

85-535-14522

GEOLOGICAL, GEOPHYSICAL AND GEOCHEMICAL  
REPORT

on the

HEDLEY STAR CLAIM GROUP

for

05/86

BROHM RESOURCES INC

OSOYOOS MINING DIVISION

NTS 92H/08E and 82E/05W

LATITUDE 49° 19'

LONGITUDE 120° 01'

FILMED

SHANGRI-LA MINERALS INC

F. DI SPIRITO, B.A.Sc, PENG,  
S.P. BUTLER, B.Sc

December 16, 1984  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

14,522

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PRELIMINARY REPORT  
for  
BROHM RESOURCES INC  
on the  
HEDLEY STAR CLAIM GROUP

PART I

SUMMARY AND CONCLUSIONS:

The Hedley Star Group consists of 62 contiguous mineral claims. They are located in the Hedley area which was formerly one of the largest gold producers in North America. These claims adjoin the French Mine and nearby Good Hope Mine which is currently under option to Placer Developments Ltd.


The area has been given considerable attention due to the recent exploration and drill programmes of Mascot Gold Mines, Cominco, and Placer Developments Ltd. The 1984 exploration programme of Mascot Gold is budgeted at \$3.5 million and will try to increase 1983 reserves at the Nickel Plate Mine from 500,000 tons grading .288 oz/ton gold to more than a million tons of a similar grade. Recent assays have extended this ore zone near the surface and have established a zone 1370 meters by 120 meters that is open on both ends as well as down dip.

The geological environment of the Hedley Star Claims is similar to the Nickel Plate Mine, French Mine, Canty Mine, and Apex Mine. Encouraging results have been obtained from the preliminary exploration programme carried out on the Hedstar claim which have outlined areas with anomalous gold values with coincident geophysical conductive zones. A systematic exploration programme to locate a source of mineralization similar to these nearby mines and to test areas of potential gold bearing zones is, therefore, recommended on the Hedley Star Claim Group.

RECOMMENDATIONS

A three stage programme of geochemical and geophysical surveys, sampling and trenching, followed by diamond drilling is recommended. The total cost of the three stages is estimated at \$ 227,000.

Respectfully submitted,



F. D. Spirito, B.A.Sc., P.ENG

The seal is circular with a double-line border. The outer ring contains the text 'PROFESSIONAL' at the top and 'ENGINEER' at the bottom. Inside the ring, the text 'PROVINCE OF' is at the top, 'OF' is in the center, 'F. DISPIRITO' is in the middle, and 'COLUMBIA' is at the bottom.

December 16, 1984

PRELIMINARY REPORT  
for  
BROHM RESOURCES INC  
on the  
HEDLEY STAR CLAIM GROUP

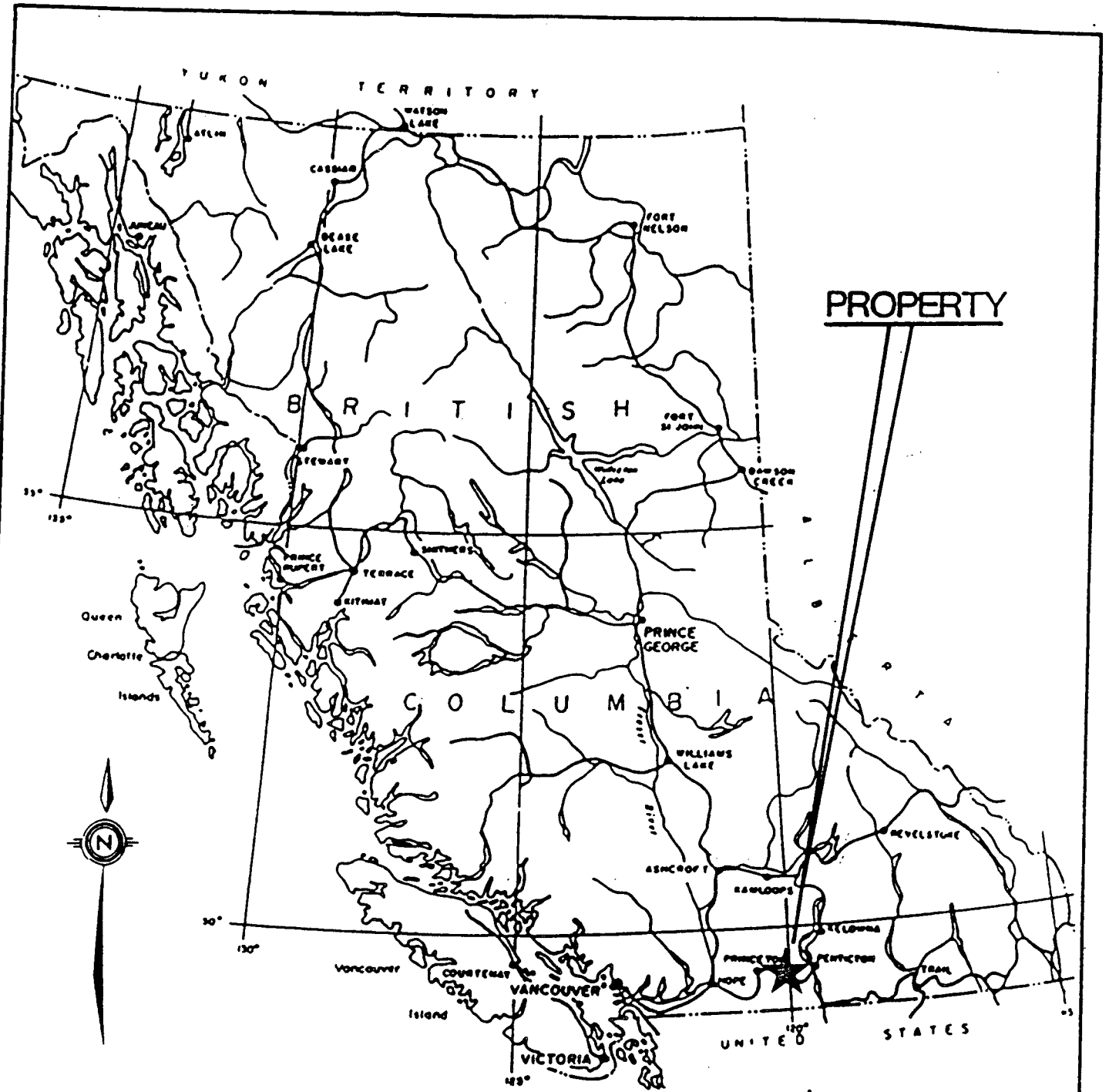
PART II

INTRODUCTION

The writer was retained by Shangri-La Minerals Ltd. on behalf of Brohm Resources Inc, the owner of the property, to report on the Hedley Star Claim Group located in Hedley, B.C.

This area, formerly host of one of the most productive gold mines in Canada, has recently acquired considerable interest due to the diamond drill programme carried out by Mascot Gold Mines at the Nickel Plate Mine and the recent interest by Cominco in the Apex Mountain area as well as the optioning of the Good Hope Resources properties by Placer Developments which has resulted in the staking of surrounding ground.

The Hedley Star Claims adjoin the French Mine which produced 52,000 ounces of gold in the 1950's with an average grade of .6 oz/ton, and are located in an area of similar geology to Nickel Plate, Mascot, Good Hope, Canty, Apex, and French Mines which are all former producing mines from this area.



<i>SHANGRI LA MINERALS LTD</i>				
<b>BROHM RESOURCES INC</b>				
<i>HEDLEY STAR CLAIMS</i>				
<b>LOCATION MAP</b>				
SCALE 1:6,300,000	DATE DEC 1984	NTS 92H 8E	JOB NO.	FIGURE 1.

Information for this report was compiled from various publications and reports available for the area, and a property visit by the author during August, 1984, as well as a programme of geological mapping and sampling by S.P. Butler, geologist, and a geological, geochemical and geophysical survey conducted by Shangri-La Minerals Ltd.

PROPERTY

The Hedley Star Claim Group is 4 contiguous mineral claims consisting of 62 units covering approximately 3,120 acres located in the Osoyoos Mining Division, NTS 92H/8 and 82E/5. Particulars are as follows:

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>NO. OF UNITS</u>	<u>EXPIRY DATE</u>
HEDLEY STAR	2026	20	MAY 15, 1985
BRADSHAW	2027	20	MAY 15, 1985
XR-1 CLAIM	2028	6	MAY 15, 1985
SPANISH GOLD	2083	16	AUGUST 9, 1985

Any legal or title aspects pertaining to these claims are beyond the scope of this report.

LOCATION AND ACCESS

The Hedley Star Claims are located approximately 5 km south east of Hedley, B.C. at Latitude 49 19, and Longitude 120 01. Hedley is located 340 km east of Vancouver by road.

The Trans Canada Highway runs along the west side of this claim group giving excellent access. Power lines are adjacent to the highway on the property with water available from Winters Creek and Bradshaw Creek. Access on the north end of the claims is by a good gravel road leading to the French Mine.

#### PHYSIOGRAPHY

The middle claim, the Hedley Star Claim, is situated on the steep western slope of a mountain which descends to Winters Creek on the north and Bradshaw Creek on the south with elevations varying from 1700 to 5000 feet. The Bradshaw Claim is located on the south bank of Bradshaw Creek with the same elevations. The northern claims, the XR-1 and Spanish Gold Claims, cover the north-west bank of Winters Creek from 2500 to 5000 feet in elevation.

Steep, grassy slopes with occasional plateaus and some coniferous stands of timber cover most of the claims. Annual precipitation varies with the elevation in this "dry" climate with an average of about 30 cm per year. Exploration work can be performed most of the year with the exception of the winter months with snow commencing in October in the higher ground.

#### HISTORY

The discovery of placer gold in the Similkameen River in the 1860's lead prospectors to the Nickel Plate Mine which was staked in 1897.

