORIZONTAL LOOP - SHOOTBACK METHOD COIL SEPARATION: 400 FEET.



GRAVITY SURVEY  
 BY MINERAL CLAIMS  
 Covering portion of Hoho-  
 Bram Claims


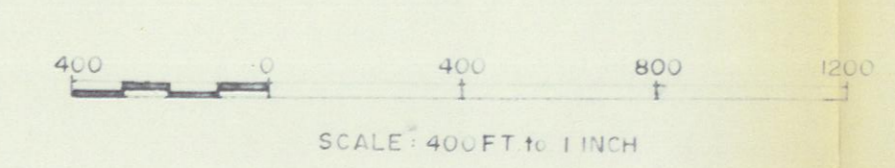
 - Residual gravity anomaly  
 Scale: 1"= 1320'

Figure (iv)



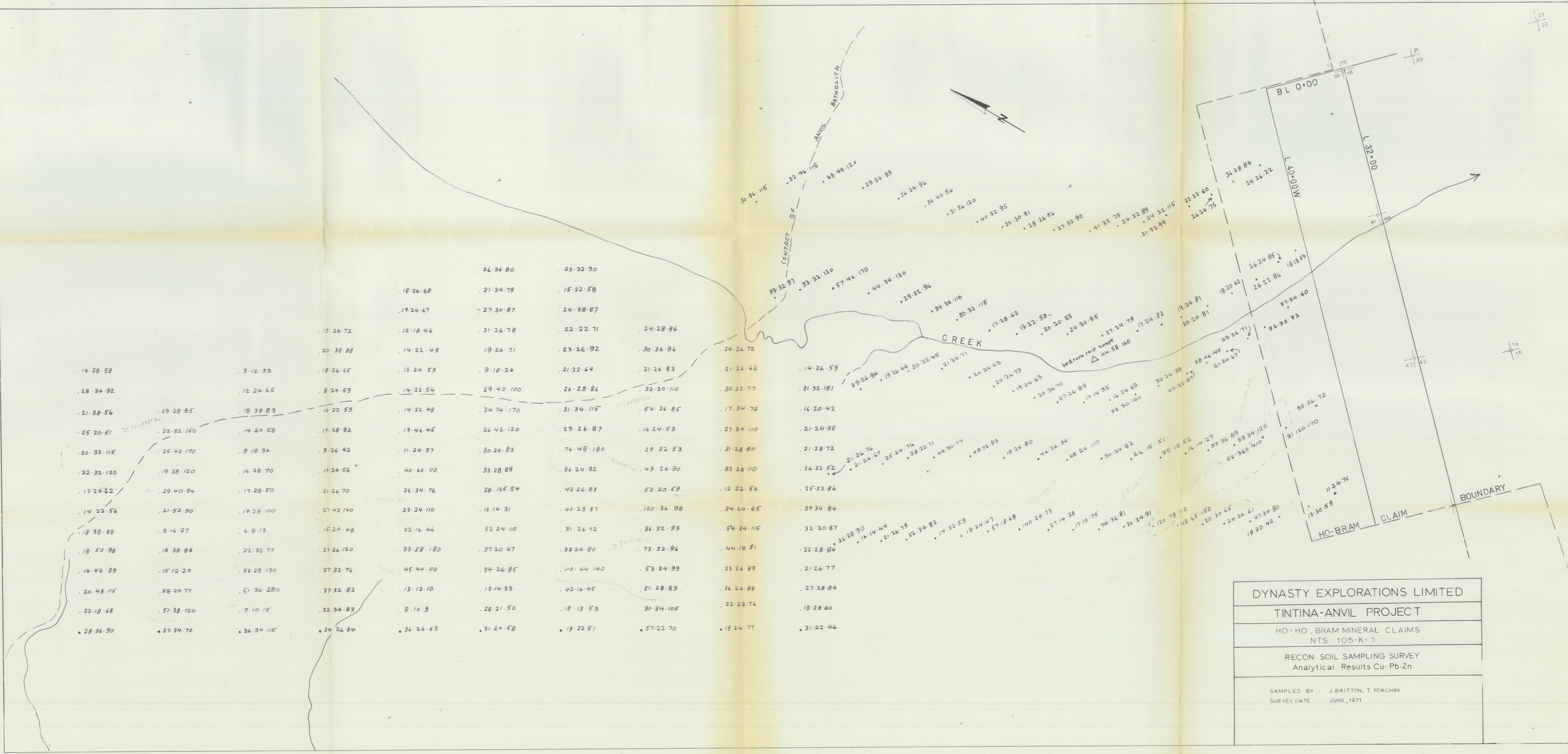
17-24-63	20-24-64	32-26-110	20+00N
14-20-45	11-16-50	15-24-46	
20-22-68	23-24-73	15-22-64	
18-24-70	13-18-41	24-24-57	
10-16-35	42-20-63	20-28-80	
16-26-69	17-24-61	29-32-89	
15-20-68	22-24-56	26-26-84	
11-16-31	18-24-85		
34-30-120	15-20-47	25-22-64	
18-22-69	19-22-57	21-22-69	
17-20-66		20-22-80	
12-14-49	17-18-71	21-22-49	
20-24-88	17-24-59	10-8-29	
25-28-74	49-32-83	30-22-58	
31-22-45		19-12-33	
	54-36-96	20-34-71	
36-26-84	57-32-89	18-28-58	
16-16-53	48-32-88	22-24-77	
18-22-71	31-46-52	15-22-74	
51-34-120	37-38-51	16-38-40	



