ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.12.30

ASSESSMENT REPORT 18589

MINING DIVISION: Clinton

PROPERTY:

Club

LOCATION:

51 58 12 LAT 10 5758692 LONG 121 24 00

UTM

609914

NTS

092P14W

CAMP:

036

Cariboo - Quesnel Belt

CLAIM(S):

Club 6-7Tide Res.

OPERATOR(S): AUTHOR(S):

White, G.E.

REPORT YEAR:

1989, 30 Pages

COMMODITIES

SEARCHED FOR: Copper, Gold

KEYWORDS:

Miocene, Triassic, Nicola Group, Plateau lava, Basalt, Andesite

Malachite

WORK

DONE:

Geochemical, Geophysical, Physical

35.0 km; VLF

Map(s) - 2; Scale(s) - 1:5000

37.0 km LINE

MAGG 35.0 km

Map(s) - 2; Scale(s) - 1:5000

SOIL 725 sample(s); CU, AU, AG

Map(s) - 4; Scale(s) - 1:5000

TREN 130.0 m 5 trench(es)

RELATED

REPORTS: MINFILE: 18148 092P

LOG NO: 0404 RD. ACTION: SUB-RECORDER RECEIVED FILE NO: MAR 3 0 1989 M.R.# \$ TIDE RESOURCES LTD VANCOUVER, B.C.

> CLUB 1,2,6 & 7 CLAIMS CLINTON M.D. LAC LA HACHE AREA, B.C., N.T.S. 92P/14W

GEOCHEMICAL GEOPHYSICAL REPORT

Lat. 51° 58' N, Long. 121° 24'W

FILMED

AUTHORS: GLEN E. WHITE P.Eng. DATE OF WORK: NOV. 1/88 - JAN. 12 1989 DATE OF REPORT: March 15, 1989

> GEOLOGICAL BRANCH ASSESSMENT REPORT

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INTRODUCTION

This report covers a program of line cutting, soil sampling, geophysical surveying and trenching that has been conducted on the Club mineral claims in the Lac La Hache area of B.C. The work was conducted during the fall and early winter of 1988 by TIDE RESOURCES LTD.

The project area lies in an alkaline porphyry copper/gold environment referred to as the Lac La Hache Gold Camp. The survey work was conducted under the direction of White Geophysical Inc. and Tecucomp Geological Inc.

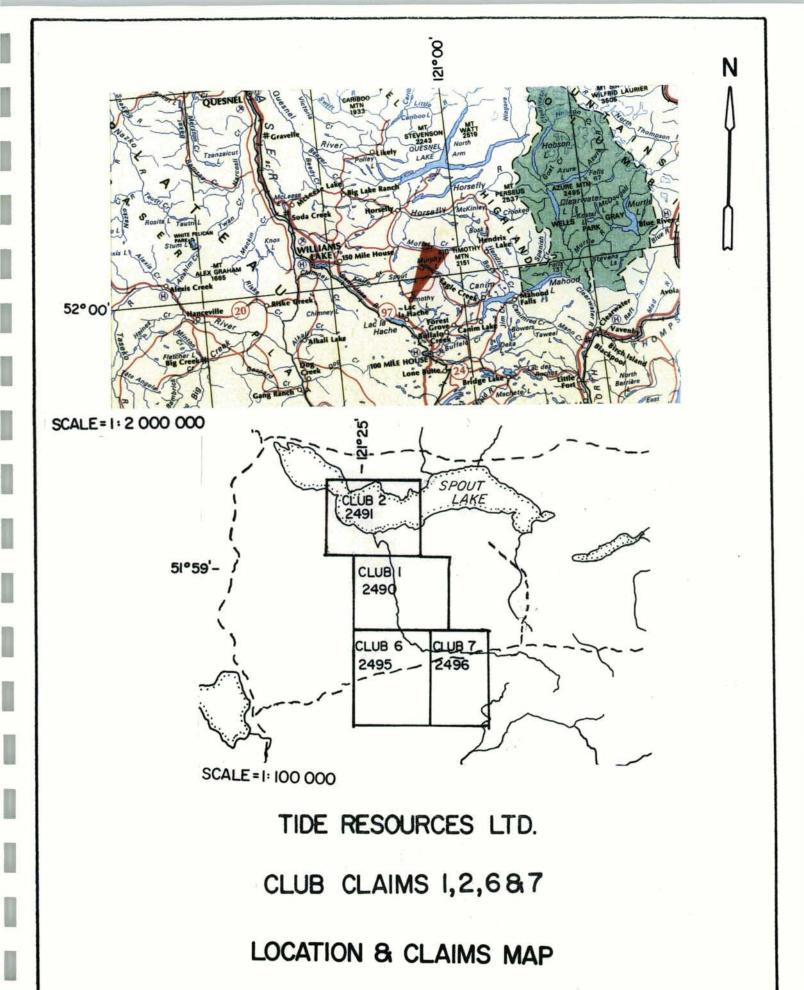
PROPERTY

CLAIM		#UNITS	RECORD #	RECORD DATE
Club	1	20	2490	Dec. 31, 1990
Club	2	20	2491	Dec. 31, 1990
Club	6	20	2495	Dec. 31, 1990
Club	7	15	2496	Dec. 31, 1990

The mineral claims are in the Clinton Mining Division B.C. and are in good standing through to 1990. Figure 1 outlines the claim block which consists of 75 contiguous units.

LOCATION AND ACCESS

The Club claims are located some 20 kilometers north from the village of Lac La Hache, in the Cariboo region of British Columbia.



Access is via good gravel roads from the town of Lac La Hache along the Spout Lake and Murphy Lake road to Rail Lake where a secondary road, the 1700 road turns eastward. This logging road cuts the claim block in the middle giving good access to the grid.

Lat. 51° 58' N, Long. 121° 24" W, N.T.S. 92 P/14W.

SURVEY GRID

The survey grid consists of lines turned off at right angles from an east to west baseline which was placed along the northern boundary of Club 7. The lines were spaced 100 meters apart and numbered at 50 meter intervals. The grid lines are numbered from 0 W to 1600 W. Some 37 kilometers of survey grid was established.

REGIONAL GEOLOGY

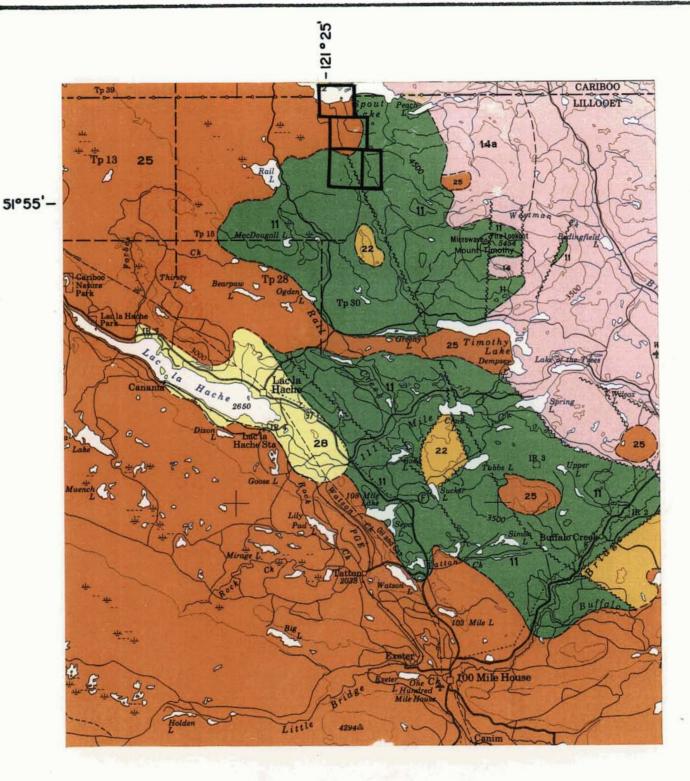
The regional geology for the area is shown on Figure 2 as depicted by G.S.C. Map 1278A, Bonaparte Lake Map Area, 1972. The Club claims are situated near the eastern edge of the Intermontane belt, a northwesterly trending assemblage of Upper Triassic-Lower Jurassic volcanic rocks. This belt of rocks comprises units of the Nicola, Takla and Stuhini Groups and is often referred to as the Quesnel Trough.

Nicola volcanic rocks of Triassic age underlay the property. They have been mapped as augite, andesite flows and breccia; tuff, argillite, greywacke and grey limestone. The Takomkane granitic batholith of Triassic-Jurassic age lies to

