

REPORT



on

GEOLOGY, GEOCHEMICAL and DIAMOND DRILLING

Property

MOUNT HUNDERE



Claims

CIMA-MICA

Location

Longitude 128° 53' West

Latitude 60° 31' North

Mining District

Watson Lake

N.T.S.

105 A 10

Commodity

Pb-Zn-Ag

Author

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Date

October 15, 1981

090955

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SUMMARY

The Mt. Hundere property consists of 104 claims and is situated 53 kilometres North of Watson Lake, Yukon Territory.

Earlier exploration work resulted in the discovery of the South and North Showing where galena and sphalerite occur in skarn units within Lower Cambrian sediments.

During 1979 and 1980 Cima Resources Limited blocked out the following Proven Reserves:-

	<u>Location</u>	<u>Tonnes</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Oz./T Ag</u>
1979	Main Zone	66,442	15.6	18.9	2.36
1980	Main Zone (extension)	59,486	12.6	13.8	2.32
1980	East Zone	122,462	6.38	7.10	3.14

The 1981 exploration program, administered by Cima and financed by Canadian Natural Resources, was designed to study extension of high silver mineralization and to test geochemically anomalous zones. This program increased the reserves in the East Zone as follows (including 1980 reserves):-

	<u>Location</u>	<u>Tonnes</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Oz./T Ag</u>
	East Zone	137,274	6.44	6.31	5.29

Within these reserves, the following high silver ore was estimated:-

	East Zone	43,953	7.00	4.59	13.46
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Exploration results in the West and North Showing showed no encouraging results.

CONCLUSIONS

On the Mt. Hundere property significant Pb-Zn-Ag mineralization occurs in skarn units which have developed in limestone adjacent to a phyllite contact and into phyllite. The skarn units vary from quartz free actinolite skarns to quartz, actinolite garnet skarn.

The South Showing mineralization is structurally controlled by a series of Northwest striking faults and the sediments have been folded into a broad "S" shape.

The West Showing mineralization occurs in limestone adjacent to a phyllite contact and seems to be structurally controlled by folding, mineralization and the limestone were not intercepted by diamond drill holes.

The North Showing mineralization is associated with a flat-plunging synclinal nose or a series of drag folds which projected to surface at both ends.

Extension of mineralization on the East Zone toward the Northwest needs to be tested. Also it is recommended to test extension of Main Zone orebody towards the South where it seems to be displaced by an EW fault.

RECOMMENDATIONS

An exploration program consisting of the following is recommended:-

- 1) Geological mapping East Zone
- 2) Geochemistry North of baseline, East Zone
- 3) Diamond drilling
 - a) Minimum 1 hole at the South of East end of Main Zone
 - b) Minimum 4 holes, East Zone (Figure No. 7)

Total Footage = 1,574 ft. (480 m.)

The program calls for a crew of 7 people including 4 drillers and the estimated cost of \$100,000.

INTRODUCTION

Location and Access

The property is situated along the Eastern flank of Mount Hundere which lies approximately 53 kilometers North of Watson Lake, Yukon Territory.

A 25 kilometer long access road leaves the Robert Campbell Highway at kilometer post 56. The first 15 kilometers of the road are relatively flat, poorly drained and sinuous but can be travelled unassisted by two-wheel drive vehicles, while the upper 10 kilometers has several steep grades that can only be scaled by four-wheel drive vehicles.

Camp Status

At the South Showing there is a 14 x 17 ft. plywood building providing sleeping quarters for four men and a total of five plywood platforms which allow easy set up of tents.

A 652 meter long steel victallic coupled line provides the camp with water from a stream valley 213 meters below.

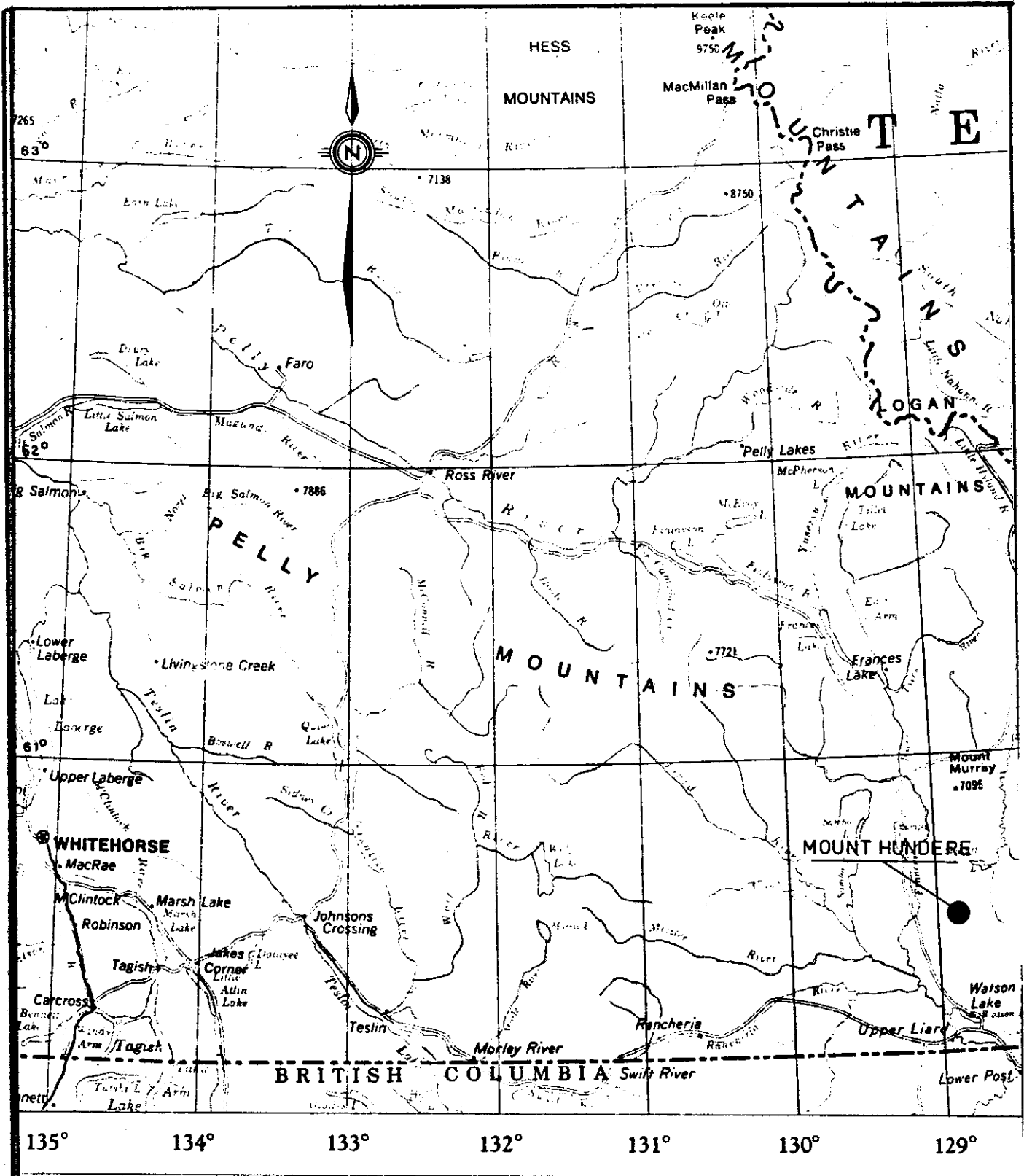


FIGURE 1

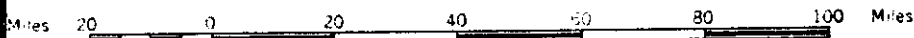
CIMA RESOURCES LTD.

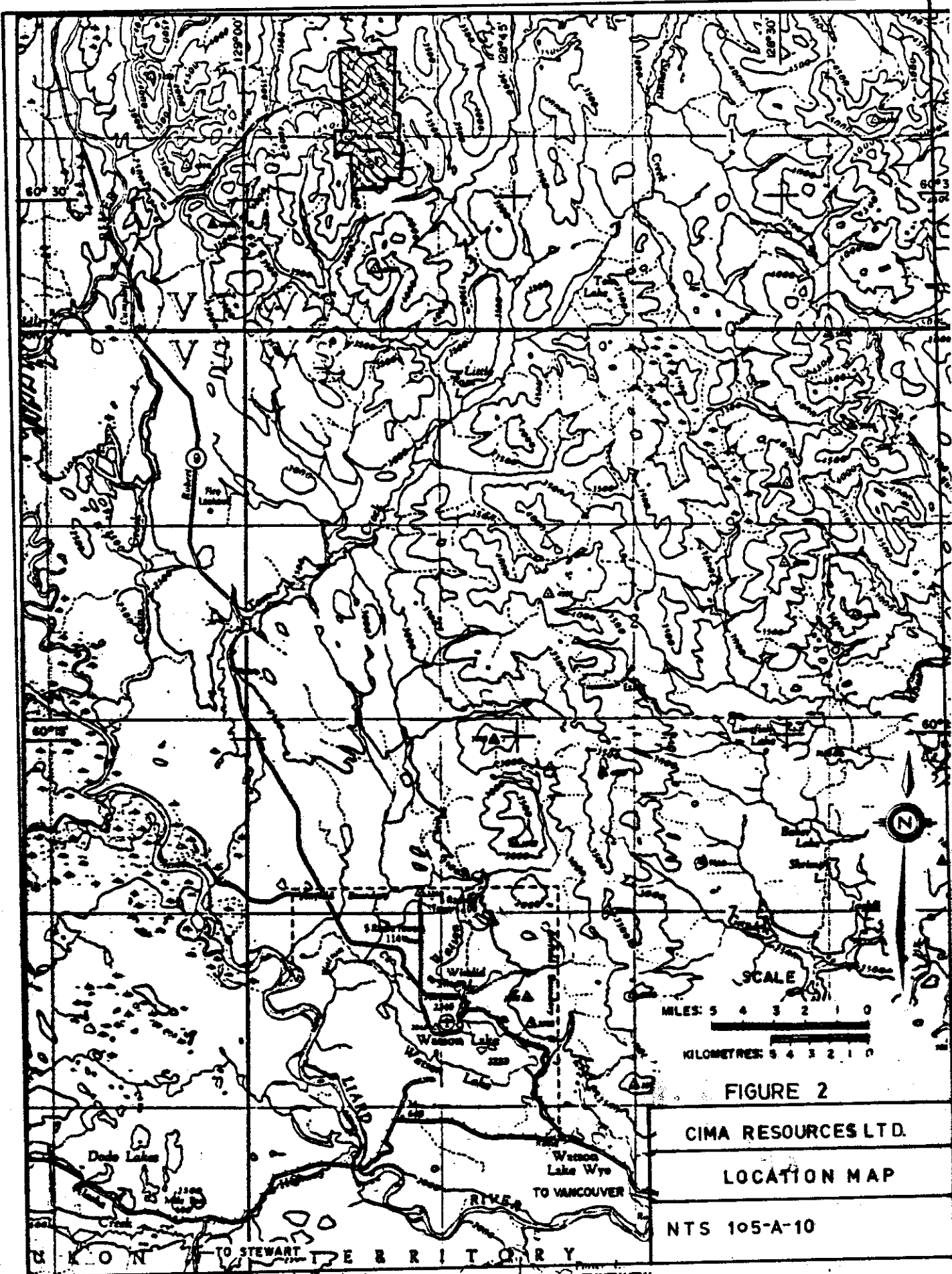
LOCATION MAP

N.T.S. 105-A-10

SCALE 1:2,000,000

1 inch equals approximately 32 miles





SCALE

MILES: 5 4 3 2 1 0

KILOMETRES: 5 4 3 2 1 0

FIGURE 2

CIMA RESOURCES LTD.

LOCATION MAP

NTS 105-A-10

TO STEWART TERRITORY

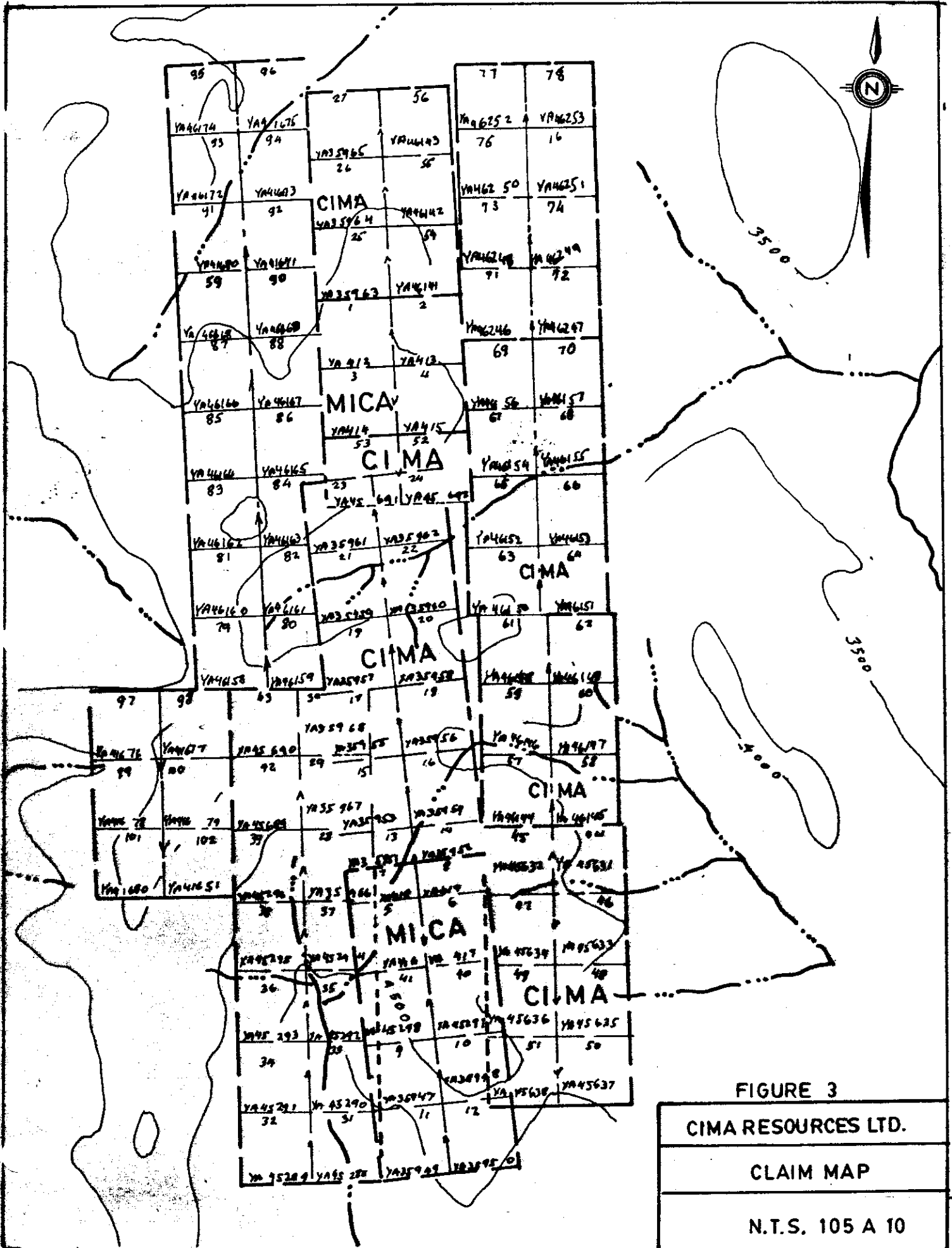


FIGURE 3
CIMA RESOURCES LTD.
CLAIM MAP
N.T.S. 105 A 10

CLAIMS

Mount Hundere Mines Limited, of which Cima Resources Limited is a major shareholder and Cima Resources Limited hold the following 104 mineral claims:-

<u>Claim Name and Number</u>	<u>Grant Number</u>	<u>No. of Claims</u>	<u>Recording Date</u>	<u>Due Date</u>
Mica 1 - 8	YA412-YA419	8	3 Aug. 1976	Mar. 1/85
Mica 9 - 12	YA35947-YA35950	4	1 Mar. 1979	Mar. 1/85
Mica 40 - 41	YA45297-YA45298	2	17 Aug. 1979	Mar. 1/85
Cima 13 - 30	YA35951-YA35968	18	1 Mar. 1979	Mar. 1/85
Cima 31 - 39	YA45288-YA45296	9	17 Aug. 1979	Mar. 1/85
Cima 42 - 43	YA45689-YA45690	2	4 Sept. 1979	Mar. 1/85
Cima 44 - 51	YA45631-YA45638	8	4 Sept. 1979	Mar. 1/85
Cima 52 - 53	YA45691-YA45692	2	4 Sept. 1979	Mar. 1/85
Cima 54 - 56	YA46141-YA46143	3	28 Sept. 1979	Mar. 1/85
Cima 57 - 64	YA46144-YA46151	8	1 Oct. 1979	Mar. 1/85
Cima 65 - 70	YA46152-YA46157	6	1 Oct. 1979	Mar. 1/85
Cima 71 - 78	YA46246-YA46253	8	9 Oct. 1979	Mar. 1/85
Cima 79 - 102	YA46158-YA46181	24	1 Oct. 1979	Mar. 1/85

Physiography and Vegetation

The claims cover a C-shaped Northwest trending ridge and valley system with rounded to gently rolling hilltops which slope moderately to steeply Eastward.

Total rock exposure is less than 10% and is limited to steeper sections of valleys and ridge tops.

Lichen and mosses predominate ridge tops and give way to buck brush and stunted black spruce on valley sides. Thicker stands of spruce and willow grow on lower more sheltered slopes and valley bottoms.

History

The property was discovered and staked by prospectors Jake Hundere and Peter Ritco in 1962. Subsequently, under the direction of Dr. A.E. Aho, geological mapping, geochemical sampling and bulldozer trenching were carried out and a twelve kilometer access road was constructed. The exploration effort led to the discovery of the North and South Showings.

In 1963 Kerr Addison, Newconex and Canex Aerial formed the Francis River Syndicate and expanded the claim block. During the field season they deepened several trenches, drilled one diamond drill hole on the North Showing and six on the South Showing. At that time they concluded that the mineralization was of too limited an extent to be economic.

In 1966 Atlas Exploration optioned the property and carried out geological mapping, geochemical sampling and bulldozer trenching.

No further work was done on the property until 1979 when Cima Resources Limited carried out a detailed exploration program. The program of grid preparation, geological mapping, hand trenching and diamond drilling of 18 holes under the supervision of Wayland S. Read succeeded in blocking out 66,442 tonnes of Proven Resources in the Main Zone of the South Showing. In addition the access road was extended and a house trailer was brought into the campsite.

During 1980 geochemical sampling, linecutting, geological mapping and diamond drilling of 26 holes under the supervision of R. Kidlark succeeded in blocking out 59,486 tonnes in the Main Zone and 122,462 tonnes in the East Zone, both located in the South Showing.

Work Done

From June 1st to July 25th, 1981, linecutting, geochemical sampling, geological mapping, bulldozer trenching and diamond drilling were carried out on the property.

The diamond drilling was contracted to E. Caron Diamond Drilling Ltd., who provided a five-man crew and equipment. A total of 19 holes of B.Q. and N.Q. sizes for a total of 797 meters were drilled. The drilling commenced on July 2nd and the last hole was completed on July 23rd. Fourteen holes were drilled on the East Zone - South Showing; 4 holes were drilled on the West Showing and 1 hole was drilled on the North Showing. The drilling average with moves was approximately 18.12 meters (59.41 ft.) per 12 hour shift.

Regional Geology

J.W. Staniford (1966) describes the regional geological setting as follows:-

"Regional Geological Setting:

The Mt. Hundere area lies on a NW trending belt of Precambrian and Cambrian rocks. These rocks are in the center of a dome structure which is overlain on all sides by younger rocks. The area lies just south of a major east-west trending structural lineament which extends for some tens of miles to the east. The trace of this structure is easily visible because of offsets in several river systems to the east. Several faults are known to cross the area, and there appears to have been considerable faulting throughout the region."

