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GEOLOGICAL, GEOCHEMICAL
AND GEOPHYSICAL REPORT
ON THE
WARATAH PROJECT

FILED

Located in the Iskut River area
Liard Mining Division
NTS 104B/10W,11E
56° 41' North Latitude
130° 59' West Longitude

-prepared for-
TUNGCO RESOURCES CORPORATION

-prepared by-
David A. Caulfield, Geologist

December, 1988

18,113

GEOLOGICAL BRANCH
ASSESSMENT REPORT

Part 1 of 2

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE WARATAH PROJECT

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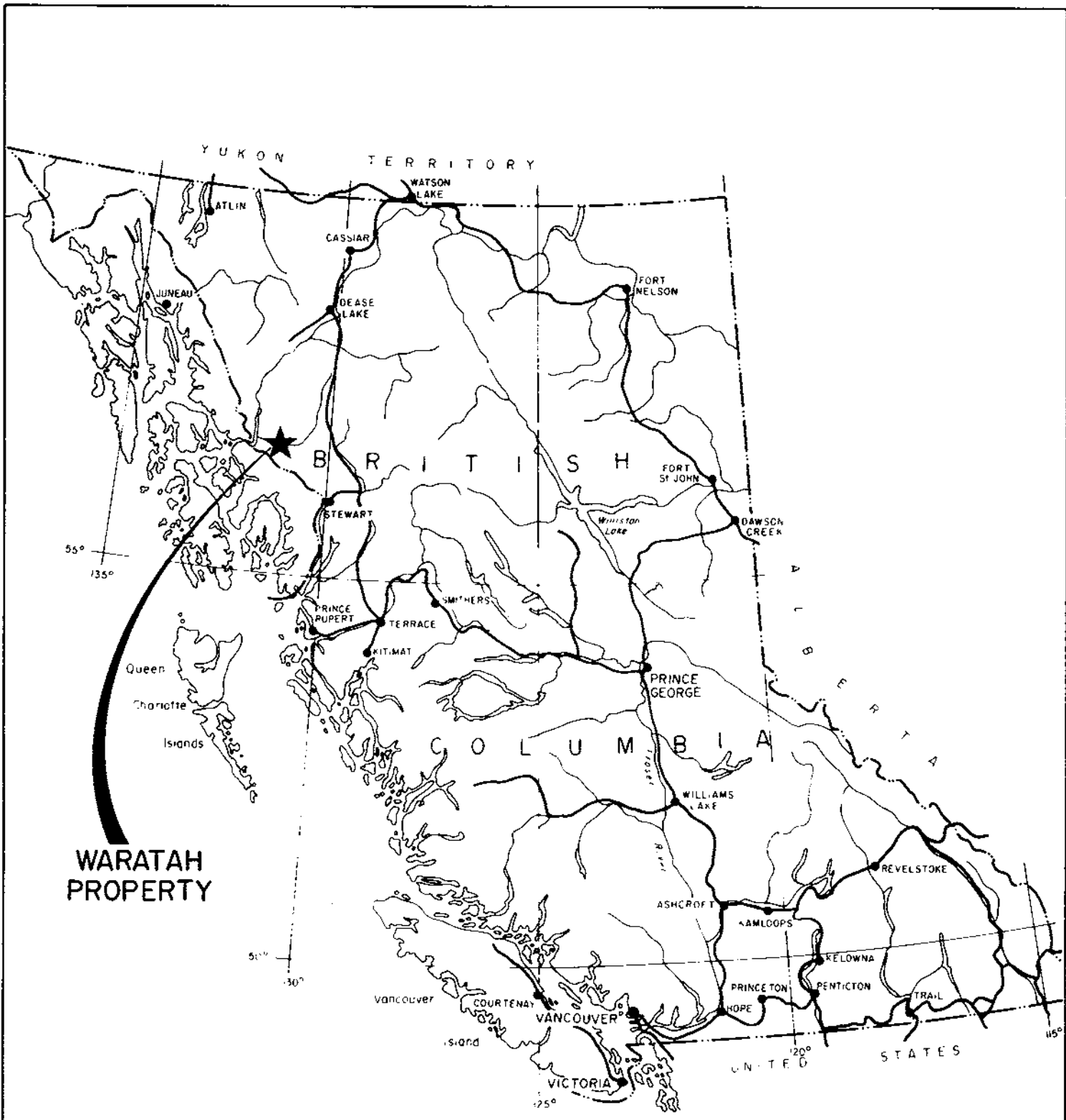
1.0 INTRODUCTION

During the fall of 1982, Skyline Explorations Ltd. staked the property known as the Waratah Group to cover favorable geology similar to that hosting their high-grade Stonehouse gold deposit. Skyline completed limited field exploration programs on the Waratah property from 1983 through 1985, before optioning it to Tungco Resources Corporation. In 1987, Tungco completed geological, geochemical and geophysical surveys and diamond drilling on the Waratah property, resulting in the discovery of several narrow gold-rich quartz-chlorite-sulphide veins. During the 1987 and 1988 field seasons, numerous other significant gold discoveries were reported throughout the Iskut River area, making this region one of the more exciting and promising gold areas currently under exploration in British Columbia.