		LEGE	END
QUATERN			TRIASSIC OR JURASSIC
RECE	20 10 4 20		RHAETIAN OR HETTANGIAN THUYA AND TAKOMKANE BATHOLITHS AND SIMILAR GRANITIC ROCKS
29	Blocky basalt flows	MESOZOIC	hornblende-biotile quartz diorite and granodiorite, minor hornblende dior monzonite, gebbro, hornblendite; 14a, diorite and syenodiorite; 14b, lauco monzonite and granodiorite
PLEIS	STOCENE AND RECENT	MESO	
28	Till, gravel, clay, slit, alluvium, (few if any bedrock exposures)	2	13a, fine- to medium-grained, pink to brown and grey syenite and mo 13b, medium-grained, creamy-bulf, locally coarsely porphyritic (K-feldspa syenite and monzonite)
9 2 3	BTOCENE OR RECENT		TRIASSIC KARNIAN AND NORIAN
27	Basaltic cinder cone (incorporates cobbles of older rocks)		NICOLA GROUP Augite andesite flows and breccia, tuff, argillite, graywacke, grey limeston
	OR QUATERNARY CENE OR PLEISTOCENE		11a, includes minor 3 and 10
26	26s, basaltic arenite, conglomerate breccia, rubble, basaltic flows, locally pillowed; 26b, extinct basaltic volcanoes, basaltic flows and cinder deposits	i	Black shale, argillite, phyllite, siltstone, black limestone
TERTIARY	CENE AND/OR PLIOCENE		PERMIAN AND/OR TRIASSIC
25	Plateau leva; olivine basalt, basalt andesite, related ash and breccia beds; basaltic arenite; 25a, olivine gabbro plugs		Serpentinite and serpentinized peridotite
MIOC		1	LATE PERMIAN (?) EARLY AND/OR MIDDLE TRIASSIC
24	DEADMAN RIVER FORMATION: shale, sandstone, tuff, diatomite, conglomerate, breccia		PAVILION GROUP (7,8) Tuff, chert, argillite, limestone, greywacke, andesitic and basaltic flows
OLIG	OCENE	i	
23	Andesite, dacite, felsite, related tuff and Dreccia; greywacke, shale; minor lignite and conglomerate		7 Chert, argillite, siltstone; minor tuff and limestone
EOCE	ENE AND (?) OLIGOCENE KAMLOOPS GROUP (21, 22)		PERMIAN GUADALUPIAN CACHE CREEK GROUP (4 to 8)
22	SKULL HILL FORMATION: dacite, trachyte, basalt, andesite, rhyolite, related breccies		6 MARBLE CANYON FORMATION: massive limestone, limestone breccia a minor argillite, tutt, andesitic and basaltic flows
EOCE	ENE		WOLFCAMPIAN TO GUADALUPIAN
21	CHU CHUA FORMATION: conglomerate, sandy shale, arkose, coal	<u> </u>	5 Argilitie, basaltic flows, tulf, chert, limestone 12 granule conglomerate, and calcareous phyllite, marbh greenstone; 12b, dark gre
CRETACE	ous	PALEOZOIC	Basic volcanic flows, tuff, ribbon (Metamorphic equivalents chert, limestone, argillite
20	RAFT AND BALDY BATHOLITHS AND SIMILAR GRANITIC ROCKS: biotite quartz monzonite and granodiorite; minor pegmatite, aplite, biotite-hornblende,	PALI	PENNSYLVANIAN AND PERMIAN
	quartz monzonite; 20a, quartz diorite, diorite, granodiorite (may include some older rocks); 20b, apilte, leuco-quartz monzonite and granite		MORROWAN TO GUADALUPIAN
APTIA	AN AND/OR ALBIAN JACKASS MOUNTAIN GROUP	545	Volcanic arenite, greenstone, argillite, phyllite; minor quariz-mica schist, basaltic and andesitic flows, amphibolite, conglomerate and breccia; inci
19	Greywacke, shale, slitstone; minor arkose and lenses of pebble conglomerate		MISSISSIPPIAN AND/OR LATER SLIDE MOUNTAIN GROUP
JURASSIC	(7)		FENNELL FORMATION: pillow lava flows, greenstone, foliated greenstone greenschiat, argillite, chert, minor amphibolite, ilmestone, breccia
18	Shale, grit	3	WINDERMERE OR CAMBRIAN AND LATER
17	Chert-pebble conglomerate, greywacke	PROTEROZOIC (?	KAZA OR CARIBOO GROUP feldspathlc quartz-mice schist, locally gernetilerous, micaceous quartzitic siliceous phyllite, quartz-hornblende-mica schist, marble, chlorite schist, greenstone, amphibolite
JURASSIC		OTE.	
	MURIAN TO (?) MIDDLE JURASSIC Porphyritic augite andesite breccia and congiomerate; minor andesite,	Н.	
16	arenite, tuff, argillite, and flows (may include some 11; 16a, isolated areas of hornblende andesite (may be all or partly intrusive)		SHUSWAP METAMORPHIC COMPLEX
15	Andesitic arenite, siltstone, grit, breccia and tuff; local granite bearing		Micaceous quartzo-feldspathic gneiss, quartz-mica schist, amphibolite, m quartzite, pegmatite
15	conglomerate, greywacke; minor argillite and flows (may include some 11)		

Rock outcropx
Geological boundary (approximate)
Bedding, tops unknown (inclined, vertical)
Bedding (as shown on cross-sections)
Schistosity, cleavage (horizontal, inclined, vertical)
Foliation (as shown on cross-sections)
Lineation (horizontal, inclined)
Fault (approximate, assumed)
Thrust fault (approximate, assumed)
Anticline (defined, approximate)
Syncline (defined, approximate)
Fossil locality
Mineral occurrence





TIDE RESOURCES LTD.

CLUB CLAIMS 1,2,687

REGIONAL GEOLOGY

N.T.S. 92P/14W

the east of this sequence of rocks. An extensive cover of Upper Tertiary (Miocene-Pliocene) basaltic lavas of the plateau type lie to the west.

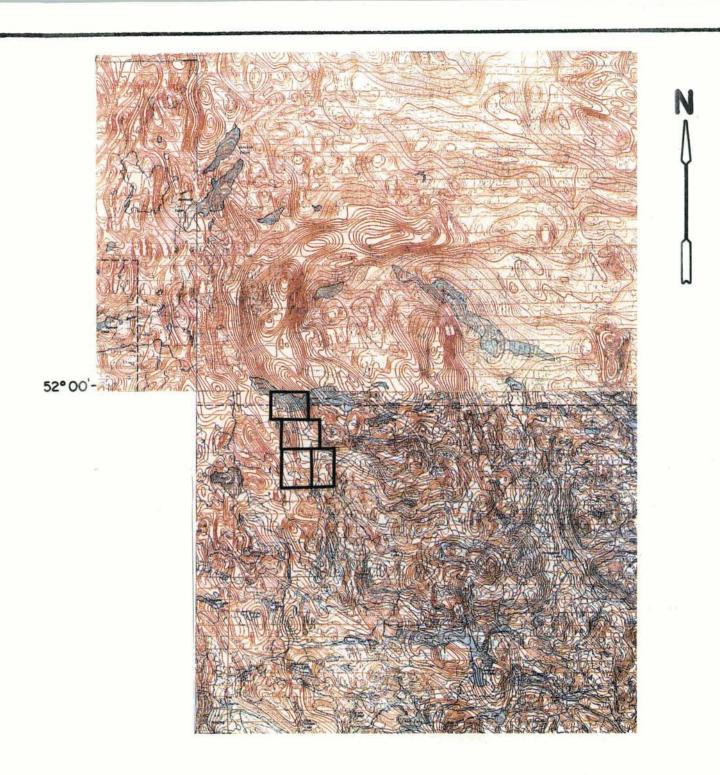
The eastern edge of the Intermontane belt contains a linear band of alkalic stocks composed of diorite, monzonite and syenite. These stocks intrude the volcanic strata and commonly alter the country rocks. They are hosts for several alkalic suite porphyry mineral deposits such as Copper Mountain, Afton, Cariboo-Bell and the recently discovered QR gold Mine. The QR discovery is reported to contain some 6500 kilograms of gold reserves.

LOCAL GEOLOGY

The claims lie north of a southwestern edge of a large magnetic arc as shown on Figure 3. This feature forms an arc like pattern which curves westward and is some 10 miles in length. Geological investigation has shown this anomaly to be caused by magnetite rich alkalic stocks and dikes. Initial investigations in the area began in the late 60's when regional soil sampling located extensive evidence of copper mineralization.

Two principle properties were located at that time; the WC claims around Spout Lake, and the Tim claims.

Craigmont Mines Ltd. diamond drilled on the WC claims and located a zone containing 20 feet of 2.47% copper, no assays were done for precious metals. The Tim claims were tested by Stallion Resources Ltd. in the fall of 1983, a zone of 10.7



TIDE RESOURCES LTD.

CLUB CLAIMS 1,2,687

G.S.C. REGIONAL AEROMAGNETICS

N.T.S. 92P/14W

meters assayed 4.6% copper, 1.7 oz/ton silver and a 1.5m section with 0.119 oz/ton gold.

A new showing, the Miracle showing, is located on the strong magnetic high in the nearby Miracle claims to the east. It initially occurred as a minor exposure of heavy malachite stain along a new logging landing. Minor scraping exposed primary chalcopyrite in highly propylitized andesites. The author visited the property at that time and recommended further work. G W R Resources Inc. optioned the claims and completed a more extensive trenching program. Prospectors samples yielded over 1.5 oz/ton gold.

PREVIOUS WORK

Exploration in the region began in 1966 with a reconnaissance geochemical soil sampling program conducted by Coranex Limited under the direction of J.R. Woodcock, followed by Amax Asarco, Craigmont and others. BP-Selco conducted a broad scale soil sampling program in the early 80's and located several strong copper-gold geochemical anomalies that were not explored. Several of their geochemical anomalies were located on the adjoining Ann and Miracle claims though no follow up work was recorded.

The 1967 work reported on Coranex and Amex describes some trenching and a minor amount of induced polarization work which located several good anomalies. This work was undertaken on the Ann claims to the northeast. This old work is referred to as the Peach showings.

PROPERTY GEOLOGY

The claims are generally covered by a variable thickness of glacial outwash. Limited outcrop shows the presence of the Nicola group of andesitic to basaltic and gabbroic tuffs and flows in gradational contact with a fractured syenite.

These units have all undergone regional green schist metamorphism and generally exhibit propylitic to argillic alteration.

GEOCHEMISTRY

The soil samples were collected from the "B" horizon with the aid of a lightweight mattock and were sent to a Professional geochemical Lab for analysis. In the laboratory the samples were oven dried at approximately 60 degrees centigrade.

The dried samples were ring pulverized to approximately -100 mesh and were analyzed for the elements silver, gold, and copper by atomic absorption after digestion with hot concentrated nitric and hydrochloric acids. Some 700 samples were obtained

MAGNETOMETER VLF EM SURVEYS

The VLF EM and Magnetic surveys were conducted simultaneously utilizing the Omni-Plus VLF/MAGNETOMETER System built by EDA Instruments Inc. This instrument contains several microprocessors and associated circuitry for monitoring, processing and storing data.

The VLF EM portion of this instrument utilizes the VLF-electromagnetic fields generated by submarine navigation and communication stations which operate in the 15-30 khz frequency band.

The field generated by these stations is primarily horizontal. The instrument indicates the presence of a secondary field due to a conductor as a distortion in this horizontal field.

The distortion of this field produces an anomaly in the tilt angle, quadrature and total field intensity readings.

VLF EM data is corrected for facing direction during data processing and is edited for spurious noise spikes.

For maximum coupling, a transmitter station located in the same direction as the geological strike of interest should be selected, since the direction of the horizontal electromagnetic field is perpendicular to the direction from the transmitting station. The advantage of the Omni-Plus is that several stations can be recorded simultaneously since the instrument automatically orientates to the individual station direction.

The magnetics portion of this survey was conducted using the magnetometer system built into the Omni-Plus in conjunction with an EDA base magnetometer. The quartz clocks in the two instruments are synchronized in the morning. At the end of each survey day the field unit's readings are corrected using an RS232C interface and the built in microprocessors.