**LEGEND**

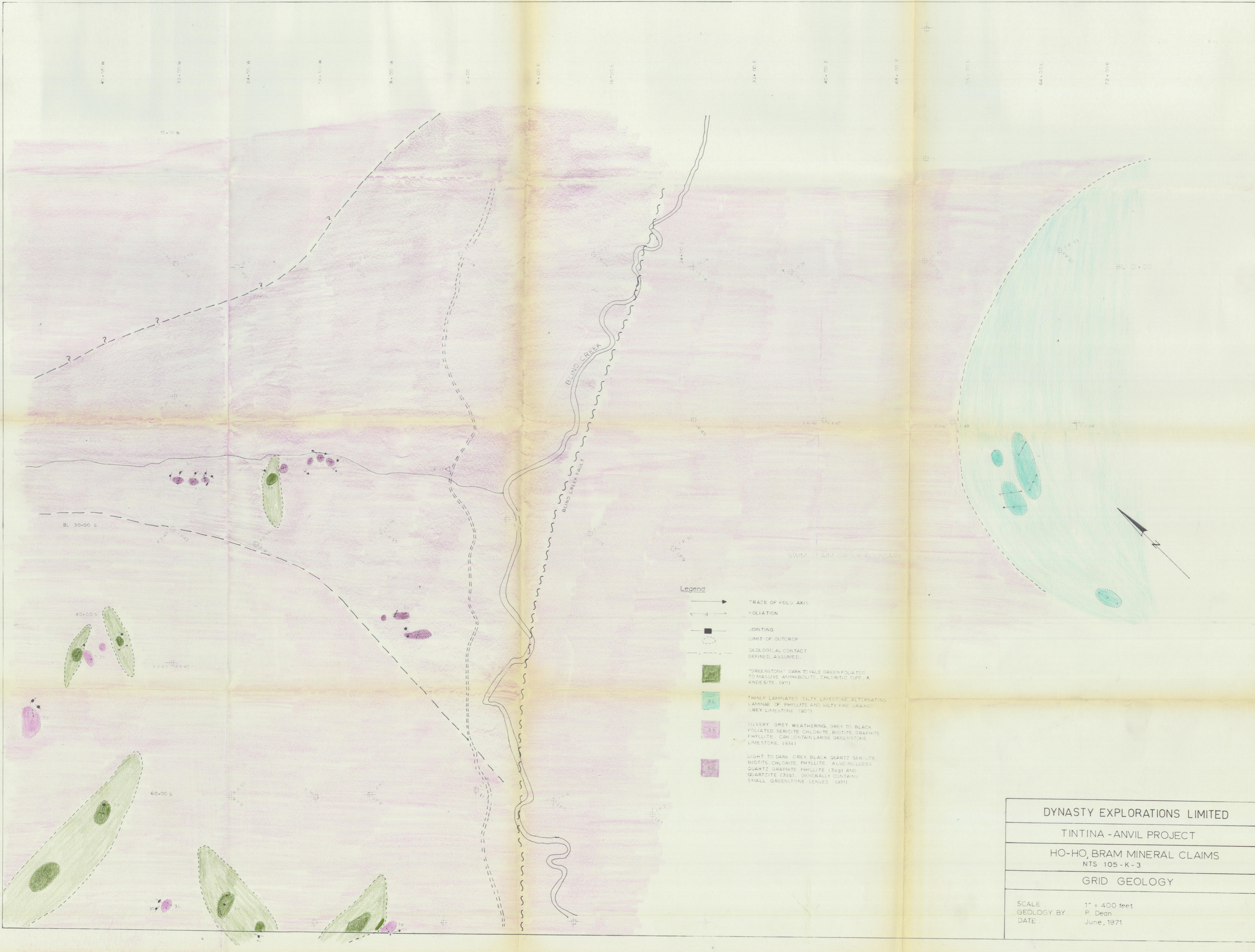
- Cu, Pb, Zn

<b>DYNASTY EXPLORATIONS LIMITED</b>
TINTINA-ANVIL PROJECT
HO-HO, BRAM MINERAL CLAIMS NTS 105 K 3
GEOCHEMICAL SOIL SAMPLING SURVEY ANALYTICAL RESULTS CU, Pb, Zn.
SAMPLERS: BRITTON, T. YOACHIM SURVEY DATE: JUNE, 1971 ANALYSIS BY: FARRINGER RESEARCH LTD., WHITEHORSE, YUKON.



14-28-58	9-12-33	18-26-65	13-24-59	9-18-26	21-22-64	21-26-83	21-26-62	14-26-59
28-34-92	12-24-65	8-24-59	14-22-54	29-40-100	26-28-86	32-30-110	30-22-77	31-32-181
21-38-56	29-28-85	18-38-83	10-22-59	14-22-48	34-74-170	31-34-115	54-26-85	17-34-72
25-20-51	22-32-150	14-20-58	17-28-82	19-46-45	26-42-120	29-26-87	16-24-53	27-34-110
20-32-115	25-42-170	8-18-34	9-26-42	11-24-37	30-24-83	76-48-180	29-32-53	31-28-80
22-32-120	19-38-120	16-28-70	17-24-56	40-60-110	33-28-89	86-24-92	49-26-90	32-28-110
17-24-62	29-40-94	17-28-50	21-26-70	26-34-76	28-165-54	42-26-83	52-20-59	12-22-56
14-22-56	21-52-90	17-28-100	27-42-140	23-24-110	16-14-31	40-28-87	120-36-98	34-24-65
18-38-88	9-16-27	6-8-13	15-20-48	22-16-46	52-24-110	31-26-72	36-32-93	54-34-115
18-50-98	19-38-89	22-32-77	27-26-120	33-58-180	37-20-67	38-24-80	73-32-96	44-18-81
14-42-89	15-12-20	33-28-130	27-32-76	45-40-110	34-26-85	110-44-140	53-34-99	23-26-89
20-48-115	28-24-77	51-36-280	37-32-82	13-12-10	13-14-33	42-16-45	51-28-89	36-26-88
22-18-68	51-38-120	7-10-15	32-34-83	8-10-9	28-21-50	18-18-53	30-34-105	22-28-76
28-36-90	27-34-70	36-34-115	34-26-84	36-26-63	31-20-58	19-22-51	57-22-70	18-24-77
								31-22-46