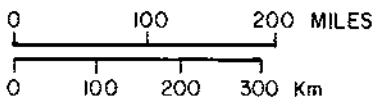
Geological mapping, prospecting, trenching, soil geochemical sampling and geophysical surveying were carried out over the Waratah property from June to September of 1988. Equity Engineering Ltd. conducted this program for Tungco Resources Corporation and has been retained to report on the results of the fieldwork. The geophysical surveys were performed by S.J.V. Consultants Ltd., whose report is appended. The results of diamond drilling programs conducted during February/March and September/October 1988 will be reported upon separately.

2.0 LIST OF CLAIMS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following mineral claims, located in the Liard Mining Division, are owned by Skyline Explorations Ltd. (Figure 2). Separate documents indicate that the claims are under option to Tungco Resources Corporation. The legal corner posts for the four Waratah mineral



**WARATAH
PROPERTY**



TUNGCO RESOURCES CORPORATION			
WARATAH PROJECT			
PROPERTY LOCATION MAP			
ISKUT RIVER AREA			
EQUITY ENGINEERING LTD.			
Drawn J.W.	N.T.S. 104B/10W, 11F	Mining Division LIARD	FIGURE 1.

claims have been located in the field by the author and are shown along with approximate claim boundaries on Figures 4 and 5.

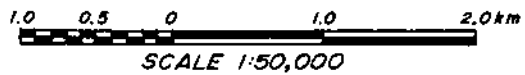
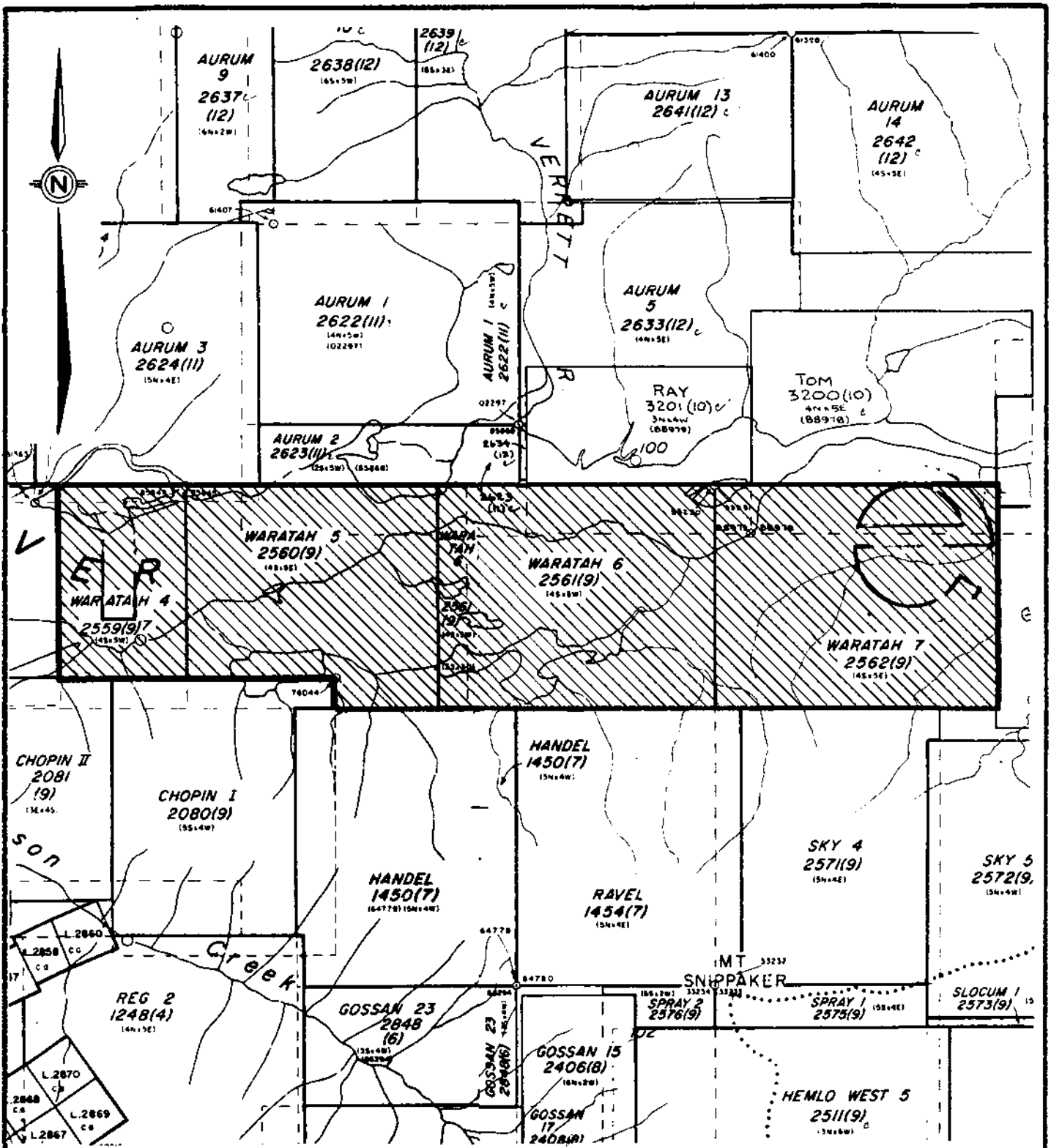
Claim Name	Record Number	No. of Units	Record Date	Expiry Year
Waratah 4	2559	20	Sept. 13, 1982	1992
Waratah 5	2560	20	Sept. 13, 1982	1992
Waratah 6	2561	20	Sept. 13, 1982	1992
Waratah 7	2562	20	Sept. 13, 1982	1992