Following the diurnal correction procedure, data is dumped via the RS232C interface to a microprocessor which writes data to the disk for storage and later processing. The solid state memory of this instrument and the microprocessor give rapid data gathering at some 5 - 10 kilometers per day at 12.5m station intervals. Seattle Washington and Cutler Maine were used for the VLF EM portion of the survey. Some 36 kilometers were surveyed.

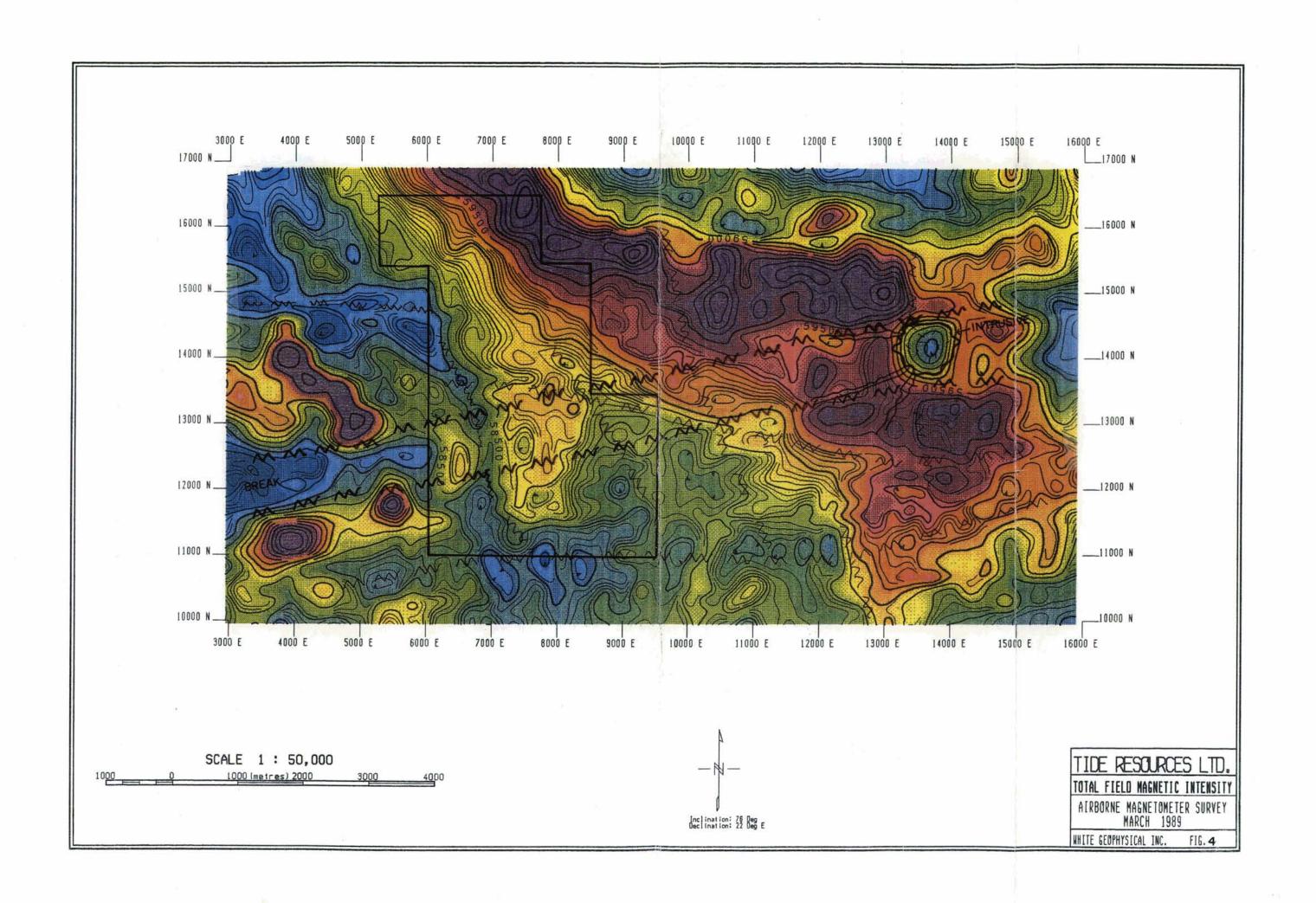
DISCUSSION OF RESULTS

AIRBORNE MAGNETOMETER SURVEY

A helicopter borne detailed magnetometer survey was conducted over the Lac La Hache Gold Camp by Tide Resources Ltd. in a joint venture with Armstrong Mountain Gold Inc. Some 455 kilometers of this detailed survey work is illustrated on Figure 4 at a scale of 1:50000. The ground work on the Club claims was initiated in an area of intersecting structural linears detected by this survey.

The well defined eastnortheast to westsouthwest two kilometer wide break is associated with a monzonite stock with radiating dikes and peripheral copper gold mineralization on the Ann claims to the east. A deep magnetic low on the Miracle claims to the east was detected as a weak magnetic linear. This linear is also associated with gold. It intersects the major break just inside the club claims.

The southward trending nose of the magnetic high is likely syenite intrusive rocks.



GEOPHYSICAL SURVEYS

The survey grid was laid out in a north to south direction over the area of intersecting magnetic linears and surveyed with ground magnetometer and VLF electromagnetic instruments.

The detailed magnetometer survey shows that the survey grid covers the area of the magnetic low detected by the airborne work and flanks the southward magnetic nose to the west. The north end of the grid lines touched the main alkalic intrusive zone as indicated by the magnetic high values.

The survey area is dominated by small magnetic highs suggesting that the Nicola Volcanics have been metasomatized by the alkalic intrusives in an irregular fashion. This area may be along the south edge of the intrusives in the green schist phase of the volcanics. Good indications of structure are shown by the magnetic low linears which trend in a general west to northwest direction. This direction reflects the trend of the major structures on the Miracle claims to the east.

The VLF EM portion of the survey outlined a pattern of good east west conductors in the center of the survey area. Weaker cross structures with a southwest to northeast orientation are also indicated. These conductors parallel the broader southwest to northeast break detected by the helicopter magnetometer survey.

GEOCHEMICAL PROGRAM

sampling obtained excellent results particularly for the element gold where several values were over 1000 The highest values were 1930 ppb and 1810 ppb. A cumulative percent frequency chart for gold is as follows:

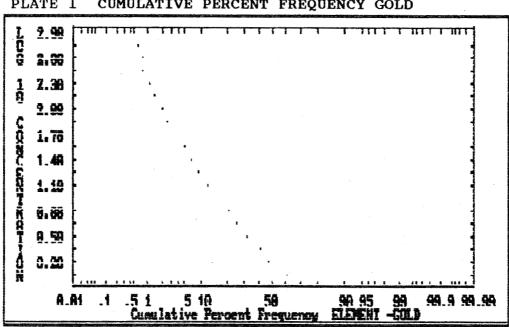
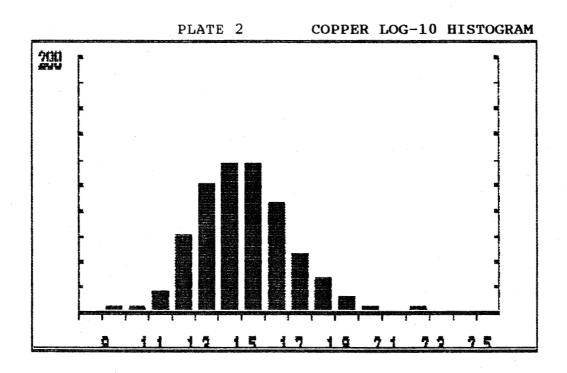


PLATE 1 CUMULATIVE PERCENT FREQUENCY GOLD

Good analytical techniques are indicated. A threshold contour level of 8 ppb outlines anomalous responses. nite contour patterns are formed by the high values, they are biased in a conjugate set of northeast-southwest and northwest-southeast directions. The northeast direction is particularly interesting in that it is the direction of the major break indicated by the magnetic data. Thus the anomalous data follow the two main structural directions indicated by the magnetic and VLF electromagnetic surveys.

The copper geochemical data gave a high of 335 ppm above a background of some 25 ppm. A first contour level of 45 ppm outlines the anomalous areas. Anomalous copper values on this claim group are lower than on the claims to the west. However the gold values are much higher and more consistent. A geological explanation may be that the gold mineralization is situated in structures along the alteration front of the syenite intrusives in the green schist phases of the volcanics. Extensive argillic alteration has been noted with anomalous gold areas.



The copper anomalies do not follow the inferred structures and thus would appear to be associated more with the intrusive alkalic rocks and metamorphosed Nicola volcanics. The silver geochemical data is only weakly anomalous and closely follows the copper highs.

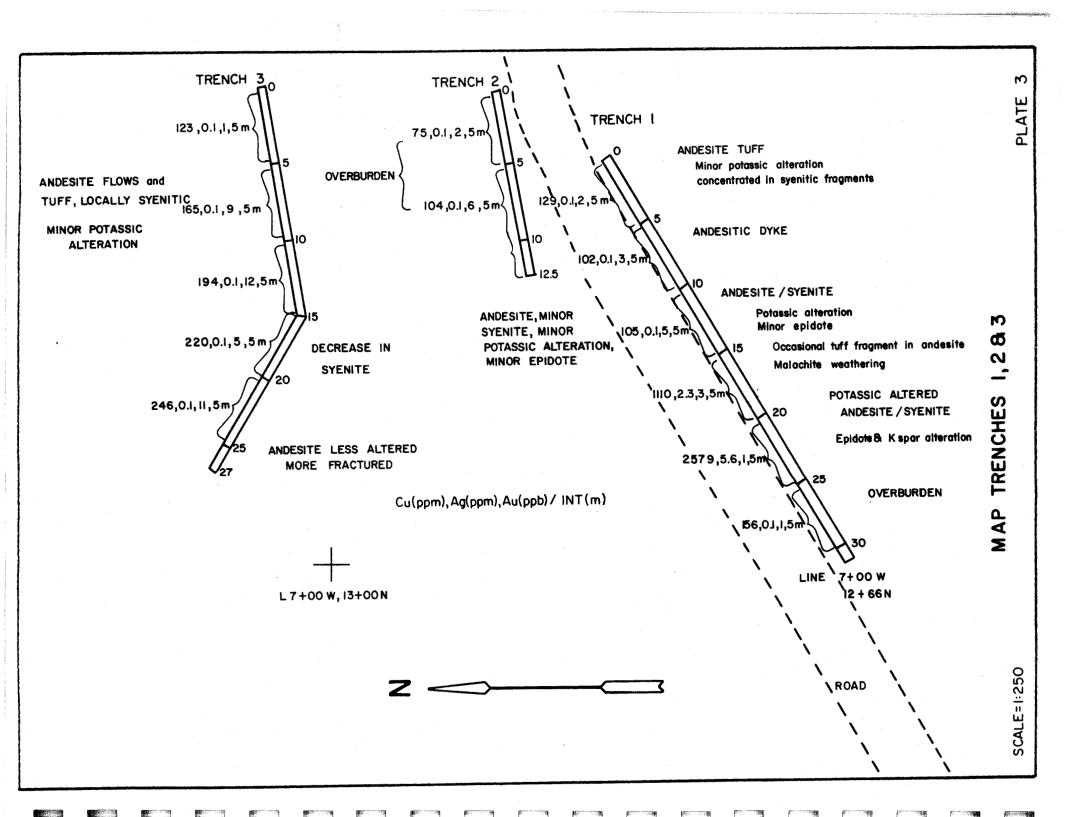
GEOLOGICAL INVESTIGATION

A limited program of geological investigation and trenching was supervised by D.A. Perkins B.Sc. F.G.C.A. Five trenches were completed and sampled. Their grid positions are shown on the Interpretation Map Figure 12.