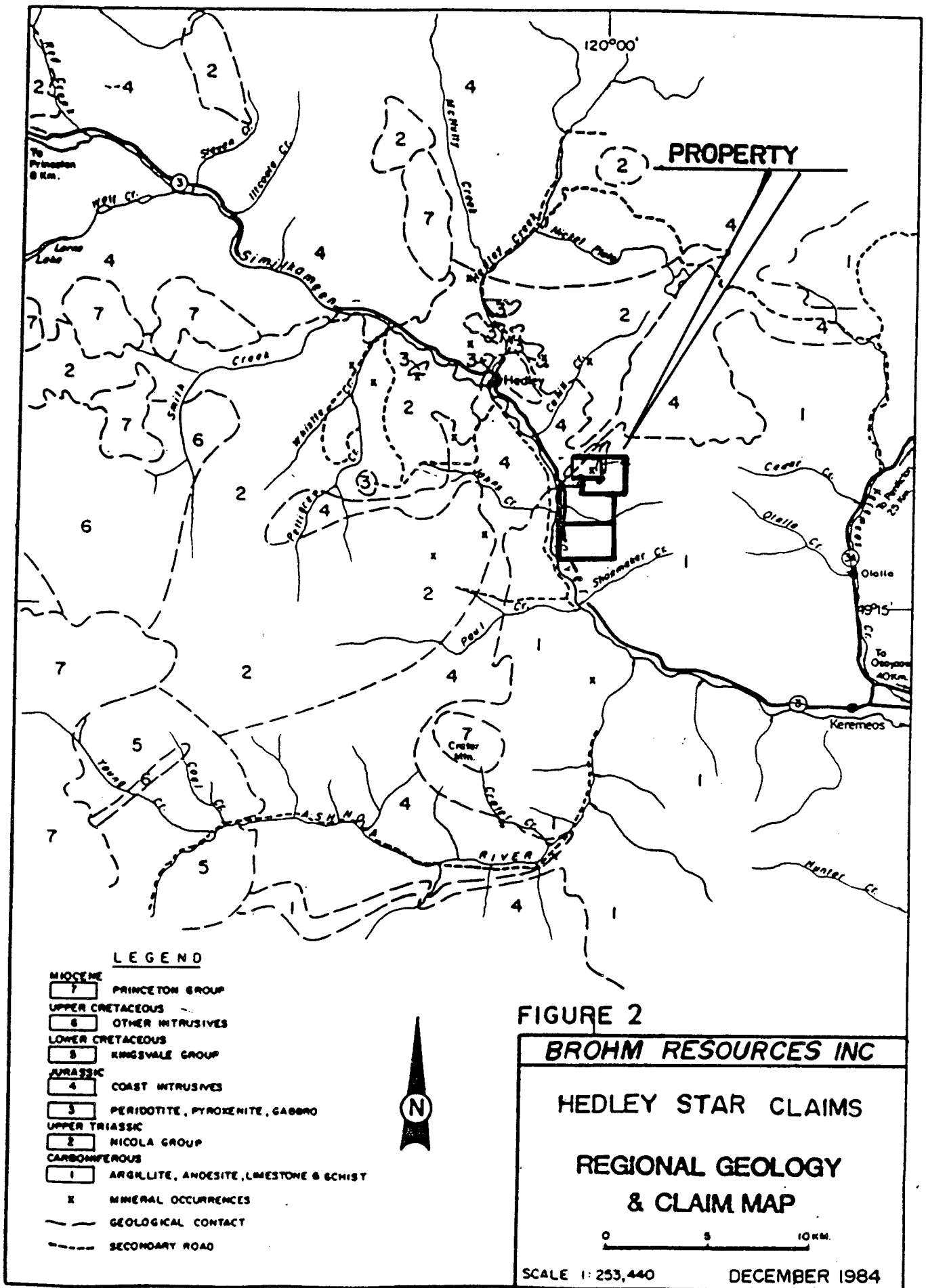


Production commenced in 1905 with the forming of the Yale Mining Company, backed by New York money, until operations were taken over by the Hedley Mining Company in 1909.

Reserves were mined until 1930 when the orebodies were believed to be exhausted. Paul Billingsley, a geological engineer from Denver, headed a team of geologists that commenced mapping the underground workings and interpreting the geological complexities until a new company called the Kelowna Exploration Company Ltd was formed, again backed by a group of New York financiers. After an extensive diamond drill programme was completed, production recommenced in 1934 continuing until reserves were mined out in 1955.

The Mascot Fraction, an 8 acre claim which was staked by H. Woods of Hedley in 1934, was sold to a Vancouver group who formed Hedley Mascot Mines. This small fraction produced 223,000 ounces of gold until 1949.

The French Mine, which is located approximately 100 meters from the north boundary of the Hedley Star Claim Group, produced 52,000 ounces with a grade of 0.6 oz/ton gold between 1950 and 1962. The Good Hope open pit mine, another producer in the area, is located 1000 meters north of the Hedley Star Claims.



The total production of gold from the area amounted to 1,730,000 ounces with 188,000 ounces of silver and 4,000,000 pounds of copper from the Nickel Plate and Mascot Mines. The recent exploration programmes of Mascot Gold Mines, Placer Developments, and Cominco have sparked a new interest to take a closer look at the surrounding areas for new orebodies. As a result of the current drilling programme of Mascot Gold, a new ore zone 1370 meters by 120 meters that is open on both ends and down dip has been established.

#### REGIONAL GEOLOGY AND MINERALIZATION

The Hedley area is underlain by the Nicola volcanics and sediments of Triassic age which have been intruded by the Jurassic Coast Intrusives.

Strong tectonic pressure from the east and west caused a series of anticlinal and synclinal folding, the axes of which strike N 15 - 20 E and are cut in places by faults. Various stocks, dikes and sills of diorite, gabbro, and granodiorite appear to be channels for hydrothermal solutions responsible for mineralization in these folded structures. The mineralization is related to various structural controls such as faulting with no vein deposits occurring in the Nickel Plate Mine.

The oldest rocks in the area, which occur mainly south-east of Winters Creek, include the Bradshaw, Independence, Shoemaker and Old Tom Formations which are composed of chert, argillite, quartzite, limestone and breccia.

To the north-west, the Nickel Plate Formation which is composed of limestone, quartzite and breccia is the host to most of the mineralization in the area.

The hydrothermal solutions responsible for the mineralization in the Nickel Plate Mountain formations probably emanated from a large intrusive body lying along Hedley Creek. These solutions migrated along fault planes where they were channeled through fissures, sills and dikes. Most of the mineralization occurs along fractured folds and is related to porphyritic intrusions.

Arsenopyrite, found in a skarn composed of garnet, pyroxene, quartz, epidote, and occasional garnetite, is associated with all the ore produced in the Hedley area. In the Apex area gold, copper and silver are associated with arsenopyrite, pyrrhotite and chalcopyrite.

There are various controlling factors for mineralization within the Nickel Plate deposit which include:

- (1) Favourable beds within the Nickel Plate Formation.
- (2) Relationship to the "Marble Line" or bowl shaped skarn line.

Economic mineralization occurs within this altered skarn zone.

- (3) Dikes and sills and the proximity to them are closely associated as the source of mineralization within the deposits.
- (4) Gold deposits appear to be localized where fracturing of the folds has occurred.

(5) Arsenopyrite is associated with all the deposits in this area.

The mineralization at the French, Good Hope, and Canty Mines which adjoin the Hedley Star Claims appears to come from a different source than the Nickel Plate Mine although much of the criteria is the same. Both deposits are associated with a pyroxene skarn zone underlain by dioritic and granodioritic sills with arsenopyritic mineralization.

#### LOCAL GEOLOGY AND MINERALIZATION

The underlying geology as indicated on G.S.C. Maps 568A and 628A consists of Triassic age and older Bradshaw and Independence formations. In the northwest corner is a Jurassic age granodiorite.

The Bradshaw and Independence formations are mainly chert, argillite, and volcanics within the area of the claims. A traverse on the slope south of Bradshaw Creek showed a dark, siliceous rock, either a cherty argillite or a volcanic which was intruded in places by granodiorite dykes. Near one of the dykes a siliceous sample of chert and quartz (sample 3761E) returned greater than 10,000 ppm arsenic and greater than 10,000 ppm copper with 0.06 oz/ton gold and 13.8 ppm silver. Outcrops inspected on the north side of Bradshaw Creek were mainly a dark green volcanic with, locally, pyrite associated with quartz.

In the northwest corner of the claim group, near the French Mine, a grid was established. Rocks collected from outcrops along the grid indicate a granitic unit, probably related to the granodiorite stock to the north. The granitic rocks intrude a package of argillites and quartzite. Two rock samples from this grid returned values of 0.192 and 0.199 oz/ton gold (samples 3750E and 3751E).

#### GEOCHEMISTRY

A total of 111 soil samples taken from the XR-1 claim resulted in several anomalous gold values which are plotted on Map 2 (in the pocket). The soil samples were collected from the "B" soil horizon at depths of 5 to 19 cm using a mattock. The locations were marked by sample numbers on fluorescent flagging tape. The samples were then placed in Kraft envelopes and sent to Acme Analytical Laboratories Ltd. of Vancouver where they were dried at 60 C, pulverized and sieved at -80 mesh. A 0.5 gram sample was digested in 3 millilitres of hot dilute aqua regia (3:1:3/HCL:HNO<sub>3</sub>:H<sub>2</sub>O) in a boiling water bath for one hour and diluted to 10 millilitres with water. The samples were analyzed by having 10.0 gram samples ignited overnight @ 600 C digested by hot aqua regia and extracted by Methyl Isobutyl Ketone. The ketone solution was used to determine gold content by atomic absorption methods.

From the total of 32 soil samples taken from the Bradshaw claim only sample B-800 showed any anomalous gold value (28 ppb\*)

GEOPHYSICS

"Shootback" Electromagnetic Survey

A Crone model shootback EM system (CEM) was used to collect data over the XR-1 claim. The Crone system consists of 2 similar coils and can be used as transmitter or receiver. The functions of transmitter and receiver coils are reversed at each recording station, thus avoiding the use of a reference cable, sensitivity to coil separation and topographic effects. A transmitter frequency of 1830 hertz was utilized to make all measurements. The coil separation was 60 meters and measurements were taken every 30 meters.

The resultant dip angle data have been plotted in standard profile form in Map 1. The CEM survey has revealed a series of sub-parallel conductive zones which strike in a general northeast - southwest direction consistent with the major structures in the area. All the conductors appear to be linear and the depth to the top of the sources of the conductors appear to be near surface. The conductive zones outlined by the present survey are most likely associated with faulting or

shearing of the country rocks. Most interestingly, many of the conductors correlate directly to anomalous gold geochemistry values, suggesting that the conductive zones may represent the surface traces of the conduits for mineralizing fluids.

#### RECOMMENDATIONS

A three stage programme to delineate diamond drill targets is recommended on the Hedley Star Group of claims.

The first stage should consist of thorough geological mapping and prospecting. The seven orebodies of the Nickle Plate Mine are relatively deep deposits that outcropped in one area only. Initially, a grid should be established in order to conduct a systematic magnetometer, VLF-EM, and geochemical survey. The magnetometer survey will assist in mapping formations and locating areas underlain by pyrrhotite. The VLF-EM survey should pick up any conductors near surface, and the geochemical soil survey will indicate areas of strongest mineral concentrations. The grid should consist of E-W lines at 100 meter spacings with stations every 30 meters.



The second stage which would be contingent upon encouraging results from the first stage should consist of detailed geochemical sampling, trenching, and detailed geophysical surveys consisting of an Induced Polarization and Resistivity survey, detailed Magnetometer and VLF EM surveys. The adits above Winters Creek should also be opened up, mapped and sampled at this time.

Contingent on favourable results in the second stage, the third stage would consist of diamond drilling of anomalous areas outlined in previous stages.

COST ESTIMATE OF RECOMMENDED PROGRAMMES

Stage 1.

Establish grid and linecutting	\$ 1,500.
Geochemical sampling and assays 600 samles @ \$20.	12,000.
Magnetometer Survey 20 km @ \$125./km	2,500.
VLF-EM Survey 20 km @ \$125./km	2,500.
Geological mapping, sampling, prospecting	4,500.
Engineering, supervision, reports, maps	6,000.
Camp	3,500.
Transportation	1,500.
Contingencies	<u>4,000.</u>
 TOTAL COST OF STAGE 1.	 \$ 38,000.

Stage 2.

Grid and linecutting	\$ 5,000.
Detailed Geochem 1000 samples @ \$20.	20,000.
Detailed mag survey	3,000.
Detailed Em survey	3,000.
Trenching and sampling	2,000.
IP Survey 20 km @ \$600.	12,000.
Open and sample adits	4,000.
Engineering, Interpretation, supervision	6,000.
Drafting	1,000.
Camp	4,000.
Transportation	1,500.
Contingencies	<u>7,500.</u>
 TOTAL COST OF STAGE 2.	 \$ 69,000.

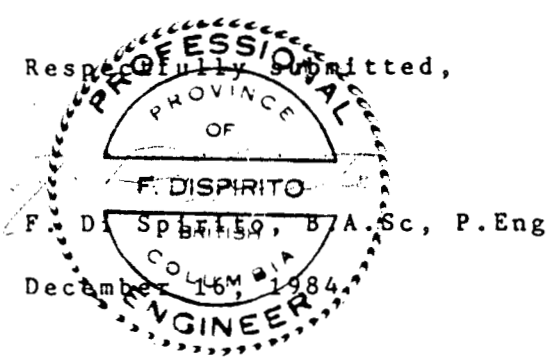
Stage 3.