DYNASTY EXPLORATIONS LIMITED
TINTINA-ANVIL PROJECT
HO-HO, BRAM MINERAL CLAIMS NTS 105-K-3
RECON. SOIL SAMPLING SURVEY Analytical Results Cu-Pb-Zn
SAMPLED BY : J. BRITTON, T. YOACHIM SURVEY DATE : JUNE, 1971

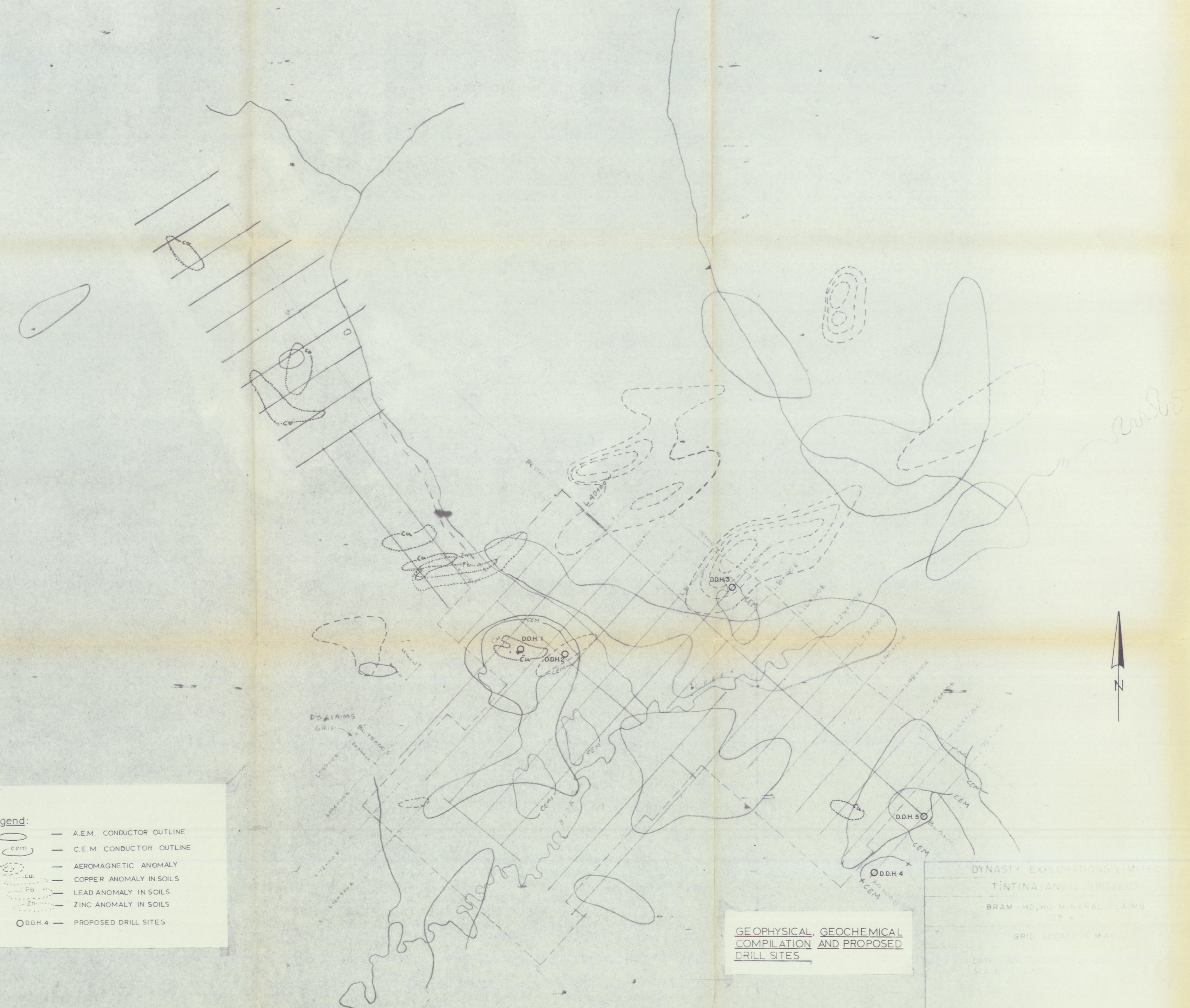


- Legend**
- TRACE OF FOLD AXIS
  - ↔ FOLIATION
  - JOINTING
  - LIMIT OF OUTCROP
  - - - GEOLOGICAL CONTACT DEFINED, ASSUMED
  - "GREENSTONE" (DARK TO PALE GREEN FOLIATED TO MASSIVE AMPHIBOLITE, CHLORITIC TUFF, & ANDESITE) (91)
  - THINLY LAMINATED SILTY LIMESTONE, ALTERNATING LAMINAE OF PHYLLITE AND SILTY FINE GRAINED GREY LIMESTONE (92)
  - SILVERY GREY WEATHERING, GREY TO BLACK FOLIATED SERICITE CHLORITE, BIOTITE, GRAPHITE PHYLLITE. CAN CONTAIN LARGE GREENSTONE LIMESTONE (934)
  - LIGHT TO DARK GREY BLACK QUARTZ SERICITE, BIOTITE, CHLORITE, PHYLLITE. ALSO INCLUDES QUARTZ, GRAPHITE, PHYLLITE (39g) AND QUARTZITE (39q). GENERALLY CONTAINS SMALL GREENSTONE LENSES (93)

DYNASTY EXPLORATIONS LIMITED	
TINTINA - ANVIL PROJECT	
HO-HO, BRAM MINERAL CLAIMS NTS 105 - K - 3	
GRID GEOLOGY	
SCALE . . . . .	1" = 400 feet
GEOLOGY BY . . . . .	P. Dean
DATE . . . . .	June, 1971

**Legend:**

-  — A.E.M. CONDUCTOR OUTLINE
-  — C.E.M. CONDUCTOR OUTLINE
-  — AEROMAGNETIC ANOMALY
-  — COPPER ANOMALY IN SOILS
-  — LEAD ANOMALY IN SOILS
-  — ZINC ANOMALY IN SOILS
-  — PROPOSED DRILL SITES