An additional six years of assessment work have been filed on each of the claims. This work will be credited upon receipt of this report.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Waratah property abuts the northern flank of Snippaker Mountain along the Iskut River which is some eighty kilometers east of Wrangell, Alaska and 100 kilometers northwest of Stewart, British Columbia (Figure 1). The property extends from the Iskut River, including the flats on the river's northern side, south to the lower talus slopes of Snippaker Mountain. The claims lie within the Liard Mining Division, centered at 56° 41' North latitude and 130° 59' West longitude.

Access to the property is by helicopter from the Bronson Creek gravel air strip, located within one kilometre of the western boundary of the claim group (Figure 2). Daily scheduled flights using fixed wing aircraft link the strip to Smithers during the field season. Larger airlifts are best accessed from Wrangell or from a gravel strip located fifty kilometers to the east at Bob Quinn Lake along the Stewart-Cassiar Highway. A proposal by Pamicon Developments Ltd. recommends the construction of a road approximately 65 kilometers in length along the south side of the Iskut Valley to connect the Stonehouse and Snip gold



TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

CLAIM MAP

ISKUT RIVER AREA

EQUITY ENGINEERING LTD.

Drawn J.W.	N.T.S. 104B/10W, IIE	Mining Division LIARD	FIGURE 2
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deposits to the Stewart-Cassiar Highway.

Heavy equipment for Skyline's and Cominco's programs was brought in across the southern portion of the Waratah property from the highway at Bob Quinn. This cat trail could be upgraded to provide a link to the Bronson strip.

The terrain within the Waratah project area is quite varied. Northern portions of the claims straddle the flats and gravel bars of the Iskut River, whereas the southern part is dominated by talus fans stretching down from the top of Snippaker Mountain. The central portion of the property is comparatively rolling although some areas are inaccessible due to a number of precipitous bluffs and steeply incised drainages.