The Mount Hundere region is underlined by the following lithologic units (Figure No. 4):-

- Silurian and Devonian buff brown and grey laminated, platy, calcareous siltstone and black argillaceous limestone
- Cambrian and Ordovician dark grey and black, non-calcareous argillite, slate and phyllite; buff and grey calcareous phyllitic limestone, phyllite and slate
- Lower Cambrian thick-bedded limestone
- Devonian and or Mississippian carbonaceous black slate, impure siltstone and sandstone

Abbott, J.C. (1977) considers that in contrast to the consistent broad open folds developed in the Silurian and younger lithologic units the folding and penetrative structures in the Cambrian and Ordovician units are variable in style and orientation.

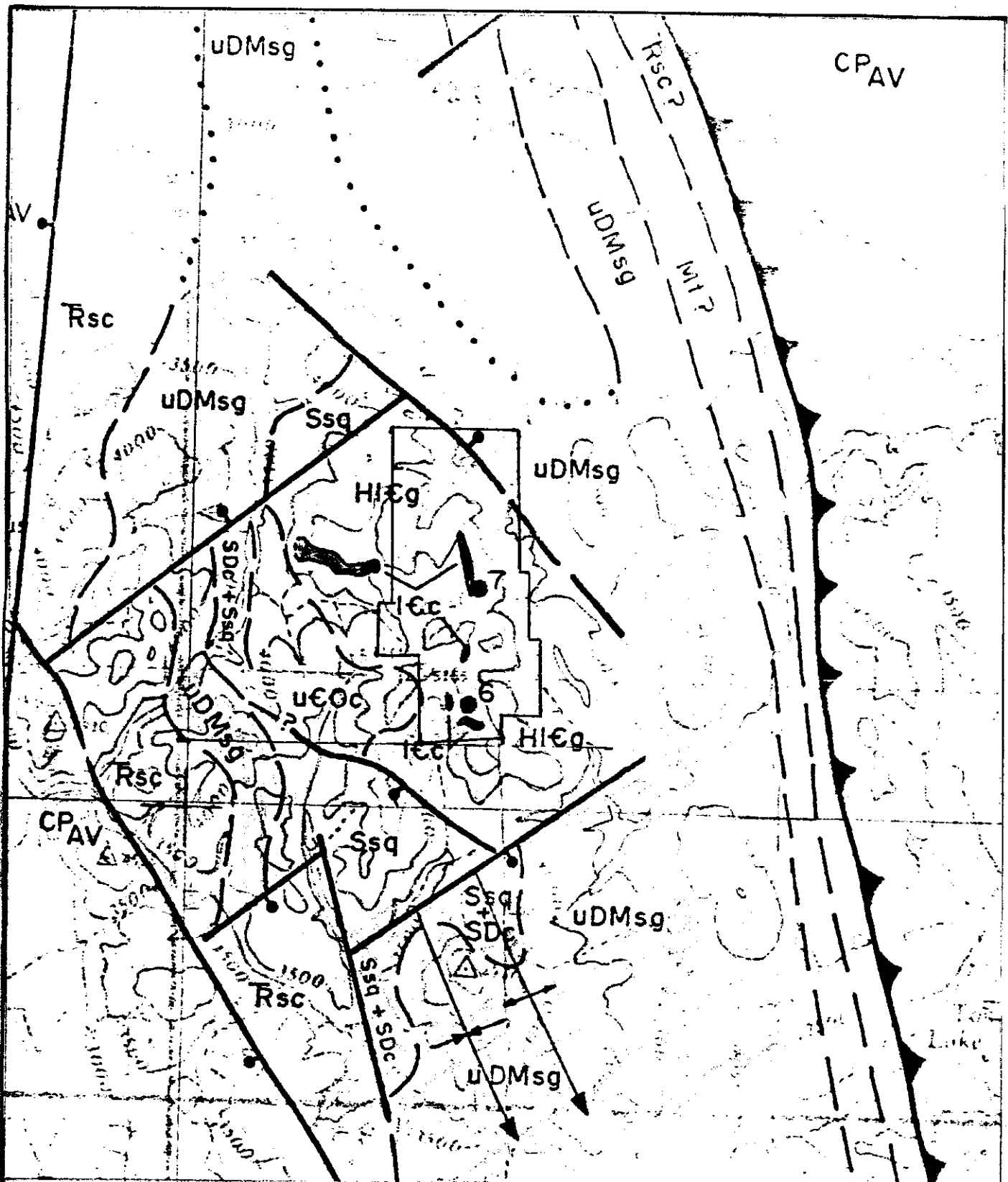


FIGURE No. 4

After Abbott, 1981

CIMA RESOURCES LTD.
REGIONAL GEOLOGY MAP
NTS 105 A 10

Legend

CRETACEOUS

Kqmp Porphyritic biotite quartz monzonite
Kqm Equigranular biotite quartz monzonite

CARBONIFEROUS AND/OR PERMIANANVIL ALLOCHTHONOUS ASSEMBLAGE

CPav Massive, resistant green and grey tuffaceous argillite, grey and white siliceous tuff

TRIASSIC AND OLDER(?)

P7sc Dark brown and grey weathering, calcareous shale, siltstone, silty limestone; may locally include Mt

MISSISSIPPIAN

Mt Recessive, reddish-orange weathering well laminated chert, cherty tuff

MIDDLE (?) AND UPPER DEVONIAN, MISSISSIPPIAN AND YOUNGER (?)

uDMsg Black and rusty weathering shale, siltstone, quartz wacke, chert pebble conglomerate

UPPER SILURIAN (?) AND LOWER DEVONIAN

SDc Dark grey, fetid platy limestone, thick-bedded, buff weathering sandy dolomite; dolomitic quartzite

SILURIAN

Ss Thinly laminated, brown, grey and buff weathering calcareous or dolomitic siltstone, silty dolomite, dolomite

Sq Massive, resistant, blue-grey orthoquartzite

CAMBRIAN AND/OR ORDOVICIAN

uEOc Thinly laminated or nodular calcareous, grey and brown phyllite and silty limestone; alters to thinly laminated green and purple calc-silicate hornfels

uEOs1 Dark grey-brown weathering biotite-muscovite schist

LOWER CAMBRIAN AND OLDER (?)

l6c Massive, blue-grey limestone

HiEs Silver, greenish-grey tuffaceous phyllite, brown and grey micaceous, and/or calcareous phyllite, black quartzose phyllite, minor greenstone; may locally include EOsl and EOcs1

HADRYNIAN AND LOWER CAMBRIAN (?)

"Grit Unit"

HiEg Quartz feldspar grit, slate, massive siliceous limestone, maroon and green slate

... Limit of mapping

— Limit of outcrop and locally derived felsenmeer

≡ Geological boundary (defined, approximate, assumed)

+ So, bedding, tops known (inclined, horizontal), tops unknown (inclined)

+ S1, cleavage, crenulation cleavage; may include S2 (horizontal, inclined, vertical)

— S2, crenulation cleavage

— L1, crenulation axes, intersection of S0/S1, may include L2

— L2, crenulation axes, intersection of S1/S2, minor fold axes

X Syncline, anticline

— Fault (defined, approximate, dot on down thrown side)

⊕ Fossil locality

● Sulphide occurrence

Property Geology

During the 1981 exploration program several sectors of the property were re-mapped - this work confirmed Staniford's (1966) geological findings.

The claim is underlain by Northwest trending Lower Cambrian and older sedimentary sequence of (1) phyllite slate and (2) limestone. Limestone units are discontinuous. These sediments are intruded by minor (3) diorite sills and (4) micro-porphyrific dikes (see Map No. 1).

Unit (1) - Phyllite and Slate

This unit is the most common onto the property. These rocks vary in colour from light brown to black. The main mineralogical components of this unit are: quartz, white mica, chlorite, epidote, actinolite and calcite. This unit is mineralized on the East Zone - South Showing and East of North Showing.

Unit (2) - Limestone

This unit is fine-grained, relatively pure, massive of grey to blue-grey in colour. This unit is highly metamorphic in the Main Zone - North Showing.

Unit (3) - Greenstone

Several sills of coarse-grained, dark green coloured greenstone occur North of South Showing and on the North Showing. Float is common South of the South Showing.

Unit (4) - Micro-Porphyrific Dikes

Several felsic aphanitic dikes have been reported (Staniford, 1966) on the North Showing.

The sedimentary units are locally contact metamorphosed;
(1) phyllite to biotite, (1b) hornfels, limestone to re-crystallized
mottled limestone.

Structure

The bedding have a general direction of strike to the Northwest
and dip to the West.

The principal structures at the South Showing are shown in Map No. 2.
The folding of the beds shows a significant trend. They suggest a
south-westerly plunging anticlinal structure.

Folding is also observed at the North Showing where a thin limestone
bed presents a tightly folded structure, minor folds of similar attitude
are encountered in the surrounding argillite beds.

"Faults cut all units and folds and are the youngest known structures
in the area. All these faults have apparent displacement and orientations
which indicate they are related to arching and uplift centered about
Mt. Hundere". (Abbott, 1977)

Mineralization

R. Kidlark (1980) considered that the sulphide mineralization has
four modes of occurrences;

- 1) galena bearing quartz veins
- 2) sphalerite and galena bearing calcite and quartz veins
- 3) galena and sphalerite bearing skarns
- 4) galena and sphalerite disseminated in phyllite and limestone

It was observed that; sphalerite bearing quartz veins are quite common at the lower North Showing; galena and sphalerite dissemination generally occurs close to mineralized skarns. Vein and disseminated types of mineralization do not appear to be commercial.

Skarn type mineralization occurs on the following locations:
North Showing, North of North Showing, South Showing, East of South Showing and West of South Showing.

SOUTH SHOWING

Location and Topography

The South Showing is located on a Southeast spur of Mt. Hundere and the Main orebody outcrops on a flat part of the ridge from 1419 to 1427 metres elevation. The ridge slopes moderately Northward and Eastward, steeply Westward and is cut on the West side by a narrow steep-sided valley.

Geology and Structure (Map No. 2 in pocket)

Interbedded limestone and phyllite bands strike in a general Northwesterly direction and dip from 25° to 60° Southwest. A thick limestone unit is skarned and altered at both upper and lower contacts with the phyllite. The lower skarn unit is host to the Main orebody while the upper unit contains only sporadic low grade sulphide mineralization.

Movement along two flanking Northeast striking faults has resulted in the development of a large "S" shaped drag fold. The fold is represented by a synform which is centered through the trenched section of the Main Zone and an antiform which is centered West of the Main Zone. The hinge lines trend Southwesterly with a flat to moderate plunge.

Small scale structural data is quite sparse but B1 and B2 folds were noted in the phyllite.

Jointing is close spaced and very prevalent in all lithologic units. Quartz fluorite, quartz, calcite and quartz calcite veins occur along all joint directions.

Close spaced Northwest trending reverse faults with oblique slip displacement cut the central portion of the grid area. Left lateral displacement is minor while down dip displacements up to 20 metres have been noted.

Mineralization

Three zones of mineralization have been defined:

- a) Main Zone, grid location - L4 + 60W to L6 + 30W
- b) West Zone, grid location - L6 + 90W, 0 + 30S to 0 + 60S
- c) East Zone, grid location - L3 + 37W to L4 + 10W

Main Zone

Coarse to medium grained massive and disseminated argentiferous galena and sphalerite occur in a coarse grained actinolite skarn band. All contacts are knife sharp and the skarn band has developed in the limestone near the lower contact with the phyllite unit. Within 15 metres of the skarn unit the limestone has been altered to a coarser slightly recrystallized limestone, (UNIT 2m). Towards the West there is also some brecciation adjacent to the skarn band.

As well as being stratabound the mineralization is structurally controlled by close spaced Northwest striking faults. The mineralization is bounded by the faults and all sulphides are partly oxidized within 10 metres of the faults.

The mineralized zone has a general lens shaped cross section, outcrops along the baseline from L4 + 70W to L5 + 20W and then plunges moderately Northwesterly under a limestone cap. The zone may outcrop again along the hillside at L6 + 60, 0 + 10N.

A lower mineralized skarn outcrop between 4 + 60W and 4 + 80W was intercepted by DDH's S-1, S-2, S-8 and S-11. Mineralization seems to be of a lower degree than the upper skarn, however, the extension of this skarn has not been tested.

West Zone

Lenses of massive sphalerite and galena and disseminated sphalerite and galena occur in a coarse grained actinolite skarn band on L6 + 90W. The band is on the Northwest limb of an antiform and may be related to the skarn band developed at the upper contact with phyllite. Mineralization appears to be low grade and sporadic, however the economic potential has not been adequately tested.

East Zone

This area seems to be located on the centre of an anticlinal. Sedimentary units strike in a general northeasterly direction. Interbedded phyllite and limestone are found in the southern sector of this zone, the limestone unit pitch out towards the North. Diamond drill intersections reveal the existence of two mineralized horizons; an actinolite rich skarn (closer to the surface) and a quartz rich skarn. These mineralized horizons differ from that of the Main Zone in respect that they are associated to phyllite units rather than to contact between limestone and phyllite units.

Limits of the upper mineralized horizon, intersected by DDH Nos. S-4, S-5, S-34, S-36, S-53, S-55, S-61 and possibly by S-54, are well defined.

Limits of the lower mineralized horizon, intersected by DDH Nos. S-35, S-53(?), S-54, S-61 and S-62, are not quite well defined; mineralization is only marginal on S-53 and S-62, and DDH Nos. S-34, S-35, S-36, S-37 and S-61 were not deep enough to evaluate the thickness of this horizon. Drilling delimited South and East boundaries. A possible

extension of this horizon in a NW direction must be investigated.

Mineralized intersections found in DDH No. S-62 do not have stratigraphic relation with the above mentioned; further drilling North is necessary to investigate these mineralized horizons.

WEST SHOWING

Location and Topography

The West Showing is located along the west-facing slope, west of the South Showing. A bulldozer trench intercepted a mineralized band 80 metres long and 2 metres wide at 1430 metres elevation.

Geology and Structure (Map No. 3 in pocket)

Interbedded limestone and phyllite bands strike in a general Northerly direction and dip 40° - 70° West. The limestone unit seems to be located on the upper sector of a N-S fold. Diamond drill holes did not intersect this unit to depth. Mineralization is located on the upper contact of the limestone with a phyllite unit.

Mineralization

The zone of mineralization is located between 18 + 00S and 18 + 80S. Mineralization consists of coarse to medium grained galena and sphalerite in a medium grained actinolite skarn that pitch out to depth. This zone is bounded northwards by a fault. Diamond drilling in this area suggests that this narrow mineralized band lacks economic value.

NORTH SHOWING

Location and Topography

The North Showing is located about the eastern extremity of the NE spur of Mt. Hundere. Sulphides outcrop near the crest of that spur at 1470 metres elevation. Below the rounded peak, slopes fall away steeply North and South of the showing.

Geology and Structure (Map No. 4 in pocket)

Interbedded limestone and phyllite bands strike in a general Northerly direction and the bedding dips steeply westward or vertically.

The orebody at the North Showing consists of galena - sphalerite replacements in narrow limestone beds interbedded with phyllite. Ore is concentrated in troughs of small northerly-plunging folds. Dawson (1964) observed from the trenches on this sector that the apparent several limestone beds correspond to a highly contoured unit which is enclosed by steeply dipping phyllite beds.

Mineralization

Mineralization is located between 11 + 80N and 12 + 40N and has the form of four contoured mineralized bands. Mineralization consists of heavily oxidized galena and sphalerite.

MINERAL RESERVESSouth Showing - Main Zone

The 1979 drill program blocked out 66,442 tonnes of Proven Reserves grading 15.6% Pb, 18.9% Zn and 2.36 oz./T Ag in a section from L4 + 60W to L5 + 25W. The 1980 drill program extended the zone westward from L5 + 25W to L6 + 30W and blocked out 59,486 tonnes of Proven Reserves, averaging 12.6% Pb, 13.8% Zn and 2.32 oz./T Ag.

An additional possible reserve of 50,000 tonnes of similar grade was estimated in the extension from L6 + 30W to 6 + 60W.

South Showing - East Zone

The 1980 drill program (using an overvalue specific gravity of 3.8 for the East Zone) blocked out 122,462 tonnes averaging 6.38% Pb, 7.10% Zn and 3.14 oz./T Ag in a section from L3 + 45W to L4 + 20W.

The 1981 drill program directed to investigate high silver results found the previous year confirmed and increased ore reserves as follows:-

<u>Block</u>	<u>Tonnes</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Total % Pb & Zn</u>	<u>Oz./T Ag</u>	<u>Pb/Zn</u>
3+37W	10,131	2.46	3.18	5.64	4.38	0.77
3+57W (U)	24,948	6.65	3.29	9.94	5.34	2.02
3+57W (L)	8,505	10.71	.85	11.56	36.18	12.60
3+77W (U)	23,607	8.58	5.99	14.57	3.15	1.43
3+77W (L)	18,668	3.01	7.62	10.63	3.55	0.40
3+77W(1400L)	4,405	5.04	8.68	13.72	1.76	0.58
3+77W(1390L)	8,915	8.52	8.10	16.62	1.37	1.05
3+95W	26,680	5.72	8.73	14.45	2.36	0.66
4+10W	11,415	8.08	10.34	18.42	1.52	0.78
TOTAL	137,274					
AVERAGES		6.44	6.31	12.75	5.29	

SPECIFIC GRAVITY = 3.23

All calculations and data are presented in Appendix A. Within this section, high silver tonnage was estimated on 43,950 tonnes averaging 7.00% Pb, 4.59% Zn and 13.46 oz./T Ag, considering a specific gravity of 3.21 (see Appendix B).

BULLDOZER TRENCHING PROGRAM

The objective of this program was to investigate the origin of geochemically anomalous areas identified during the 1980 Exploration Program and to clean East Zone (South Showing) trenches and North Showing trenches.

A D-6-B bulldozer was used to clean trenches for a total of 33 hours. The trenching of geochemically anomalous zone was made by a D-8 bulldozer for a total of 55 hours. Most of the trenching was made on the West Showing and West of the North Showing.

Trenching on the West Showing exposed minor mineralized bands associated with a limestone unit. Posterior diamond drilling, to intersect the down dip portion of the mineralized area, proved to be blank with little evidence of lead-zinc mineralization, showing that this showing lacked depth.

Trenching West of the North Showing did not intersect mineralization, leaving geochemically anomalous areas unexplained.

GEOCHEMICAL SURVEY

Soil samples were collected from 3 + 60W to 2 + 00W between Baseline and 2 + 00S (South Showing grid) and along lines 22 + 00S, 20 + 00S and 15 + 00N (Regional grid). Distance from samples varied between 20 and 40 metres. A shovel was used to collect the samples from the top of the B soil horizon.

A total of 137 samples were collected and analyzed by Rossbacher Labs for Pb, Zn and Ag.

All the samples were collected above the tree line; soil development above the tree line is immature and profiles consist mostly of tundra soils lying above a permafrost layer.

Discussion of Results

Soil sample sites and results are plotted in Figure No. 5 and Assay certificates are included in Appendix G.

Threshold values used to evaluate anomalies were:

<u>Element</u>	<u>Threshold Value (ppm)</u>
Pb	75.0
Zn	150.0
Ag	1.0

From Figure No. 6 we can observe that a significant anomalous area occurs between baseline and 0 + 80S. This area seems to extend further East.

This area is cut by an old trench almost coinciding with a NW striking fault. This trench intersects some minor mineralization on its eastern end. No mineralization is found on the sector that the trench cut this

anomalous area, but DDH Nos. S-53 and S-55 intersect high silver values (and minor Pb, Zn mineralization) close to the surface suggesting a possible NE extension of the East Zone orebody. Further geochemical soil sampling is recommended on this area to estimate extension of this anomalous area.