GEOPHYSICAL, GEOCHEMICAL  
COMPILATION AND PROPOSED  
DRILL SITES

DYNASTY EXPLORATIONS LIMITED  
TINTINA ANVIL PROJECT  
BRAM - HC, HO MINERAL CLAIMS  
100 K  
GRID LOCATION MAP  
DATE: MAY 1980  
SCALE: 1:50,000



PROPOSED EXPLORATION

HOHO-BRAM MINERAL CLAIMS

060959

April 1 - December 31, 1972

Latitude : 62°<sup>15</sup>18'N  
Longitude : 133°00'W

N.T.S. 105-K-3

By:

J. S. BROCK

DYNASTY EXPLORATIONS LIMITED

June, 1972

TABLE OF CONTENTS

LIST OF CLAIMS

CLAIM MAP

INTRODUCTION .....	1
GEOLOGY .....	2
GEOPHYSICS .....	3
GEOCHEMISTRY .....	5
PROPOSED EXPLORATION .....	6

Appendix I - Compilation Map - Hoho-Bram Claims

Appendix II - Grid Geology - Hoho-Bram Claims

APPENDIX B

Claims: Hoho/Bram

Dynasty Explorations Limited is the holder of an 80% interest in the claims which are the subject of this application and Atlas Explorations Limited is the holder of a 20% interest.

Dynasty Explorations Ltd., the applicant herein, is negotiating on behalf of itself and Atlas, a joint venture agreement with three other companies which contemplates the assignment to those companies of up to a 60% interest in the subject claims.

Three Companies will be eligible to acquire an interest in the claims if they make their share of expenditures specified in the Joint Venture Agreement and a Feasibility Report is completed

The Companies, and the interest which each may acquire are as follows:

Midwest Oil Production Ltd. .. 1700 Broadway, Suite 220 Denver, Colorado 80202	36%
--	-----

General Crude Oil Company P.O. Box 2252 Houston, Texas 77001	12%
--	-----

Aquitaine Company of Canada Ltd. 2000 Aquitaine Tower 540 - 5th Avenue S.W. Calgary, Alta.	12%
---	-----

Dynasty's interest may be further reduced if it fails to contribute to the Joint Venture in the subsequent years.

The applicant hereby requests the approval of the Minister to the assignment of interests contemplated herein.

# DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING  
355 BURRARD STREET  
VANCOUVER 1, B. C.

## PROPOSED EXPLORATION HOHO-BRAM MINERAL CLAIMS

### INTRODUCTION

The Hoho-Bram group straddles Blind Creek and was staked in the spring of 1971 to cover two airborne electromagnetic anomalies outlined by a previous helicopter-borne geophysical survey in 1965. A tributary of Blind Creek passing through the centre of the property has cut down through overlying Unit 3b leaving exposures of Unit 3a in the valley bottom.

Exploration carried out on the Hoho-Bram Group consisted of the following:

Exploration carried out on the Hoho-Bram Group consisted of the following:

#### Geology

- Logging of core from 3 diamond drill holes located approximately 3 miles northwest of the Hoho-Bram claims.
- Detailed geologic mapping of the property and surrounding area at scale 1:1320.
- Geologic mapping of grid area on property at scale 1:400.

#### Prospecting

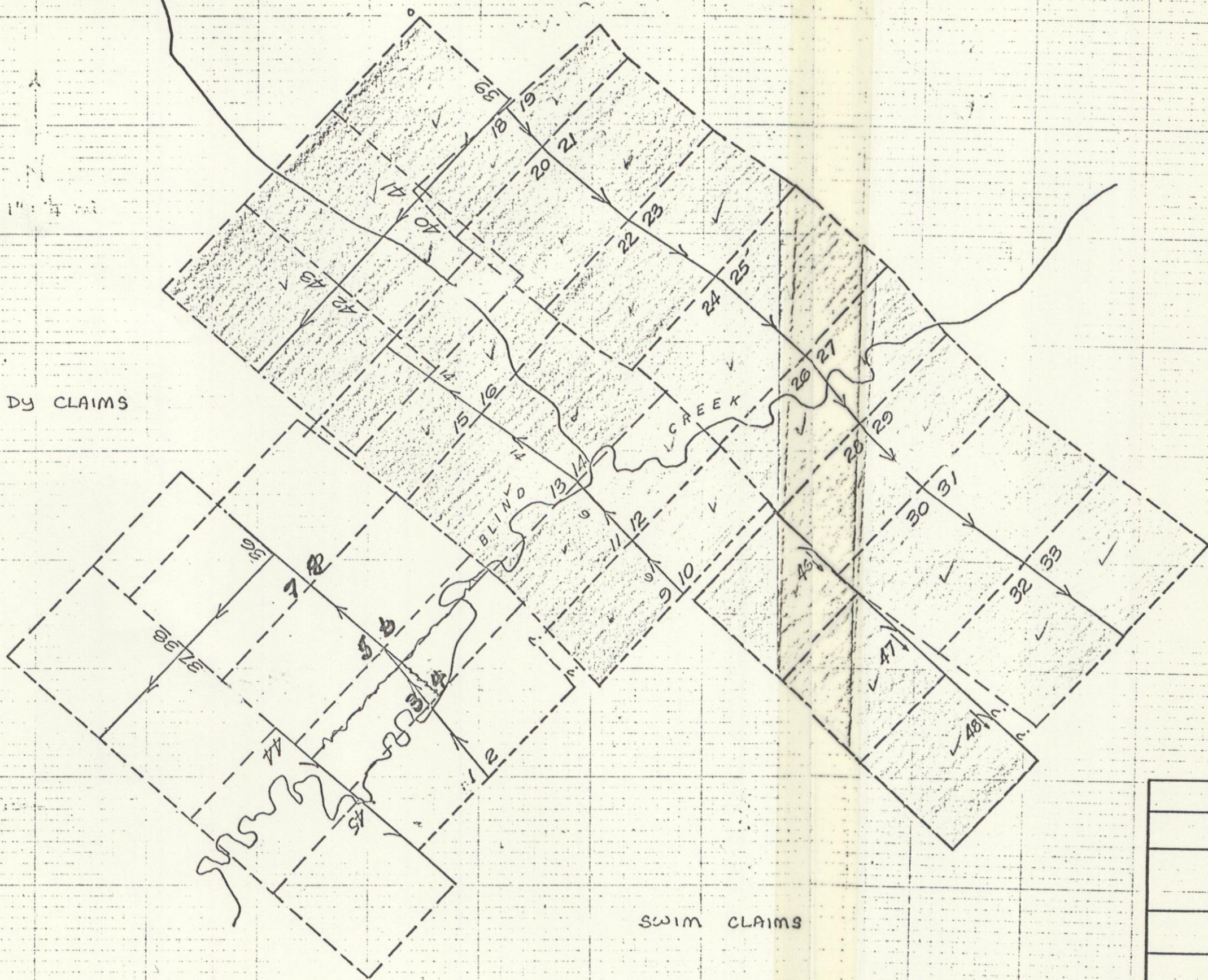
- Locating of minor sulphide occurrences, including:
  - (i) Minor pyrite pyrrhotite, chalcopyrite, sphalerite and galena in quartz veins.
  - (ii) Pyrrhotite and chalcopyrite in greenstone lenses.