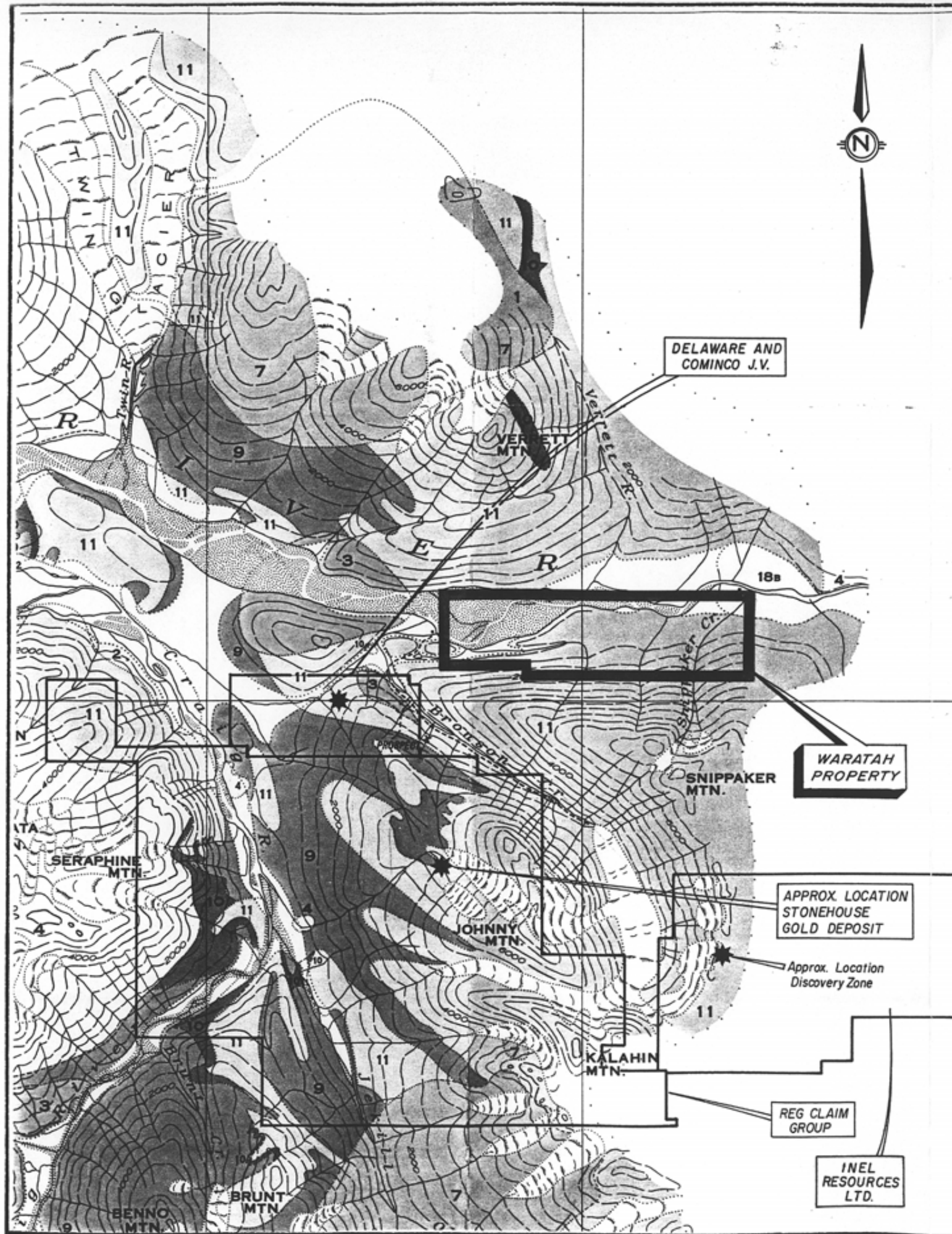
Lower slopes are covered by large stands of hemlock and spruce with an undergrowth of devil's club and huckleberry. Steeper open slopes are covered by dense slide alder growth.

Both summer and winter temperatures are moderate although annual rainfall may exceed 200 centimeters and several meters of snow commonly fall at higher elevations.

4.0 PREVIOUS WORK

4.1 Regional Mining History

The first recorded work in the Iskut River area (Figure 3) was done in 1907 by a prospecting party from Wrangell, Alaska who staked nine claims north of Johnny Mountain. Iskut Mining Company subsequently worked crown-granted claims along Bronson Creek and on the north slope of Johnny Mountain. By 1920, a nine-meter adit had revealed a number of galena-bearing veins and stringers.

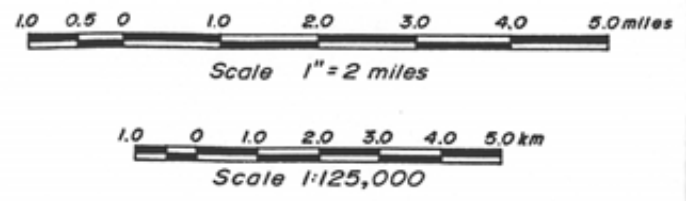


LEGEND

Sedimentary and Volcanic Rocks	
CENOZOIC	MODERN RECENT AND PLEISTOCENE Clay, silt, sand, gravel, boulders
	18 18a, HOODOO VOLCANICS: trachyte, ash, pisolitic mud, tuff, breccia, agglomerate, and consolidated drift and alluvium. 18a, olivine basalt
MESOZOIC	TRIASSIC 11 Andesite, keratophyre, basalt, tuff, breccia, agglomerate, conglomerate and greywacke; minor amounts of argillite, quartzite, shale and limestone; many small stocks, necks, sills and dykes of rock types mainly allied to the effusives
	PERMIAN Mainly white limestone; minor amounts of chert, quartzite, argillite, slate and schist
PALÆOZOIC	PRE-PERMIAN 9 Quartzite, schist, slate, argillite, limestone; schistose tuff; highly altered extrusives, and/or, intrusives; 9a, highly crystalline schist, gneiss

Intrusive Rocks	
MESOZOIC	TRIASSIC TO CRETACEOUS 7 Biotite-andesine granodiorite and some quartz monzonite
	8 Quartz diorite and some granodiorite
	5 Oligoclase granodiorite; rare quartz diorite and diorite
	4 Hornblende-andesine granodiorite; rare quartz diorite, diorite and quartz monzonite
	3 Orthoclase porphyry; pulaskite, nordmarkite, nepheline syenite, syenite, and, locally, pyroxenite
	2 Diorite
PALÆOZOIC	1 Not subdivided: quartz monzonite, granodiorite, quartz diorite, diorite

After F.A.Kerr, 1929



TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

REGIONAL GEOLOGY

ISKUT RIVER AREA

EQUITY ENGINEERING LTD.