Geochemical samples along lines 22 + 00S, 20 + 00S and 15 + 00N did not detect significant anomalies.

3+60W		3+20W		2+80W		2+40W		2+00W
† TA	† TA	† 26	† TA	† 45	† 71	† 46	† 62	† 58 0+00
† TA	† 8	† 25	† 29	† 44	† TA	† 47	† 59	† 57
† TA	† 9	† 24	† TA	† TA	† TA	† TA	† 60	† 56 0+40 S
† 1	† 10	† 23	† 30	† TA	† 70	† 48	† 61	† 55
† 2	† 11	† 22	† 31	† 43	† 69	† 49	† TA	† 54 0+80 S
† 3	† 12	† 21	† 32	† 42	† TA	† TA	† TA	† 53
† 4	† TA	† 20	† 33	† 41	† 68	† TA	† TA	† TA 1+20 S
† 5	† 13	† 19	† 34	† 40	† 67	† TA	† TA	† TA
† 6	† 14	† 18	† 35	† 39	† 66	† TA	† TA	† TA 1+60 S
† 7	† 15	† TA	† 36	† 38	† 65	† 50	† TA	† TA
† TA	† 16	† 17	† TA	† 37	† 64	† 51	† 63	† 52 2+00 S

Figure No. 5

GEOCHEMICAL SURVEY
 MOUNT HUNDERE PROJECT
 SAMPLE LOCATION
 SCALE 1:1000

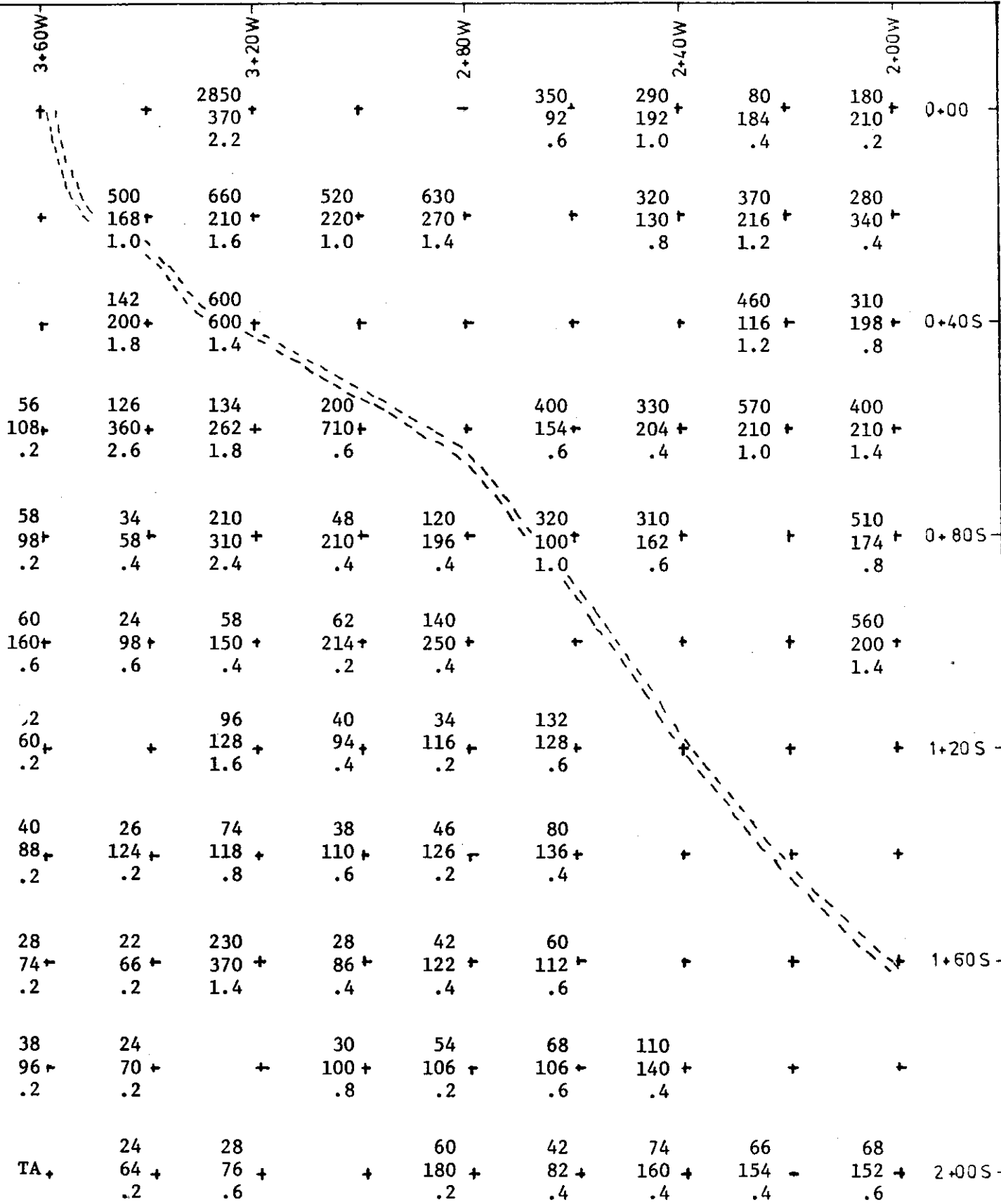


Figure No. 6

GEOCHEMICAL SURVEY
 MOUNT HUNDERE PROJECT
 SAMPLE RESULTS
 SCALE 1:1000

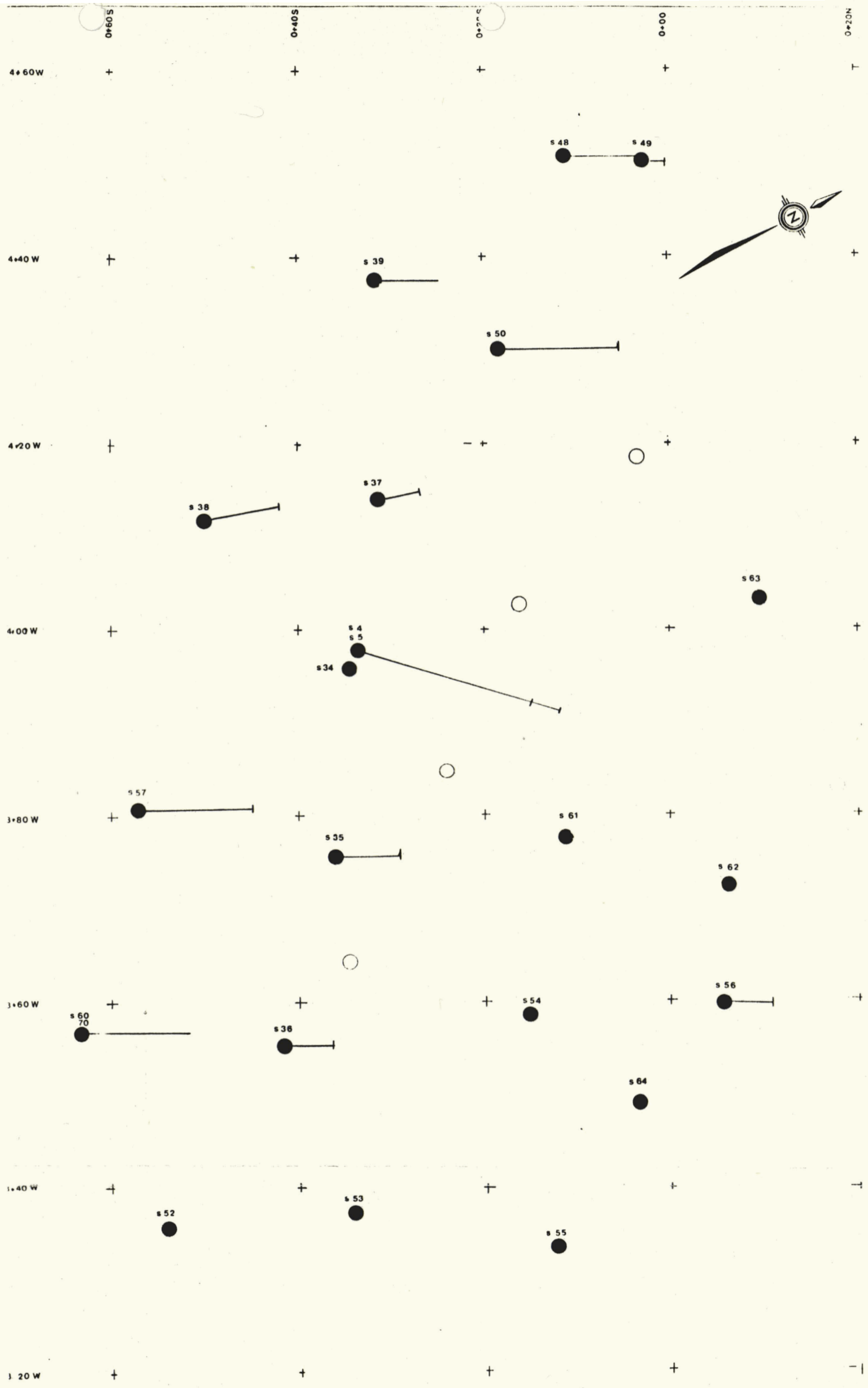


FIGURE 7

CIMA RESOURCES LTD.
PROPOSED DDH PROGRAM
MOUNT HUNDERE PROJECT
SCALE 1:400

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STATEMENT OF QUALIFICATIONS

Name: Ruben Idamor Corvalan

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Education: University of Chile; Awarded P.Eng. (Mining) 1965
Postgraduate course in Economics at Simon Fraser
University, B.C. 1978-79.

Experience:

April 1980 to present	- Mining Engineer, Cima Resources Limited
1978 to January 1980	- Teaching Assistant, Simon Fraser University
1975 to 1977	- Researcher, Canamex Holding Limited
1970 to 1974	- Metallurgical Engineer, Empresa Nacional de de Minería, Chile
1966 to 1970	- Exploration and Development Engineer, Chile

EAST ZONEAVERAGE GRADE CALCULATIONSTONNAGE BLOCKS

BLOCK	TONNAGE	% Pb	% Zn	Oz./T Ag	SPECIFIC GRAVITY
3 + 37W	10,131	2.46	3.18	4.38	
3 + 57W (U)	24,948	6.65	3.29	5.34	
(L)	8,505	10.71	.85	36.18	
3 + 77W (U)	23,607	8.58	5.99	3.15	
(L)	18,668	3.01	7.62	3.55	
1400 LEVEL	4,405	5.04	8.68	1.76	
1390 LEVEL	8,915	8.52	8.10	1.37	
3 + 95W	26,680	5.72	8.73	2.36	
4 + 10W	11,415	8.08	10.34	1.52	
AVERAGE GRADE		6.44	6.31	5.29	3.23
TONNES	137,274				

U = UPPER SKARN

L = LOWER SKARN

EAST ZONETONNAGE CALCULATIONS

SECTION	AREA	INFLUENCE (m)	VOLUME (m ₃)	SPECIFIC GRAVITY	TONNAGE
S-3 + 37W					
S-55	5.25 x 20.9	20	2194.50		
S-53	3.05 x 20.9	20	1274.90		
			3469.40	2.92	10,131
3 + 57W					
UPPER SKARN	396	20	7920.00	3.15	24,948
LOWER SKARN	8.54 x 15.0	20	2562.00	3.32	8,505
3 + 77W					
UPPER SKARN	372	19	7068.00	3.34	23,607
LOWER SKARN	319	19	6061.00	3.08	18,668
1400 LEVEL	3.60 x 20	19	1368.00	3.22	4,405
1390 LEVEL	6.90 x 20	19	2622.00	3.40	8,915

EAST ZONEAVERAGE GRADE CROSS SECTIONS

SECTION	WIDTH (m)	% Pb	% Zn	Oz./T. Ag	SPECIFIC GRAVITY
3 + 37W					
S-55	5.25	1.42	2.54	5.08	
S-53	3.05	4.25	4.27	3.17	
AVERAGE		2.46	3.18	4.38	2.92
3 + 57W	(UPPER)				
TRENCH	19.70	5.90	2.60	3.50	
S-36	4.88	9.16	6.12	14.60	
S-70	2.75	7.56	3.24	2.10	3.15
AVERAGE		6.65	3.29	5.34	
3 + 57W	(LOWER)				
S-54	8.54	10.71	.85	36.18	3.32

EAST ZONEAVERAGE GRADE CROSS SECTIONS

SECTION	WIDTH (m)	% Pb	% Zn	Oz./T Ag	SPECIFIC GRAVITY
3 + 77W	(UPPER)				
TRENCH (62)	21.03	12.50	6.50	2.54	
(63)	18.29	3.40	4.70	1.70	
AVERAGE		8.35	5.71	2.17	
S-61	6.55	13.79	2.67	6.10	
S-35	7.74	4.65	8.59	2.73	
TRENCH	16.50	8.35	5.71	2.17	
		8.58	5.99	3.15	3.34
3 + 77W	(LOWER)				
S-61	4.88	4.46	4.90	1.27	
S-35	10.06	2.31	8.94	4.65	
		3.01	7.62	3.55	3.08

EAST ZONEAVERAGE GRADE CROSS SECTIONS

SECTION	WIDTH (m)	% Pb	% Zn	Oz./T Ag	SPECIFIC GRAVITY
3 + 77W					
1400 LEVEL	3.60	5.04	8.68	1.76	3.22
1390 LEVEL	6.90	8.52	8.10	1.37	3.40
3 + 95 W					
TRENCH					
1962	10.36	21.80	7.70	5.50	
1963	38.10	7.20	5.10	2.26	
AVERAGE		10.32	5.66	2.95	
TRENCH	16.40	10.32	5.66	2.95	
S-4	18.30	3.98	8.40	2.50	
S-5	15.25	4.70	12.58	1.91	
S-34	10.67	3.08	8.50	1.87	
AVERAGE		5.72	8.73	2.36	3.26

SECTION	AREA	INFLUENCE	VOLUME	SPECIFIC GRAVITY	TONNES
S-3 + 37W					
S-55	2.01 x 20.9	20	840.2	2.89	2428.2
S-53	1.81 x 20.9	20	756.6	3.18	2406.0
S-3 + 57W					
S-64	4.71 x 22.5	15	1589.6	2.90	4609.8
S-36	4.88 x 20.0	20	1952.0	3.38	6597.8
S-54	8.54 x 15.0	20	2562.0	3.32	8505.8
S-3 + 77W					
S-35	10.06 x 20.0	20	4024.0	3.08	12449.4
S-61	6.55 x 15.0	20	1965.0	3.54	6956.1
TOTAL					43953.1

DIAMOND DRILL HOLE AVERAGES

DDH: S-54

Dip at Collar: -90°

Section: 3 + 58.5W

Elevation: 1427.22 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24989	8.55	8.85	0.30	0.40	0.12	4.40	1.32	0.70	0.21
24990	8.85	9.56	<u>0.71</u>	0.30	<u>0.21</u>	5.80	<u>4.12</u>	0.80	<u>0.57</u>
TOTAL			<u>1.01</u>		0.33		5.44		0.78
WEIGHTED AVERAGES					<u>0.33</u>		<u>5.39</u>		<u>0.77</u>
24991	20.76	20.92	0.16	0.62	0.10	2.26	0.36	3.20	0.51
24992	20.92	22.22	1.30	1.54	2.00	0.28	0.36	3.50	4.55
24993	22.22	22.93	0.71	1.80	1.28	0.94	0.67	4.40	3.12
TOTAL			<u>2.17</u>		<u>3.38</u>		<u>1.39</u>		<u>8.18</u>
WEIGHTED AVERAGES					<u>1.56</u>		<u>0.64</u>		<u>3.77</u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-54

Dip at Collar: -90°

Section: 3 + 58.5W

Elevation: 1427.22 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24994	22.93	24.06	1.13	55.4	62.60	0.32	0.36	206.00	232.78
24995	24.06	24.45	<u>0.39</u>	35.5	<u>13.85</u>	0.70	<u>0.27</u>	92.00	<u>35.88</u>
TOTAL			<u>1.52</u>		76.45		0.63		268.66
WEIGHTED AVERAGES					<u>50.30</u>		<u>0.42</u>		<u>176.75</u>
24996	24.45	24.80	0.35	7.5	2.63	1.36	0.48	17.2	6.02
24997	24.80	26.26	1.46	2.1	3.07	2.30	3.36	8.1	11.83
24998	26.26	26.69	0.43	2.5	1.08	2.10	0.90	5.2	2.24
24999	26.69	27.59	0.90	3.5	3.15	0.30	0.27	8.4	7.56
25000	27.59	29.30	<u>1.71</u>	1.0	<u>1.71</u>	0.10	<u>0.17</u>	2.6	<u>4.45</u>
TOTAL			<u>4.85</u>		11.64		5.18		32.10
WEIGHTED AVERAGES					<u>2.40</u>		<u>1.07</u>		<u>6.62</u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-54

Dip at Collar: -90°

Section: 3 + 58.5W

Elevation: 1427.22 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
	20.76	22.93	2.17	1.56	3.39	0.64	1.39	3.77	8.18
	22.93	24.45	1.52	50.30	76.46	0.42	0.64	176.75	268.66
	24.45	29.30	<u>4.85</u>	2.40	<u>11.64</u>	1.07	<u>5.19</u>	6.62	<u>32.11</u>
TOTAL			<u>8.54</u>		91.49		7.22		308.95
WEIGHTED AVERAGES					<u>10.71</u>		<u>0.85</u>		<u>36.18</u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-55

Dip at Collar: -90°

Section: L 3 + 32.2W

Elevation: 1421.1 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24956	4.50	4.70	0.20	0.38	.076	2.60	0.52	1.54	0.31
24957	4.70	6.71	2.01	2.46	4.95	1.96	3.94	9.00	18.09
24958	6.71	8.23	1.52	1.20	1.82	3.00	4.56	2.80	4.26
24959	8.23	9.75	1.52	0.40	0.61	2.84	4.32	2.64	4.01
TOTAL			<u>5.25</u>		<u>7.46</u>		<u>13.34</u>		<u>26.67</u>
			<u><u> </u></u>						
WEIGHTED AVERAGES					<u>1.42</u>		<u>2.54</u>		<u>5.08</u>
					<u><u> </u></u>		<u><u> </u></u>		<u><u> </u></u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-57

Dip at Collar: -80°

Section: L 3 - 80.5W

Elevation: 1445 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24933	53.45	55.94	2.49	0.02	.05	2.02	5.03	0.14	0.35
24934	55.94	57.00	1.06	0.20	.21	5.14	5.45	0.46	0.49
24935	57.00	58.80	1.80	0.21	.38	4.24	7.63	0.40	0.72
24936	58.80	59.70	0.90	0.30	.27	3.02	2.72	0.24	0.22
24937	59.70	60.80	1.10	0.52	.57	4.30	4.73	0.30	0.33
24938	60.80	62.79	1.99	0.70	1.39	2.02	4.02	0.42	0.84
TOTAL			<u>9.34</u>		<u>2.87</u>		<u>29.58</u>		<u>2.95</u>
WEIGHTED AVERAGES					<u>0.31</u>		<u>3.17</u>		<u>0.32</u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-61