Minor malachite stain was found along the road southwest of the highest copper and gold values, trenching was undertaken along the road as a preliminary look see to minimize environmental impact.

Trench 1 covers 31 meters and generally exposes a potassically altered andesitic tuff to syenite, including 10 meters of visible intermittent malachite. This zone assays 1110 ppm copper, 5.6 ppm silver, 1 ppb gold for 5 meters; and 2579 ppm copper, 5.6 ppm silver and 1 ppb gold for the next 5 meters. A malachite enriched sub-section of 1.5 meters ran 3087 ppm copper 4.4 ppm silver and 11 ppb gold.

Trench 2 (12.5 meters) contained potassically altered andesite with minor syenite outcrops in the western 2.5 meters of the trench. Trench 3 (28 meters) exposes andesite flows and tuffs with local syenite and generally minor potassic alteration. Neither trenches 2 or 3 contained any anomalous geochemical values and were off of the geochemical trends. Thus more significant results will likely be obtained over the actual high gold and copper soil values.



Trench 4 was positioned in the area of a 1080 ppb gold anomaly, it covered 45 meters and reached a spot depth of 5.5 meters and did not locate bedrock. A soil sample in the bottom over 5 meters gave 48 ppb gold substantiating the general presence of gold in the soil. This anomaly is part of a NE - SW trend that extends off of a moderate VLF EM anomaly to the NE. Thus the trench may have to be shifted to the NE.

Trench 5 likewise covered a NE trending gold anomaly but did reach bedrock. Subcrop was encountered 5 meters below surface and consists of highly propylitically altered gabbro to basalt. A shear structure heavily hematitic and jarositic with minor calcareous fracture fillings and extensive argillic alteration was also encountered. This structure is orientated 060 degrees which conforms to the geochemical trend. However geochemical values were low, possibly due to surface leaching.

DISCUSSION OF RESULTS

The helicopter borne magnetometer survey has outlined an area of intersecting magnetic linears which have been interpreted as regional structures. These structures intersect in the northwest corner of the Club 7 claim. Detailed ground magnetometer and VLF electromagnetic surveys defined specific anomalies which are coincident with the regional patterns. Soil sampling has located unusually high gold geochemical values in this area.

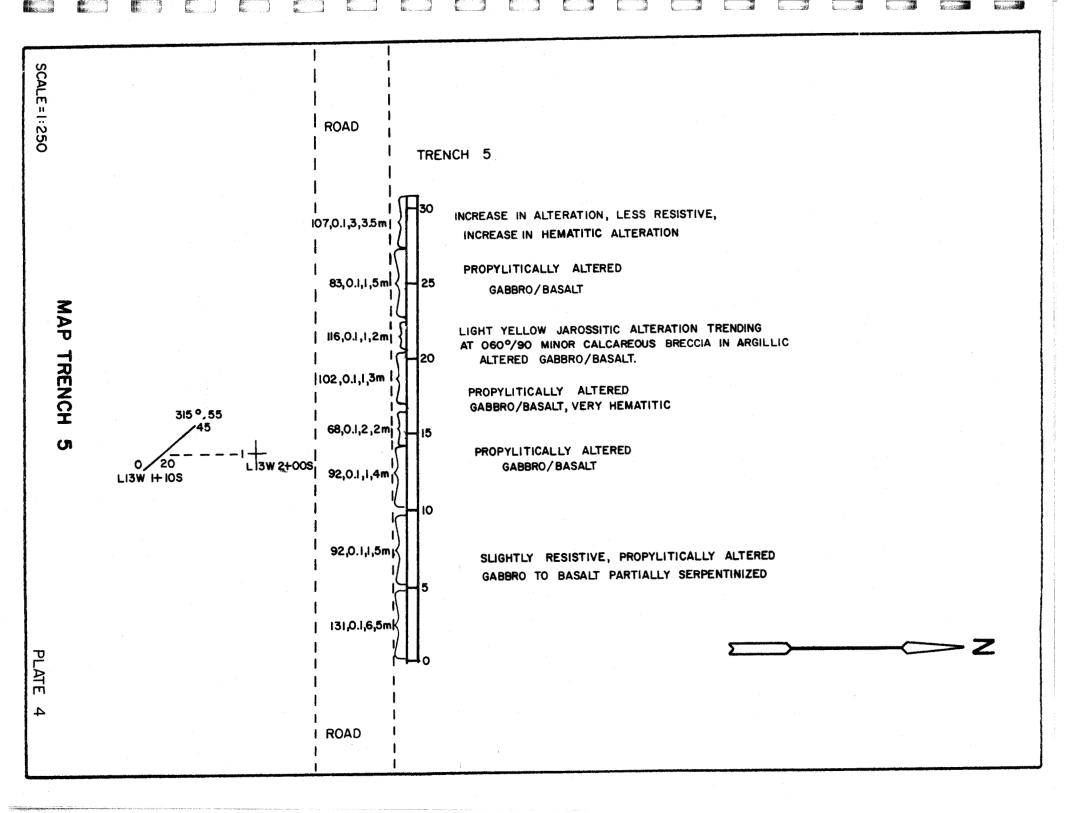


Figure 12, the Interpretation Map depicts the excellent correlation between the VLF EM and gold geochemical contour patterns. In most cases the gold data is shifted to the southwest from the electromagnetic conductors and magnetic low linears, suggesting a glacial transportation direction.

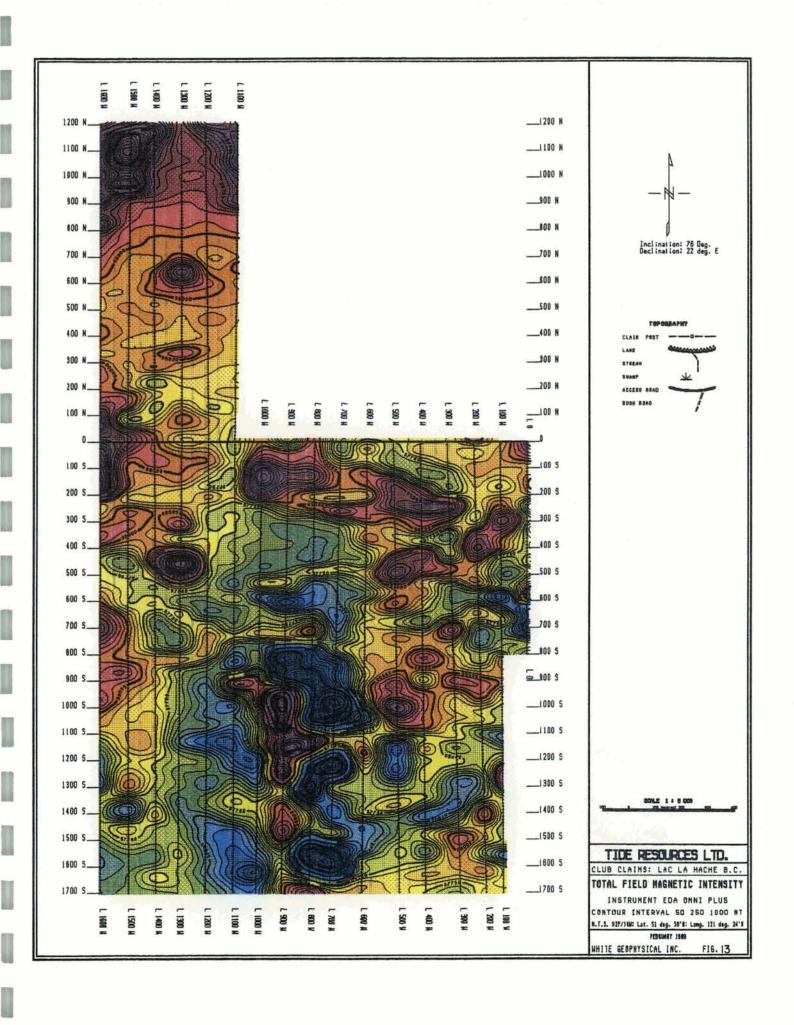
Trench 5, the only trench which penetrated the overburden over one of these gold - conductor anomalies, located an extensively altered 060 degree orientated structure. Pursuit of these structures on the adjoining claims has resulted in the location of low to high grade gold mineralization.