Diamond drilling 1,200 meters @ \$100./meter (all inclusive)	\$ 120,000.
 TOTAL COST OF EXPLORATION PROGRAMME	 \$ <u>227,000.</u>

Respectfully submitted,

F. DISPIRITO  
F. D. Sp. B. Sc., B.A. Sc, P. Eng

December 16, 1984.



BIBLIOGRAPHY

HAINSWORTH, W.G.                      Report on the Nickle Plate  
Property for Mascot Nickel  
Plate Mines Ltd. May 1, 1980

BOSTOCK, H.S. and McNAUGHTON, D.A.  
Hedley Geology Map No. 568A,  
Similkameen, Osoyoos, and  
Kamloops Districts. Bostock  
(1926-1930); McNaughton (1937)

GEORGE CROSS NEWSLETTER            Mascot Gold Mines Ltd.  
December 3, 1984.  
No. 232

CERTIFICATE

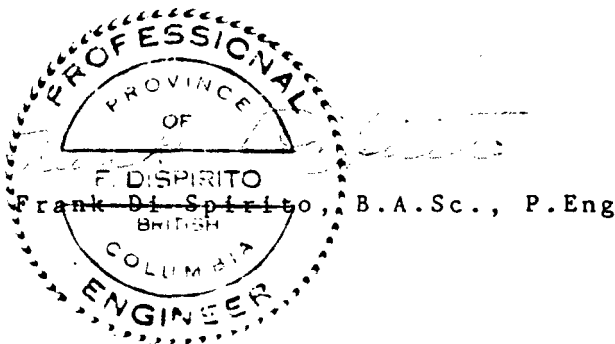
I, Frank Di Spirito, of the City of Vancouver in the Province of British Columbia do hereby certify:

That I am a Consulting Engineer with the Firm of Shangri-La Minerals Limited of 206-744 West Hastings Street, Vancouver, British Columbia.

I further certify that:

- I) I am a graduate of the University of British Columbia (1974) and hold a Bachelor of Applied Science in Geological Engineering.
- II) I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.
- III) Since graduation I have been involved in numerous mineral exploration programmes throughout Canada and the United States.
- IV) This report is based on a personal field examination made of the mineral property in August of 1984 and on evaluation of information gathered or compiled by Mr. Sean Butler, geologist and Mr. Wayne McClay who managed the first phase of the programme.
- V) Neither I nor Shangri-La Minerals Ltd has direct or indirect interest in the property described herein or in Brohm Resources Inc nor do we expect to receive any.
- VI) This report may be utilized by Brohm Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C., December 16, 1984



CERTIFICATE:

I, SEAN P. BUTLER, of Vancouver, in the Province of British Columbia, do hereby certify that:

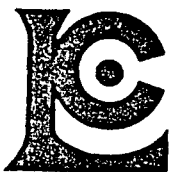
1. I am a graduate geologist of the University of British Columbia, and hold a Bachelor of Science Degree in Geological Sciences.
2. I have practised my profession continually since graduation.
3. This report was compiled from available data and a property visit in October, 1984.
4. I have no interest, direct or indirect, in the HEDLEY STAR CLAIM GROUP or in Brohm Resources Inc.

Dated at Vancouver, B.C., this 16th day of December 1984.

Sean P. Butler, Geologist.

APPENDIX

Assay results on Hedley Star Group



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

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## CERTIFICATE OF ASSAY

TO : BROHM DEVELOPMENTS LTD.

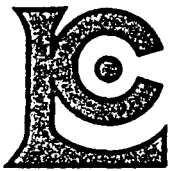
380 - 409 GRANVILLE ST.  
VANCOUVER, B.C.  
V6C 1T2

\*\* CERT. # : A8417651-001-  
INVOICE # : 18417651  
DATE : 14-NOV-84  
P.O. # : NONE  
ELDEN1663/HEDLEY ST

Sample description	Prep code	Au FA oz/T						
3750-E	207	0.192	--	--	--	--	--	--
3751-E	207	0.199	--	--	--	--	--	--
3752-E	207	0.060	--	--	--	--	--	--
3753-E	207	0.032	--	--	--	--	--	--
3754-E	207	0.026	--	--	--	--	--	--
3762-E	207	0.020	--	--	--	--	--	--

.....  
Registered Assayer, Province of British Columbia





# Chemex Labs Ltd.

*-Analytical Chemists*

*-Geochemists*

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## CERTIFICATE OF ANALYSIS

TO : BROHM DEVELOPMENTS LTD.

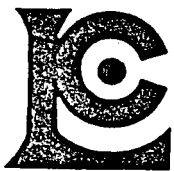
380 - 409 GRANVILLE ST.  
VANCOUVER, B.C.  
V6C 1T2

CERT. # : A8417653  
INVOICE # : I8417653  
DATE : 13-NOV-8  
P.O. # : NONE  
ELDEN1663/HEDLEY ST

Sample description	As ppm (ICP)	Mo ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Fe Z (ICP)	Mn ppm (ICP)	Cu ppm (ICP)	Ag ppm AAS
3750-E	<10	2	300	45	78	<2	<0.5	<1	<1	0.82	465	68	1.2
3751-E	<10	<1	240	670	52	<2	<0.5	2	<1	1.35	1450	56	0.8
3752-E	<10	1	110	500	20	<2	<0.5	71	3	2.93	535	110	0.6
3753-E	<10	<1	61	735	10	<2	<0.5	4	10	1.24	550	52	0.4
3754-E	<10	1	165	185	14	<2	<0.5	23	129	3.32	1290	99	<0.2
3762-E	>10000	4	4470	105	<1	<2	90.0	365	32	19.20	235	>10000	6.0

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER BRITISH COLUMBIA





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## CERTIFICATE OF ASSAY

TO : BROHM DEVELOPMENTS LTD.  
  
380 - 409 GRANVILLE ST.  
VANCOUVER, B.C.  
V6C 1T2

\*\* CERT. # : A8417654-001-  
INVOICE # : I8417654  
DATE : 14-NOV-84  
P.O. # : NONE  
HORSESHOE/ELDEN1662

Sample description	Prep code	Au FA oz/T					
3755-E	207	0.020	--	--	--	--	--
3759-E	207	0.212	--	--	--	--	--
3761-E	207	0.060	--	--	--	--	--

.....  
Registered Assayer, Province of British Columbia





# Chemex Labs Ltd.

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•Geochemists

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North Vancouver  
Canada

Telephone: (604) 981-1111

Telex: 041111

## CERTIFICATE OF ANALYSIS

TO : BROHM DEVELOPMENTS LTD.

★★

CERT. # : AS417655-

380 - 409 GRANVILLE ST.  
VANCOUVER, B.C.  
V6C 1T2

INVOICE # : I8417655

DATE : 13-NOV-81

P.O. # : NONE

HORSESHOE/ELDEN1662

Sample description	As ppm (ICP)	Ko ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cu ppm (ICP)	Ag ppm AAS
3755-E	1050	2	1110	290	6	<2	<0.5	40	19	1.38	1130	>10000	1.6
3759-E	>10000	7	325	165	2860	190	2.5	6	3	8.39	50	5950	72.0
3761-E	>10000	6	260	<10	360	17	4.5	43	9	2.49	375	>10000	13.8

## GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR Na, Fe, Ca, P, Cr, Mg, Ba, Ti, B, Al, Mn, K, W, Si, Zr, Ce, Sn, Y, Nb and Ta. Au DETECTION LIMIT BY ICP IS 3 PPM.  
- SAMPLE TYPE: SOILS - PULVERIZED Au ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 26 1984 DATE REPORT MAILED: *Nov 28/84* ASSAYER: *D.C. Lopez* DEAN TOYE. CERTIFIED B.C. ASSAYER