Drawn J.W.	N.T.S. 104B/10W, IIE	Mining Division LIARD	FIGURE 3
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In 1954, Hudsons Bay Mining and Smelting located the Pick Axe showing and the high grade gold-silver-lead-zinc float on the open upper slopes of Johnny Mountain which ultimately led to Skyline Exploration's Stonehouse Gold deposit. The claims were worked and subsequently allowed to lapse.

During the 1960's, several major mining companies conducted helicopter-supported reconnaissance exploration programs in their search for porphyry copper-molybdenum deposits. Several claims were staked on Johnny Mountain, including some by Cominco over a gold-bearing quartz vein which was developed much later into the SNIP gold deposit.

In 1969, Skyline Explorations Ltd. staked the Inel property after discovering massive sulphide float originating from the head of the Bronson Creek glacier. They restaked the Reg property on Johnny Mountain in 1980. In the following years, Skyline carried out extensive trenching, drilling and underground development on mesothermal polymetallic veins on both the Reg and Inel properties, defining zones of high grade gold-silver mineralization. Reserves for the Stonehouse Gold deposit on the Reg claims were estimated at 987,000 tonnes grading 24.1 grams gold per tonne in January 1988. Mining and milling are currently underway at a rate of 180 tonnes per day. Underground exploration continues on the Inel property.

Cominco and Delaware Resources Ltd. have drilled approximately 15,000 meters on the Twin Zone of their Snip property, located about five kilometers northwest of Skyline's Stonehouse Gold deposit. As of June 1988, published reserves on the Twin Zone total 1.1 million tonnes grading 24.0 grams gold per tonne (Delaware, 1988). Underground exploration of the Twin Zone is currently underway and a production decision is expected soon.

4.2 Previous Property Work

No work is reported before 1982 on the area covered by the Waratah project. The Waratah 4 - 8 mineral claims were staked in 1982 by Skyline Explorations Ltd. after they received exceptional results from diamond drilling on their Stonehouse gold deposit, located approximately five kilometers to the south. Since then, extensive geological, geochemical and geophysical work has been performed on the Waratah property, as summarized below:

<u>Year</u>	<u>Company</u>	<u>Work Conducted</u>
1982	Skyline Explorations Ltd.	- property staking
1983	Skyline/Placer Development	- airborne geophysical survey (DIGHEM III) Ref: Dvorak (1983)
1984	Skyline/Gulf International Minerals	- linecutting, soil geochemistry, prospecting, trenching
1985	Skyline/Gulf International Minerals	- linecutting, trenching, ground geophysical survey (PULSE-EM) Ref: Candy and White (1985)
1987	Tungco Resources Corporation	- orthophoto production, linecutting, soil geochemistry, prospecting, geological mapping, ground geophysical surveys (magnetometer and VLF-EM), trenching, diamond drilling Ref: Caulfield (1987)

Up to the end of the 1987 exploration program, eighteen separate quartz-chlorite-sulphide vein structures grading in excess of 0.1 ounce per ton gold had been located on the Waratah property. These veins were generally narrow and discontinuous, but commonly returned assays above one ounce per ton gold. Diamond drilling successfully defined the Bluff and No. 7 vein

structures at depth with intersections up to 22.3 grams gold per tonne over 1.1 meters (Caulfield, 1987).

4.3 1988 Work Program

The 1988 exploration program on the Waratah property was designed to extend the geological, geochemical and geophysical program begun in 1987, further investigate mineralization and anomalies discovered during that program, and develop new drill targets. This was accomplished, as summarized below:

1. Linecutting: 3.625 kilometers. Linecutting was completed on Lines 2+00S, 6+00S, 8+00S, 10+00S, 12+00S and 20+00S.
2. Soil Geochemical Sampling: 761 soil samples analysed for gold, copper, lead, zinc, silver and arsenic.
3. Prospecting: Prospecting was directed at discovering sources for the 1987 soil geochemical anomalies. A total of 129 rock samples were assayed for gold, silver, copper, lead and zinc.
4. Geological Mapping: Detailed mapping was carried out over the geochemical grid with emphasis on the western part of the property where promising mineralization was found.
5. Ground Geophysics: Magnetometer and VLF-EM surveys were completed on selected areas of the Main, Ridge and West grids at 12.5 meter intervals (16.3 kilometres).
6. Trenching: Seventeen trenches were blasted, mapped and sampled. A total of 109 rock samples were assayed for gold, silver, copper, lead and zinc.