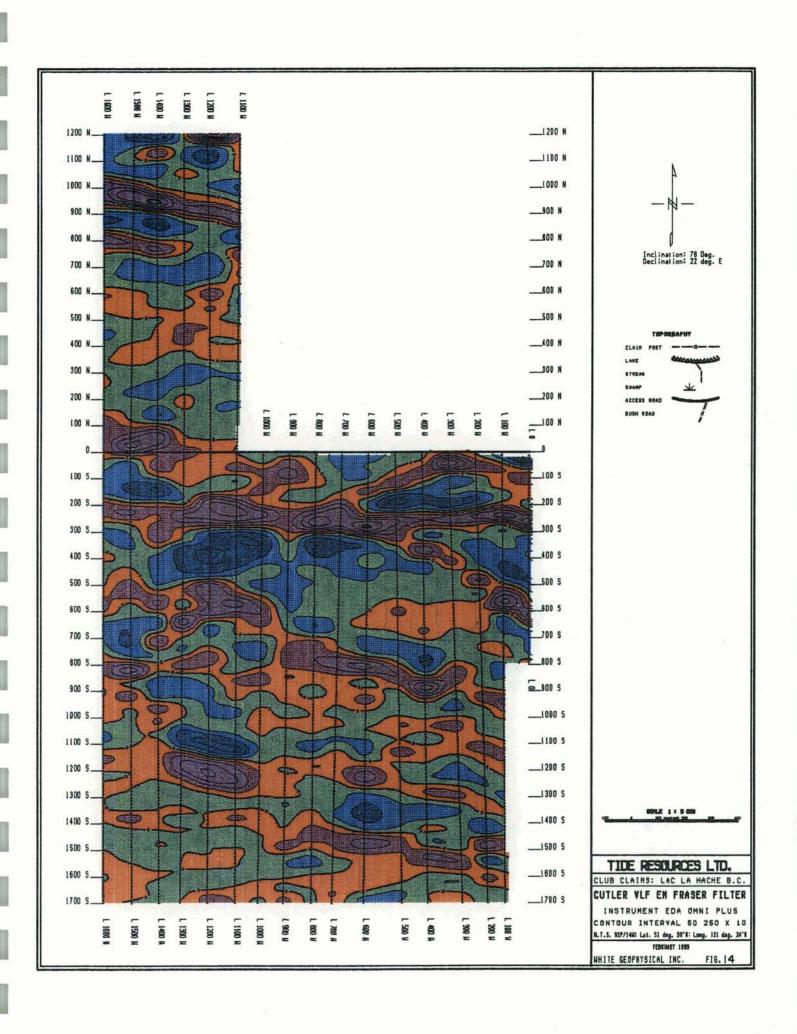
CONCLUSIONS

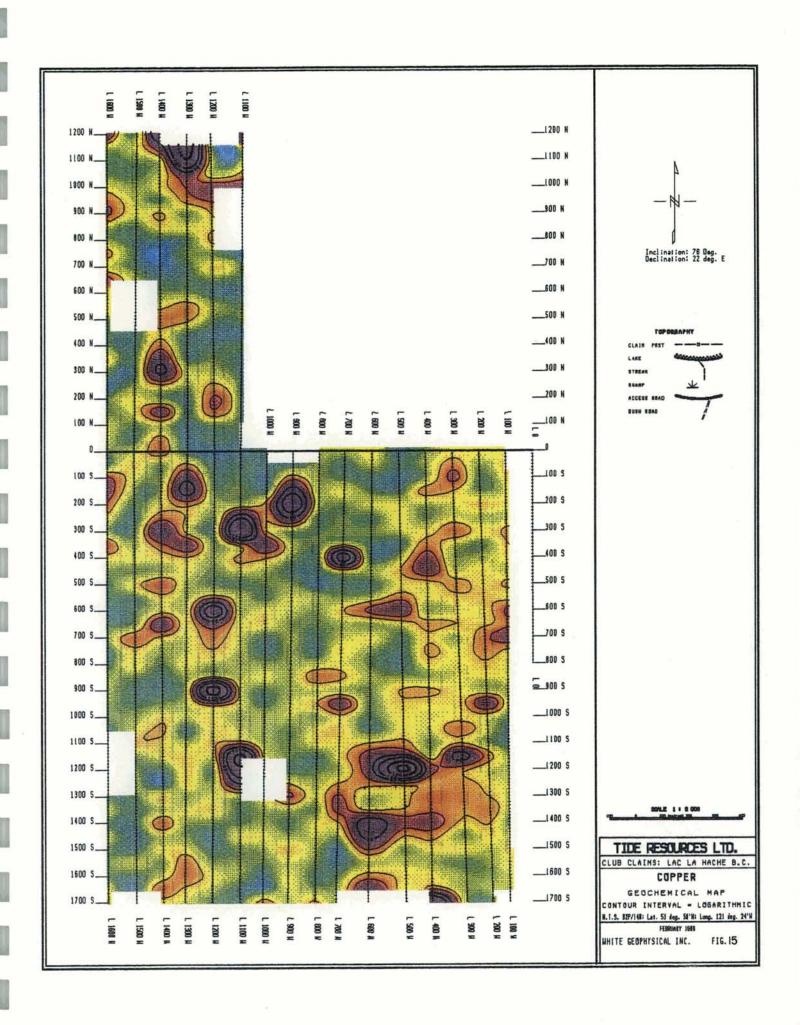
The Tide Resources Ltd. Club claims have been shown to lie in an area of favorable geology consisting of alkalic intrusives into the Nicola series of volcanic rocks.

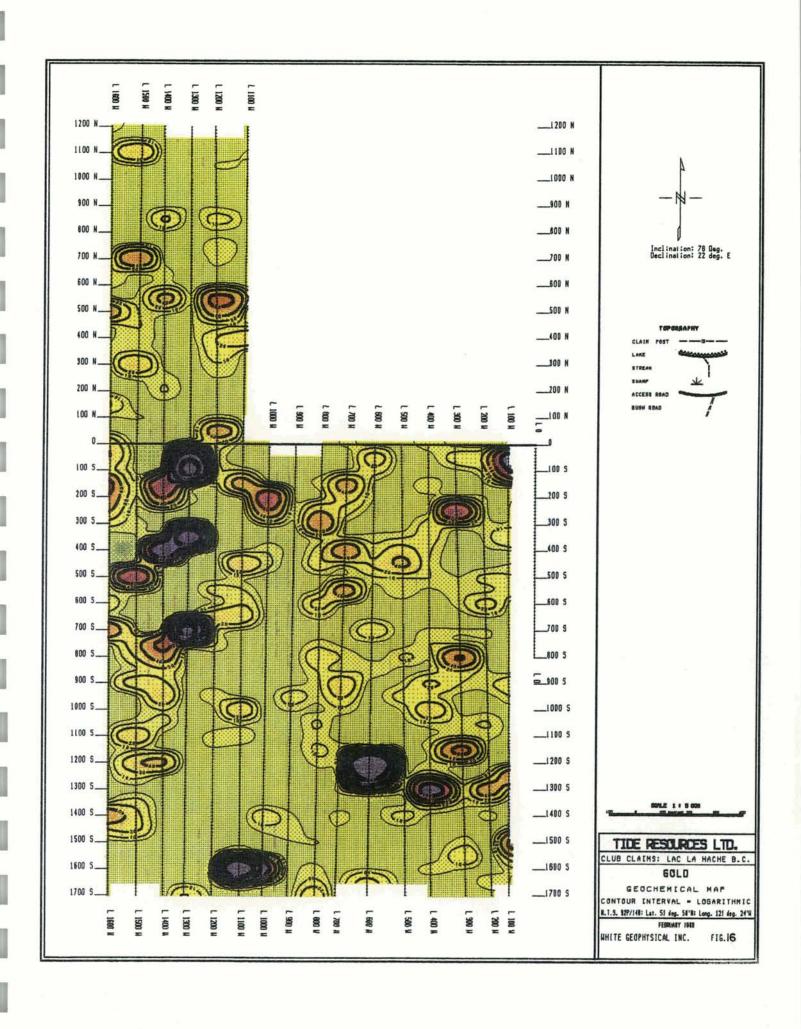
An area of intersecting structures has returned gold soil geochemical values of up to 1930 ppb, with 4 samples over 1000 ppb. The magnetic and VLF electromagnetic surveys indicate the presence of overburden covered structures associated with these high geochemical numbers.

The area surveyed is a small portion of the Club claims and was specifically undertaken to examine the zone of intersecting structural linears. The remaining unsurveyed portion as indicated by Figure 4 is underlain by a south trending nose of syenite rocks. Appendage intrusives usually are good exploration targets due to structure and metamorphic thermal gradients.









RECOMMENDATIONS

Based on the excellent geochemical and geophysical results to date, it is recommended that the remaining portion of the claims be systematically sampled and surveyed in conjunction with geological mapping.

The present area of high geochemical values should be detailed with the induced polarization method for chargeability sources and resistivity lows followed by further trenching.

RESPECTIVELY SUBMITTED,

GLEN E. WHITE B.Sc. P. Eng.

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STATEMENT OF QUALIFICATIONS

- I, Glen E. White, with a business address of 11751 Bridgeport Road, Richmond B.C. do hereby certify that:
- 1) I am a consulting geophysicist registered with the Association of Professional Engineers of British Columbia since 1977.
- 2) I am an Associate Member of the Society of Exploration Geophysicists.
- 3) I hold a B.Sc. degree (1966) in geology and geophysics from the University of British Columbia.
- 4) I have been practising my profession as a geophysicist-geologist for over 22 years.
- 5) I have practical geological geophysical experience in all the geological provinces of Canada and the southwestern United States.
- 6) I have based this report on a review of available Geological publications and exploration reports.
- 7) A letter of consent is required before this report can be used in whole or in part for publication or any filing statement or Statement of Material Facts.

GLEN E. WHITE P.S. F. Eng.,

COST BREAKDOWN

PHASE I

TOTAL

ACTION MINE SERVICES LTD. Line cutting and soil sampling 37 km at \$250/km	\$9,250
PERSONNEL DATE A. Kriberg November 6 - 27/88 D. Gagne November 6 - 27/88 Trenches 1,2 &3 backhoe & moves Glen E. White supervision & visit Nov 11, 12/88 Geochemical analysis Prospector D. Fuller	\$1,000 \$4,500 \$5,792 100
PHASE II	
Trenches 4 & 5 backhoe, trailer assistant D.A. Perkins F.G.A.C.	\$1,170 \$1,500
PERSONNEL DATE M. Folks Dec. 20-23, 27-31/88 L. Torheidan Jan 5-12/89 Magnetometer survey 35km at 110/km Electromagnetic survey 35km @ \$110/km Airborne interpretation & plotting Magnetometer & VLF EM data plotting Interpretation, drafting & reports	\$3,850 \$3,850 \$2,500 \$3,000 \$3,000
TOTAL \$:	39,512

CLUB 1, 2, 6 & 7 SAMPLE SUMMARY

Sample No.	Location	(m)	Notes
48175 48176 48177	Trench 2 " Trench 3	0-5 5-12 0-5	
48178	"	5-10	
48179	11	10-15	
48180		15-20	
48181	17	20-25	
48182	Trench 1	0-5	
48183	11	5-10	
48184	11	10-15	
48185	11	15-20	
48186	11	20-25	
48187	11	25-30	
48188	11	17-17.5	Malachite Stain
48189	Trench 4	0-5	
48190	H	5-10	
48191	H .	10-15	
48192	11	15-20	
48193	11	20-25	
48194	11	25-30	
48195	11 11	30-35	
48196	11	35-40	
48197	- 11	40-45	
48198		45-55 5-10	
48201	Trench 5	10-14	
48202	. 11	14-17.5	
48203	11	17.5-21	
48204	11		
48205	11	21-22.5	
48206		22.5-27.5 27.5-31	
48207	••	21.5-31	

ACME ANALYTICAL LABORATORIES LTD.