SHANGRI-LA PROJECT - XR-1 FILE # 84-3472

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au#
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
A 000 SE	1	47	11	107	.2	39	9	618	4.05	14	5	ND	5	41	1	2	2	72	.42	.04	12	54	.89	264	.30	8	2.56	.04	.71	2	12
A 030 SE	2	25	8	178	.1	25	8	1772	3.33	14	5	ND	4	37	1	2	2	52	.46	.07	11	23	.68	406	.26	12	2.10	.05	.60	2	8
A 060 SE	1	26	10	93	.1	24	6	642	2.78	19	5	ND	3	35	1	2	2	45	.34	.04	7	21	.34	201	.16	6	1.79	.04	.21	2	6
A 090 SE	1	38	12	139	.1	34	9	1467	3.30	19	5	ND	4	43	1	2	2	56	.45	.06	10	23	.41	316	.18	3	2.58	.05	.21	2	4
A 120 SE	1	37	11	78	.1	34	10	519	3.40	12	5	ND	4	43	1	2	2	64	.43	.04	11	41	.63	199	.20	3	2.19	.04	.31	2	11
A 150 SE	1	37	9	73	.1	32	8	562	3.07	11	5	ND	4	37	1	2	2	56	.36	.03	11	37	.52	179	.19	2	1.84	.04	.27	2	20
A 180 SE	2	41	12	123	.1	45	10	806	3.33	20	5	ND	3	38	1	2	2	56	.35	.04	9	25	.37	233	.17	4	2.46	.03	.11	2	13
A 210 SE	2	47	11	130	.1	44	9	473	3.36	16	5	ND	4	38	1	2	2	55	.35	.07	10	30	.46	215	.19	5	2.60	.04	.15	2	8
A 240 SE	1	29	7	131	.1	32	6	768	2.68	9	5	ND	3	36	1	2	2	43	.38	.07	6	26	.44	213	.16	7	2.05	.05	.31	2	13
A 270 SE	1	23	5	76	.1	21	6	850	2.25	8	5	ND	3	36	1	2	2	39	.40	.02	8	22	.35	161	.14	5	1.48	.04	.20	2	3
A 300 SE	1	32	12	93	.1	25	7	715	2.76	4	5	ND	4	39	1	2	2	46	.41	.03	9	24	.41	164	.16	6	1.98	.04	.26	2	4
A 330 SE	1	33	8	67	.1	25	7	637	2.75	6	5	ND	4	33	1	2	2	51	.39	.03	9	25	.44	158	.16	3	1.52	.04	.29	2	5
A 390 SE	1	25	9	52	.1	19	7	618	2.68	6	5	ND	3	38	1	2	2	51	.50	.04	10	23	.41	143	.14	7	1.36	.05	.29	2	4
A 420 SE	1	19	6	67	.1	20	6	762	2.45	6	5	ND	3	36	1	2	2	44	.47	.04	9	21	.37	161	.13	8	1.48	.04	.26	2	25
A 450 SE	1	19	11	66	.1	20	7	560	2.66	17	5	ND	3	32	1	2	2	48	.33	.05	7	23	.42	144	.15	5	1.93	.04	.21	2	34
A 480 SE	1	15	6	48	.1	16	5	259	2.46	10	5	ND	2	29	1	2	2	47	.40	.05	5	19	.34	81	.13	7	1.40	.04	.22	2	23
A 510 SE	2	23	7	69	.1	20	7	767	2.51	15	5	ND	2	37	1	2	2	45	.44	.08	8	20	.38	190	.13	11	1.85	.04	.22	2	46
A 540 SE	1	10	7	35	.1	9	4	246	1.86	7	5	ND	2	29	1	2	2	38	.38	.02	4	15	.28	60	.12	8	.99	.06	.18	2	22
A 570 SE	1	28	11	80	.1	19	7	938	2.39	14	5	ND	2	47	1	2	2	43	.58	.08	8	19	.39	202	.13	7	1.64	.04	.24	2	14
A 600 SE	2	34	10	85	.1	21	8	966	2.55	16	5	ND	3	45	1	2	2	47	.59	.11	10	21	.42	231	.13	7	1.55	.05	.34	2	6
A 630 SE	1	29	7	79	.2	20	8	844	2.72	15	5	ND	4	35	1	2	2	49	.46	.07	9	21	.43	187	.15	3	1.91	.04	.26	2	5
A 660 SE	1	36	8	77	.2	24	8	537	3.16	12	5	ND	5	36	1	2	2	56	.41	.04	11	26	.53	165	.18	6	2.24	.05	.35	2	8
A 690 SE	1	30	7	82	.1	22	8	821	2.96	10	5	ND	5	35	1	2	2	51	.39	.03	9	21	.48	168	.17	2	1.92	.05	.33	2	18
A 720 SE	1	33	7	92	.1	20	9	926	3.17	24	5	ND	3	38	1	2	2	56	.46	.05	11	21	.53	168	.17	8	1.99	.04	.37	2	8
B 000 SE	2	37	9	128	.1	44	8	754	3.16	13	5	ND	3	33	1	2	2	58	.32	.07	9	24	.43	215	.18	6	2.37	.04	.17	2	6
B 030 SE	1	24	7	82	.1	27	6	1232	2.55	10	5	ND	3	35	1	2	2	43	.37	.04	9	21	.40	219	.15	13	1.63	.04	.29	2	2
B 060 SE	2	35	10	112	.1	30	8	1174	3.41	13	5	ND	5	40	1	2	2	56	.39	.04	12	23	.49	311	.18	8	1.89	.04	.28	2	36
B 090 SE	1	41	13	87	.2	36	8	788	3.03	9	6	ND	5	39	1	2	2	52	.42	.03	11	30	.54	166	.17	6	1.79	.04	.29	2	6
B 120 SE	2	30	14	105	.1	29	7	1049	2.83	7	5	ND	4	39	1	2	2	49	.41	.03	11	25	.44	194	.17	8	1.87	.04	.25	2	4
B 150 SE	1	29	13	96	.3	30	8	1066	2.87	10	8	ND	5	35	1	2	2	53	.40	.04	8	26	.46	210	.17	6	1.66	.05	.30	2	4
B 180 SE	2	42	14	143	.1	28	9	1071	3.38	9	5	ND	5	38	1	2	2	52	.50	.04	10	25	.54	219	.19	14	1.99	.04	.36	2	6
B 210 SE	1	28	12	103	.1	26	7	918	2.66	11	5	ND	3	37	1	3	2	44	.43	.03	10	23	.40	155	.16	13	1.67	.05	.26	2	11
B 240 SE	1	30	9	59	.2	26	8	684	2.50	10	5	ND	4	28	1	2	2	45	.44	.03	9	26	.45	131	.15	4	1.20	.05	.27	2	70
B 270 SE	1	25	8	72	.2	21	7	1140	2.36	6	6	ND	4	36	1	3	2	38	.50	.04	9	17	.34	209	.14	7	1.73	.05	.26	2	13
B 300 SE	1	23	7	54	.2	19	6	633	2.56	7	7	ND	4	29	1	2	2	44	.46	.03	8	23	.40	135	.14	7	1.53	.05	.21	2	33
B 330 SE	1	34	7	51	.2	14	5	305	2.22	10	5	ND	4	35	1	2	2	37	.65	.04	7	20	.45	82	.13	12	1.41	.06	.22	2	5
B 360 SE	1	17	11	83	.3	17	6	711	2.29	9	5	ND	3	30	1	2	2	38	.38	.03	6	17	.34	148	.13	6	1.70	.04	.18	2	6
STD C/AU 0.5	20	61	39	131	7.2	68	27	1136	3.94	43	20	7	37	53	16	15	18	56	.44	.14	36	56	.88	177	.08	42	1.72	.07	.12	12	500

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PAGE 2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	M ppm	Au8 ppb
B 390 SE	2	19	8	65	.1	18	6	413	2.79	10	5	ND	4	27	1	2	3	53	.36	.04	7	21	.47	170	.16	11	1.93	.04	.26	2	1
B 420 SE	2	20	9	70	.1	22	7	695	3.00	13	5	ND	4	29	1	2	2	56	.37	.03	8	27	.55	194	.18	9	1.98	.04	.26	3	5
B 450 SE	2	30	11	76	.2	25	8	1104	2.62	12	5	ND	4	41	1	2	3	48	.58	.07	7	22	.50	248	.14	8	1.61	.04	.32	2	3
B 480 SE	2	22	9	70	.1	18	7	618	2.78	16	5	ND	3	26	1	2	3	51	.30	.06	7	19	.46	193	.15	10	1.87	.04	.25	2	1
B 510 SE	2	29	10	78	.1	22	8	826	2.98	14	5	ND	5	35	1	2	2	57	.43	.06	9	24	.52	202	.15	8	1.98	.04	.29	2	2
B 540 SE	2	34	11	73	.3	31	9	709	3.24	21	5	ND	5	38	1	3	2	63	.47	.09	11	30	.56	194	.16	11	2.27	.05	.28	2	12
B 570 SE	2	30	12	78	.2	25	8	658	3.18	13	5	ND	5	36	1	3	2	61	.42	.06	11	29	.55	202	.17	8	2.25	.04	.30	2	2
B 600 SE	1	28	10	77	.2	23	7	725	2.99	13	5	ND	5	32	1	2	2	56	.38	.04	9	30	.50	194	.16	7	2.01	.04	.35	2	18
B 630 SE	2	41	11	68	.2	31	9	386	3.46	22	5	ND	5	34	1	2	2	72	.40	.05	11	35	.65	152	.18	7	1.96	.04	.40	2	25
B 660 SE	2	31	9	79	.2	17	8	774	3.14	12	5	ND	4	34	1	2	2	58	.41	.03	10	23	.50	146	.16	9	1.81	.04	.35	2	26
B 690 SE	2	40	8	86	.2	17	8	741	3.51	16	5	ND	4	37	1	2	2	65	.41	.02	10	22	.63	172	.20	9	1.96	.05	.48	2	8
C 000 SE	4	27	9	83	.2	37	9	1071	3.22	14	5	ND	5	27	1	2	2	62	.35	.04	9	48	.64	217	.20	9	2.04	.04	.43	2	2
C 030 SE	3	39	9	79	.2	31	11	913	3.69	11	5	ND	7	39	1	2	2	68	.51	.06	15	31	.70	213	.21	10	2.16	.04	.45	3	6
C 060 SE	3	24	11	89	.1	25	8	1013	3.08	7	5	ND	5	34	1	3	2	53	.43	.03	13	26	.53	212	.18	10	1.98	.04	.36	2	27
C 090 SE	2	26	9	72	.3	22	9	777	3.41	8	5	ND	7	31	1	2	2	62	.41	.03	13	27	.57	179	.21	9	2.00	.05	.42	2	9
C 120 SE	2	24	9	79	.1	20	8	1004	2.76	2	5	ND	5	37	1	2	2	48	.49	.04	10	24	.50	209	.16	11	1.56	.04	.38	2	26
C 150 SE	1	19	5	54	.2	18	6	380	2.34	4	5	ND	4	27	1	2	2	45	.37	.02	4	35	.44	80	.15	14	1.25	.04	.33	2	11
C 180 SE	1	24	6	45	.3	17	6	413	2.38	7	5	ND	5	28	1	2	2	44	.71	.02	6	20	.40	88	.14	14	1.18	.05	.31	2	26
C 210 SE	2	19	7	55	.1	16	6	610	2.71	10	5	ND	5	26	1	2	2	50	.41	.04	9	21	.41	140	.14	10	1.42	.04	.27	2	24
C 240 SE	2	16	8	60	.3	17	7	677	2.81	10	5	ND	5	28	1	2	3	51	.41	.04	5	25	.43	155	.15	9	1.74	.04	.27	2	24
C 270 SE	4	22	8	108	.1	19	7	1923	2.48	9	5	ND	3	37	1	2	2	47	.45	.08	6	39	.44	375	.13	17	1.65	.04	.23	2	5
C 300 SE	2	25	11	79	.1	24	8	921	3.17	15	5	ND	5	36	1	2	2	58	.43	.06	12	32	.57	283	.18	10	2.23	.04	.37	2	2
C 330 SE	2	25	10	76	.2	23	8	533	3.50	14	5	ND	5	34	1	3	2	66	.40	.05	14	33	.61	229	.21	9	2.45	.05	.39	2	5
C 360 SE	2	17	11	66	.3	17	6	811	2.64	11	5	ND	4	31	1	2	2	48	.35	.05	7	22	.42	196	.14	9	2.05	.04	.24	2	2
C 390 SE	2	27	10	85	.4	20	8	829	3.16	13	5	ND	4	33	1	2	2	58	.44	.06	10	26	.51	207	.17	12	1.99	.04	.37	2	1
C 420 SE	2	29	11	76	.3	21	8	753	3.16	19	5	ND	5	33	1	2	2	58	.42	.09	12	24	.50	209	.16	8	2.14	.04	.31	4	3
C 450 SE	2	37	10	87	.4	22	9	820	3.19	18	5	ND	5	36	1	3	2	58	.50	.13	13	25	.53	208	.15	16	1.95	.04	.34	2	2
C 480 SE	3	35	9	82	.3	25	9	805	3.49	23	5	ND	5	38	1	3	2	65	.46	.07	15	28	.57	211	.18	13	2.33	.05	.41	2	2
C 510 SE	2	38	13	114	.3	24	11	1130	3.97	27	5	ND	5	37	1	2	2	75	.37	.09	11	27	.66	250	.21	7	2.83	.03	.51	2	1
C 540 SE	3	54	11	93	.4	22	10	441	4.50	47	5	ND	5	40	1	3	2	97	.43	.05	10	32	1.07	216	.27	8	2.71	.06	.88	2	7
D 000 SE	3	39	12	91	.4	36	10	782	3.58	10	5	ND	6	33	1	2	2	66	.42	.05	12	46	.65	183	.22	9	1.94	.04	.44	2	6
D 030 SE	2	37	10	71	.3	21	9	927	3.17	9	5	ND	6	39	1	2	2	55	.65	.05	14	24	.74	211	.18	12	1.58	.05	.43	2	4
D 060 SE	1	25	5	26	.7	10	4	463	1.02	11	5	ND	2	232	1	3	2	19	13.11	.07	4	11	.61	137	.05	38	.59	.06	.23	2	1
D 090 SE	1	39	7	23	.5	12	4	656	1.05	10	5	ND	2	121	1	3	2	21	14.17	.07	8	11	.30	128	.05	23	.65	.04	.17	2	1
D 120 SE	2	21	9	60	.3	19	7	446	2.72	11	5	ND	5	39	1	2	2	47	.93	.07	11	25	.49	194	.16	10	1.72	.05	.28	2	1
D 150 SE	2	21	11	70	.3	21	7	592	2.97	15	5	ND	6	38	1	2	2	54	.75	.05	12	29	.52	223	.18	9	2.25	.04	.26	2	1
D 180 SE	2	22	9	97	.3	20	8	1056	2.62	14	5	ND	5	40	1	3	3	46	.56	.11	9	26	.46	287	.15	7	1.86	.04	.26	2	1
STD C/AU 0.5	19	57	39	123	7.0	64	25	1066	3.94	39	19	7	35	50	15	15	19	59	.44	.13	38	58	.88	176	.08	36	1.71	.07	.12	12	500