Dip at Collar: -90°

Section: L3 + 77.2W

Elevation: 1430.1 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24939	3.21	9.15	5.94	15.2	90.29	2.60	15.44	6.40	38.02
24940	9.15	9.76	0.61	0.06	.04	3.36	2.05	3.16	1.93
TOTAL			<u>6.55</u>		<u>90.33</u>		<u>17.49</u>		<u>39.95</u>
WEIGHTED AVERAGES					<u>13.79</u>		<u>2.67</u>		<u>6.10</u>
24941	19.35	20.13	0.78	0.07	.06	1.78	1.39	0.14	.11
24942	20.13	21.96	1.83	0.18	.33	0.30	.55	0.14	.26
24943	21.96	23.49	<u>1.53</u>	0.46	<u>.70</u>	1.34	<u>2.05</u>	0.50	<u>.77</u>
TOTAL			<u>4.14</u>		<u>1.09</u>		<u>3.99</u>		<u>1.14</u>
WEIGHTED AVERAGES					<u>0.30</u>		<u>0.96</u>		<u>0.28</u>
24944	23.49	25.01	1.52	7.80	11.86	5.06	7.69	1.24	1.89
24945	25.01	26.54	1.53	3.26	4.99	4.20	6.43	1.04	1.59
24946	26.54	28.06	1.52	2.96	4.50	4.76	7.24	1.44	2.19
24947	28.06	28.37	0.31	1.38	0.43	8.20	2.54	1.70	0.53
TOTAL			<u>4.88</u>		<u>21.78</u>		<u>23.90</u>		<u>6.20</u>
WEIGHTED AVERAGES					<u>4.46</u>		<u>4.90</u>		<u>1.27</u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-62

Dip at Collar: -90°

Section: 3 + 72W

Elevation: 1423 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24949	4.88	6.70	1.82	1.34	2.44	5.90	10.74	0.58	1.06
24950	6.70	8.08	1.38	1.90	2.62	5.06	6.98	1.54	2.13
TOTAL			<u>3.20</u>		<u>5.06</u>		<u>17.72</u>		<u>3.19</u>
WEIGHTED AVERAGES					<u>1.58</u>		<u>5.54</u>		<u>1.00</u>
					<u>=====</u>		<u>=====</u>		<u>=====</u>
24577	10.47	12.19	1.72	0.23	0.40	5.24	9.01	0.28	0.48
24578	12.19	14.70	2.51	0.36	0.90	1.56	3.92	0.40	1.00
24579	14.70	16.00	1.30	0.02	0.03	3.34	4.34	0.04	0.05
TOTAL			<u>5.53</u>		<u>1.33</u>		<u>17.27</u>		<u>1.53</u>
WEIGHTED AVERAGES					<u>0.24</u>		<u>3.12</u>		<u>0.28</u>
					<u>=====</u>		<u>=====</u>		<u>=====</u>
24584	29.1	32.5	3.40	7.40	25.16	7.92	26.93	1.26	4.28
24585	32.5	34.7	2.20	9.20	20.24	8.78	19.32	1.50	3.30
24586	34.7	36.0	1.30	10.30	13.39	7.40	9.62	1.46	1.90
TOTAL			<u>6.90</u>		<u>58.79</u>		<u>55.87</u>		<u>9.48</u>

WEIGHTED AVERAGES

8.52

8.10

1.37

DIAMOND DRILL HOLE AVERAGES

DDH: S-62

Dip at Collar: -90°

Section: 3 + 72W

Elevation: 1423 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24590(?)	44.8	49.4	4.60	0.40	1.84	0.70	3.22	1.00	4.60
24591	49.4	50.4	1.00	1.08	1.08	0.34	0.34	1.98	1.98
TOTAL			<u>5.60</u>		<u>2.92</u>		<u>3.56</u>		<u>6.58</u>
			<u><u> </u></u>						
WEIGHTED AVERAGES					<u>0.52</u>		<u>0.64</u>		<u>1.18</u>
					<u><u> </u></u>		<u><u> </u></u>		<u><u> </u></u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-64

Dip at Collar: -90°

Section: 3 + 49W

Elevation: 1425 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24606	3.35	5.08	1.73	4.92	8.51	1.66	2.87	21.20	36.68
24607	5.08	5.88	0.80	3.90	3.12	2.18	1.74	17.20	13.76
TOTAL			<u>2.53</u>		<u>11.63</u>		<u>4.61</u>		<u>50.44</u>
WEIGHTED AVERAGES					<u>4.60</u>		<u>1.82</u>		<u>19.94</u>
24605	2.29	3.35	1.06	0.46	0.49	1.30	1.38	1.20	1.27
--	3.35	5.88	2.53	4.60	11.64	1.82	4.61	19.94	50.45
24608	5.88	7.00	<u>1.12</u>	0.38	<u>0.43</u>	2.32	<u>2.60</u>	2.00	<u>2.24</u>
TOTAL			<u>4.71</u>		<u>12.56</u>		<u>8.59</u>		<u>53.96</u>
WEIGHTED AVERAGES					<u>2.67</u>		<u>1.82</u>		<u>11.46</u>

DIAMOND DRILL HOLE AVERAGES

DDH: S-69

Dip at Collar: -50°

Section: 2 + 00E

Elevation: 1479 m.

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	ASSAY % Pb	WIDTH X ASSAY	ASSAY % Zn	WIDTH X ASSAY	ASSAY oz/Ag	WIDTH X ASSAY
24960	16.0	16.6	0.60	11.0	6.60	24.8	14.88	0.80	0.48
24961	16.6	17.5	0.90	5.80	5.22	8.00	7.20	0.90	0.81
TOTAL			<u>1.50</u>		<u>11.82</u>		<u>22.08</u>		<u>1.29</u>
WEIGHTED AVERAGES					<u>7.88</u>		<u>14.72</u>		<u>0.86</u>

NORTH SHOWING

INFERRED SAMPLE VALUES

(AT 12 + 17N)

LOCATION	WIDTH	DISTANCE FROM 12+17N	INFLUENCE	% Pb	% Zn	Oz./T Ag	
12 + 11N	4.5	6	1	7.24	11.31	1.03	
12 + 20N	2.7	3	2	4.73	10.08	0.59	
WIDTH FROM PLAN #	1.9						
AVERAGE				5.87	10.64	0.79	
12 + 11N	4.1	6	1	5.22	12.80	0.91	
12 + 20N	6.3	3	2	8.20	7.49	0.71	
WIDTH FROM PLAN #	5.0						
AVERAGE				7.48	8.77	0.78	

NORTH SHOWING

AVERAGE SAMPLES

LOCATION 12 + 00N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24970	2 + 12E	2 + 14E	2.00	6.50	9.96	0.92	
24971	2 + 14E	2 + 15E	1.00	5.20	4.30	0.44	
24972	2 + 15E	2 + 16E	1.00	8.10	9.70	1.02	
TOTAL			4.00				
AVERAGE				6.58	8.48	0.83	
24903	2 + 23.6E	2 + 25E	1.40	7.10	8.60	0.66	

NORTH SHOWING

AVERAGE SAMPLES

LOCATION 12 + 11N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24891	2 + 12.2E	2 + 14.1E	1.9	7.70	15.2	1.10	
24892	2 + 14.1E	2 + 16.7E	2.6	6.90	8.46	0.98	
TOTAL			4.5				
AVERAGE				7.24	11.31	1.03	
24895	2 + 23E	2 + 24E	1.0	8.70	18.4	0.96	
24896	2 + 24E	2 + 27.1E	3.1	4.10	11.0	0.90	
TOTAL			4.1				
AVERAGE				5.22	12.80	0.91	

NORTH SHOWING

AVERAGE SAMPLES

LOCATION 12 + 20N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24911	2 + 10.7E	2 + 11.3E	0.60	12.10	9.68	1.10	
24912	2 + 11.3E	2 + 12.7E	1.40	3.90	11.60	0.60	
24910	2 + 10E	2 + 10.7E	0.70	0.08	7.40	0.12	
TOTAL			2.70				
AVERAGE				4.73	10.08	0.59	
24916	2 + 16E	2 + 17E	1.00	15.90	2.90	1.60	
24920	2 + 22.7E	2 + 28E	5.30	9.30	7.70	0.80	
24921	2 + 28E	2 + 29E	1.00	2.40	6.40	0.26	
TOTAL			6.30				
AVERAGE				8.20	7.49	0.71	

TRENCH SAMPLES

NORTH SHOWING

LOCATION 12 + 00N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24967	2 + 00E	2 + 06.5E	1.5	0.02	0.12	0.02	
24968	2 + 08E	2 + 10.5E	2.5	7.60	6.56	0.76	
24969	2 + 10.5E	2 + 12E	1.5	0.74	3.80	0.20	
24970	2 + 12E	2 + 14E	2.0	6.50	9.96	0.92	
24971	2 + 14E	2 + 15E	1.0	5.20	4.30	0.44	
24972	2 + 15E	2 + 16E	1.0	8.10	9.70	1.02	
24973	2 + 16E	2 + 18E	2.0	0.32	0.76	0.04	
24974	2 + 18E	2 + 20E	2.0	5.52	5.19	0.62	
24975	2 + 20E	2 + 20.4E	0.4	0.08	0.40	0.02	
24902	2 + 20.4E	2 + 23.6E	3.2	0.10	0.68	0.02	
24903	2 + 23.6E	2 + 25E	1.4	7.10	8.60	0.66	
24904	2 + 25E	2 + 26E	1.0	0.02	0.08	0.02	

TRENCH SAMPLES

NORTH SHOWING

LOCATION 2 + 11N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24885	2 + 05E	2 + 06E	1.0	0.02	0.08	0.04	
24886	2 + 06E	2 + 08E	2.0	0.40	2.10	0.24	
24887	2 + 08	2 + 08.8E	0.8	1.86	5.66	0.46	
24888	2 + 08.8E	2 + 09.5E	0.7	0.30	0.94	0.06	
24889	2 + 09.5E	2 + 11.1E	1.6	3.20	12.60	1.10	
24890	2 + 11.1E	2 + 12.2E	1.1	0.20	0.82	0.02	
24891	2 + 12.2E	2 + 14.1E	1.9	7.70	15.20	1.10	
24892	2 + 14.1E	2 + 16.7E	2.6	6.90	8.46	0.98	
24893	2 + 16.7E	2 + 21.7E	5.0	1.00	1.54	0.18	
24894	2 + 21.7E	2 + 23E	1.3	0.14	1.40	0.02	
24895	2 + 23E	2 + 24E	1.0	8.70	18.40	0.96	
24896	2 + 24E	2 + 27.1E	3.1	4.10	11.00	0.98	
24897	2 + 27.1E	2 + 28.0E	0.9	0.30	0.74	0.02	

TRENCH SAMPLES

NORTH SHOWING

LOCATION 12 + 20N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24901	2 + 00E	2 + 03E	3.0	0.14	0.30	0.02	
24905	2 + 03E	2 + 05E	2.0	0.02	0.16	0.02	
24906	2 + 05E	2 + 06.5E	1.5	0.02	0.08	0.02	
24907	2 + 06.5E	2 + 07.5E	1.0	0.02	0.04	0.02	
24908	2 + 07.5E	2 + 08.3E	0.8	0.02	0.56	0.02	
24909	2 + 08.3E	2 + 10E	1.7	0.02	0.18	0.02	
24910	2 + 10E	2 + 10.7E	0.7	0.08	7.40	0.12	
24911	2 + 10.7E	2 + 11.3E	0.6	12.10	9.68	1.10	
24912	2 + 11.3E	2 + 12.7E	1.4	3.90	11.60	0.60	
24913	2 + 12.7E	2 + 13.6E	0.9	1.10	2.20	0.12	
24914	2 + 13.6E	2 + 14.8E	1.2	4.06	11.00	0.62	
24915	2 + 14.8E	2 + 16E	1.2	1.50	1.22	0.24	
24916	2 + 16E	2 + 17E	1.0	15.90	2.90	1.60	
24917	2 + 17E	2 + 19.5E	2.5	0.68	2.60	0.16	

TRENCH SAMPLES

NORTH SHOWING

LOCATION 12 + 20N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24918	2 + 19.5E	2 + 20E	0.5	2.80	12.60	0.60	
24919	2 + 20E	2 + 22.7E	2.7	0.08	0.48	0.02	
24920	2 + 22.7E	2 + 28E	5.3	9.30	7.70	0.80	
24921	2 + 28E	2 + 29E	1.0	2.40	6.40	0.26	

TRENCH SAMPLES

NORTH SHOWING

LOCATION 12 + 21N

SAMPLE NUMBER	FROM METRES	TO METRES	WIDTH METRES	% Pb	% Zn	Oz./T Ag	
24876	2 + 05.0E	2 + 07.5E	2.5	0.02	0.02	0.02	
24877	2 + 07.5E	2 + 08.3E	0.8	0.18	0.18	0.06	
24878	2 + 08.3E	2 + 09.5E	1.2	0.02	0.08	0.02	
24879	2 + 09.5E	2 + 10.4E	0.9	0.02	0.02	0.02	
24880	2 + 10.4E	2 + 11.1E	0.7	0.14	0.22	0.02	
24881	2 + 11.1E	2 + 12E	0.9	0.02	0.12	0.04	
24882	2 + 12E	2 + 15.2E	3.2	6.10	7.46	0.40	
24883	2 + 15.2E	2 + 15.9E	0.7	6.00	2.80	0.32	
24884	2 + 15.9E	2 + 17E	1.1	0.26	0.16	0.06	

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910
AREA CODE: 604

APPENDIX F

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CERTIFICATE OF ANALYSIS

TO: CIMA RESOURCES LTD.
905 - 355 BURNARD ST.
VANCOUVER, B.C. V6C 2G8

CERTIFICATE NO. 81230-1
INVOICE NO. 1327
DATE RECEIVED
DATE ANALYSED July 31, 1981.

ATTN:

SAMPLE NO.:	%	%	oz/t
	Pb	Zn	Ag
24926	0.16	0.02	0.44
24927	1.66	3.38	1.36
24928	2.32	31.6	0.60
24929	2.02	4.36	2.72
24930	0.24	1.86	0.28
24931	0.04	0.24	0.06
24932	0.03	1.76	0.04
24933	0.02	2.02	0.14
24934	0.20	5.14	0.46
24935	0.21	4.24	0.40
24936	0.30	3.02	0.24
24937	0.52	4.30	0.30
24938	0.70	2.02	0.42
24939	15.2	2.60	6.40
24940	0.06	3.36	3.16
24941	0.07	1.78	0.14
24942	0.18	0.30	0.14
24943	0.46	1.34	0.50
24944	7.80	5.06	1.24
24945	3.26	4.20	1.04
24946	2.96	4.76	1.44
24947	1.38	8.20	1.70
24948	0.30	0.92	0.12
24949	1.34	5.90	0.58
24950	1.90	5.06	1.54
24956	0.38	2.60	1.54
24957	2.46	1.96	9.00
24958	1.20	3.00	2.80
24959	0.40	2.84	2.64
24536	17.0	11.6	2.54
24537	16.9	1.24	3.74
24538	1.88	1.84	0.90
24539	13.8	17.3	1.16
24540	1.52	0.98	0.52
24541	19.6	11.4	1.98
24542	16.1	12.8	1.74
24543	22.2	7.80	1.98
24576	0.03	2.42	0.02
24577	0.23	5.24	0.28

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GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910
AREA CODE: 604

APPENDIX F

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CERTIFICATE OF ANALYSIS

TO: C.I.M. RESOURCES LTD.
905-355 Burrard St.
Vancouver, B.C.

CERTIFICATE NO. 51130-2

INVOICE NO. 1327

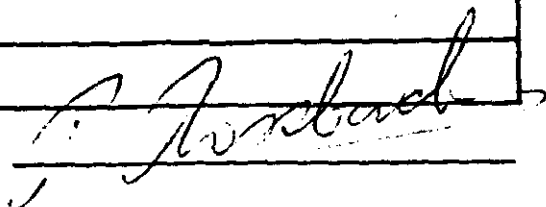
DATE RECEIVED

DATE ANALYSED July 31, 1981

ATTN:

SAMPLE NO.:	%			oz/£
	Pb	Zn	Ag	
24573	0.36	1.56	0.40	
24579	0.02	3.34	0.04	
24580	0.02	2.70	0.16	
24581	0.02	0.62	0.02	
24582	0.02	1.02	0.10	
24583	5.04	0.63	1.76	
24584	7.40	7.02	1.26	
24585	9.20	3.70	1.50	
24586	10.3	7.40	1.46	
24587	2.3	11.4	0.60	
24588	0.92	2.94	0.70	
24589	0.16	0.76	0.36	
24590	0.40	0.70	1.00	
591	1.08	0.34	1.98	
24592	0.10	0.34	0.12	
24593	0.26	0.13	0.64	
24594	0.04	1.36	0.12	
24595	0.02	0.90	0.06	
24596	0.02	0.04	0.10	
24597	0.02	0.14	0.02	
24598	0.02	0.14	0.04	

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GEOCHEMICAL ANALYSTS & ASSAYERS

2226 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910
AREA CODE: 604

APPENDIX F

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 31256

TO: CIMEX RESOURCES LTD.
905-355 Burrard St.
Vancouver, B.C.

INVOICE NO. 1327

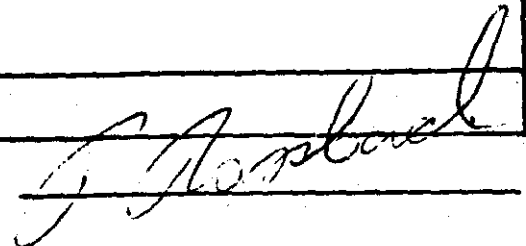
DATE RECEIVED

DATE ANALYSED Aug 4, 1981

ATTN:

SAMPLE NO.:	%	%	oz/T
	Pb	Zn	Ag
24599	0.34	1.36	0.40
24600	0.52	5.56	0.30
24601	0.01	0.73	0.04
24602	0.36	2.94	0.32
24603	0.02	1.22	0.04
24604	0.02	0.66	0.04
24605	0.46	1.30	1.20
24606	4.92	1.66	21.2
24607	3.90	2.13	17.2
24608	0.33	2.32	2.00
24609	0.44	0.43	1.53
24610	0.43	0.52	1.12
24611	0.42	0.23	0.50
24612	0.04	0.06	1.02
24613	0.02	3.36	0.06
24614	1.14	1.76	0.20
24615	0.01	0.12	0.04
24616	2.38	3.73	0.30
24617	0.03	0.32	0.04
24618	0.16	0.26	0.02
24619	0.01	0.30	0.02
24624	0.03	0.34	0.02
24629	2.78	5.70	0.40

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GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
 BURNABY, B. C.
 CANADA
 TELEPHONE: 299-6910
 AREA CODE: 604

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CERTIFICATE OF ANALYSIS

TO: CIMA RESOURCES LTD.
 905-355 Burrard St.
 Vancouver, B.C.

CERTIFICATE NO. 31204-1

INVOICE NO. 1327

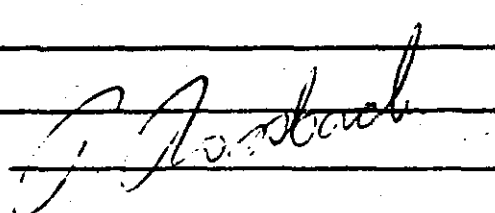
DATE RECEIVED

DATE ANALYSED Aug 10, 1961

ATTN:

SAMPLE NO.:	%		oz/T
	Pb	Zn	Ag
24881	0.02	0.12	0.04
24882	6.10	7.46	0.40
24883	5.00	2.80	0.32
24884	0.26	0.16	0.06
24885	0.02	0.02	0.04
24886	0.40	2.10	1.24
24887	1.86	5.66	0.46
24888	0.30	0.94	0.06
24889	3.20	12.6	1.10
24890	0.20	0.02	0.02
24891	7.70	15.2	1.10
24892	6.90	3.46	0.02
24893	1.00	1.54	0.13
24894	0.14	1.40	0.02
24895	8.79	13.4	0.96
24896	4.10	11.0	0.98
24897	0.30	0.74	0.02
24901	0.14	0.30	0.02
24902	0.10	0.68	0.02
24903	7.19	8.69	0.66
24904	0.02	0.03	0.02
24905	0.02	0.16	0.02
24906	0.02	0.03	0.02
24907	0.02	0.04	0.02
24908	0.02	0.56	0.02
24909	0.02	0.13	0.02
24910	0.03	7.40	0.12
24911	12.1	9.68	1.10
24912	3.90	11.6	0.60
24913	1.10	2.20	0.12
24914	4.06	11.0	0.62
24915	1.50	1.22	0.24
24916	15.9	2.90	1.60
24917	0.62	2.60	0.16
24918	2.60	12.6	0.60
24919	0.03	0.40	0.02
24920	9.30	7.70	0.60
24921	2.40	6.40	0.26
24960	11.0	24.2	0.30
24961	5.80	3.00	0.90

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Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
 BURNABY, B. C.
 CANADA
 TELEPHONE: 299-6910
 AREA CODE: 604

APPENDIX F

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CERTIFICATE OF ANALYSIS

TO: CIMR RESOURCES LTD.
 905-355 Burrard St.
 Vancouver, B.C.