DATE RECEIVED: DEC 19 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED:

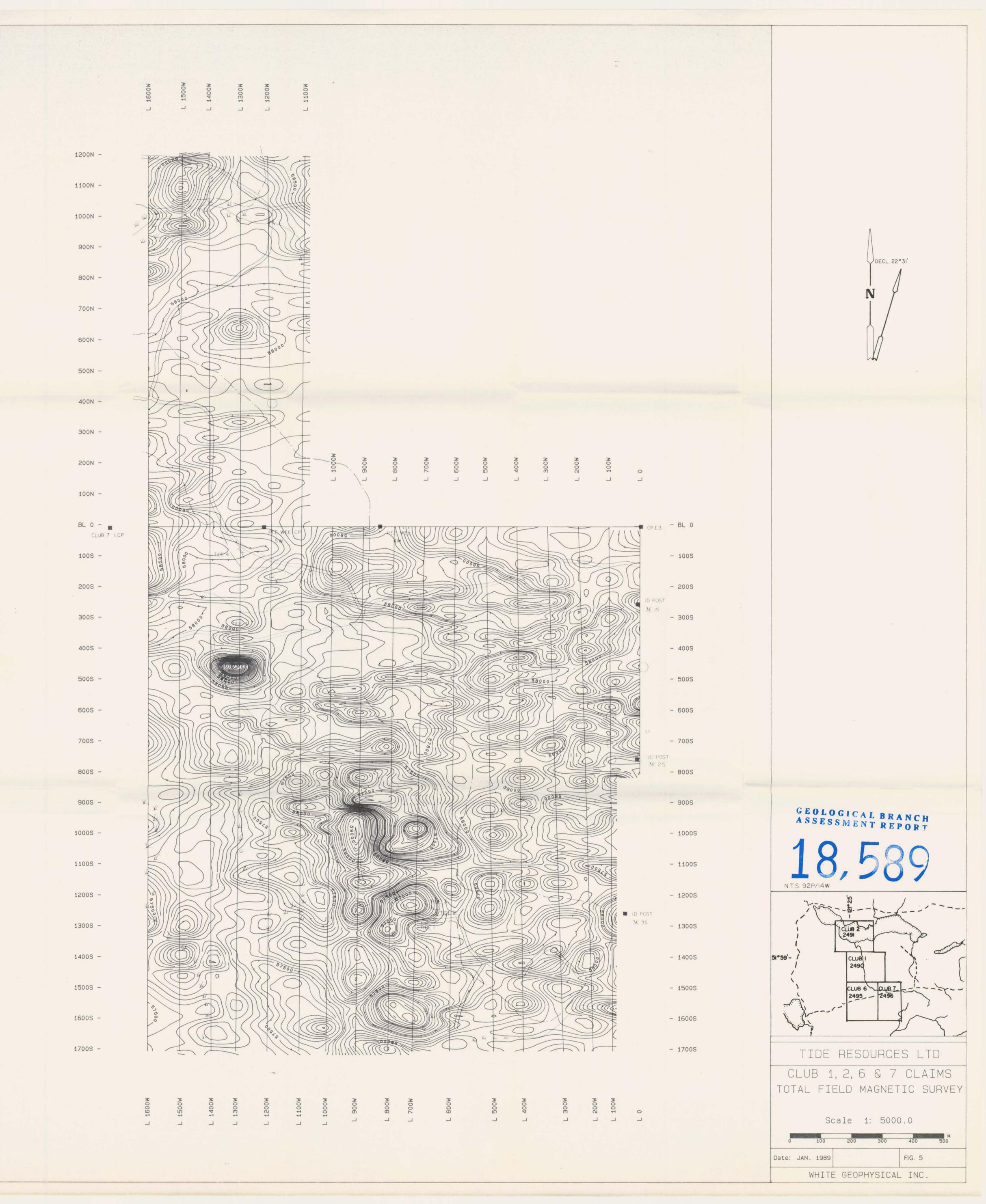
GEOCHEMICAL ANALYSIS CERTIFICATE

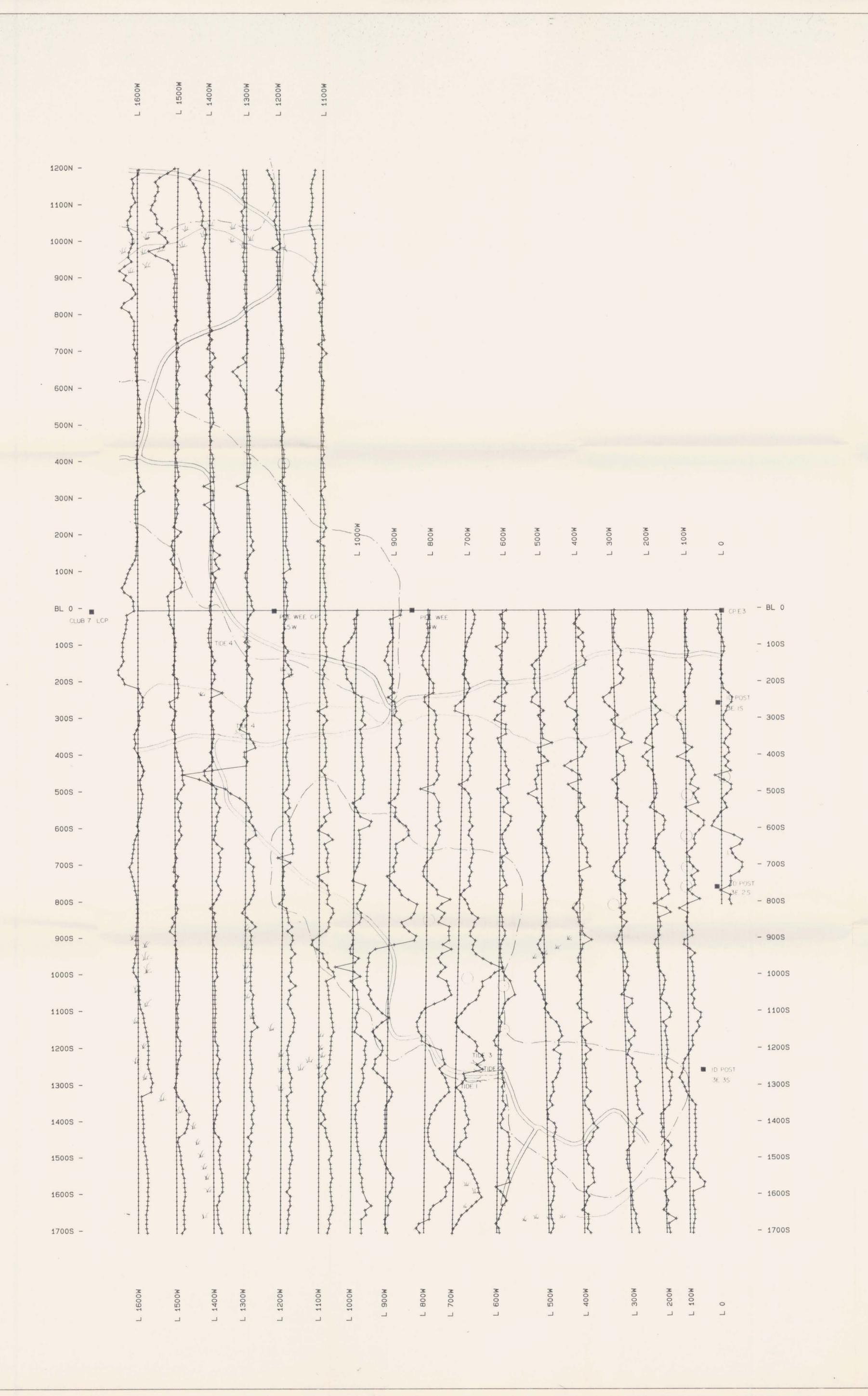
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR MA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK AU* ANALYSIS BY ACLD LEACH/AA FROM 30 GM SAMPLE.

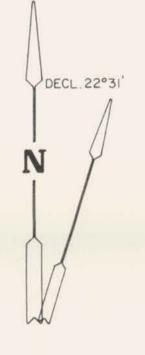
SIGNED BY D. TOYE, C. LEONG, B. CHAN, J. WANG; CERTIFIED B.C. ASSAYERS

TIDE PASSURCES PROJECT TIDE FILE # 88-6323

SAMPLE#	Cu	Ag	Au*
	PPM	PPM	PPB
48175 48176 48177 48178 48179	75 104 123 165 194	.1 .1 .1 .1	2 6 1 9 12
48180 48181 48182 48183 48184	220 246 129 102 105	.1 .1 .1 .1	5 11 2 3 5
48185	1110	2.3	3
48186	2579	5.6	1
48187	156	.1	1
48188	3087	4.4	11
48189	130	.3	48
48190 48191 48192 48193 48194	118 133 134 114 120	.1 .2 .3 .1	12 8 12 22 10
48195	109	.2	5
48196	108	.1	6
48197	101	.1	2
48198	164	.2	29
48201	131	.1	6
48202 48203 48204 48205 48206	92 68 102 116 83	.1 .1 .1 .1	1 2 1 1
48207	107	.1	3
STD C/AU-R	61	6.9	475