## SHANGRI-LA PROJECT - XR-1 FILE # 84-3472

PAGE 3

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	M	Aut
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	I	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
D 210 SE	3	25	8	101	.2	20	8	1421	2.83	11	5	ND	3	40	1	2	3	52	.48	.08	10	28	.49	305	.17	7	2.00	.04	.32	2	3
D 240 SE	3	39	10	114	.3	33	10	1124	3.61	19	5	ND	5	41	1	2	2	63	.52	.08	14	33	.51	240	.18	8	2.26	.05	.35	2	4
D 270 SE	3	34	7	103	.1	22	9	1221	2.93	15	5	ND	3	48	1	2	2	55	.60	.09	12	28	.50	277	.16	10	1.89	.04	.39	2	1
D 300 SE	2	52	8	84	.2	31	11	789	3.84	19	5	ND	6	35	1	2	2	80	.51	.10	16	37	.75	225	.26	9	1.98	.06	.58	2	5
D 330 SE	2	41	10	82	.3	25	9	682	3.49	25	5	ND	4	34	1	2	2	72	.46	.12	14	32	.58	186	.19	8	2.07	.04	.43	4	4
D 360 SE	2	41	7	92	.2	25	11	988	3.58	40	5	ND	5	36	1	2	2	74	.49	.14	14	37	.59	212	.19	9	2.35	.04	.40	2	210
D 390 SE	2	36	6	78	.1	20	8	733	2.93	27	5	ND	5	41	1	2	2	58	.56	.10	12	31	.48	188	.15	7	1.73	.05	.33	2	4
D 420 SE	2	35	8	85	.1	22	9	798	3.31	39	5	ND	5	39	1	2	2	65	.43	.08	14	32	.55	214	.19	8	2.25	.04	.40	2	5
D 450 SE	2	48	9	118	.2	23	12	1448	3.51	51	5	ND	4	40	1	2	2	70	.58	.06	10	27	.71	194	.22	7	2.00	.04	.58	2	4
E 000 SE	2	20	7	55	.1	19	7	262	2.88	9	5	ND	3	38	1	2	2	65	.39	.02	10	37	.56	137	.21	11	1.86	.05	.30	2	1
E 030 SE	2	24	9	59	.2	18	8	517	3.18	18	5	ND	4	40	1	2	2	55	.61	.03	9	26	.49	179	.19	11	2.13	.04	.28	2	2
E 060 SE	2	27	8	94	.2	20	9	1194	3.17	10	5	ND	5	46	1	2	3	65	.44	.06	12	29	.49	275	.18	6	2.37	.05	.21	2	24
E 090 SE	2	29	8	80	.2	22	9	776	3.15	13	5	ND	6	38	1	2	2	64	.45	.06	15	30	.56	232	.19	8	2.16	.05	.34	2	2
E 120 SE	1	36	10	90	.3	27	10	997	3.30	12	9	ND	5	44	1	2	2	65	.49	.08	15	32	.56	260	.19	6	2.42	.04	.35	2	3
E 150 SE	2	39	9	79	.3	29	10	762	3.46	16	5	ND	6	43	1	2	2	68	.51	.10	16	33	.64	245	.20	8	2.31	.05	.38	2	2
E 180 SE	6	45	11	94	.3	29	10	972	3.64	16	5	ND	5	47	1	2	2	68	.57	.08	18	34	.61	188	.17	8	2.37	.04	.33	2	3
E 210 SE	2	37	9	105	.3	29	10	927	3.68	12	5	ND	6	41	1	2	2	73	.43	.08	15	37	.59	224	.21	7	2.64	.04	.32	2	2
E 240 SE	3	35	8	99	.2	21	11	1080	3.89	15	5	ND	7	40	1	2	2	78	.46	.10	16	27	.68	341	.23	9	2.57	.04	.52	2	2
E 270 SE	2	37	11	89	.3	23	10	821	3.59	15	6	ND	6	40	1	2	2	73	.43	.08	15	30	.59	277	.22	10	2.76	.04	.42	2	2
E 300 SE	2	59	5	81	.2	30	11	726	3.89	17	5	ND	6	32	1	2	2	77	.47	.10	15	34	.71	207	.22	10	2.01	.05	.56	2	6
E 320 SE	2	58	10	105	.3	23	11	777	3.65	32	5	ND	4	36	1	2	2	63	.44	.09	13	23	.63	132	.17	9	2.07	.05	.41	2	4
E 330 SE	3	52	12	114	.2	20	13	802	5.24	34	5	ND	4	37	1	2	2	97	.41	.05	14	32	1.04	213	.20	11	3.05	.05	.65	2	8
E 360 SE	2	49	9	95	.2	22	9	616	3.83	25	5	ND	5	46	1	2	2	72	.44	.06	13	26	.65	166	.21	12	2.56	.05	.48	2	4
E 390 SE	1	36	9	93	.1	21	9	799	3.40	21	5	ND	4	37	1	2	2	67	.40	.04	11	29	.65	184	.21	10	2.06	.03	.54	2	12
E 420 SE	2	45	9	102	.3	25	20	540	4.75	130	5	ND	3	20	1	2	2	161	.65	.05	8	49	1.93	281	.43	13	2.45	.02	.78	2	47
F 000 SE	2	39	6	95	.3	21	9	969	3.31	12	6	ND	5	45	1	2	2	69	.52	.08	14	31	.61	316	.19	7	2.24	.04	.36	2	11
F 030 SE	2	40	11	92	.2	23	9	827	3.16	17	5	ND	5	42	1	2	2	63	.47	.10	16	29	.51	230	.16	12	2.11	.04	.33	2	10
F 060 SE	3	40	10	116	.2	27	11	1128	3.45	21	5	ND	4	40	1	2	2	68	.44	.13	16	32	.54	239	.18	10	2.30	.04	.32	2	3
F 090 SE	2	36	9	101	.1	26	10	954	3.22	12	5	ND	4	41	1	2	2	62	.48	.09	15	30	.52	218	.17	11	2.10	.03	.34	2	3
F 120 SE	2	49	11	127	.1	41	14	1112	3.67	14	5	ND	4	38	1	2	2	65	.39	.09	14	28	.51	191	.17	14	2.62	.04	.33	2	1
F 150 SE	3	43	10	130	.2	23	11	1237	4.13	11	5	ND	5	36	1	2	2	79	.40	.09	12	24	.74	281	.23	12	2.43	.04	.64	2	3
F 180 SE	4	95	13	205	.1	29	20	2790	6.05	30	5	ND	3	57	1	2	2	83	.51	.16	13	20	1.00	326	.27	14	3.74	.07	.93	2	3
F 210 SE	3	69	12	156	.1	29	13	1303	4.37	16	5	ND	5	38	1	2	2	74	.46	.08	12	27	.74	194	.22	18	2.47	.05	.63	2	4
F 240 SE	4	100	12	195	.2	27	21	1904	5.62	38	5	ND	3	36	1	2	2	100	.32	.11	14	20	.94	232	.25	15	3.09	.03	.87	2	4
F 270 SE	1	48	7	104	.2	17	8	834	4.31	136	5	ND	5	41	1	2	2	65	.36	.05	10	19	.85	213	.22	11	2.79	.04	.74	2	24
CAR-S 225N	7	152	78	296	1.0	108	34	1480	6.56	525	5	ND	5	92	3	4	2	69	1.73	.19	35	63	1.46	192	.06	25	2.48	.02	.25	7	90
4M+287E	2	73	9	93	.3	13	9	1019	3.29	57	5	ND	2	49	1	2	2	85	3.53	.11	8	11	.85	203	.25	18	1.35	.03	.66	2	4
STD C/AU 0.5	20	60	39	128	7.0	67	26	1121	3.94	38	18	7	36	52	16	16	22	62	.44	.14	36	59	.88	185	.08	39	1.72	.07	.12	12	510

GEOCHEMICAL ICP ANALYSIS

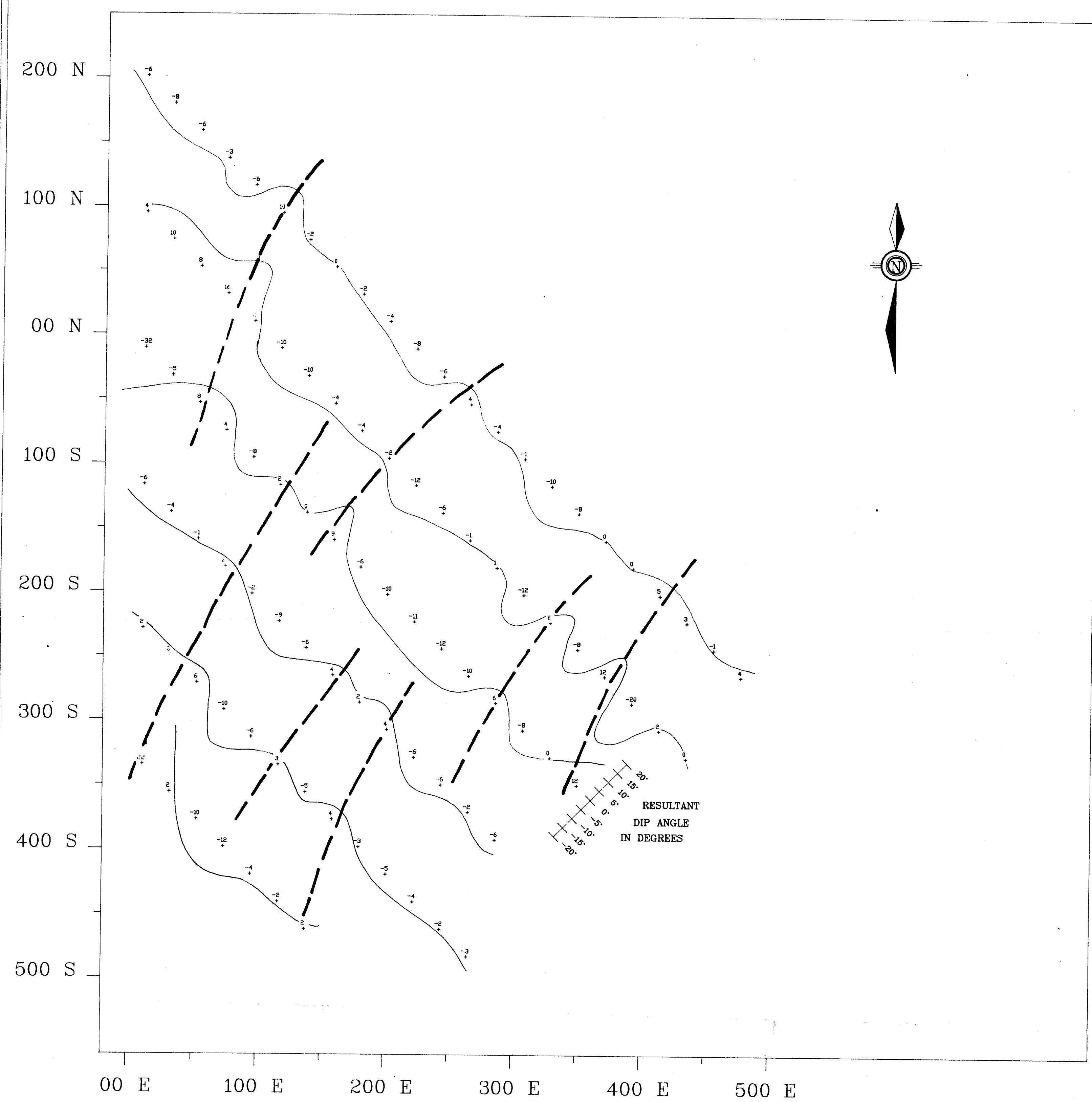
.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR Mn.Fe.Ca.P.Cr.Ag.Ba.Ti.B.Al.Na.K.W.Si.Zr.Ce.Sn.Y.Mb and Ta. Au DETECTION LIMIT BY ICP IS 3 ppa.  
 - SAMPLE TYPE: SOIL - PULVERIZED AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 26 1984 DATE REPORT MAILED: *Nov 28/84* ASSAYER *D. J. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER

SHANGRI-LA PROJECT # BRADSHAN FILE # B4-3473

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au
	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa
B 00	2	35	11	88	.1	31	11	1141	3.39	12	5	ND	3	31	1	2	2	56	.36	.07	11	41	.76	209	.14	11	2.08	.03	.30	2	2
B 50	1	48	9	76	.2	29	13	1064	3.31	9	5	ND	3	54	1	2	2	71	.46	.03	8	53	1.05	228	.12	10	2.81	.05	.21	2	3
B 100	1	42	8	67	.1	25	11	668	2.77	10	5	ND	2	41	1	2	2	65	.62	.06	7	52	.82	169	.10	9	2.44	.08	.17	2	2
B 150	1	45	6	81	.2	31	13	887	3.05	12	5	ND	2	38	1	2	2	71	.48	.11	7	71	.90	196	.10	9	2.62	.05	.18	2	8
B 200	1	36	6	85	.1	28	10	851	2.57	11	5	ND	2	43	1	2	2	59	.55	.07	6	70	.74	170	.09	9	2.11	.05	.15	2	1
B 250	1	48	7	67	.1	33	12	643	2.62	10	5	ND	2	38	1	3	2	67	.50	.06	6	96	.91	161	.09	10	2.28	.07	.20	2	3
B 300	1	46	7	60	.2	36	11	514	2.63	10	5	ND	2	33	1	2	2	73	.56	.06	4	120	.99	138	.09	8	2.17	.08	.19	2	2
B 350	1	37	8	86	.1	27	11	922	2.73	6	5	ND	3	48	1	2	2	61	.54	.08	9	69	.73	213	.10	11	2.19	.05	.25	2	1
B 400	1	39	8	85	.1	33	12	945	3.06	13	5	ND	3	41	1	2	2	71	.42	.05	9	88	.92	210	.11	9	2.53	.04	.21	2	1
B 450	1	40	11	85	.2	34	12	905	2.96	11	5	ND	2	46	1	2	2	79	.50	.08	8	108	1.03	228	.10	11	2.31	.04	.31	2	2
B 500	1	42	9	75	.2	44	13	862	3.18	9	5	ND	2	38	1	2	2	87	.51	.06	3	146	1.63	206	.09	12	2.52	.08	.37	2	1
B 550	2	129	8	182	.1	63	25	701	4.19	17	5	ND	2	55	1	2	2	94	.65	.02	4	138	2.10	122	.08	11	3.52	.11	.15	2	3
B 600	1	99	11	90	.1	55	26	1014	3.70	20	5	ND	2	60	1	2	2	84	.74	.04	4	102	1.65	193	.08	11	2.95	.09	.23	2	1
B 650	1	51	9	133	.1	33	15	1025	3.28	4	5	ND	3	39	1	2	2	70	.44	.02	8	61	1.08	176	.10	9	2.41	.05	.19	2	7
B 700	1	56	9	115	.1	32	15	1424	3.30	12	5	ND	2	31	1	2	2	63	.48	.10	7	61	1.06	161	.09	8	3.00	.05	.10	2	1
B 750	1	42	4	74	.2	40	12	814	2.83	13	5	ND	2	32	1	2	2	71	.49	.07	5	139	1.19	211	.09	9	2.37	.08	.32	2	1
B 800	2	52	9	81	.1	43	14	722	3.20	13	5	ND	2	30	1	2	2	77	.49	.08	5	108	1.35	134	.09	8	2.66	.07	.23	2	28
B 850	1	46	8	73	.1	42	13	701	3.06	8	5	ND	2	32	1	2	2	79	.55	.05	5	128	1.38	137	.09	8	2.65	.09	.21	2	2
B 900	1	47	7	73	.1	37	13	737	3.11	8	5	ND	3	31	1	2	2	69	.46	.04	6	94	1.14	145	.10	9	2.58	.07	.22	2	3
B 950	1	35	7	75	.1	32	13	1109	3.19	9	5	ND	2	30	1	2	2	67	.53	.06	3	92	1.10	157	.08	9	2.61	.06	.17	2	1
B 1000	2	26	7	93	.1	29	10	1300	2.68	18	5	ND	4	45	1	2	2	43	.55	.06	14	27	.69	191	.06	9	1.62	.02	.23	2	2
B 1050	1	57	5	83	.1	70	17	946	3.98	11	5	ND	3	79	1	2	2	68	.72	.07	8	152	1.69	140	.03	17	2.81	.03	.25	2	4
B 1100	1	33	10	85	.1	26	10	733	2.93	14	5	ND	6	40	1	2	2	47	.46	.04	15	29	.61	130	.09	11	2.05	.03	.28	2	4
B 1150	3	27	10	121	.1	26	9	1781	2.51	12	5	ND	4	57	1	2	2	38	.62	.05	11	24	.56	255	.06	14	1.44	.02	.26	2	1
B 1200	2	39	6	94	.2	31	11	948	3.05	12	5	ND	8	42	1	2	2	60	.51	.06	16	33	.95	142	.10	12	2.01	.03	.33	2	1
B 1250	1	44	11	101	.2	61	13	704	4.32	3	5	ND	5	32	1	2	2	63	.50	.10	16	73	1.40	84	.14	7	2.32	.01	.24	2	6
B 1300	2	27	7	97	.1	35	11	1194	3.26	8	5	ND	5	45	1	2	2	52	.45	.08	14	35	.83	219	.09	11	1.70	.05	.31	2	3
B 1350	2	68	10	111	.4	32	11	333	3.90	33	20	ND	3	348	1	4	2	79	.88	.12	13	36	1.33	397	.11	9	2.50	.07	.24	2	5
STB C/AU 0.5	19	60	39	130	7.1	68	26	1118	3.90	39	18	7	37	49	16	15	19	55	.44	.13	38	53	.87	182	.08	41	1.89	.07	.13	14	500

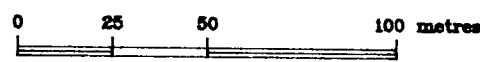


**LEGEND**

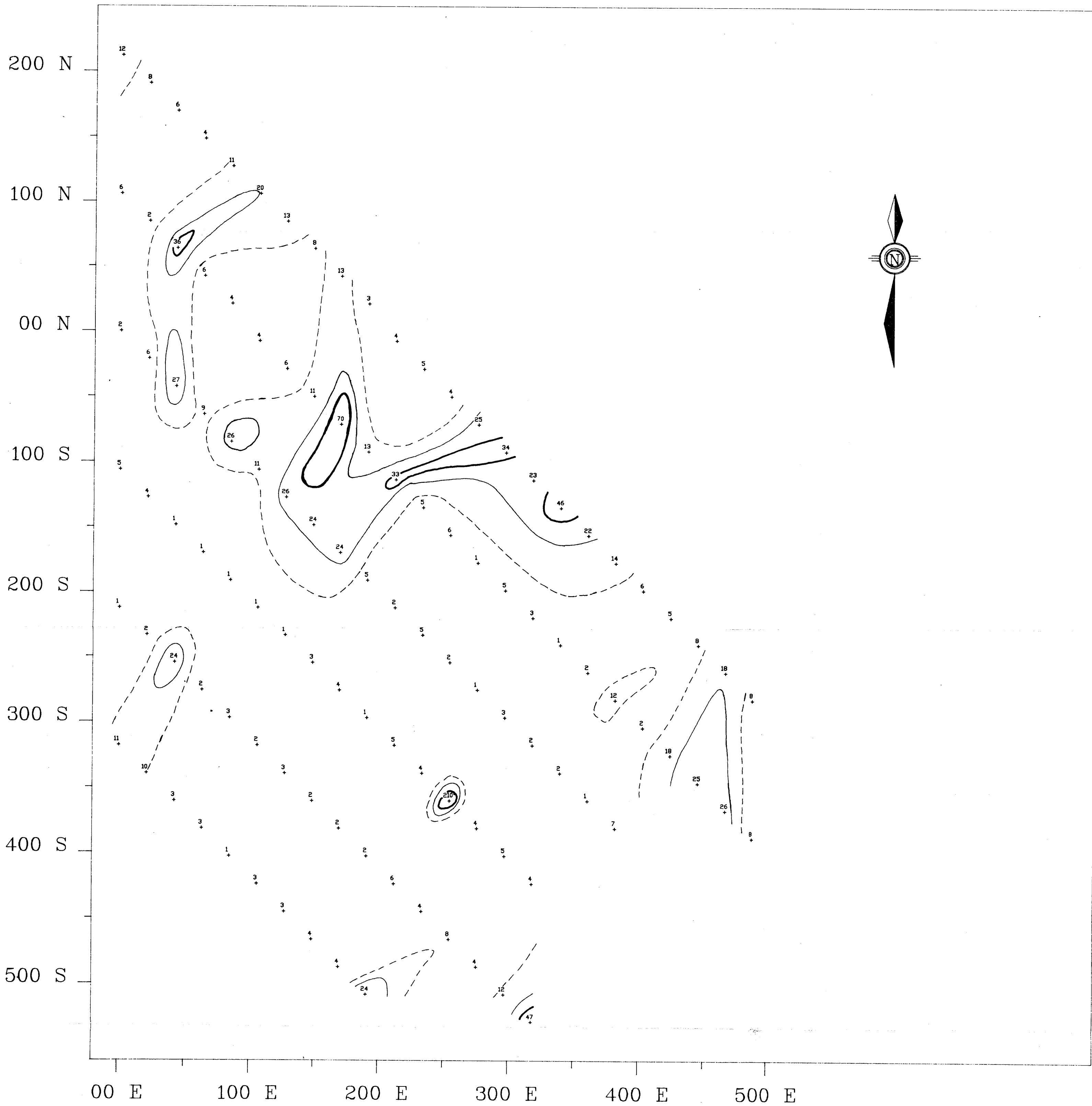
Coil Spacing: 60 meters  
 Station Interval: 30 meters  
 Transmitter Frequency: 1830 Hertz  
 Axis of Conductor

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**14,522**

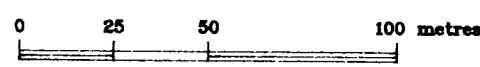


SHANGRI-LA MINERALS LTD.				
BROHM RESOURCES INC.				
XR 1 MINERAL CLAIM				
OSOYOOS MINING DIVISION				
<i>CRONE SHOOTBACK EM</i>				
SCALE: 1:2,000	DATE: DEC, 1984	N.T.S. 92H/8E	DRAWN BY: GEO-COMP	MAP <b>1</b>