CERTIFICATE NO. 31254-2

INVOICE NO. 1327

DATE RECEIVED

DATE ANALYSED Aug 12, 1981

ATTN:

SAMPLE NO.:	Pb	Zn	oz/t -g
24962	0.04	0.90	0.02
24963	0.02	1.33	0.02
24964	0.02	1.43	0.02
24965	0.02	0.10	0.02
24966	7.56	3.24	2.10
24967	0.02	0.12	0.02
24968	7.00	0.56	0.76
24969	0.74	3.30	0.20
24970	0.50	9.36	0.92
24971	5.20	4.30	0.44
24972	3.10	9.70	1.02
24973	0.32	0.76	0.04
24974	5.52	5.19	0.62
24975	0.02	0.40	0.02
24976	0.02	0.02	0.02
24377	0.10	0.10	0.06
24378	0.02	0.03	0.02
24879	0.02	0.02	0.02
24880	0.14	0.22	0.02
24621	0.36	1.32	0.06
24623	0.04	0.06	0.02

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BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

APPENDIX G
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GEOCHEMICAL ANALYSTS & ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 81187-1
INVOICE NO. 1327
DATE ANALYSED JULY 7, 1981
PROJECT

CIMA RESOURCES LTD.
905 - 355 BURNARD ST.
VANCOUVER, B.C. V6C 2G8

2550

No.	Sample	pH	MC	SY	Ag	Zn	Pb					No.
01	81 MES 01				0.2	108	56					01
02	02				0.2	98	58					02
03	03				0.6	160	60					03
04	04				0.2	60	32					04
05	05				0.2	88	40					05
06	06				0.2	74	28					06
07	07				0.2	96	38					07
08	08				1.0	168	500					08
09	09				1.8	200	142					09
10	81 MES 10				2.6	360	126					10
11	11				0.4	58	34					11
12	12				0.6	98	29					12
13	13				0.2	124	26					13
14	14				0.2	66	22					14
15	15				0.2	70	24					15
16	16				0.2	60	24					16
17	17				0.6	96	28					17
18	18				1.4	370	230					18
19	19				0.8	118	74					19
20	81 MES 20				1.6	128	90					20
21	21				0.4	150	58					21
22	22				2.4	310	210					22
23	23				1.8	262	134					23
24	24				1.4	600	600					24
25	25				1.6	310	660					25
26	26				2.2	370	2850					26
27	27				1.0	220	520					27
28	28				0.6	210	200					28
29	29				0.4	210	48					29
30	81 MES 30				0.2	214	62					30
31	31				0.4	94	40					31
32	32				0.6	110	38					32
33	33				0.4	86	28					33
34	34				0.8	100	30					34
35	35				0.2	180	60					35
36	36				0.2	106	54					36
37	37				0.4	122	42					37
38	38				0.2	126	46					38
39	81 MES 39				0.2	116	34					39
40	STD 9				0.4	400	320					40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by *P. Rossbacher*

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

APPENDIX G
Page 1(b)

CERTIFICATE OF ANALYSIS

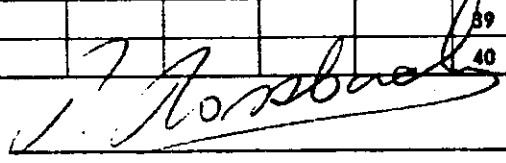
CIMA RESOURCES LTD.
905 - 355 BURNARD ST.
VANCOUVER, B.C. V6C 2G8

CERTIFICATE NO. 81187-2
INVOICE NO. 1327
DATE ANALYSED JULY 7, 1981
PROJECT

No.	Sample	pH	Mo	So	A ₂	Z ₄	P ₁₅						No.
01	81 MES 42				0.4	250	140						01
02	43				0.4	196	120						02
03	44				1.4	270	630						03
04	46				1.0	192	290						04
05	47				0.8	130	320						05
06	48				0.4	204	330						06
07	49				0.6	162	310						07
08	50				0.4	140	110						08
09	51				0.4	160	74						09
10	81 MES 52				0.6	152	68						10
11	53				1.4	200	560						11
12	54				0.8	174	510						12
13	55				1.4	210	400						13
14	56				0.8	198	310						14
15	57				0.4	340	280						15
16	58				0.2	210	180						16
17	59				1.2	216	370						17
18	60				1.2	116	960?						18
19	61				1.0	210	570						19
20	81 MES 62				0.4	184	80?						20
21	63				0.4	154	66						21
22	64				0.4	82	42?						22
23	65				0.6	106	68						23
24	66				0.6	112	60?						24
25	81 MES 67				0.4	136	80						25
26	68				0.6	128	132?						26
27	69				1.0	100	320						27
28	70				0.6	154	400?						28
29	81 MES 71				0.6	92	350						29
30	STD 69				0.4	120	340						30
31													31
32													32
33													33
34													34
35													35
36													36
37													37
38													38
39													39
40													40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by



Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

APPENDIX G
Page 2(a)

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. *81247-1*
INVOICE NO.
DATE ANALYSED *JULY 23/81*
LOCATION

CIMA RESOURCES LTD.
905 - 355 BURNARD ST.
VANCOUVER, B.C. V6C 2G8

No.	Sample	pH	M	g	Ag	Pb	Zn			No.
01	<i>80MUS72</i>				<i>2.0</i>	<i>18</i>	<i>88</i>	<i>22+00S</i>	<i>-2+00W</i>	01
02	<i>74</i>				<i>0.4</i>	<i>20</i>	<i>102</i>		<i>2+60W</i>	02
03	<i>76</i>				<i>0.2</i>	<i>30</i>	<i>90</i>		<i>3+00W</i>	03
04	<i>78</i>				<i>0.2</i>	<i>28</i>	<i>88</i>		<i>3+40W</i>	04
05	<i>80</i>				<i>0.4</i>	<i>20</i>	<i>78</i>		<i>3+80W</i>	05
06	<i>82</i>				<i>0.4</i>	<i>22</i>	<i>96</i>		<i>4+20W</i>	06
07	<i>84</i>				<i>0.8</i>	<i>20</i>	<i>82</i>		<i>4+60W</i>	07
08	<i>86</i>				<i>0.2</i>	<i>24</i>	<i>110</i>		<i>5+00W</i>	08
09	<i>88</i>				<i>0.2</i>	<i>14</i>	<i>76</i>		<i>5+40W</i>	09
10	<i>80MUS90</i>				<i>0.2</i>	<i>22</i>	<i>120</i>		<i>5+80W</i>	10
11	<i>92</i>				<i>0.6</i>	<i>24</i>	<i>136</i>			11
12	<i>94</i>				<i>0.2</i>	<i>32</i>	<i>100</i>		<i>7+00W</i>	12
13	<i>96</i>				<i>0.4</i>	<i>28</i>	<i>170</i>		<i>7+40W</i>	13
14	<i>98</i>				<i>0.2</i>	<i>24</i>	<i>116</i>		<i>7+80W</i>	14
15	<i>100</i>				<i>0.2</i>	<i>22</i>	<i>76</i>		<i>8+20W</i>	15
16	<i>102</i>				<i>0.2</i>	<i>22</i>	<i>122</i>		<i>8+60W</i>	16
17	<i>104</i>				<i>0.2</i>	<i>22</i>	<i>30</i>		<i>9+00W</i>	17
18	<i>106</i>				<i>0.2</i>	<i>20</i>	<i>104</i>		<i>9+40W</i>	18
19	<i>108</i>				<i>0.2</i>	<i>22</i>	<i>56</i>		<i>9+80W</i>	19
20	<i>80MUS110</i>			<i>MISSING</i>						20
21	<i>112</i>				<i>0.2</i>	<i>44</i>	<i>132</i>	<i>20+00S</i>	<i>5+40W</i>	21
22	<i>114</i>				<i>0.2</i>	<i>66</i>	<i>140</i>		<i>5+80W</i>	22
23	<i>116</i>				<i>0.4</i>	<i>36</i>	<i>102</i>		<i>6+40W</i>	23
24	<i>118</i>				<i>0.2</i>	<i>38</i>	<i>74</i>		<i>6+80W</i>	24
25	<i>120</i>				<i>0.2</i>	<i>32</i>	<i>108</i>		<i>7+20W</i>	25
26	<i>122</i>				<i>0.4</i>	<i>42</i>	<i>120</i>		<i>7+60W</i>	26
27	<i>124</i>				<i>0.2</i>	<i>52</i>	<i>212</i>		<i>8+00W</i>	27
28	<i>126</i>				<i>0.4</i>	<i>162</i>	<i>178</i>		<i>8+40W</i>	28
29	<i>128</i>				<i>0.8</i>	<i>48</i>	<i>142</i>		<i>8+80W</i>	29
30	<i>80MUS130</i>				<i>0.2</i>	<i>20</i>	<i>82</i>		<i>9+20W</i>	30
31	<i>132</i>				<i>0.2</i>	<i>16</i>	<i>80</i>		<i>9+60W</i>	31
32	<i>80MUS134</i>				<i>0.2</i>	<i>14</i>	<i>56</i>		<i>10+00W</i>	32
33										33
34										34
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VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by *P. Rossbacher*

Rossbacher Laboratory Ltd.

BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

APPENDIX G
Page 2(b)

GEOCHEMICAL ANALYSTS & ASSAYERS

CERTIFICATE OF ANALYSIS

CIMA RESOURCES LTD.

TO: 905 - 355 BURNARD ST.
VANCOUVER, B.C. V6C 2G8

CERTIFICATE NO. 81247-2

INVOICE NO. 1327

DATE ANALYSED JULY 24/81

LOCATION

No.	Sample	pH	Mo	Co	Ag	Zn	Pb				No.	
01	80MES 73				0.2	62	24	22+	00 S	2+	40W	01
02	75				0.2	82	18			2+	80W	02
03	79				0.2	96	24			3+	60W	03
04	81				0.2	44	16			4+	00W	04
05	83				0.4	82	18			4+	40W	05
06	85				0.2	116	20			4+	80W	06
07	87				0.2	114	24			5+	20W	07
08	89				0.2	82	14			5+	60W	08
09	91				0.2	118	24			6+	20W	09
10	80MES 93				0.2	100	18			6+	40W	10
11	95				0.4	166	44			6+	80W	11
12	97				0.2	108	26			7+	20W	12
13	99				0.2	132	18			7+	60W	13
14	101				0.2	44	16			8+	00W	14
15	103				0.2	92	16			8+	40W	15
16	105				0.2	96	24			8+	80W	16
17	107				0.4	84	20			9+	20W	17
18	109				0.2	58	22			9+	60W	18
19	111A				0.2	94	22			10+	00W	19
20	80MES 111B				0.2	112	28	20+	00 S	5+	20W	20
21	113				0.2	134	46			5+	60W	21
22	A 115				0.2	110	38			6+	20W	22
23	117				0.4	46	28			6+	60W	23
24	119				0.2	134	42			7+	00W	24
25	121				0.2	114	40			7+	40W	25
26	123				0.8	112	28			7+	80W	26
27	125				0.2	118	34			8+	20W	27
28	127				0.4	154	80			8+	60W	28
29	129				0.2	166	32			9+	00W	29
30	131				0.2	104	30			9+	40W	30
31	80MES 133A				0.2	86	26			9+	80W	31
32	80MES 77				0.2	64	14	22+	00 S	3+	20W	32
33	STD G6				3.1	300	100					33
34												34
35												35
36												36
37												37
38												38
39												39
40												40

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

APPENDIX G
Page 3(a)

CERTIFICATE OF ANALYSIS

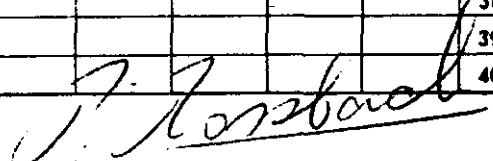
CERTIFICATE NO. **81243-1**
INVOICE NO.
DATE ANALYSED **JULY 23/81**
LOCATION

TO: **CIMA RESOURCES LTD.**
905 - 355 BURNARD ST.
VANCOUVER, B.C. V6C 2G3

No.	Sample	pH	Mo	Cr	Ag	Pb	Zn					No.
01	80MWS136				0.2	10	26	15+	00N	1	+00W	01
02	138				0.2	36	110			2+	50W	02
03	140				0.2	36	100			3+	50W	03
04	80MWS142				0.2	330	690			4+	50W	04
05												05
06												06
07												07
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VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by



Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

APPENDIX G
Page 3(b)

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 81243-2
INVOICE NO. 1327
DATE ANALYSED JULY 24/81

TO: CIMA RESOURCES LTD.
905 - 355 BARRARD ST.
VANCOUVER, B.C. V6C 2G3

LOCATION

No.	Sample	pH	M	✓	Ag	Zn	Pb			No.
01	SOMES 133				0.4	98	28		0+50E	01
02	135				0.2	102	36	15+00N	0+50E	02
03	137				0.2	118	32		2+00E	03
04	139				0.2	204	64		3+00E	04
05	SOMES 143				0.2	750	110		5+00E	05
06										06
07										07
08										08
09										09
10										10
11										11
12										12
13										13
14										14
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40										40



P. O. Box 269
Watson Lake, Yukon
Y0A 1C0

23 December, 1981



Your file Votre référence

Our file Notre référence

REGIONAL DIRECTOR RESOURCES

Attention: Supervising Mining
Recorder

RESTRICTED

Enclosed are diamond drill logs submitted by Cima Resources Limited for assessment on the MICA-CIMA mineral claims located on Map 105-A-10.

Drill holes were as follows:

DDH	S-52	Mica 8	55.17 m
	S-53	" 8	31.11 m
	S-54	" 8	48.76 m
	S-55	" 8	31.09 m
	S-56	" 8	29.57 m
	S-57	" 8	69.49 m
	S-58	" 8	10. m
	S-59	" 8	33.83 m
	S-60	" 8	18.91 m
	S-61	" 8	28.37 m
	S-62	" 8	63.93 m
	S-63	" 8	24.61 m
	S-64	" 8	26.2 m
	S-65	Mica 7	60.04 m
	S-66	" 7	61.88 m
	S-67	" 7	46.94 m
	S-68	" 7	38.10 m
	S-69	" 2	53.68 m
	S-70	" 8	64.97 m

Total assessment credit requested is \$40,800.00. I have requested the Company to advise where the drill core is being stored and will send that information when available.

P.L. McLeod
Mining Recorder
Watson Lake Mining District

PLM

cc: Regional Geologist

090955



July 28, 1981

Invoice #- 1017

IN ACCOUNT WITH:

Cima Resources Limited,
Marine Building,
355 Burrard St.,
Vancouver, B.C.

Drilling Charges July 16 to 25, 1981:

(Watson Lake)

Hole S-63/90/NQ

Mud Time

2 man hrs.	@ \$ 23.00 per hr.	= \$ 46.00	
1 mach. hr.	@ \$ 13.50 per hr.	= \$ 13.50	\$ 59.50

Coring

56 - 81 = 25 ft.	@ \$ 25.00 per ft.	=	\$ 625.00	\$ 684.50
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Hole @-64/90/NQ

Reaming Cave

6 man hrs.	@ \$ 23.00 per hr.	= \$ 138.00	
3 mach. hrs.	@ \$ 13.50 per hr.	= \$ 40.50	\$ 178.50

Mud Time

2 man hrs.	@ \$ 23.00 per hr.	= \$ 46.00	
1 mach. hr.	@ \$ 13.50 per hr.	= \$ 13.50	\$ 59.50

Casing

0 - 8 = 8 ft.	@ \$ 25.50 per ft.	=	\$ 204.00
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Coring

8 - 86 = 78 ft.	@ \$ 25.00 per ft.	=	\$ 1,950.00	\$ 2,392.00
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Hole S-65/50/BQ

Waterline

4 man hrs.	@ \$ 23.00 per hr.	=	\$ 92.00
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Casing

0 - 10 = 10 ft.	@ \$ 23.00 per ft.	=	\$ 230.00
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Coring

10 - 22 = 12 ft.	@ \$ 22.00 per ft.	=	\$ 264.00	\$ 586.00
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090955





E. CARON DIAMOND DRILLING LTD.

7 Roundel Road Whitehorse, Yukon.

Phone (403) 668-2424 Telex 036-8-337

Hole S-65/80/NQ

Casing

0 - 10 = 10 ft. @ \$ 25.50 per ft. = \$ 255.00

Coring

10 - 197 = 187 ft. @ \$ 25.00 per ft. = \$ 4,675.00 \$ 4,930.00

Hole S-66/70/BQ

Mud Time

2 man hrs. @ \$ 23.00 per hr. = \$ 46.00

1 mach. hr. @ \$ 13.50 per hr. = \$ 13.50 \$ 59.50

Casing

0 - 12 = 12 ft. @ \$ 23.00 per ft. = \$ 276.00

Coring

12 - 203 = 191 ft. @ \$ 22.00 per ft. = \$ 4,202.00 \$ 4,537.50

Hole S-67/70/BQ

Mud Time

2 man hrs. @ \$ 23.00 per hr. = \$ 46.00

1 mach. hr. @ \$ 13.50 per hr. = \$ 13.50 \$ 59.50

Casing

0 - 12 = 12 ft. @ \$ 23.00 per ft. = \$ 276.00

Coring

12 - 154 = 142 ft. @ \$ 22.00 per ft. = \$ 3,124.00 \$ 3,459.50

Hole S-68/80/BQ

Casing

0 - 10 = 10 ft. @ \$ 23.00 per ft. = \$ 230.00

Coring

10 - 125 = 115 ft. @ \$ 22.00 per ft. = \$ 2,530.00 \$ 2,760.00

Hole S-69/50/BQ

Moving

40 man hrs. @ \$ 23.00 per hr. = \$ 920.00

Waterline

20 man hrs. @ \$ 23.00 per hr. = \$ 460.00

Casing

0 - 12 = 12 ft. @ \$ 23.00 per ft. = \$ 276.00

Coring

12 - 176 = 164 ft. @ \$ 22.00 per ft. = \$ 3,608.00 \$ 5,264.00

Hole S-70/80/NQ/BQ

Moving & Demob.