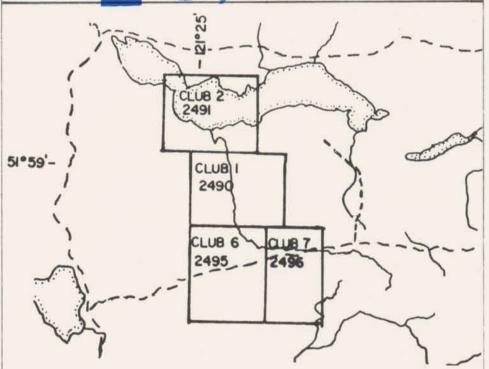




+ PLOTTING-Base=58000 nT. Scale=1000 nT./cm

GEOLOGICAL BRANCH ASSESSMENT REPORT

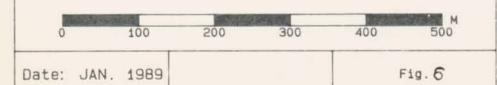
N.T.S. 92P/IAW 8, 59



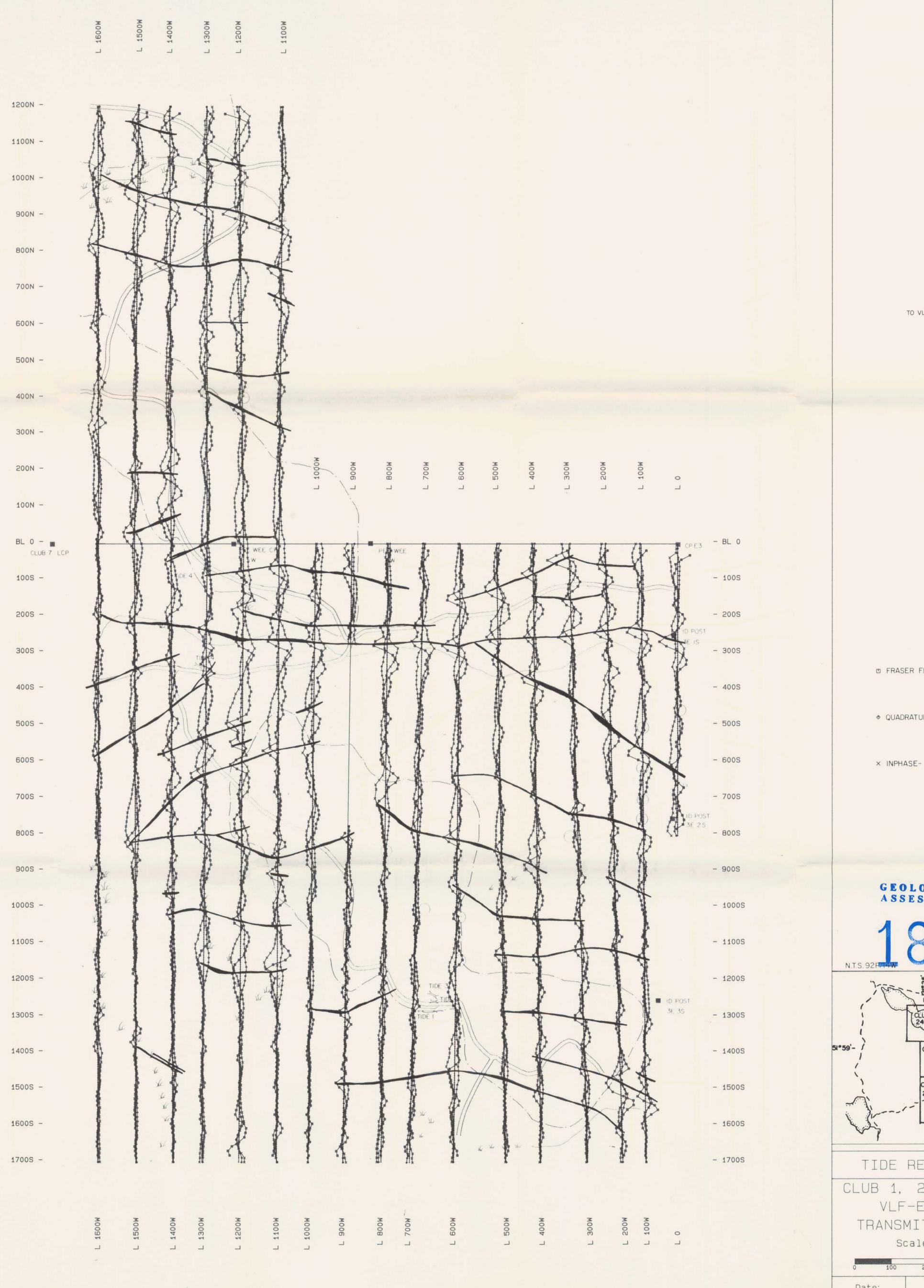
TIDE RESOURCES LTD.

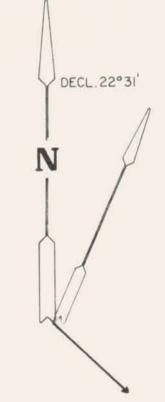
CLUB 1, 2, 6 & 7 CLAIMS TOTAL FIELD MAGNETIC PROFILES

Scale 1: 5000.0



WHITE GEOPHYSICAL INC.



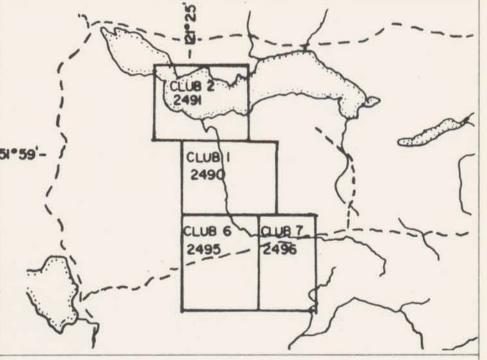


TO VLF TRANSMITTER

- ☐ FRASER FILTER-Base=0 Scale=20%/cm
- QUADRATURE -Base = 0
 Scale = 20 % /cm
- × INPHASE- Base=0 Scale=20%/cm

GEOLOGICAL BRANCH ASSESSMENT REPORT

18,589



TIDE RESOURCES LTD.

CLUB 1, 2, 6 & 7 CLAIMS

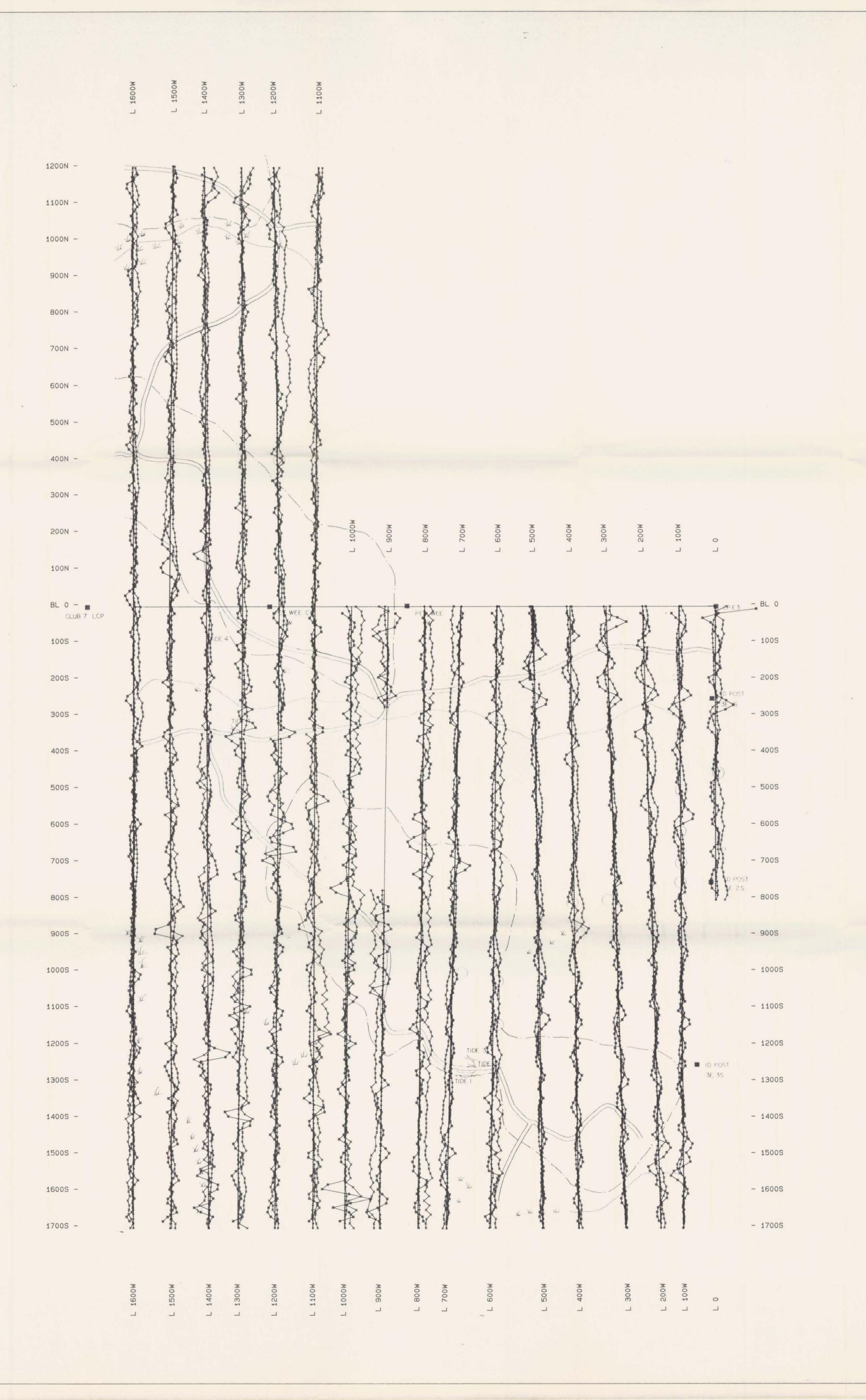
VLF-EM PROFILES

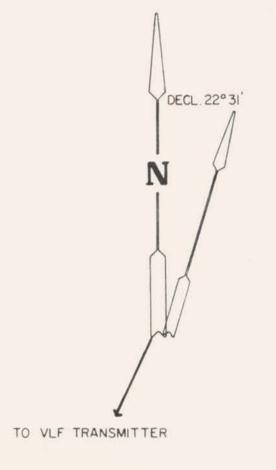
TRANSMITTER: CUTLER

Scale 1: 5000.0

0 100 200 300 400 500 Date: Fig.7

WHITE GEOPHYSICAL INC.

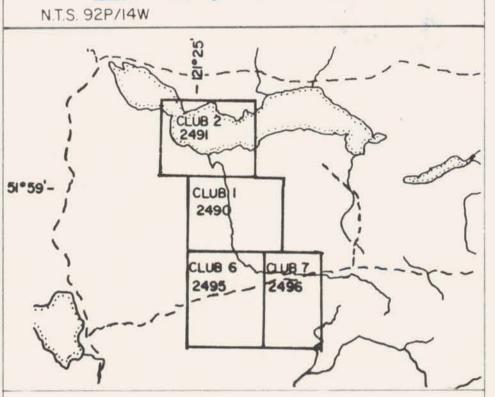




- □ FRASER FILTER-Base=0 Scale=20%/cm
- QUADRATURE Base = 0
 Scale = 20% /cm
- × INPHASE Base=0 Scale=20%/cm

GEOLOGICAL BRANCH ASSESSMENT REPORT

18,589



TIDE RESOURCES LTD.