**LEGEND**

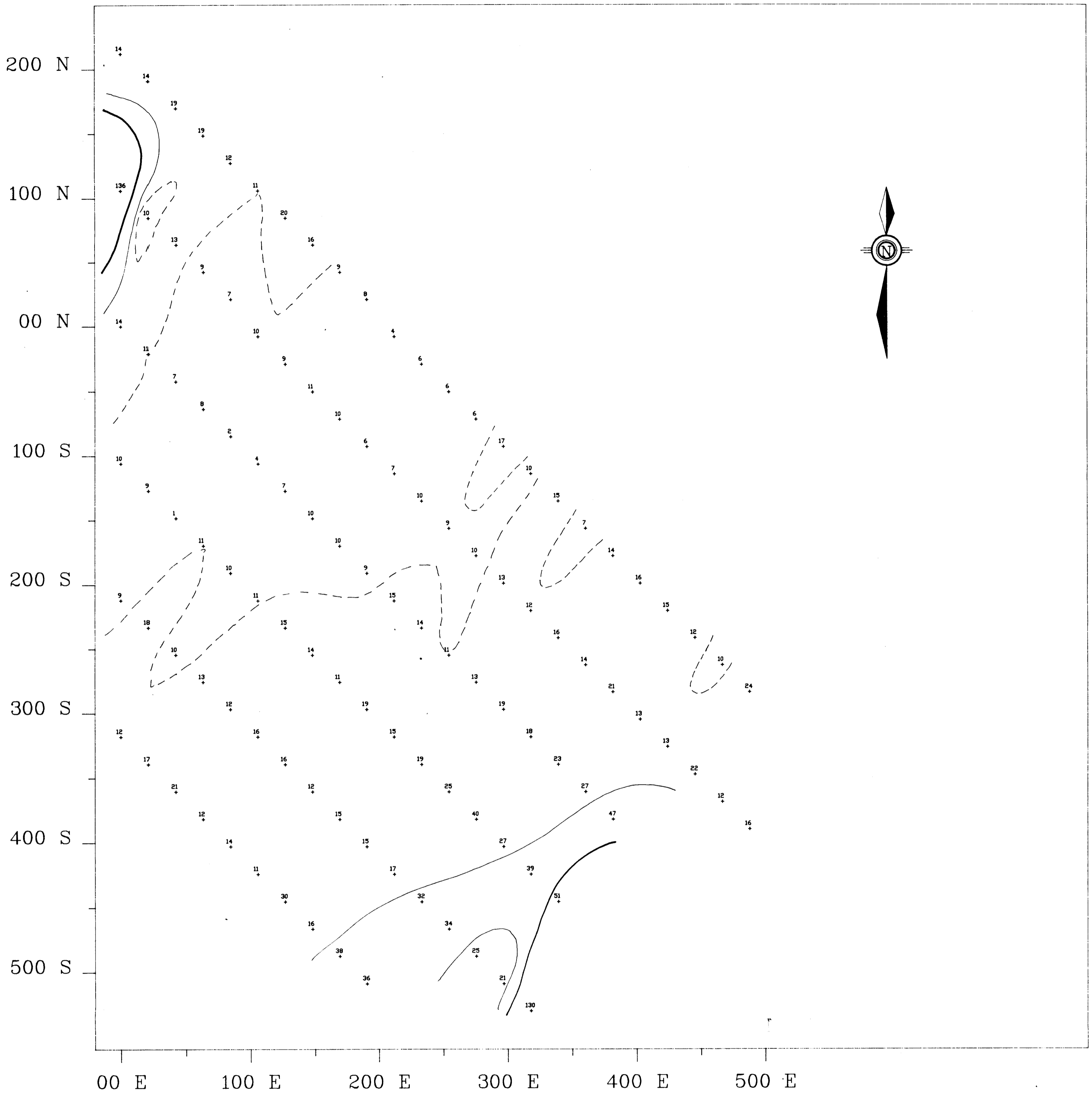
- Background Threshold Value - 10 ppm      - - - - -
- Sub Anomalous Threshold Value - 20 ppm      \_\_\_\_\_
- Anomalous Threshold Value - 30 ppm      \_\_\_\_\_



SHANGRI-LA MINERALS LTD.			
BROHM RESOURCES INC.			
XR 1 MINERAL CLAIM			
OSOYOOS MINING DIVISION			
<i>GOLD GEOCHEMISTRY</i>			
<b>GEOLOGICAL BRANCH</b>			
SCALE: 1:2,000	DATE: DEC, 1984	ASSESSMENT BY: 92H/8E	MAP NO: MAP 2

14,522





**LEGEND**

Background Threshold Value - 11 ppm    - - - -  
 Sub Anomalous Threshold Value - 30 ppm    \_\_\_\_\_  
 Anomalous Threshold Value - 49 ppm           **—————**

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

SHANGRI-LA MINERALS LTD.

BROHM RESOURCES INC.

XR 1 MINERAL CLAIM

OSOYOOS MINING DIVISION

*ARSENIC GEOCHEMISTRY*

SCALE:  
1:2,000

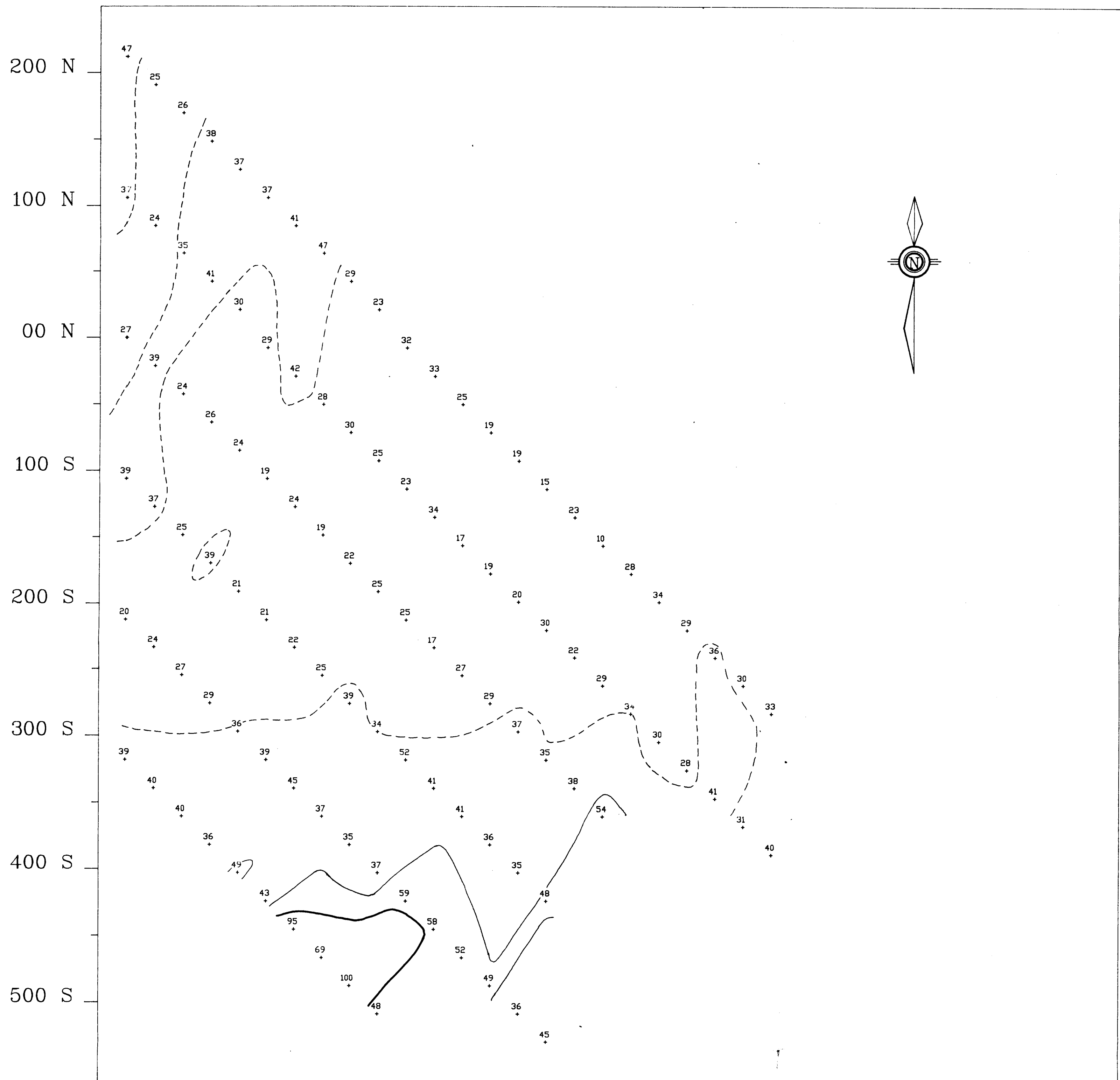
DATE:  
DEC, 1984

N.T.S.  
92H/8E

DRAWN BY:  
GEO-COMP

MAP **3**

0 25 50 100 metres  
**14,522**

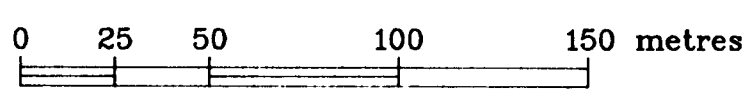


GEOLOGICAL BRANCH  
ASSESSMENT REPORT

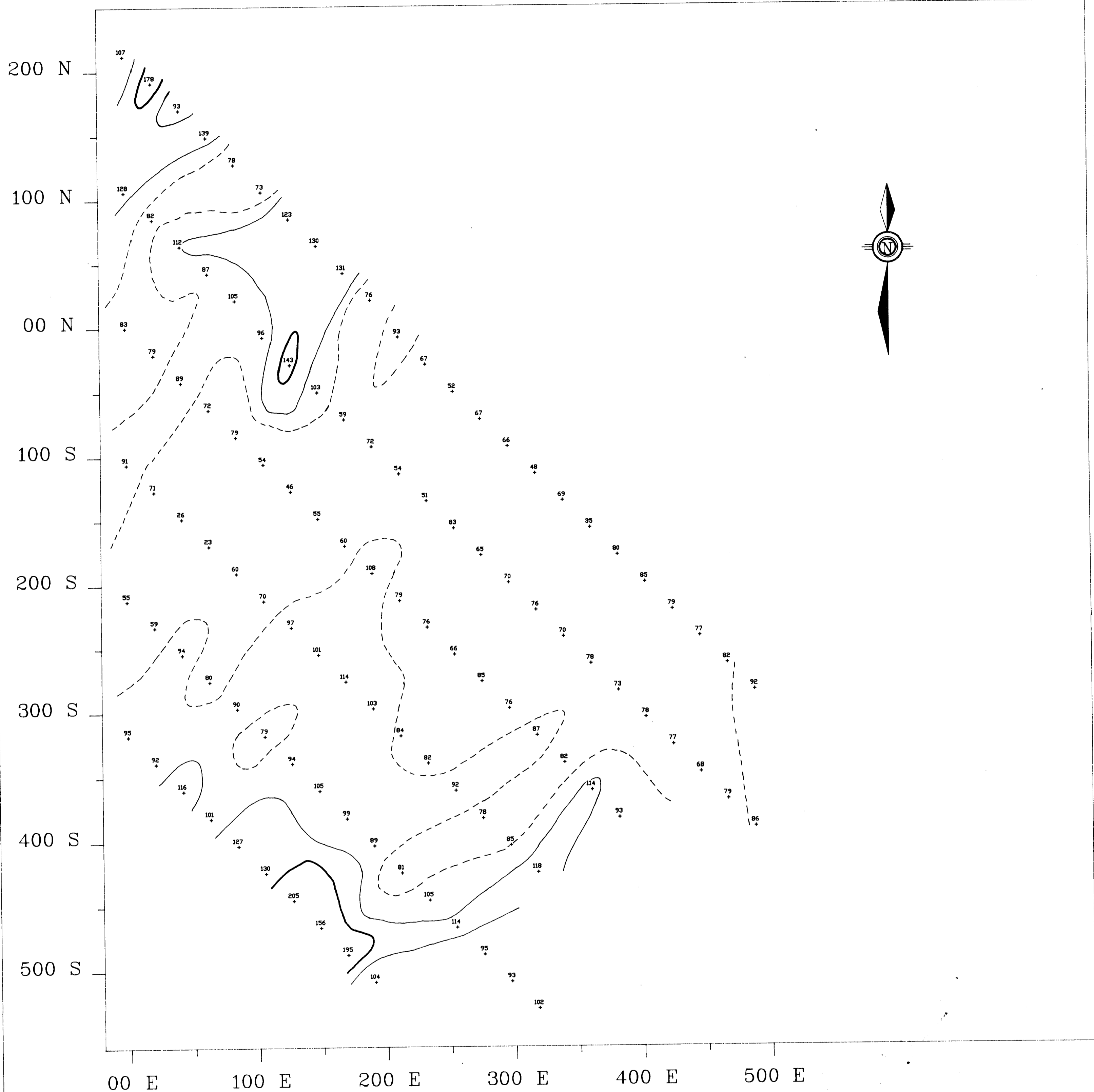
14,522

**LEGEND**

- Background Threshold Value - 34 ppm
- Sub Anomalous Threshold Value - 47 ppm
- Anomalous Threshold Value - 60 ppm