94 man hrs. @ \$ 23.00 per hr. = \$ 2,162.00

Casing

4 man hrs. @ \$ 23.00 per hr. = \$ 92.00

2 mach. hrs. @ \$ 13.50 per hr. = \$ 27.00 \$ 119.00

Reaming Cave

4 man hrs. @ \$ 23.00 per hr. = \$ 92.00

2 mach. hrs. @ \$ 13.50 per hr. = \$ 27.00 \$ 119.00





<u>Waterline</u>			
10 man hrs.	@ \$ 23.00 per hr.	=	\$ 230.00
<u>Mud Time</u>			
6 man hrs.	@ \$ 23.00 per hr.	= \$	138.00
3 mach. hrs.	@ \$ 13.50 per hr.	= \$	40.50
<u>Time Not Accounted</u>			
6 man hrs.	@ \$ 23.00 per hr.	= \$	138.00
3 mach. hrs.	@ \$ 13.50 per hr.	= \$	40.50
<u>Casing</u>			
0 - 40 = 40 ft.	@ \$ 25.50 per ft.	=	\$ 1,020.00
<u>Coring</u>			
40 - 85 = 45 ft.	@ \$ 25.00 per ft.	= \$	1,125.00
85 - 217 = 132 ft.	@ \$ 22.00 per ft.	= \$	2,904.00
			\$ 4,029.00
			\$ 8,036.00
<u>Tractor Time/Waterline/Foreman</u>			
<u>Waterline</u>			
12 man hrs.	@ \$ 23.00 per hr.	=	\$ 276.00
<u>Tractor Time</u>			
76 cat hrs.	@ \$ 65.00 per hr.	=	\$ 4,940.00
<u>Truck Time - 5 Ton</u>			
11 truck hrs.	@ \$ 40.00 per hr.	=	\$ 440.00
<u>Truck Time - Deck Truck Kenworth</u>			
18 truck hrs.	@ \$ 90.00 per hr.	=	\$ 1,620.00
<u>Demobilization of equipment & crew to Whitehorse</u>			
	@ \$ 2,000.00	=	\$ 2,000.00
<u>Core Splitter Rental</u>	@ \$ 100.00	=	\$ 100.00
			\$ 9,376.00
<u>Items Consumed & Chargeable</u>			
1 NQ Bit	@ \$ 450.00 each	= \$	450.00
4 NQ Rods	@ \$ 106.05 each	= \$	424.20
	+ 15%	=	\$ 131.13
			\$ 1,005.33
Total Invoice:			\$43,030.83





July 6 - 30^{x2} hrs standby }
+7

July 15, 1981

Invoice #-1009

IN ACCOUNT WITH:

Cima Resources Limited,
Marine Building,
355 Burrard Street,
Vancouver, B. C.

Drilling Charges July 1 to 15, 1981:

(Mt. Hundere)

Hole: 5-53/90/NQ

Drilling & Reducing

14 man hrs. @ \$23.00 per hr. = \$ 322.00
7 machine hrs. @ \$13.50 per hr. = \$ 94.50 \$ 416.50

Casing

4 man hrs. @ \$23.00 per hr. = \$ 92.00
2 machine hrs. @ \$13.50 per hr. = \$ 27.00 \$ 119.00

Reaming Cave

6 man hrs. @ \$23.00 per hr. = \$ 138.00
3 machine hrs. @ \$13.50 per hr. = \$ 40.50 \$ 178.50

Waterline

4 man hrs. @ \$23.00 per hr. = \$ 92.00

Standby for Setup

2 man hrs. @ \$23.00 per hr. = \$ 46.00

Travelling Time

4 man hrs. @ \$23.00 per hr. = \$ 92.00

Tractor Time

8 1/2 machine hrs. @ \$65.00 per hr. = \$ 552.50

Casing

0 - 32 = 32 ft. @ \$25.50 per ft. = \$ 816.00

Coring

32 - 102 = 70 ft. @ \$25.00 per ft. = \$1,750.00 \$ 4,062.50

Hole: 54/90/NQ

Casing

2 man hrs. @ \$23.00 per hr. = \$ 46.00
1 machine hr. @ \$13.50 per hr. = \$ 13.50 \$ 59.50

Reaming Cave

4 man hrs. @ \$23.00 per hr. = \$ 92.00
2 machine hrs. @ \$13.50 per hr. = \$ 27.00 \$ 119.00

Waterline

2 man hrs. @ \$23.00 per hr. = \$ 46.00





<u>Tractor Time</u>					
2 machine hrs.	@ \$65.00 per hr.	=		\$ 130.00	
<u>Casing</u>					
0 - 28 = 28 ft.	@ \$25.50 per ft.	=		\$ 714.00	
<u>Coring</u>					
28 - 57 = 29 ft.	@ \$25.00 per ft.	=	\$ 725.00		
57 - 160 = 103 ft.	@ \$22.00 per ft.	=	<u>\$2,266.00</u>	<u>\$2,991.00</u>	\$ 4,059.50

Hole: 5-55/90/NQ

<u>Reaming Cave</u>					
4 man hrs.	@ \$23.00 per hr.	=	\$ 92.00		
2 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 27.00</u>	\$ 119.00	
<u>Standby for Setup</u>					
4 man hrs.	@ \$23.00 per hr.	=	\$ 92.00		
2 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 27.00</u>	\$ 119.00	
<u>Travelling Time</u>					
3 man hrs.	@ \$23.00 per hr.	=		\$ 69.00	
<u>Tractor Time</u>					
6 machine hrs.	@ \$65.00 per hr.	=		\$ 390.00	
<u>Casing</u>					
0 - 10 = 10 ft.	@ \$25.50 per ft.	=		\$ 255.00	
<u>Coring</u>					
10 - 102 = 92 ft.	@ \$25.00 per ft.	=		<u>\$2,300.00</u>	\$ 3,252.00

Hole: 5-56/80/NQ

<u>Reaming Cave</u>					
8 man hrs.	@ \$23.00 per hr.	=	\$ 184.00		
4 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 54.00</u>	\$ 238.00	
<u>Tractor Time</u>					
3 machine hrs.	@ \$65.00 per hr.	=		\$ 195.00	
<u>Casing</u>					
0 - 10 = 10 ft.	@ \$25.50 per ft.	=		\$ 255.00	
<u>Coring</u>					
10 - 97 = 87 ft.	@ \$25.00 per ft.	=		<u>\$2,175.00</u>	\$ 2,863.00

Hole: 5-57/80/NQ

<u>Moving</u>					
8 man hrs.	@ \$23.00 per hr.	=		\$ 184.00	
<u>Reaming Cave</u>					
13 man hrs.	@ \$23.00 per hr.	=	\$ 299.00		
6 1/2 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 87.75</u>	\$ 386.75	
<u>Mud Time</u>					
2 man hrs.	@ \$23.00 per hr.	=	\$ 46.00		
1 machine hr.	@ \$13.50 per hr.	=	<u>\$ 13.50</u>	\$ 59.50	
<u>Standby for Drill Site</u>					
60 man hrs.	@ \$23.00 per hr.	=	\$1,380.00		
30 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 405.00</u>	\$1,785.00	

} SHOULD NOT PAY.





<u>Tractor Time</u>				
4 machine hrs.	@ \$65.00 per hr.	=	\$ 260.00	
<u>Casing</u>				
0 - 20 = 20 ft.	@ \$25.50 per ft.	=	\$ 510.00	
<u>Coring</u>				
20 - 228 = 208 ft.	@ \$25.00 per ft.	=	<u>\$5,200.00</u>	\$ 8,385.25

Hole: 5-58/80/NQ

<u>Reaming Cave</u>				
2 man hrs.	@ \$23.00 per hr.	=	\$ 46.00	
1 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 13.50</u>	\$ 59.50
<u>Waterline</u>				
2 man hrs.	@ \$23.00 per hr.	=	\$ 46.00	
<u>Casing</u>				
0 - 12 = 12 ft.	@ \$25.50 per ft.	=	\$ 306.00	
<u>Coring</u>				
12 - 33 = 21 ft.	@ \$25.00 per ft.	=	<u>\$ 525.00</u>	\$ 936.50

Hole: 5-59/55/NQ

<u>Waterline</u>				
3 man hrs.	@ \$23.00 per hr.	=	\$ 69.00	
<u>Casing</u>				
0 - 50 = 50 ft.	@ \$25.50 per ft.	=	\$1,275.00	
<u>Coring</u>				
50 - 111 = 61 ft.	@ \$25.00 per ft.	=	<u>\$1,525.00</u>	\$ 2,869.00

Hole: 5-60/80/NQ

<u>Reaming Cave</u>				
7 man hrs.	@ \$23.00 per hr.	=	\$ 161.00	
3½ machine hrs.	@ \$13.50 per hr.	=	<u>\$ 47.25</u>	\$ 208.25
<u>Mud Time</u>				
2 man hrs.	@ \$23.00 per hr.	=	\$ 46.00	
1 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 13.50</u>	\$ 59.50
<u>Tractor Time</u>				
2 machine hrs.	@ \$65.00 per hr.	=	\$ 130.00	
<u>Casing</u>				
0 - 12 = 12 ft.	@ \$25.50 per ft.	=	\$ 306.00	
<u>Coring</u>				
12 - 62 = 50 ft.	@ \$25.00 per ft.	=	<u>\$1,250.00</u>	\$ 1,953.75

Hole: 5-61/90/NQ

<u>Reaming Cave</u>				
8 man hrs.	@ \$23.00 per hr.	=	\$ 184.00	
4 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 54.00</u>	\$ 238.00
<u>Standby for Drill Site</u>				
6 man hrs.	@ \$23.00 per hr.	=	\$ 138.00	
3 machine hrs.	@ \$13.50 per hr.	=	<u>\$ 40.50</u>	\$ 178.50
<u>Casing</u>				
0 - 30 = 30 ft.	@ \$25.50 per ft.	=	\$ 765.00	





Coring

30 - 92 = 62 ft. @ \$25.00 per ft. = \$1,550.00 \$ 2,731.50

Hole: 5-62/90/NQ-BQ
Drilling & Reducing

6 man hrs. @ \$23.00 per hr. = \$ 138.00
3 machine hrs. @ \$13.50 per hr. = \$ 40.50 \$ 178.50

Reaming Cave

4 man hrs. @ \$23.00 per hr. = \$ 92.00
2 machine hrs. @ \$13.50 per hr. = \$ 27.00 \$ 119.00

Mud Time

5 man hrs. @ \$23.00 per hr. = \$ 115.00
2 1/2 machine hrs. @ \$13.50 per hr. = \$ 33.75 \$ 148.75

Tractor Time

1 1/2 machine hrs. @ \$65.00 per hr. = \$ 97.50

Casing

0 - 10 = 10 ft. @ \$25.50 per ft. = \$ 255.00

Coring

10 - 104 = 94 ft. @ \$25.00 per ft. = \$2,350.00
104 - 207 = 103 ft. @ \$22.00 per ft. = \$2,266.00 \$4,616.00 \$ 5,414.75

Hole: 5-63/90/NQ

Tractor Time

2 machine hrs. @ \$65.00 per hr. = \$ 130.00

Casing

0 - 10 = 10 ft. @ \$25.50 per ft. = \$ 255.00

Coring

10 - 56 = 46 ft. @ \$25.00 per ft. = \$1,150.00 \$ 1,535.00

5-Ton Truck Trip

Trip to property with Mud @ \$300.00 = \$ 300.00

Items Consumed & Chargeable due to Hole Conditions

Hole: 5-57/90/NQ

18 NQ rods ✓ @ \$106.05 each = \$1,908.90
1 5' NQ core barrel ✓ @ \$238.95 each = \$ 238.95
1 NQ shell ✓ @ \$378.00 each = \$ 378.00
1 NQ bit #35961 ✓ @ \$660.82 each = \$ 660.82
20 ft. NW casing ✓ @ \$126.75/10' length= \$ 253.50
1 NW shoe ✓ @ \$268.00 each = \$ 268.00 \$3,708.17

Hole: 5-53/90/NQ

1 NQ bit # 35963 ✓ @ \$660.82 x 50% = \$ 330.41
1 NQ bit # 35966 ✓ @ \$660.82 x 50% = \$ 330.41 \$ 660.82

Hole: 5-60/80/NQ

1 NQ bit #61382 ✓ @ \$450.00 each = \$ 450.00
1 NQ bit #67162 ✓ @ \$450.00 each = \$ 450.00
1 NQ shell ✓ @ \$378.00 each = \$ 378.00 \$1,278.00





E. CARON DIAMOND DRILLING LTD.

7 Roundel Road Whitehorse, Yukon.

Phone (403) 668-2424 Telex 036-8-337

Hole: 5-61/90/NQ

1 NQ core barrel complete	@ \$835.00 each	= \$ 835.00	
1 NQ bit # 47268 ✓	@ \$450.00 each	= \$ 450.00	
1 NQ shell #9937	@ \$378.00 each	= \$ 378.00	\$1,663.00

Hole: 5-62/90/NQ-BQ

1 NQ bit ✓	@ \$450.00 each	= \$ 450.00	
1 BQ bit ✓	@ \$310.00 each	= \$ 310.00	<u>\$ 760.00</u>
			\$8,069.99
	+ 15%	=	<u>\$1,210.49</u>
			\$ 9,280.48

Mud from Yukon Expediting

June 20	96 bags Quik Gel	@ \$13.55 per bag	= \$1,300.80	
June 29	6 pails HS Polymer	@ \$160.95 per pail	= \$ 965.70	
July 3	40 bags Quik Gel	@ \$13.55 per bag	= \$ 542.00	
July 10	80 bags Core Gel	@ \$11.50 per bag	= \$ 920.00	\$3,728.50
		+ 15%	=	<u>\$ 559.27</u>
				<u>\$ 4,287.77</u>

Total Invoice \$51,931.00

090955

DIAMOND DRILL LOG

AND
SAMPLE RECORDLOCATION: 0+54.2 SLOCATION: 3+36.9 WDIP AT COLLAR: -90°

BEARING ASTR: _____

ELEVATION AT COLLAR: 1433.38 m.CORE SIZE: N.Q.D.D.H. NO.: S - 52PAGE: 1/3PROPERTY NAME: Mt. HundereSTARTED: July 1, 1981DEPTH DRILLED: 55.17 metresFINISHED: July 2, 1981PROVINCE: Y.T.LOGGED BY: S Sara

DEPTH (m)		RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS				
FROM	TO									% Pb	% Zn	% Cd	oz. Ag	
0	6.10		Casting											
6.10	12.81		Phyllite	Dark grey, fine grained phyllite, Finely laminated quartz & Calcareous veins. Quartz veins are up to 5cm wide. Euhedral fluorite crystals. Highly siliceous and vuggy near the lower sector. Core is crushed and fragmented.										
12.81	15.25	90	Silt	Light brown, slightly rusty with fragments of altered light green pyllite. Traces of sulphides.	5%	24976	14.34	15.00	0.66	0.04	0.26		0.06	✓
					5%	24977	15.10	15.25	0.15	0.02	0.30		0.04	✓
15.25	32.64	95	Marble	Medium to coarse grained, highly crystalline, light grey coloured, massive, mottled marble with bands of limestone, and thick mud seams at 17.57 - 17.81, 21.55 - 21.69 and 28.88 - 28.98. From 16.78 - 19.83 marble is vuggy and shows a decrease in degree of crystallization. From 31.11 - 32.18 core is highly crushed and pulverized. Fracture veins at 140° to C.A.										
						24978	16.78	19.83	3.05	0.08	1.70		0.20	✓
						24979	31.70	32.20	0.50	1.84	15.80		0.80	✓

AND SAMPLE RECORD

LOCATION: 0+34.2 S.CORE SIZE: N.Q.D.D.H. NO.: S - 53PAGE: 1/2LOCATION: 3+37WPROPERTY NAME: Mt. HundereSTARTED: July 2, 1981DIP AT COLLAR: -90°DEPTH DRILLED: 31.11 metresFINISHED: July 3, 1981

BEARING ASTR: _____

ELEVATION AT COLLAR: 1427.11mPROVINCE: Y.T.LOGGED BY: S Sara

DEPTH (m)		RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS			
FROM	TO									% Pb	% Zn	% Cd	oz. Ag
0.00	9.76		Casing	Dark green, oxidized, coarse grained actinolite									
9.76	11.00	70	Actinolite	skarn.	5%	24985	9.76	11.00	1.24	1.26	3.64		0.20
			Skarn	Siliceous and limonitic. Pb - Zn disseminations & pyrite Tr.									
11.00	12.81	70	Altered	Heavily oxidized rusty brown looking skarn.	5%	24986	11.00	12.81	1.81	6.30	4.70		5.20
			Skarn	Highly siliceous and limonitic. Fine grained.									
12.81	13.21	50	Phyllite	Light greenish grey phyllite heavily fractured.									
				Quartz veins and fluorite crystals present.									
13.21	13.42	50	Quartz	Medium grained rusty skarn.									
			Skarn	Highly crystallized quartz and limonite due to oxidation..	Traces	24987	13.21	13.42	0.21	0.80	0.84		4.50
13.42	21.86	80	Altered	Dark greenish grey micaceous phyllite. Fine calcareous laminae. Shows a low degree of chloritization. From 17.38 - 21.96 highly fractured and vuggy.									
			Phyllite										
21.96	26.84	60	Oxidized	Iron rich quartz skarn, looks rusty brown.	Traces	24988	21.96	26.84	4.88	1.28	3.10		3.30
			Skarn	From 25.12 - 25.34 heavily altered. Fluorite crystals									

4.25 Pb
4.27 Zn
3.17 Ag
3.05m

DIAMOND DRILL LOG

AND

SAMPLE RECORD

N.Q. from 0-17.39m

B.Q. from 17.39 - 48.76m

X

LOCATION: 0+15.2 SLOCATION: 3+58.5 WDIP AT COLLAR: -90°

BEARING ASTR: _____

ELEVATION AT COLLAR: 1427.22 m.

FILE CODE: _____

D.D.H. NO.: S-54PAGE: 1/3PROPERTY NAME: Mt. HundereSTARTED: July 3, 1981DEPTH DRILLED: 48.76 metresFINISHED: July 4, 1981PROVINCE: Y.TLOGGED BY: S Sara

DEPTH (m)		RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS			
FROM	TO									% Pb	% Zn	% Cd	oz. Ag
0	8.54		Casing	Highly siliceous skarn medium - coarse	Traces	24989	8.55	8.85	0.30	0.40	4.40		0.70
8.54	8.85		Quartz-Skarn	grained with other typical skarn minerals. Dark green colour.									
8.85	9.76		Skarn	Fine to medium grained skarn with a low degree of oxidation looking rusty brown in some patches. Minute bands of micaceous phyllite present. Tr, of Pb + Zn and pyrite.	Traces	24990	8.85	9.56	0.71	0.30	5.80		0.80
9.76	21.40	95	Phyllite	Greenish grey to grey coloured fine grained phyllite with calcite laminae at an angle to foliation. Quartz veins up to 7mm thick. Euhedral fluorite. Medium grained skarn bands in light green colour. Foliation at 140° to C.A.		24991	20.76	20.92	0.16	.62	2.26		3.20
21.40	22.93	95	Quartz-Skarn	Dark dull green, fine to medium grained skarn Highly siliceous. Euhedral fluorite. Shows dissemination of Pb + Zn mineralization.	10	24993	22.22	22.93	0.71	1.80	0.94		4.40

53 Pb
5.39 Zn
0.77 Ag
1.01m

1.56 Pb
0.64 Zn
3.77 Ag
2.17m

DIAMOND DRILL LOG

X

LOCATION: 0+12.5 S

LOCATION: L 3+32.2 W

DIP AT COLLAR: -90°

BEARING ASTR: _____

AND SAMPLE RECORD

ELEVATION AT COLLAR: 1421.1 m.

CORE SIZE: N.Q. Core

D.D.H. NO.: S-55

PAGE: 1/2

PROPERTY NAME: Mt. Hundere

STARTED: 4th July, 1981

DEPTH DRILLED: 31.09m

FINISHED: 5th July, 1981

PROVINCE: Y.T.