CLUB 1, 2, 6 & 7 CLAIMS

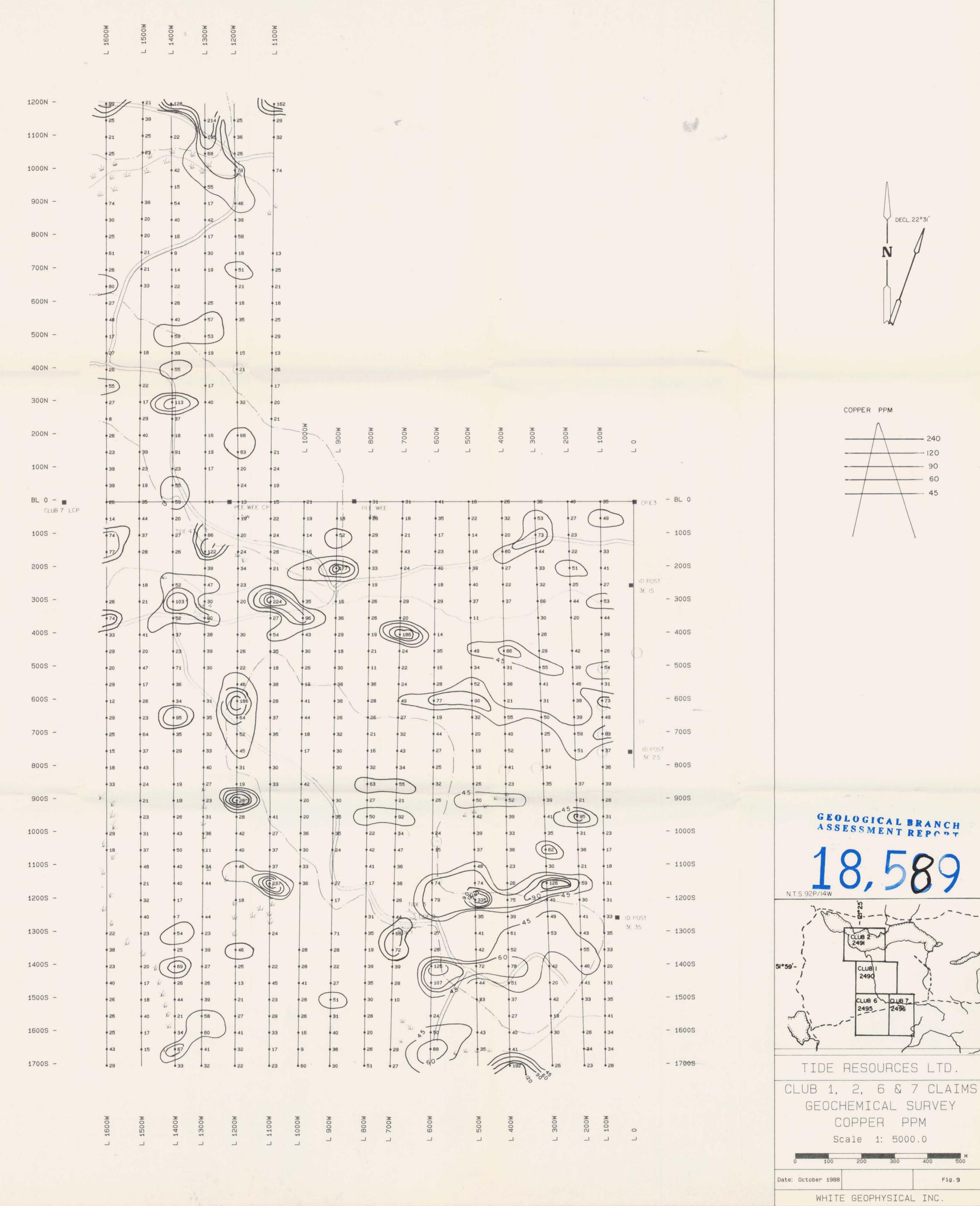
VLF-EM PROFILES

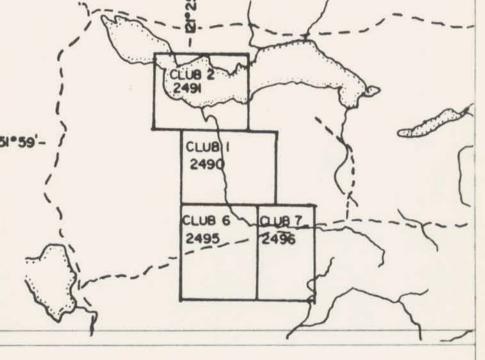
TRANSMITTER: SEATTLE

Scale 1: 5000.0

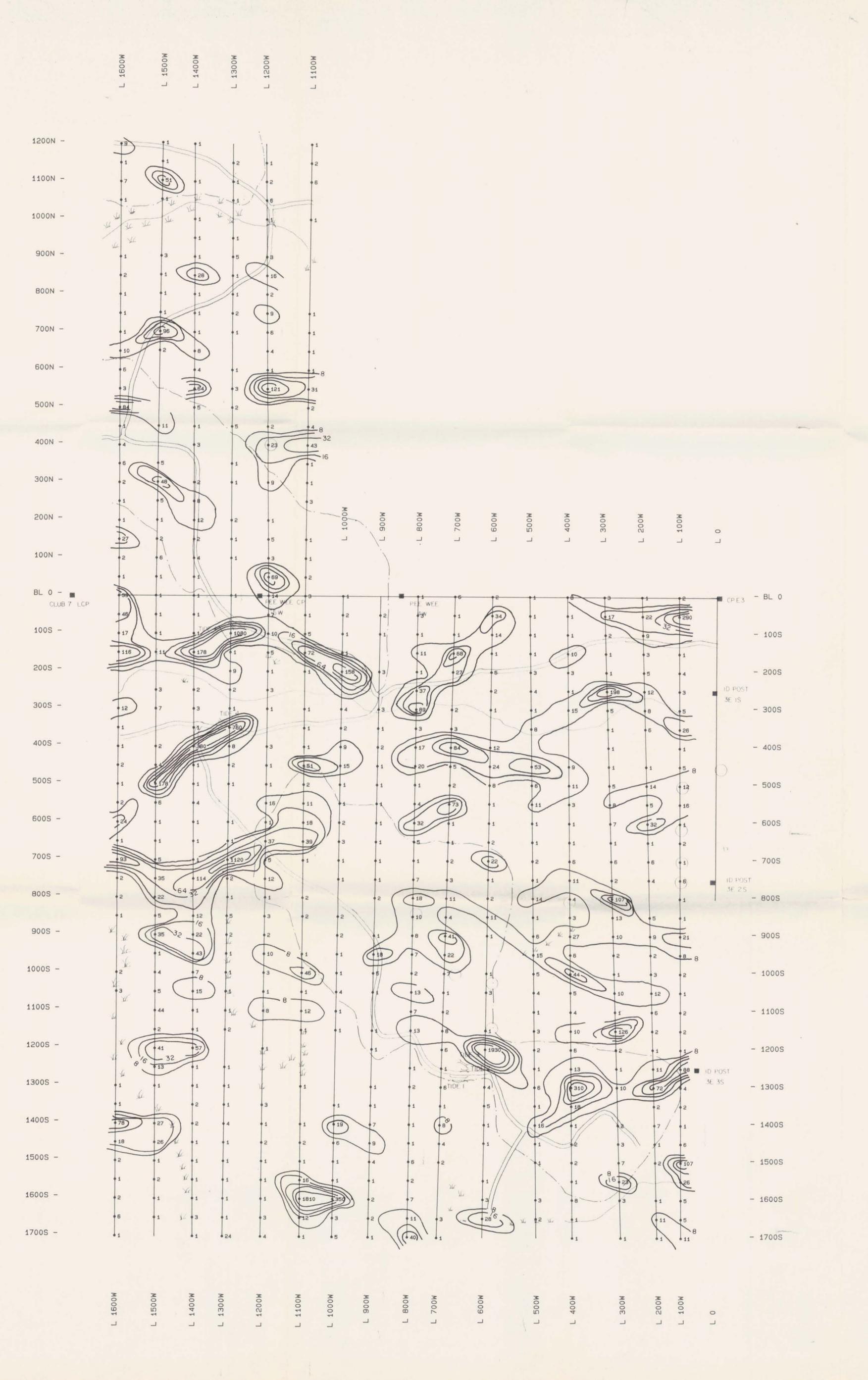
Date: Fig.8

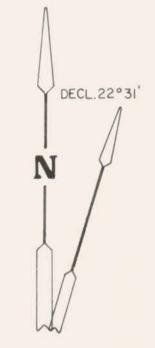
WHITE GEOPHYSICAL INC.

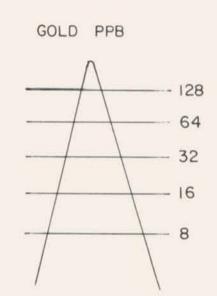




0	100	500	300	400	500
Date: Octob	ner 1988				Fig. 9

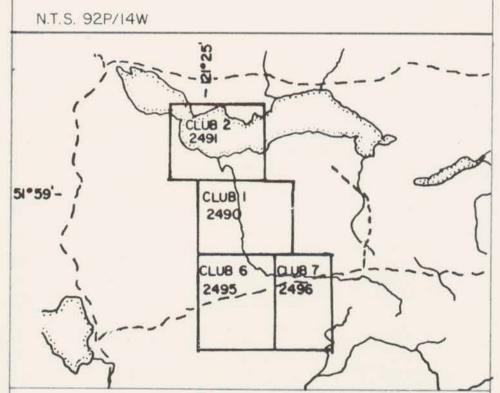






GEOLOGICAL BRANCH ASSESSMENT REPORT

18,589



TIDE RESOURCES LTD.

CLUB 1, 2, 6 & 7 CLAIMS

GEOCHEMICAL SURVEY

GOLD PPB

Scale 1: 5000.0

0 100 200 300 400 500 Date: October 1988 Fig. 10

WHITE GEOPHYSICAL INC.