- Geophysics
- Interpretation of airborne magnetic and electromagnetic data.
  - Completion of deep penetrating C.E.M. horizontal loop survey over entire claim group.
  - Inspection of gravity survey results over portions of Hoho-Bram claims from previous surveys on former DY claims staked in 1964.
- Geochemical Sampling
- 225 samples collected over grid lines in proximity to A.E.M. anomalies.
  - 200 samples collected on a 'recce-grid' extending over airborne geophysical anomalies extending west and north of the gridded area.
  - Rock geochemical studies of outcrop and drill core from surrounding area.

### GEOLOGY

Geologic mapping of the claim group was hampered by a lack of outcrop. On the claim group, a sequence of phyllitic rocks are exposed. The lowest, stratigraphically, are dark grey, very quartz-rich phyllites, Unit 3a, which outcrop along the lowest part of the Blind Creek Valley. This rock type grades upward in the section through a pale grey to pale greenish sericite-chlorite phyllite, Unit 3b, which in turn grades into a limy, carbonate-phyllite, Unit 3c, at the top of the section. Throughout the middle and upper sections of the phyllite unit there are many greenstone lenses up to a few tens of feet in thickness. These vary from massive, unfoliated amphibolite near their cores to well-foliated chlorite schists near the margins. These lenses frequently contain pyrrhotite and pyrite, and occasionally contain sparse chalcopyrite in quartz veins.

DY CLAIMS



SWIM CLAIMS



DYNASTY EXPLORATIONS LIMITED
TINTINA-ANVIL PROJECT
BRAM - HO,HO MINERAL CLAIMS 105 K-3
CLAIMS LOCATION MAP
DATE: NOV, 1971 SCALE: 1" = 1320'

In some greenstones close to the claim group abundant euhedral pyrite crystals up to one-half inch in size were found. No outcrop has been found in the vicinity of geophysical anomalies. Anomalies occur over phyllites that are high in the section and are probably within a few hundred feet, stratigraphically, of the limy upper phyllite member. Greenstone lenses containing pyrrhotite occur abundantly within 1000 feet of a magnetic-conductive anomaly on the northwest side of Blind Creek. These lenses do not seem to be directly associated with E.M. or aeromagnetic anomalies.

The quartz graphite-sericite phyllite found on the Hoho-Bram claims can be traced southeasterly by aeromagnetic trends to the Swim deposit. The presence of favourable geology accompanied by geophysical targets gives the Hoho-Bram group great potential for finding further ore reserves in the Anvil Range.

#### GEOPHYSICS

A helicopter-borne A.E.M. survey was flown over the Hoho-Bram area in 1965 for Dynasty Explorations by Lockwood Survey Corporation. Two well-defined conductors were outlined, one west of Blind Creek and located within sericite chlorite schists, the other is east of Blind Creek and located within limestone and limy-phyllite units.

The western conductor is partially coincident with a small aeromagnetic expression. This 20 gamma aeromagnetic anomaly is likely covered by a thin band of greenstone mapped in close proximity to the plotted location of the aeromag feature. No aeromagnetic survey coverage was completed east of Blind Creek in the vicinity of the property.

Ground geophysical follow-up consisted of Crone C.E.M. surveys and magnetometer surveys over the Hoho-Bram picket-line grid.

(a) Magnetic Results

A combination of nearly continuous magnetic storms and a suspected malfunction within the circuitry of the magnetometer gave unreliable data thus causing the survey to be abandoned. Available aeromagnetic data was used for geophysical interpretations.

(b) Electromagnetic Results

A large conductor has been outlined in the area of the A.E.M. anomaly located west of Blind Creek. This conductor as defined by a C.E.M. survey has dimensions of 2200 feet by 2400 feet, its major axis trends in an east-west direction and is on strike with the Vangorda deposit located 5 miles west of the Hoho-Bram claims. Conductive response reaches negative resultant dip angle values in excess of -50 degrees. The negative dip angle profile is typical of a flat-lying conductive body. The field strength ratio profiles closely approximate the dip angle response and also typify a flat-lying body of good conductivity.

Three other C.E.M. anomalies were outlined on the grid:

<u>Location</u>	<u>Mid-point</u>	<u>Maximum</u>	<u>Coincident</u>
<u>Conductor</u>	<u>Axis</u>	<u>Response</u>	<u>Features</u>
4 E	7N	-20°	Aeromagnetic anomaly
72E	3S	-30°	A.E.M. conductor
72E	18S	+30°	

The two anomalies on line 72E are related to the A.E.M. conductor outlined in that area. Ground survey coverage in this area is not complete. The north-south strike of the main axis of the A.E.M. conductor coincides with the strike of nearby outcrops.