During 1988, two diamond drill programs were completed on the Waratah property. These programs are described in a separate report.

5.0 REGIONAL GEOLOGY

Government mapping of the general geology in the Iskut River area (Kerr, 1948; GSC Maps 9-1957 and 1418-1979) has proven to be incomplete and unreliable (Figure 3).

The oldest rock assemblage in the Iskut River district consists of Paleozoic crinoidal limestone (Unit 10) overlying metamorphosed sedimentary and volcanic members (Unit 9).

Unconformably overlying the Paleozoic limestone unit are Upper Triassic Hazelton Group island arc volcanics and sediments, referred to informally as the "Snippaker Volcanics" (Unit 11). Grove (1981) correlates this assemblage to the Unuk River Formation of the Stewart Complex whereas other writers match this group with the time-equivalent Stuhini Volcanics. Monotis fossils have been recognized on the north slope of Snippaker Peak and west of Newmont Lake giving an age of Late Triassic. This volcano-sedimentary package hosts the Reg, Snip and Inei deposits.

Grove reports an unconformity between Carboniferous and Middle Jurassic strata on both sides of Snippaker Ridge, north of Snippaker Peak. The same unconformable relationship between these major rock units appears to extend from Forrest Kerr Creek west along the Iskut River to its junction with the Stikine River. Present interpretation suggests an east-west trending thrust along the axis of the Iskut River which, like the King Salmon Thrust Fault, pushed up and over to the south.

Following the Iskut River thrust faulting, the entire region was overlain by Middle Jurassic Hazelton Group volcano-sedimentary rocks correlated by Grove (1986) to the Betty Creek Formation (Unit 11). Subvolcanic orthoclase porphyry stocks

(Unit 3), dated as Jurassic by Nagy (1987), occur near all significant gold occurrences and may be genetically related to mineralization.

The batholithic Coast Plutonic Complex intrusions (Units 4 through 7) in the Iskut region are of Triassic to Cretaceous age. Composition varies from quartz monzonite to granodiorite.

Quaternary and Tertiary bimodal terrestrial volcanics (Unit 18) occur to the east along the Iskut River near Forrest Kerr Creek and to the west at Hoodoo Mountain.

6.0 PROPERTY GEOLOGY

6.1 Lithology

Geological mapping was conducted throughout most of the grid area at a scale of 1:5000 (Figures 4 and 5). The claim group is underlain principally by volcanic and sedimentary units of the Upper Triassic Unuk River Formation. Intruding these units are subvolcanic alkalic intrusives thought to be Jurassic in age and monzonitic bodies which may belong to the Cretaceous Coast Plutonic Complex.

The central portion of the claim group is underlain by an undifferentiated mafic volcanoclastic unit designated an agglomerate (Map unit A). It is dark-green in color and contains subrounded to subangular clasts up to one meter across. The clasts originated from vesicular to amygdaloidal andesitic flows or plagioclase-augite porphyries. The agglomerate is strongly chloritized in places, masking the presence of the clasts. The brittle porphyry fragments fracture more readily than the matrix, aiding in the identification of the agglomerate in outcrop. The matrix of the agglomerate is andesitic in composition with

plagioclase and pyroxene crystals set in an aphanitic groundmass. Disseminated magnetite (1%-3%) is ubiquitous and disseminated or blebby pyrite mineralization is common. The agglomerate locally grades into a finer grained wacke variety (Map Unit Aw) or contains tuffaceous interbeds (Map Unit Ar). It has been altered by pervasive carbonate, chlorite and lesser epidote during weak regional metamorphism.

The mafic wacke (Map Unit Aw) is a more highly sorted and finer grained variety of the agglomerate, displaying a more obvious clastic nature with angular to sub-angular crystals and fragments generally less than one to two millimeters in diameter. It is dark-green in color and may also be chloritically altered. The agglomerate displays a gradational transition into the wacke unit towards the western part of the Waratah property.

Map Unit Ar represents the same agglomerate as described above but in which tuffaceous interbeds or lenses have been recognized. These tuffaceous layers are generally light-green in color, very fine grained and may display obvious bedding textures. In some cases, the tuff is highly siliceous.

Interbedded with the agglomerate is a medium-grained, feldspar-phyric, dark-green rock containing abundant plagioclase and potassium feldspar laths in a very fine-grained matrix (Map Unit Af). The composition appears syenitic with patchy areas of the groundmass indicated to be potassium feldspar by staining. The feldspars show no preferred orientation and amygdules are also present. This may represent the extrusive equivalent of the syenite intrusive unit.

To the west, the agglomerate gives way to an interbedded volcanic conglomerate/mafic wacke package (Map Unit VC). The conglomerate is polymictic with poorly sorted siltstone/greywacke fragments and volcanic porphyry clasts supported in a matrix of mafic grit size material. Clasts may exceed two millimeters in

size and are subrounded to rounded. The conglomerate has been altered to chlorite and epidote. This unit is interbedded with, and grades into, the mafic wacke, Unit Aw. Contact relationships between the conglomerate and the agglomerate have not been observed.