SHANGRI-LA MINERALS LTD.			
BROHM RESOURCES INC.			
XR 1 MINERAL CLAIM			
OSOYOOS MINING DIVISION			
<b>COPPER GEOCHEMISTRY</b>			
SCALE: 1:2,000	DATE: DEC, 1984	N.T.S. 92H/8E	DRAWN BY: GEO-COMP
			<b>MAP 4</b>



**LEGEND**

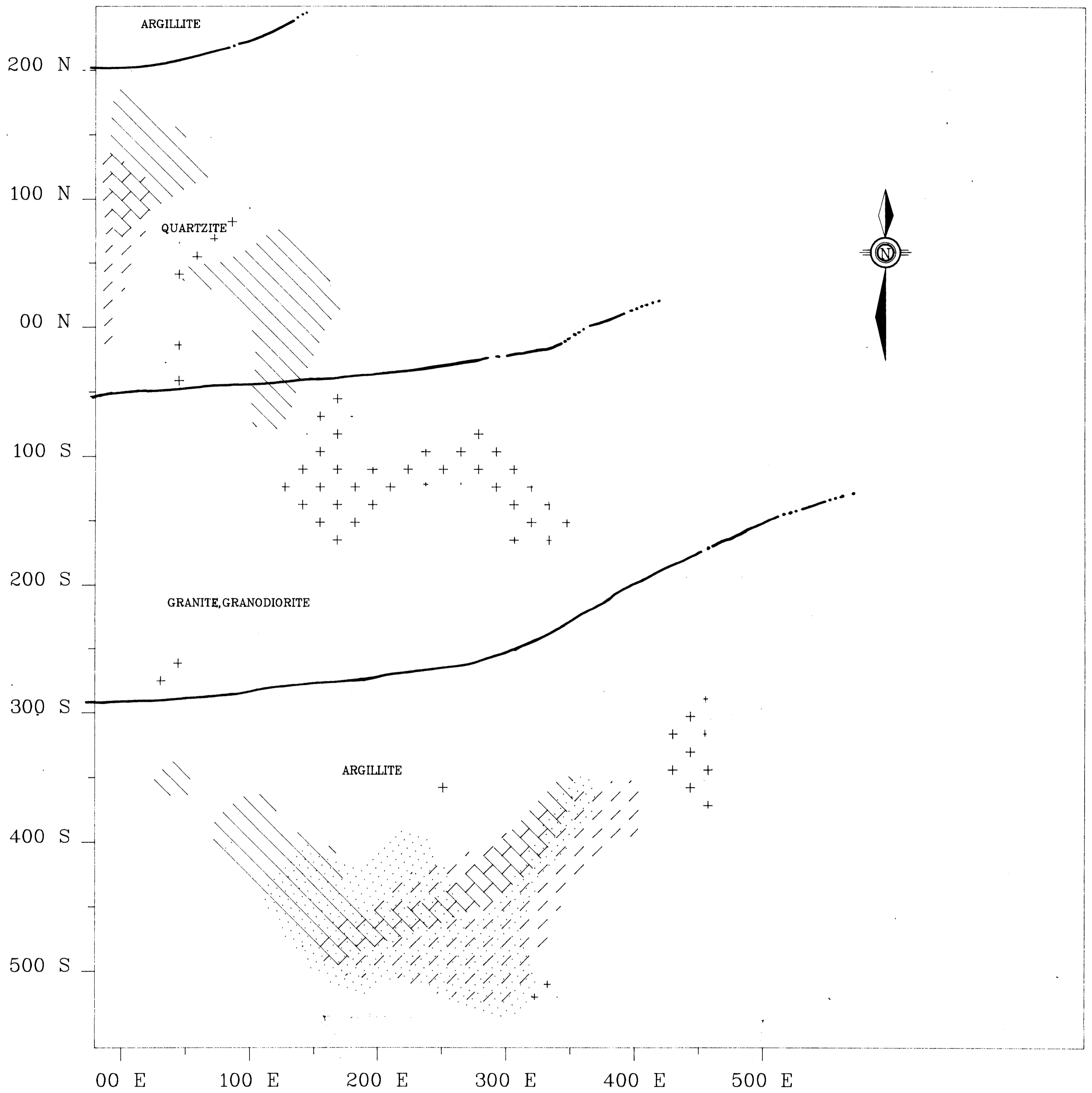
Background Threshold Value - 85 ppm  
 Sub Anomalous Threshold Value - 112 ppm  
 Anomalous Threshold Value - 139 ppm

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**


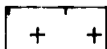
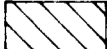
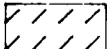

**14,522**



SHANGRI-LA MINERALS LTD.				
BROHM RESOURCES INC.				
XR 1 MINERAL CLAIM OSOYOOS MINING DIVISION				
<i>ZINC GEOCHEMISTRY</i>				
SCALE: 1:2,000	DATE: DEC, 1984	N.T.S. 92H/8E	DRAWN BY: GEO-COMP	MAP <b>5</b>

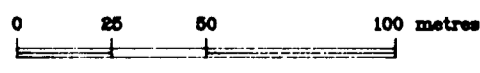


**LEGEND**

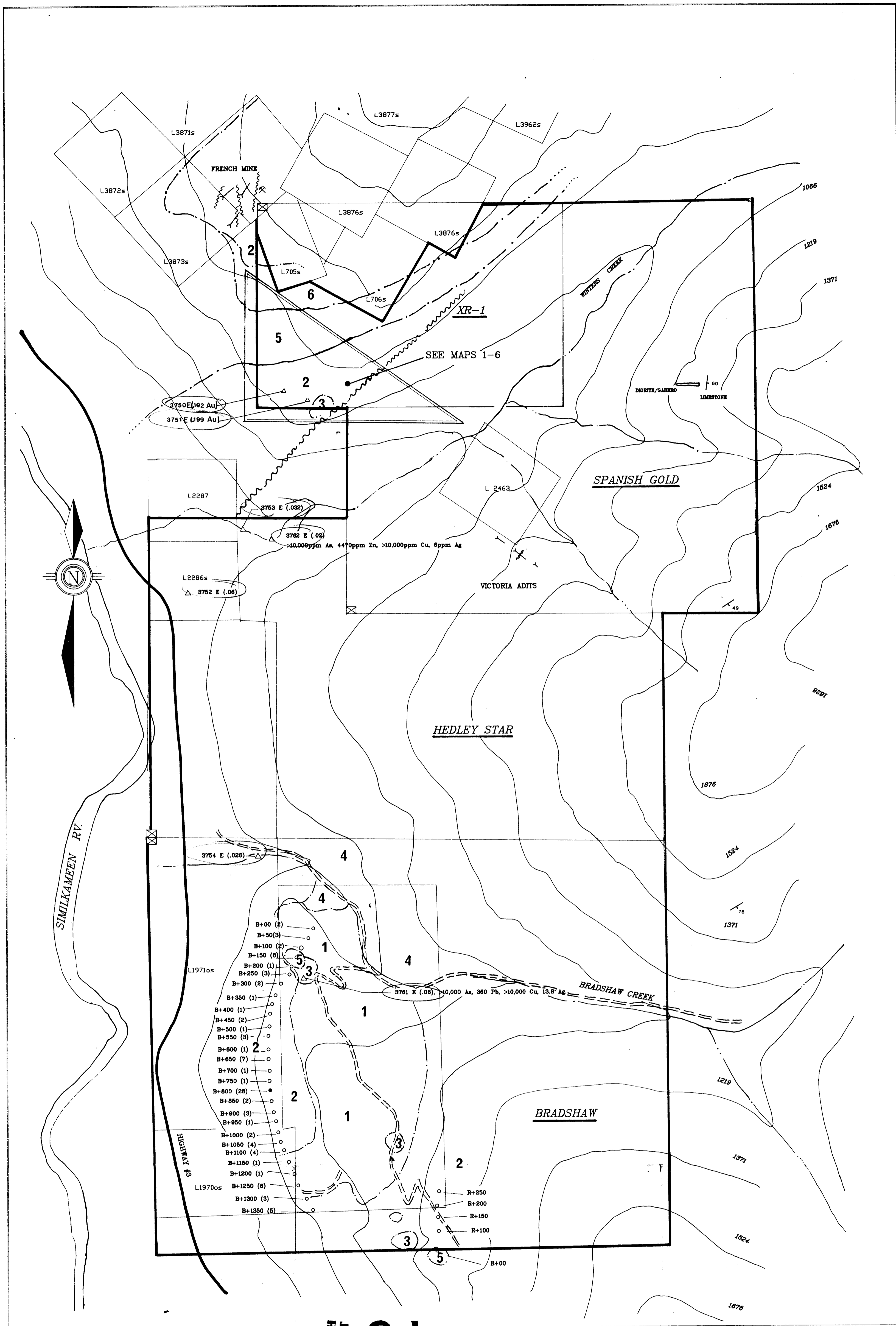
-  COPPER ANOMALY/SUB ANOMALY
-  GOLD ANOMALY/SUB ANOMALY
-  ZINC ANOMALY/SUB ANOMALY
-  ARSENIC ANOMALY/SUB ANOMALY
-  CONTACT - ASSUMED, DEFINED

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,522**



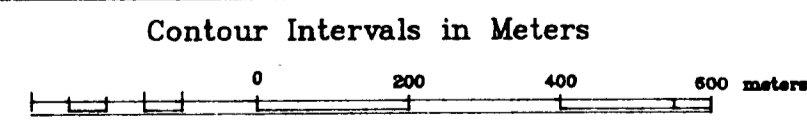
SHANGRI-LA MINERALS LTD.			
BROHM RESOURCES INC.			
XR 1 MINERAL CLAIM			
OSOYOOS MINING DIVISION			
<i>COMPILATION MAP</i>			
SCALE: 1:2,000	DATE: DEC, 1984	N.T.S. 92H/8E	DRAWN BY: GEO-COMP
			MAP <b>6</b>



- LEGEND**
- 1 GLACIAL FLUVIAL
  - 2 ARGILLITE
  - 3 CHERT
  - 4 VOLCANIC, ANDESITE
  - 5 GRANITE, GRANODIORITE
  - 6 QUARTZITE

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**  
14,522

- SYMBOLS**
- CONTACT, defined
  - - - CONTACT, assumed
  - ~ FAULT
  - Y ADIT
  - == ROAD, TRAIL
  - ⊠ L.C.P.
  - o B+00 (ppb Au) - SOIL SAMPLE
  - △ 3700 E (Au oz/ton) - ROCK



SHANGRI-LA MINERALS LTD.				
<b>BROHM RESOURCES INC.</b>				
HEDLEY STAR GROUP OSOYOOS MINING DIVISION				
<b>GEOLOGY AND SAMPLE LOCATIONS</b>				
SCALE: 1:10,000	DATE: DEC. 1984	N.T.S. 92H/8E	DRAWN BY: GEO-COMP	MAP 7