## GEOCHEMISTRY

Approximately 420 soil samples were collected at 200 foot intervals along selected lines in the vicinity of the C.E.M. anomalies. Background values for copper and lead within the claim group are in the order of 20 to 25 ppm. For zinc, the background appears to be about 60 to 70 ppm.

### (a) Copper

Copper values range from 15 to 140 ppm, anomalous values are considered to be in excess of a threshold of 50 ppm, median values range from 25-30 ppm.

Seven small areas of anomalous copper, each area including between 2 and 5 stations, occur on the grid. A few 'spot highs' in excess of 50 ppm were also found.

### (b) Lead

With the exception of Cu anomaly No. 3 on the Recon. grid, anomalous copper values do not coincide with anomalous lead-zinc values. Lead and zinc geochemistry is certainly less widespread than copper. Lead values range from 15 ppm to a high of 360 ppm, average values of lead in soils are in the order of 30 ppm, threshold has been estimated at 50 ppm.

Only one significant lead anomaly in soils was outlined on the northwest border of the claim group on the recon. grid. Two recce soil samples taken 400 feet apart along a sidehill contour gave values of 360 to 120 ppm. A third sample taken 1000 feet northwest of the first two samples and along the direction of geologic strike assayed 78 ppm lead.

Although this recon anomaly is small and is made up of only three anomalous sites, it is nevertheless a significant target in that it follows the strike of the quartzose phyllite unit, it has coincident anomalous values in zinc and copper, and it falls near a weak 20 gamma aeromagnetic gradient.

(c) Zinc

Zinc values range from 20 to 410 ppm, average values are in the order of 60 ppm and threshold is 100 ppm.

The major zinc anomaly in soils coincides with the abovementioned copper and lead anomaly on the north-west border of the property. As expected, the zinc anomaly is larger than the copper and lead anomalies and has dimensions of 2000 feet by 500 feet in width. Several small zinc anomalies were outlined, most are in close proximity to the contact of the Anvil Batholith and are probably of no economic significance.

PROPOSED EXPLORATION

Drilling is recommended for the following targets:

<u>Hole No.</u>	<u>Location</u>	<u>Target</u>
72-27 (D.D.H.1)	Hoho-Bram Grid 28W 35S	(a) CEM-Ve dip angle (b) AEM conductor (c) Cu anomaly in soils
72-28 (D.D.H.2)	Hoho-Bram Grid 20W 30S	(a) Aeromag anomaly (b) CEM anomaly (c) AEM conductor
72-29 (D.D.H.3)	Hoho-Bram Grid 4E 10N	(a) CEM anomaly (b) Aeromag anomaly
72-30 (D.D.H.4)	Hoho-Bram Grid 72E 20S	+ Ve CEM Dip angle
72-31 (D.D.H.5)	Hoho-Bram Grid 72E BL	- VE CEM Dip angle AEM conductor

HOHO-BRAM CLAIMS

BUDGET NOTES

Summary

Claims - 33 - maintenance		
(1) Fee for recording assessment work		
\$15/claim for 3 yrs. x 47 claims	= 700 )	
(2) Grouping charge \$5/16 claims	= <u>20 )</u>	720
Drilling - 2 holes at approx. 5800 each	= 11,600)	
Goechem assays	= 400)	
Geol Wages	600)	
Mob.-Demob.	2,700)	
Freight & Transp. - 2 hrs. chopper	)	
time (groceries & supplies)	<u>300)</u>	16,320
Previous expenditures (To April, 1972)		<u>651</u>
		\$16,971

Expediting & Non-direct costs:

+ 10% Admin.

Direct Costs	\$16,971
Van. Expl. Office	848
Administration	<u>1,697</u>
Total	\$19,516

Wages	\$ 770
Supplies	<u>\$16,201</u>

Total Direct Charges \$16,971

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "J. S. Brock".

J. S. Brock,  
Vice-President Exploration

June, 1972

Claim No.	Grant No.	No. of Claims	Staked by	Recording Date	Transfer Information		Due Date	Assessment Work and Remarks
					To	Date		
1-8	Y60357-Y60364	8	T. Brock	March 11/71	Atlas	March 22/71	March 11/74	Date Filed: Feb, 1972 Amount: \$ 12,743.73 Type: Geol. Geochem Geophys.
18-24	Y60366-Y60372	7	G. Gray	March 11/71	"	"	March 11/74	
25-32	Y60373-Y60380	8	C. Matsen	March 11/71	"	"	March 11/74	
33	Y60381	1	Richard Matson	March 11/71	"	"	March 11/74	
36-43	Y60908-Y60915	8	P. Dean	June 30/71	Dynasty	Feb. 29/72	June 30/74	
44-48	Y60916-Y60920	5	J. Britton	June 30/71	"	"	June 30/74	
<u>BRAM CLAIMS</u>								
9-16	Y60384-Y60391	8	A. Harman	March 11/71	Atlas	March 22/71	March 11/74	

DYNASTY EXPLORATIONS LIMITED  
1972 YEAR TO DATE EXPENDITURES

PROJECT TINTINA-ANVIL  
Hoho-Bram

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
01 Property Examination												
02 Prospecting												
03 Staking			16									
04 Airborne Surveys												
05 Linecutting												
06 Geology			170									
07 Geophysics												
08 Geochemistry												
09 Diamond Drilling								12,600				
10 Physical Work												
11 Access Roads												
21 Camp Operations												
22 Freight & Transportation								3,000				
31 Prop.Acq. & Option Pymts												
32 Participations												
33 Property Maintenance			465					720				
<b>Total Direct Expenditures</b>			651					16,320				
41 Van.Office & Expediting			32					816				
44 Admin. Allocation			65					1,632				
<b>TOTAL</b>			748					18,768				
Less Admin. Allocation												
Less Non-Cash Expense												
<b>Net Field Expenditure</b>												
<b>BUDGET (Accum.)</b>			748					19,516				
Over												
Under												
Expenditure Wages			170					600				
Analysis Supplies & Services			481					15,720				