LOGGED BY: R.C. Davy

DEPTH(m)		RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS				
FROM	TO									% Pb	% Zn	% Cd	oz. Ag	
0	4.5		Casing	Some Limestone										
4.5	4.7		Actinolite	A fine grained highly disseminated skarn, with		24956	4.5	4.7	0.20	0.38	2.60		1.54	
			Skarn	a little mineralization.	5%	24957	4.7	6.71	2.01	2.46	1.96		9.00	
4.7	8.23		Actinolite Sk.	A highly oxidized skarn	5%	24958	6.71	8.23	1.52	1.20	3.00		2.80	
8.23	9.75		Quartz	Visible crystals of Quartz, with some mineral-	10%	24959	8.23	9.75	1.52	0.40	2.84		2.64	
			Skarn	ization, again this unit is highly oxidized										
				Tremolite.										
9.75	24.99		Phylite	This unit is general broken up, with some skarn										
				band, which are quite narrow located throughout.										
				There is one 4 cm unit located at 10.5 with										
				visible Quartz, angling at 45° (to the core										
				angle) in the foliations. At 12.20 and until										
				12.25 there is another fine grained skarn unit,										
				with little or no visible mineralization.										
				At 14.50 the core is fractured at 60° to the										
				core angle. At 17.37 there is an oxidized										
				quartz vein at 45° to the core angle, this vein										
				is 2cm wide, with no visible mineralization.										
				Also at 18.90 and at 19.0 there is another										
				skarn, which is a minor one which parallels										
				the core axis. At 20.0 the core is fractured										

1.42 Pb
 2.54 Zn
 5.08 Ag

AND SAMPLE RECORD

LOCATION: 0+57.5 SLOCATION: L 3-80.5 WDIP AT COLLAR: -80°BEARING ASTR: N28° EELEVATION AT COLLAR: 1445 m.CORE SIZE: N.O. CoreD.D.H. NO.: S-57PAGE: 1/4PROPERTY NAME: Mt. HundereSTARTED: July 8, 1981DEPTH DRILLED: 69.49 metresFINISHED: July 9, 1981PROVINCE: Y.T.LOGGED BY: R Davy

DEPTH (m)		RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS				
FROM	TO									% Pb	% Zn	% Cd	oz. Ag	
0	7.13		Casing											
7.13	19.25	60	Phyllite	Generally black, highly broken with lots of mud. This unit is slightly brecciated with minor intersections of limestone. It is because of the breccia inclusions that there are no foliations in this phyllite unit. However, the fractures running through this core are angled at 10° to parallel to the core axis. There is towards the end of the unit a change in strike as the fractures angle at 30° to the core axis.										
19.25	21.09	40	Actinolite Skarn	Badly oxidized red with the remains of an actinolite unit.	Traces	24927	19.25	21.09	1.84	1.66	3.38			1.36
21.09	23.34	90	Marble	Grey & large crystal unit with a number of fractures of shears running at 35° to the core axis.										
23.34	23.75	?	Mud	Dark grey fine grained probably silt.										
23.75	27.66		Marble	Grey another large crystallized unit. However at 25.3 metres there is a small mudseam is a fracture running 160° to the C.A. axis.										

090955

DIAMOND DRILL LOG

AND

SAMPLE RECORD

LOCATION: 0+09.5NLOCATION: 4+0.3 WDIP AT COLLAR: -90°

BEARING ASTR: _____

ELEVATION AT COLLAR: 1428 m.CORE SIZE: N.Q. CoreD.D.H. NO.: S-63PAGE: 1/2PROPERTY NAME: Mt. HundereSTARTED: July 14th, 1981DEPTH DRILLED: 24.61 mFINISHED: July 14th, 1981PROVINCE: Y.T.LOGGED BY: R.C. Davy

DEPTH (m)		RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS				
FROM	TO									% Pb	% Zn	% Cd	oz. Ag	
0	2.81	75	Casing											
2.81	5.81		Altered Phyllite	Grey to light green, core is badly broken and very calcareous because of the nature of the core it has few fractures with the exception, at 4.0 m the core is angled at 45° to the core axis.										
5.81	11.0	80	Phyllite	Black, calcareous, it has a few fractures, and is badly broken in places, At 5.4 the foliation run at 45° to the core axis, while at 5.9 and from 8.75 until 10.20 metres.										
11.0	17.10	90	Altered Phyllite	Lt. grey to green, fine grained core. The core is fractured at 80° C.A. at 14.0m, as well at 15.75 there is a parallel fracture running for about .35m. At 16.90m there is some foliation running at 15° to the core axis, the core grades into the next unit at 17.10 metres at 65° to the core axis.										
17.10	19.60	80	Actinolite Skarn	Medium to dark green, fine grained actinolite with some disseminated mineralization near the Phyllite. There is a fracture at 45° to the core axis. At 18.44m there are some	2%	24599	17.10	18.00	0.90	0.34	1.36		0.40	
						24600	18.0	19.60	1.60	0.52	5.56		0.80	

DIAMOND DRILL LOG AND SAMPLE RECORD

 LOCATION: 17.75 S

 LOCATION: 1+49 W

 DIP AT COLLAR: -80°

 BEARING ASTR: N 90° E

 ELEVATION AT COLLAR: 1434.0 m.

 CORE SIZE: N.Q.

 D.D.H. NO.: S-65

 PAGE: 1/2

 PROPERTY NAME: Mt. Hundere

 STARTED: July 16th, 1981.

 DEPTH DRILLED: 60.04m

 FINISHED: July 17th, 1981

 PROVINCE: Y.T.

 LOGGED BY: S Sara

DEPTH(m)		RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS				
FROM	TO									% Pb	% Zn	% Cd	oz. Ag	
0	4.59		Casing											
4.59	8.69		Phyllite	Dark grey fine grained highly siliceous phyllite with fine calcareous laminae. Foliation at 120° C.A.										
8.69	11.25		Altered Phyllite	Light grey, medium grained phyllite with dark green thick skarn bands, and few quartz veins.										
11.25	15.62		Phyllite	Dark green, fine grained, calcareous phyllite. Thick calcite bands at 13.41-14.02. Frequent quartz veins. Foliation at 135° C.A.										
15.62	25.90		Highly Calcareous Phyllite	Dark grey, fine to medium grained, graphitic Phyllite, mottled with pinkish white calcite.										
25.90	27.12		Limestone	Bluish grey, fine to medium grained, siliceous LST with some skarn bands. LST with some skarn bands. LST fractured and broken. Fracture at 135° to C.A.										
27.12	38.19		Highly Calcareous Phyllite	Fine to medium grained black grey phyllite, highly calcareous. Numerous calcite bands. Quartz veins. A thick skarn band medium to coarse grained, dark green coloured at 33.16 to 33.51, contains Copper (Azurite)		24612	33.11	33.61	0.50	0.04	0.06		1.02	

DIAMOND DRILL LOG AND SAMPLE RECORD

LOCATION: 12+17N
 LOCATION: 2+00 E
 DIP AT COLLAR: -50°
 BEARING ASTR: N90° E

ELEVATION AT COLLAR: _____

FILE CODE: B-Q. D.D.H. NO.: S-69 PAGE: 1/3
 PROPERTY NAME: Mt. Hundere STARTED: July 21, 81
 DEPTH DRILLED: 53.68 m FINISHED: July 22, 81
 PROVINCE: Y.T. LOGGED BY: R.C. Davy

DEPTH (m) FROM	TO	RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS				
										% Pb	% Zn	% Cd	oz. Ag	
0	4.6		Casing											
4.6	5.07	60	Phyllite	Black fine grained, broken, this unit has foliations at 35° to the core axis										
5.07	9.6	70	Altered Phyllite	The unit is grey, finegrained, and for the most part broken over its length. There are crystals of quartz, calcite and fine grained biotite. At 8.23m only there are foliation at 25° to the core axis.		24617	5.07	6.9	1.83	0.03	0.32		0.04	
						24618	6.9	8.23	1.33	0.16	0.26		0.02	
						24619	8.23	10.06	1.83	0.01	0.30		0.02	
9.6	10.6	60	Phyllite	Black fine grained, broken, this unit has foliations at 25° to the core axis.										
10.6	12.3	90	Altered Phyllite	This unit is light grey, very calcareous and shows evidence of folding, at 11.5m The core is fractured parallel to the core axis. At 12.19 there is a sharp contact with the next skarn unit, which is perpendicular to the core axis.	Traces	24620	10.06	12.19	2.13					
						24621	12.19	13.0	0.81	0.36	1.82		0.06	
12.30	13.0	90	Skarn Actinolite	Green, brown unit that is oxidized in places The actinolite is fine to medium grained and there are medium grained crystals of sphalerite visible.	1%	24623	13.0	14.1	1.10	0.04	0.06		0.02	
						24624	14.1	15.0	0.90	0.03	0.34		0.02	
13.20	15.10	90	Altered Phyllite	Black calcareous unit, with skarn units		24625	15.0	16.0	1.00					

Phyllite

DIAMOND DRILL LOG AND SAMPLE RECORD

 LOCATION: 0+63.5 S

 LOCATION: 3+56.6 E

 DIP AT COLLAR: -80°

 BEARING ASTR: N 28° E

ELEVATION AT COLLAR: _____

N.Q. core to 27.76m

B.Q. Core from 27.76-64.97m

FILE CODE: _____

 D.D.H. NO.: S-70

 PAGE: 1/1

 PROPERTY NAME: Mt. Hundere

 STARTED: 23rd July, 81

 DEPTH DRILLED: 64.97m

 FINISHED: 23rd July, 81

 PROVINCE: Y.T.

 LOGGED BY: R Kidlark

DEPTH (m) FROM	TO	RECOVERY %	FORMATION	DESCRIPTION DETAILS	ESTIMATED Pb + Zn	SAMPLE NUMBER	FROM	TO	WIDTH	ASSAYS					
										% Pb	% Zn	% Cd	oz. Ag		
0	13.7		Casing												
13.7	20.4		Phyllite	Light grey colour, very fine grained with minor bands of quartz. One good foliation at 45° to C.A. Core broken very badly.											
20.4	30.81		Mud	Light brown colour with minor fragments of phyllite.											
30.81	32.33		Limestone	Light grey colour, massive, generally medium grained. Includes .3m of mud at lower contact.											
32.33	35.08	30%	Act. Skarn	Rusty coloured skarn with actinolite crystal up to 3cm long. Generally fine grained, oxidized with minor fine grained disseminated galena and sphalerite.	5%	24966	32.33	35.08	2.75	7.56	3.24			2.10	
35.08	41.79		Phyllite	Dark grey colour, very fine grained, core is badly broken with main foliation at 45° to C.A.											
41.79	47.23		Limestone	Light grey, coloured mottled, medium grain with minor bands of phyllite.											
47.23	47.89		Mud												
47.89	50.94		Limestone	Light grey colour, mottled medium grained.											
50.94	64.97		Phyllite	Dark grey colour very fine grained Main foliation at 45° to C.A.											

End of Hole

0+10W

BASELINE

0+10S

0+20S

0+30S

0+40S

0+50S

0+60S

1440 m

1430 m

1420 m

1410 m

1400 m








1390 m

1380 m

S-59
-55°

S-58
-80°

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

—, - - - CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

$$\frac{5.00, 6.00, 4.80}{5.25} = \frac{\% \text{Pb}, \% \text{Zn}, \text{Ag oz/T}}{\text{Width (metres)}}$$

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

SOUTH SHOWING

CROSS SECTION 3+18W

Metres 5 0 5 10 Metres

CIMA RESOURCES LTD.

N.T.S. 105-A/10

SEPTEMBER 5, 1981

090955

0+10N

BASELINE

0+10S

0+20S

0+30S

0+40S

0+50S

0+60S

1440 m

1430 m

1420 m

1410 m

1400 m

1390 m

1380 m

S-52
-90°

S-53
-90°

4.8 m. off Section
S-55
-90°

2.46, 1.96, 9.00
2.01

1.42, 2.54, 5.08
5.25

6.30, 4.70, 5.20
1.81

4.25, 4.27, 3.17
3.05

0.80, 0.84, 4.50
0.21

0.08, 1.70, 0.20
3.05








1.28, 3.10, 3.30
4.88

1.84, 15.80, 0.80
0.50
0.46, 3.90, 1.48
0.70

qtz 5.50, 13.40, 1.08
1.76 0.76 2.10, 0.26
0.70

Graphitic

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

--- CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

$$\frac{5.00, 6.00, 4.80}{5.25} = \frac{\% \text{Pb}, \% \text{Zn}, \text{Agoz/T}}{\text{Width (metres)}}$$

090955

MOUNT HUNDERE PROPERTY
YUKON TERRITORY
SOUTH SHOWING
CROSS SECTION 3+37W

Metres 5 0 5 10 Metres

CIMA RESOURCES LTD. N.T.S. 105-A/10

SEPTEMBER 5, 1981

0+10N

BASELINE

0+10S

0+20S

0+30S

0+40S

0+50S

0+60S

1440 m

1430 m

1420 m

1410 m

1400 m

1390 m

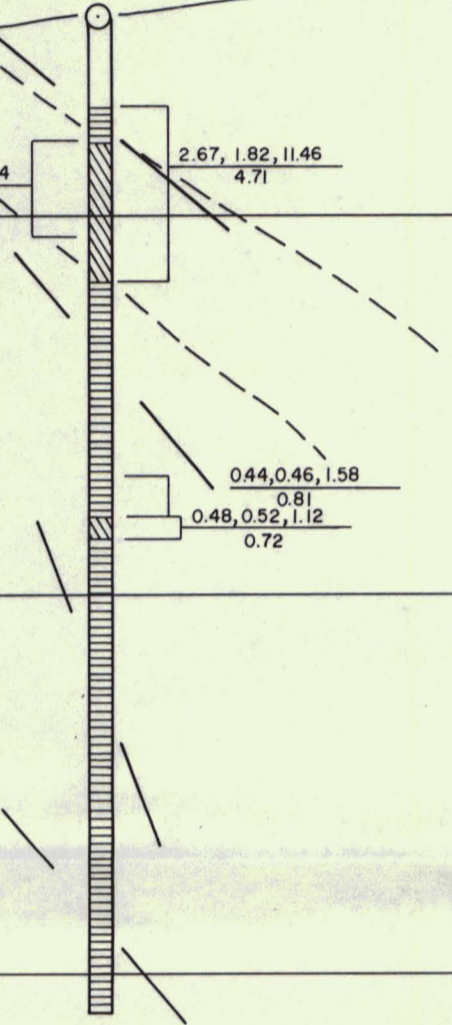
1380 m

S-64
-90°

4.60, 1.82, 19.94
2.53

2.67, 1.82, 11.46
4.71

0.44, 0.46, 1.58
0.81
0.48, 0.52, 1.12
0.72



LEGEND

- UNIT 2 LIMESTONE
- UNIT 2m ALTERED LIMESTONE
- UNIT 1 PHYLLITE
- ACTINOLITE SKARN - MINOR SULPHIDES
- OXIDIZED SULPHIDES
- PRIMARY SULPHIDES
- MUD, SILT

--- CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

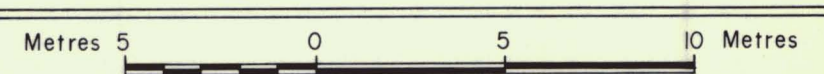
$$\frac{5.00, 6.00, 4.80}{5.25} = \frac{\% \text{Pb}, \% \text{Zn}, \text{Ag oz/T}}{\text{Width (metres)}}$$

097955

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

SOUTH SHOWING

CROSS SECTION 3+49W



CIMA RESOURCES LTD.

N.T.S. 105-A/10

0+10N

BASELINE

0+10S

0+20S

0+30S

0+40S

0+50S

0+60S

S-60, S-70
-80°

1440 m

1430 m

1420 m

1410 m

1400 m

1390 m

1380 m

S-56
-80°

S-54
-90°

S-36
-80°

Quartz 0.16, 0.02, 0.44
1.53

Quartz 0.33, 5.39, 0.77
1.01

17.10, 1.16, 34.80
1.83

9.16, 6.12, 14.60
4.88

1.56, 0.64, 3.77
50.30, 0.42, 176.75
1.52

10.71, 0.85, 36.18
8.54








2.40, 1.07, 6.62
4.85

7.56, 3.24, 2.10
2.75

Graphite

Quartz

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

--- CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

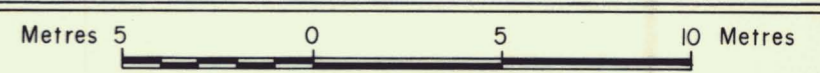
ASSAY SEQUENCE

$$\frac{5.00, 6.00, 4.80}{5.25} = \frac{\% \text{Pb}, \% \text{Zn}, \text{Ag oz/T}}{\text{Width (metres)}}$$

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

SOUTH SHOWING

CROSS SECTION 3+57W



CIMA RESOURCES LTD.

N.T.S. 105-A/10

SEPTEMBER 5, 1981

090955

0+10N

BASELINE

0+10S

0+20S

0+30S

0+40S

0+50S

0+60S

S-57
-80°

S-35
-80°

S-61
-90°

S-62
-90°

1440 m

1430 m

1420 m

1410 m

1400 m

1390 m

1380 m

13.79, 2.67, 6.10
6.55

1.58, 5.54, 1.00
3.20

0.03, 2.42, 0.02
2.39

0.24, 3.12, 0.23
5.53

0.02, 2.70, 0.16
1.50

5.04, 8.68, 1.76
3.60

8.52, 8.10, 1.37
6.90

2.38, 11.40, 0.60
1.40

0.52, 0.64, 1.18
5.60

0.30, 0.96, 0.28
4.14

4.46, 4.90, 1.27
4.88

10.30, 12.20, 26.00
1.22

2.31, 8.94, 4.65
10.06

0.78, 7.10, 1.80
1.26

1.66, 3.38, 1.36
1.84

2.32, 31.60, 0.60
1.22

2.02, 4.36, 2.72
0.80

0.24, 1.86, 0.28
1.70








0.31, 3.17, 0.32
9.34

qtz

qtz

qtz

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

--- CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

$$\frac{5.00, 6.00, 4.80}{5.25} = \frac{\%Pb, \%Zn, Ag \text{ oz/T}}{\text{Width (metres)}}$$

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

SOUTH SHOWING

CROSS SECTION 3+77W

Metres 5 0 5 10 Metres

CIMA RESOURCES LTD.

N.T.S. 105-A/10

SEPTEMBER 5, 1981

090955

0+10N

BASELINE

0+10S

0+20S

0+30S

0+40S

0+50S

0+60S

1440 m

1430 m

1420 m

1410 m

1400 m

1390 m








1380 m

S-63
- 90°



0.34, 1.36, 0.40
0.90
0.52, 5.56, 0.80
1.60
0.36, 2.94, 0.32
0.28

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

--- CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

$$\frac{5.00, 6.00, 4.80}{5.25} = \frac{\% \text{Pb}, \% \text{Zn}, \text{Ag oz/T}}{\text{Width (metres)}}$$

090955

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

SOUTH SHOWING

CROSS SECTION 4+03 W

Metres 5 0 5 10 Metres

CIMA RESOURCES LTD.

N.T.S. 105-A/10

SEPTEMBER 5, 1981

1+80W

1+70W

1+60W

1+50W

1+40W

1+30W

1+20W

1+10W

1450 m

1440 m

1430 m

1420 m

1410 m








1400 m

1390 m

S-65
- 80°

C.04 . 0.06 . 1.02
0 50

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

—, - - - CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

Width (metres)	%Pb, %Zn, Ag oz/T
5.00, 6.00, 4.50	
5.25	

090955

MOUNT HUNDERE PROPERTY
YUKON TERRITORY
WEST SHOWING
CROSS SECTION 17+75 S

Metres 5 0 5 10 Metres

CIMA RESOURCES LTD. N.T.S. 105-A/10

1+70W

1+60W

1+50W

1+40W

1+30W

1+20W

1+10W

1+00W

1440 m

1430 m

1420 m

1410 m

1400 m








1390 m

1380 m

S-66
-70°

0.88, 3.36, 0.86
1.26

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

—, - - - CONTACT OBSERVED, INFERRED

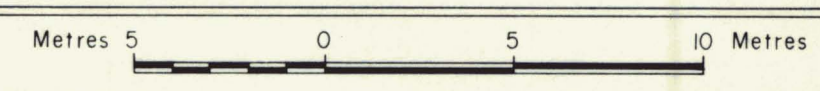
ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

5.00, 6.00, 4.50	%Pb, %Zn, Ag oz/T
5.25	Width (metres)

MOUNT HUNDERE PROPERTY
YUKON TERRITORY
WEST SHOWING
CROSS SECTION 18+05 S



1+70W

1+60W

1+50W

1+40W

1+30W

1+20W

1+10W

1+00W

1450m

1440m

1430m

1420m

1410m








1400m

S-67
-70°

1.14, 1.76, 0.20
0.30

0.01, 0.12, 0.04
0.30

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

--- CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

5.00	6.00, 4.5	%Pb, %Zn, Ag oz/T
	5.25	Width(metres)

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

WEST SHOWING

CROSS SECTION 18+37 S

Metres 5 0 5 10 Metres

CIMA RESOURCES LTD.