Clastic sedimentary rocks occupy a smaller portion of the claim area, lying mainly on the western side of the property. Two rock types have been recognized and mapped, of which the most common is an interbedded siltstone and greywacke of intermediate composition (Map Unit SG). The clastic siltstone/greywacke unit is distinguished from its more mafic equivalent (Aw) by a lighter grey-brown color. The greywacke and siltstone are generally interbedded, with graded bedding and load structures being found quite often. The sand-sized crystals and fragments in the greywacke are sub-angular to angular. Disseminated pyrite-pyrrhotite mineralization is common in association with carbonate alteration. Outcrops of this rock type are exposed along the westernmost ridge on the property in the area of the Boot Hill showings.

The second sedimentary unit is a black, very fine-grained to aphanitic, highly indurated pelitic rock or argillite (Map Unit ARG). It generally forms fine interbeds (1-5 millimeters) with slightly coarser, more silty layers. Soft sediment deformational features such as load and flame structures can be observed. Carbonate dissolution cavities are also apparent.

The regional orientation of the Upper Triassic volcano-sedimentary package is generally east-west and relatively flat lying. A stratigraphic section would show a basal section of finer grained sedimentary rocks coarsening upwards into volcanic conglomerate, mafic wacke and agglomerate units.

Four intrusive elements have been identified on the Waratah

property, underlying a small portion of the claim area. They are more easily identified in drill holes than in rock outcrops due to their recessive weathering natures.

The most prominent intrusive is an orthoclase porphyry (Map Unit OP). The orthoclase porphyry is a medium to light green plagioclase-bearing intrusive which is differentiated from the agglomerate (A) and feldspar porphyry (FP) by the occurrence of one to two centimeter orthoclase phenocrysts. These euhedral potassium feldspars are randomly scattered throughout the orthoclase porphyry, comprising less than five percent of the rock. Plagioclase and pyroxene(?) phenocrysts are also abundant, occurring as one to two millimeter crystals set within an aphanitic groundmass. Chloritic and sericitic alteration is common, making this unit difficult to differentiate from the other mafic rock types. Contact relationships with the agglomerate and greywacke-siltstone (Map Unit SG) have been observed with little evidence of thermal effects. The orthoclase porphyry is found near many of the vein systems and is postulated to be genetically related to the mineralizing process.

Another orthoclase bearing unit is a syenite (Map Unit SY) which has only been found in the bottom of Drill Hole H87-24. The major distinction between this unit and the orthoclase porphyry is the presence of abundant potassium feldspar in a groundmass with anhedral plagioclase. The syenite consists of 15-20% subhedral to euhedral biotite and amphibole crystals (1-2 millimeters) with larger phenocrysts of orthoclase up to 1.5 centimeters across randomly scattered throughout.

A feldspar porphyry (Map Unit FP), mapped west of the Gold Bug area, closely resembles the orthoclase porphyry except for the absence of orthoclase phenocrysts. It appears as a dark to medium-green crowded plagioclase-phyric intrusive(?) unit consisting of randomly-oriented two to five millimeter

plagioclase crystals in an aphanitic groundmass.

The final intrusive type, exposed along the eastern side of the property, is a medium-grained, hypidiomorphic monzonite (Map Unit MZ) containing approximately 5% quartz, 35% subhedral plagioclase crystals (1-3 millimeters), 35% mafics and 25% potassium feldspar. This rock type is classified as monzonite due to the low percentage of quartz and is thought to be an offshoot of a large Cretaceous to Tertiary monzonitic body mapped by government geologists (GSC Map 1418A, 1979) east of the property.

6.2 Structure

A study of the regional structure through the use of B. C. Hydro air photos 137572 through 137574 shows several prominent structures. Three main lineament directions trend ENE, NW and NE. The most prominent features are the NE lineations and structures typical of these have elongated the middle and ends of Bug Lake.

The lineament passing through the center of Bug Lake and continuing just west of the central baseline can be followed southwest through the Handel claims onto the Reg property. This feature, labelled the "Handel Break" on Figure 7, forms the western limit of the veining in the central baseline area. A similar observation was made in the mineralization to the south on the Handel claims. The Lake and Lower Helipad showings, which are in close proximity to the Handel Break, exhibit mineralization that is extremely disjointed and oriented along a number of joint planes and intersections, unlike the mineralization further east that is controlled by single structures. The disruption in mineralization indicates that the Handel may be a fault. This conclusion is strengthened by the termination of the ENE and NW lineaments against NE lineaments.