DYNASTY EXPLORATIONS LIMITED  
1972 YEAR TO DATE EXPENDITURES

PROJECT TINTINA-ANVIL  
Hoho-Bram

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
01 PROPERTY EXAMINATION												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
02 PROSPECTING												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
03 STAKING												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
04 AIRBORNE SURVEYS												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
05 LINECUTTING												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												

DYNASTY EXPLORATIONS LIMITED  
1972 YEAR TO DATE EXPENDITURES

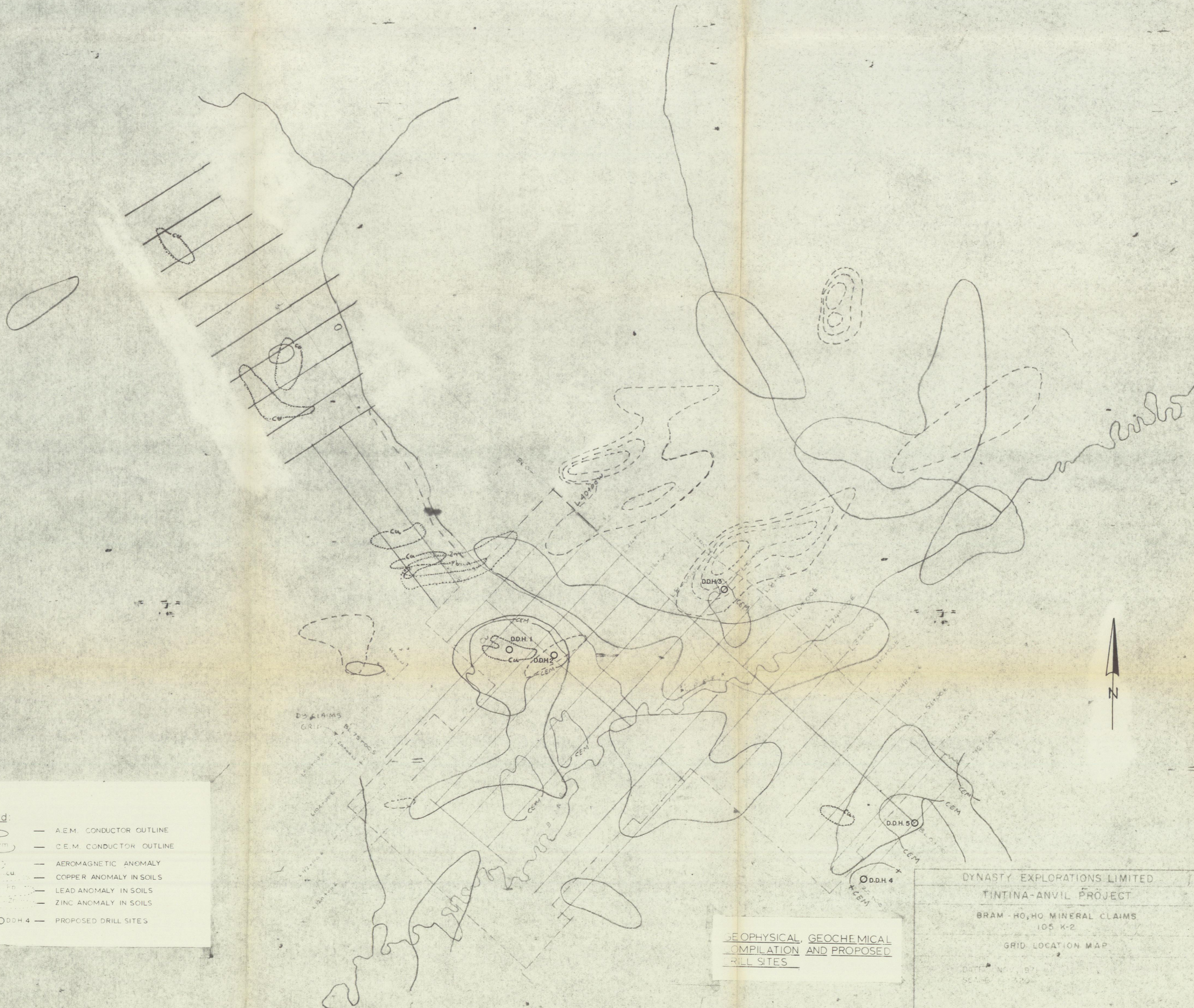
PROJECT TINTINA-ANVIL  
Hoho-Bram

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
06 GEOLOGY												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
07 GEOPHYSICS												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
08 GEOCHEMISTRY												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
09 DIAMOND DRILLING												
-1 Salaries & Wages								600				
-2 Contract Payments							)	11,600				
-3 Field Expenses							)					
-4 Assays								400				
								12,600				
10 PHYSICAL WORK												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												

DYNASTY EXPLORATIONS LIMITED  
1972 YEAR TO DATE EXPENDITURES

PROJECT TINTINA-ANVIL  
Hoho-Bram

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
11 ACCESS ROADS												
-1 Salaries & Wages												
-2 Contract Payments												
-3 Field Expenses												
-4 Assays												
21 CAMP OPERATIONS												
-1 Salaries & Wages												
-2 Groceries												
-3 Other Supplies												
22 FREIGHT & TRANSPRTN												
-1 Supplies to/from field												
-2 Trsptn.to/from field								300				
-3 Fld.Tsptn.-Helicopter												
-4 Fld.Tsptn.-Fixed Wing												
-5 Fld.Tsptn.-Bombardier												
-6 Fld.Tsptn.-Truck								2,700				
								3,000				