N.T.S. 105-A/10

105-955

1+70W

1+60W

1+50W

1+40W

1+30W

1+20W

1+10W

1+00W

1460m

1450m

1440m

1430m

1420m








1410m

1400m

S-68
-80°

2.88, 3.78, 0.30
0.25

LEGEND

-  UNIT 2 LIMESTONE
-  UNIT 2m ALTERED LIMESTONE
-  UNIT 1 PHYLLITE
-  ACTINOLITE SKARN - MINOR SULPHIDES
-  OXIDIZED SULPHIDES
-  PRIMARY SULPHIDES
-  MUD, SILT

—, - - - CONTACT OBSERVED, INFERRED

ABBREVIATIONS

- gn GALENA
- sp SPHALERITE
- py PYRITE
- qtz QUARTZ

ASSAY SEQUENCE

5.00, 6.00, 4.5	%Pb, %Zn A J μ /I
5.25	Width(metres)

090955

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

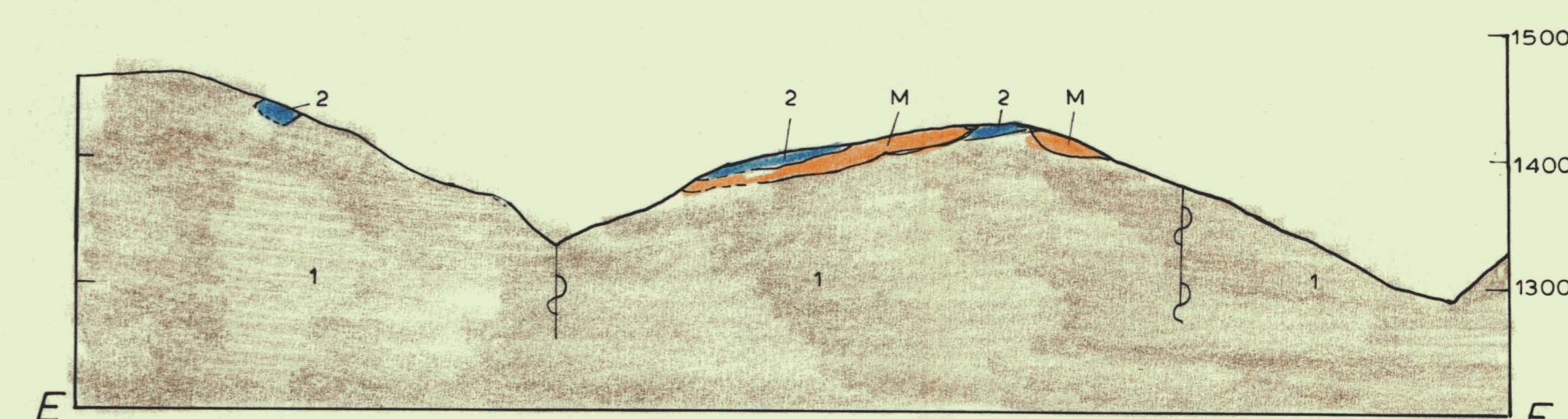
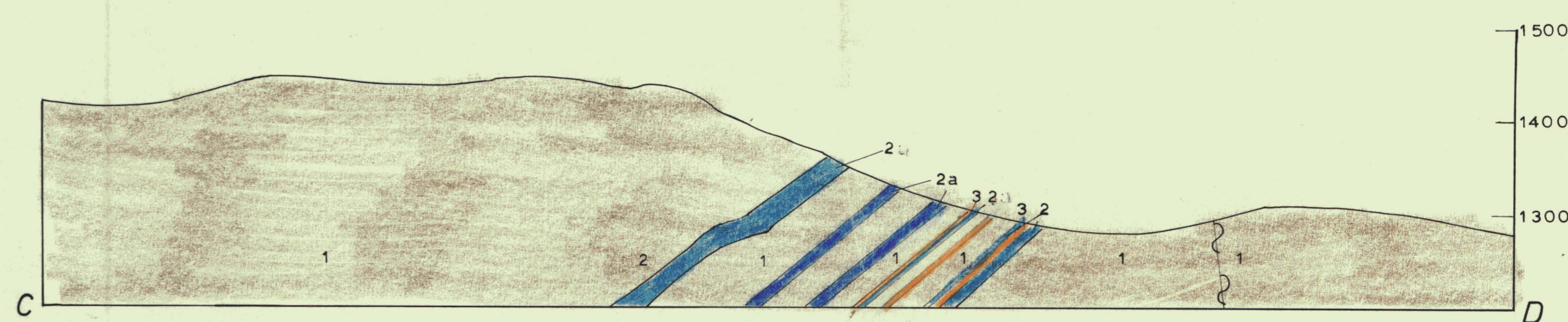
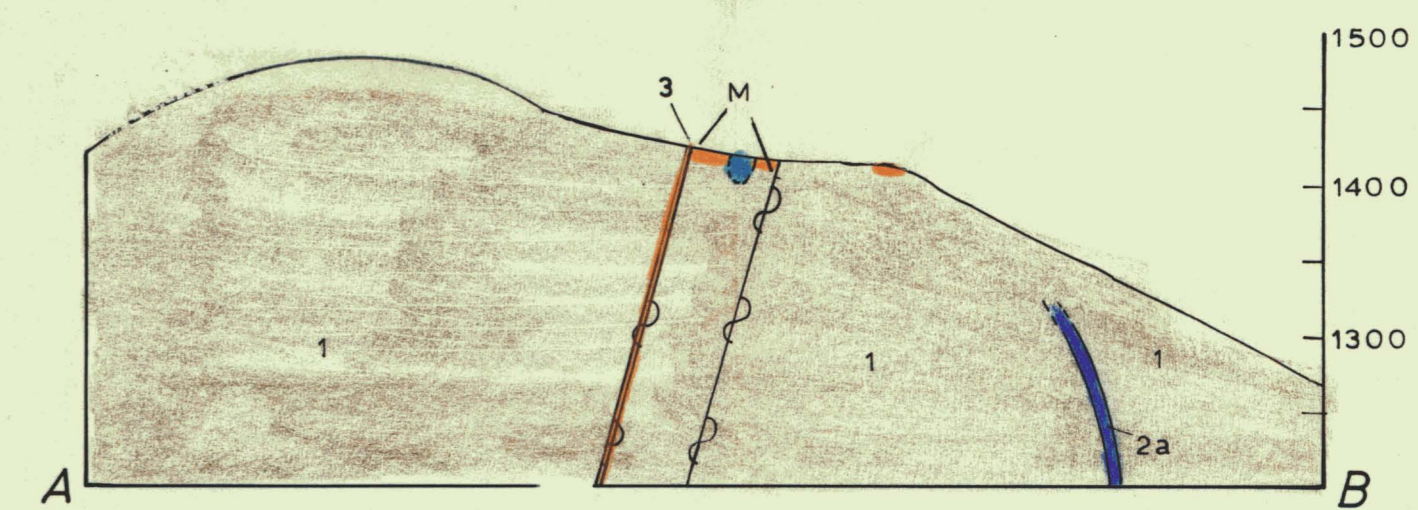
WEST SHOWING

CROSS SECTION 18+75 S

Metres 5 0 5 10 Metres

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N.T.S. 105-A/10



LEGEND

- Qal Quaternary alluvium
- Qgal Quaternary glacial deposits
- Micro-porphyrific dikes
- Greenstone coarse grained diorite
- Lower Cambrian limestone
white crystalline limestone containing archeocyathid fossils
- Lower Cambrian graphitic limestone
- Lower Cambrian phyllites
calcareous phyllites, siltstones and argillites locally graphitic

- Contacts:
 - definite
 - approximate
 - concealed
- Faults:
 - with strike and dip of the fault plane and plunge of slickensides
- Foliation:
 - with L₁ lineation and dip of parallel cleavage
 - with L₂ lineation
- Fold Axis:
 - synclinal
- M Mineralization
galena and sphalerite
- Xca Calcite
- Xfl Fluorite

MAP N° 1 090953

MOUNT HUNDERE PROPERTY
YUKON TERRITORY

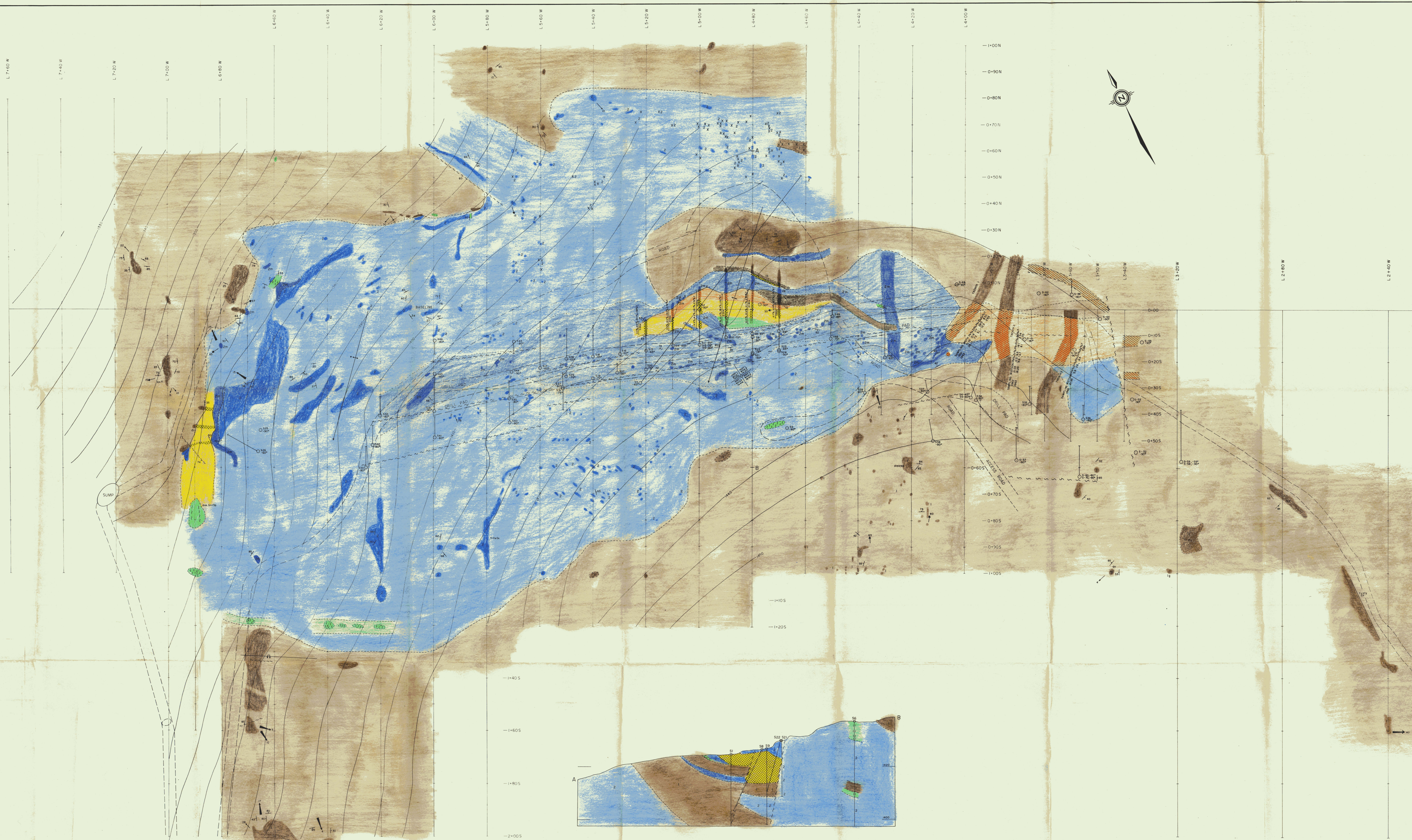
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GEOLOGIC MAP (REVISED)

SCALE 1:5000

N.T.S. : 105 A 10

SEPT. 1981



LEGEND

- LOWER CAMBRIAN ?
- ALTERED LIMESTONE - COARSELY CRYSTALLINE
 - FINE GRAINED, BLUE-GREY LIMESTONE
 - ALTERED PHYLLITE - GREEN TO BROWN, SILICEOUS
 - BLACK TO GREY PHYLLITE AND SLATE
 - GREEN, COARSE GRAINED ACTINOLITE SKARN MAY CONTAIN MINERALIZATION
 - OXIDIZED MINERALIZED ZONE WITH REMNANT SULPHIDE
 - PRIMARY SULPHIDE
 - X OUTCROP
 - FELSENMEER, FLOAT
 - GEOLOGICAL CONTACT DEFINED, ASSUMED
 - FAULT OR SHEAR SHOWING DIP
 - BEDDING ATTITUDE
 - JOINTING ATTITUDE, FRACTURE INCLINED, VERTICAL
 - CLEAVAGE FOLIATION ATTITUDE INCLINED
 - LINEATION SHOWING PLUNGE
 - B1 - S TYPE FOLDS AND WRINKLE CRENULATIONS SHOWING PLUNGE
 - B2 - LARGE SCALE OPEN TO TIGHT FOLDS SHOWING PLUNGE
 - MAJOR FOLD AXIS: ANTICLINE, SYNCLINE, SHOWING PLUNGE
 - (OVERTURNED ANTICLINE, OVERTURNED SYNCLINE)
 - DIAMOND DRILL HOLE (COLLAR, SURFACE PROJECTION)
 - DRILL ACCESS ROAD

Cd CHALCOPYRITE Py PYRITE Cf CALCITE
 gn GALENA Fl FLUORITE
 Sp SPHALERITE Qv QUARTZ VEIN

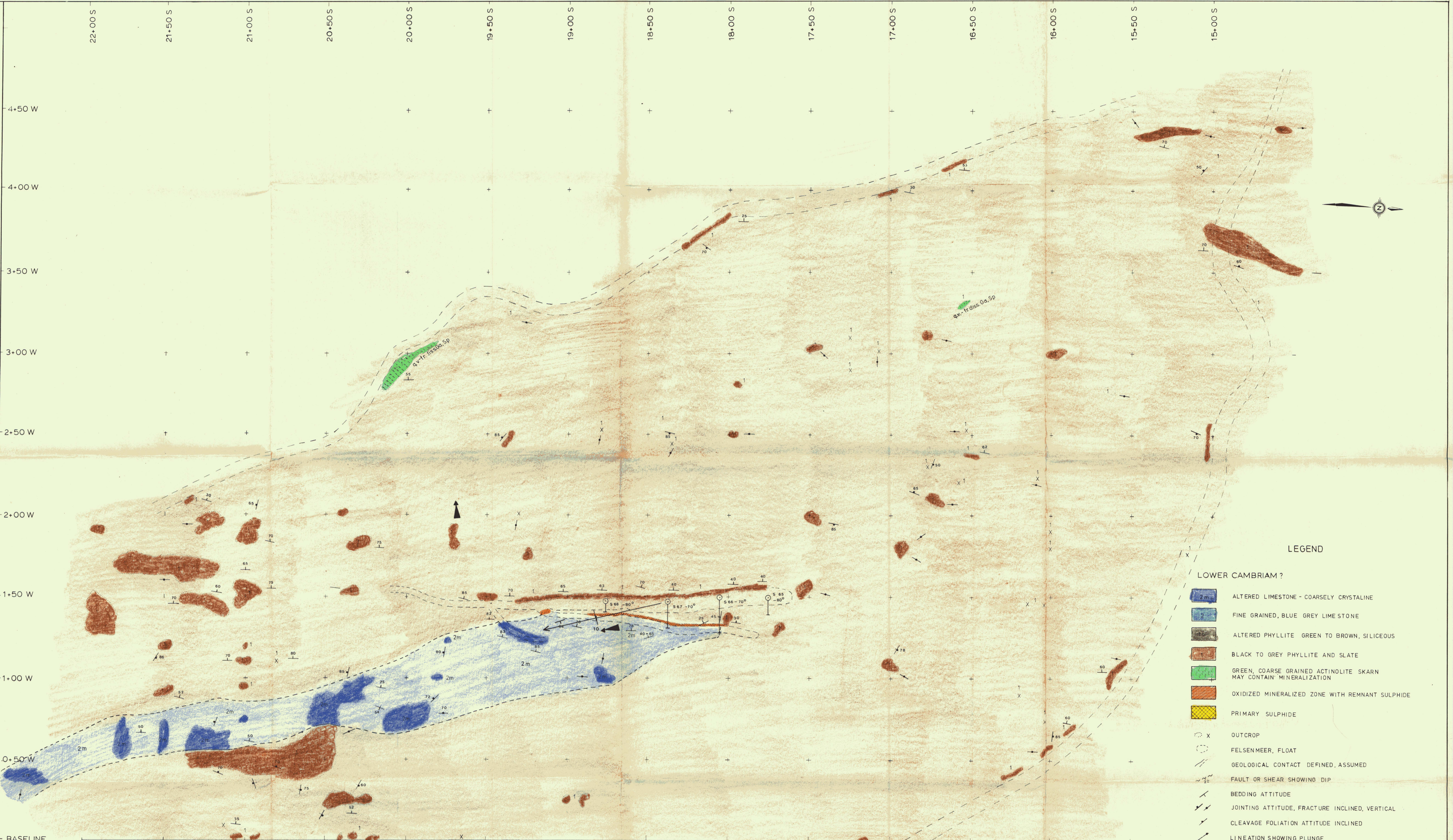
090955

CIMA RESOURCES LTD
MOUNT HUNDERE PROPERTY
YUKON TERRITORY

SOUTH SHOWING
GEOLOGICAL MAP

SCALE 1:400
METRES 0 10 20 30

COMPILED BY: DATE: OCT 24, 1980 REVISION: SEPT 4, 1981 NTS 105 & 110 MAP NO 2



LEGEND

- LOWER CAMBRIAN?**
- 2m ALTERED LIMESTONE - COARSELY CRYSTALLINE
 - FINE GRAINED, BLUE GREY LIMESTONE
 - ALTERED PHYLLITE GREEN TO BROWN, SILICEOUS
 - BLACK TO GREY PHYLLITE AND SLATE
 - GREEN, COARSE GRAINED ACTINOLITE SKARN MAY CONTAIN MINERALIZATION
 - OXIDIZED MINERALIZED ZONE WITH REMNANT SULPHIDE
 - PRIMARY SULPHIDE
 - OUTCROP
 - FELSENMEER, FLOAT
 - GEOLOGICAL CONTACT DEFINED, ASSUMED
 - FAULT OR SHEAR SHOWING DIP
 - BEDDING ATTITUDE
 - JOINTING ATTITUDE, FRACTURE INCLINED, VERTICAL
 - CLEAVAGE FOLIATION ATTITUDE INCLINED
 - LINEATION SHOWING PLUNGE
 - B₁-S TYPE FOLDS AND WRINKLE CRENULATIONS SHOWING PLUNGE
 - B₂-LARGE SCALE OPEN TO TIGHT FOLDS SHOWING PLUNGE
 - MAJOR FOLD AXIS ANTICLINE, SYNCLINE, SHOWING PLUNGE
 - (OVERTURNED ANTICLINE, OVERTURNED SYNCLINE)
 - DIAMOND DRILL HOLE (COLLAR, SURFACE PROJECTION)
 - DRILL ACCESS ROAD

090955

CIMA RESOURCES LTD
MOUNT HUNDERE PROPERTY
YUKON TERRITORY

**WEST SHOWING
GEOLOGICAL MAP**

SCALE: 1:1000
m 30 50 m