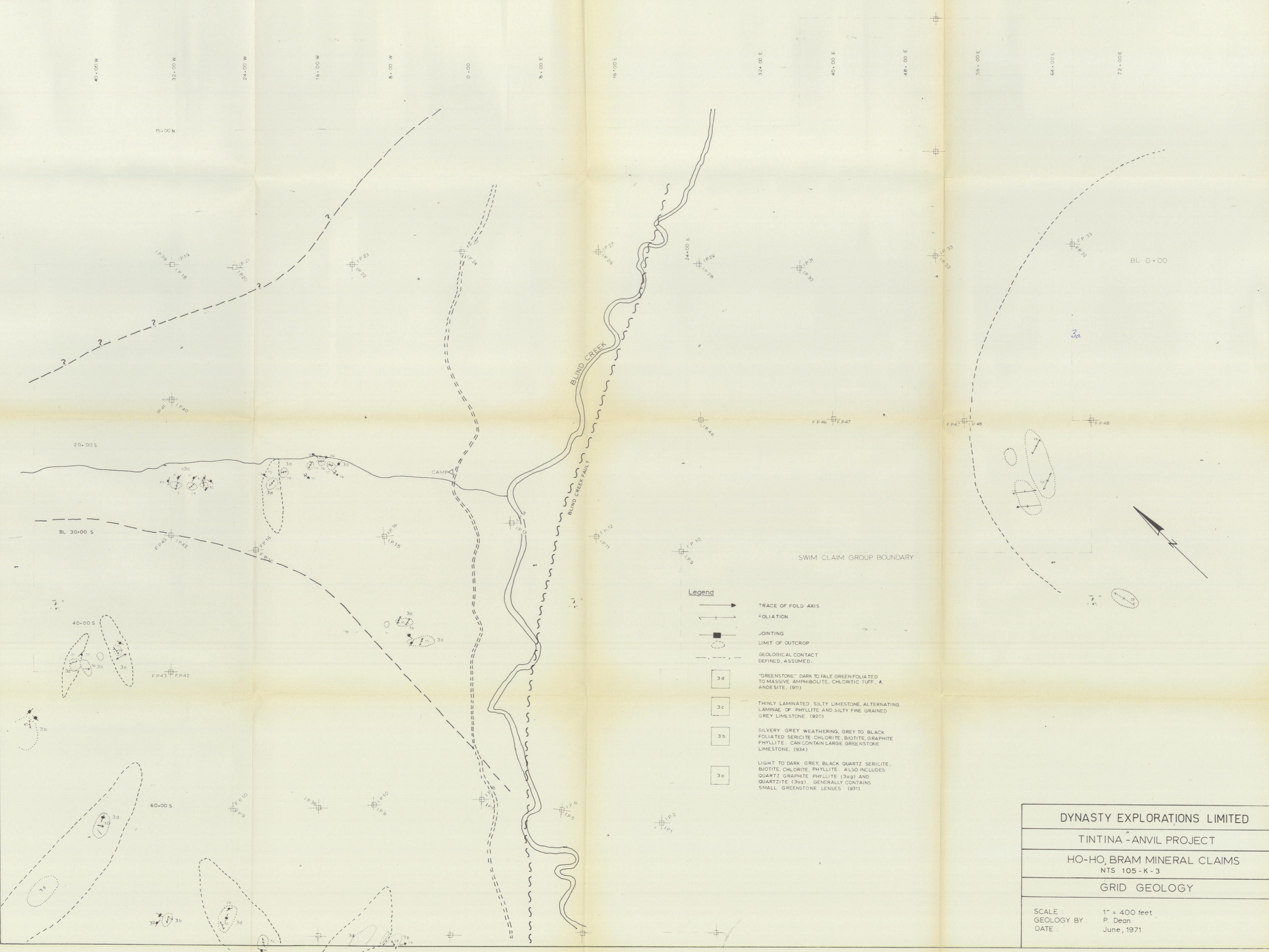


**Legend:**

	A.E.M. CONDUCTOR OUTLINE
	C.E.M. CONDUCTOR OUTLINE
	AEROMAGNETIC ANOMALY
	COPPER ANOMALY IN SOILS
	LEAD ANOMALY IN SOILS
	ZINC ANOMALY IN SOILS
	PROPOSED DRILL SITES

GEOPHYSICAL, GEOCHEMICAL  
COMPILATION AND PROPOSED  
DRILL SITES

DYNASTY EXPLORATIONS LIMITED  
TINTINA-ANVIL PROJECT  
BRAM - HO, HO MINERAL CLAIMS  
105 K-2  
GRID LOCATION MAP  
DATE: NOV. 87  
SCALE: 1:25,000



**Legend**

- TRACE OF FOLD AXIS
- FOLIATION
- JOINTING
- LIMIT OF OUTCROP
- GEOLOGICAL CONTACT DEFINED, ASSUMED.
- "GREENSTONE" DARK TO PALE GREEN FOLIATED TO MASSIVE AMPHIBOLITE, CHLORITIC TUFF, & ANDESITE. (911)
- THINLY LAMINATED SILTY LIMESTONE, ALTERNATING LAMINAE OF PHYLLITE AND SILTY FINE GRAINED GREY LIMESTONE. (920)
- SILVERY GREY WEATHERING, GREY TO BLACK FOLIATED SERICITE CHLORITE, BIOTITE, GRAPHITE PHYLLITE. CAN CONTAIN LARGE GREENSTONE LIMESTONE. (934)
- LIGHT TO DARK GREY, BLACK QUARTZ SERICITE, BIOTITE, CHLORITE, PHYLLITE. ALSO INCLUDES QUARTZ GRAPHITE PHYLLITE (3aq) AND QUARTZITE (3aq). GENERALLY CONTAINS SMALL GREENSTONE LENSES (931)

DYNASTY EXPLORATIONS LIMITED	
TINTINA - ANVIL PROJECT	
HO-HO, BRAM MINERAL CLAIMS NTS 105 - K - 3	
GRID GEOLOGY	
SCALE :	1" = 400 feet
GEOLOGY BY :	P. Dean
DATE :	June, 1971