Detailed mapping and stereonet plotting of vein, joint and fault attitudes show that some of the larger structures are reflected on a more minor scale. Mineralization is controlled along fracture planes and the stereonet plotting reveals that certain orientations are more likely to contain quartz veining. The following list summarizes the dominant joint, vein and fault attitudes:

1. Unmineralized Joints: 050°/80° , 135°/15°SW, 050°/60°SE
2. Quartz Veins: 145°/65°NE (Swamp, Bluff Veins)
155°/70°SW (No. 7, River Veins)
170°/45°W (X-Cut Vein)
3. Faults: 095°/65°N (ENE lineaments)
035°/45°SE (Handel Break)

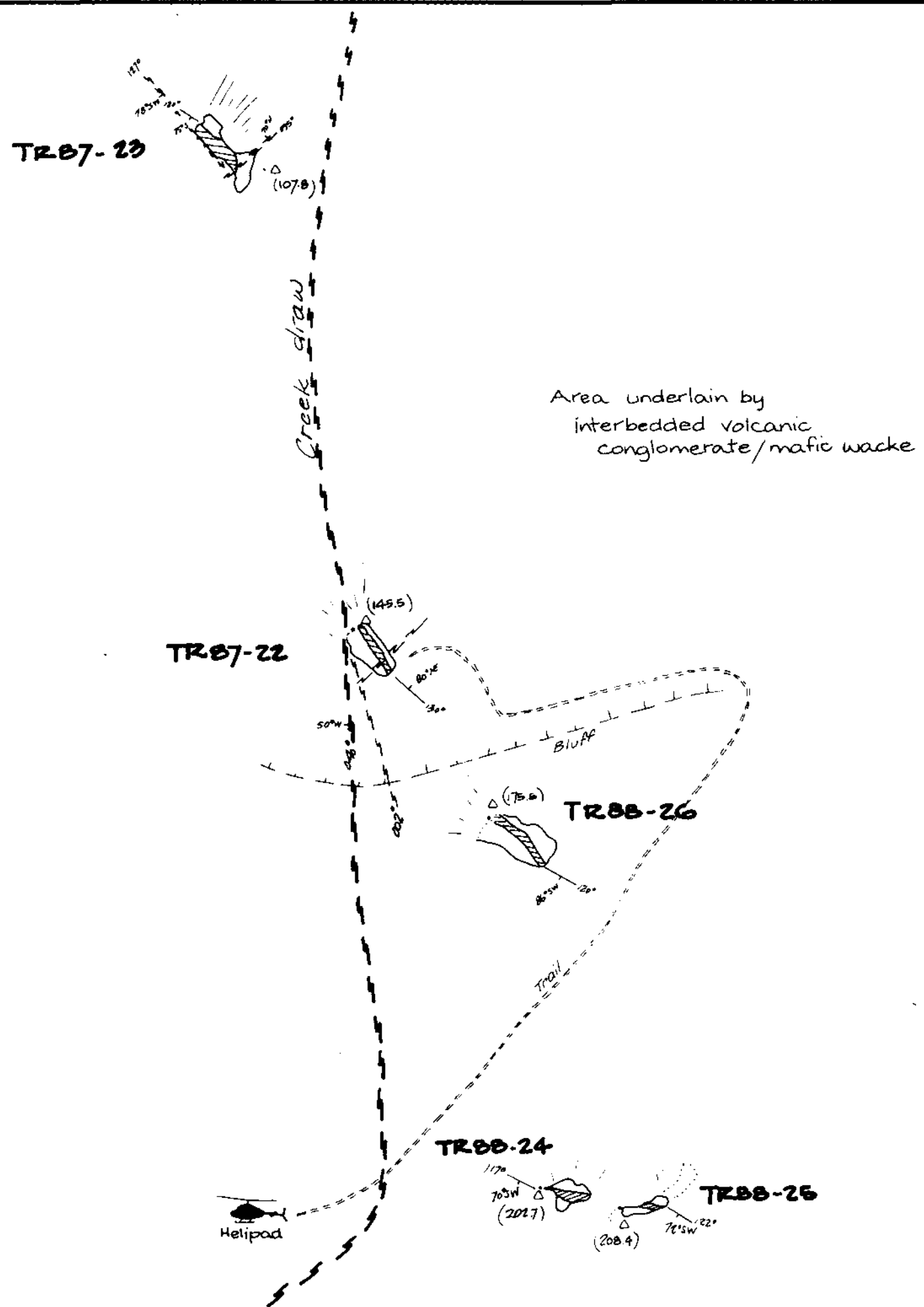
Many ENE topographical lineaments were mapped in the central baseline area and although actual field evidence of faulting could not be documented, faulting was inferred by the inability to trace veins across the ENE trending depressions.

6.3 Mineralization


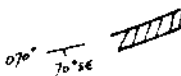
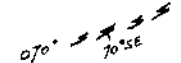
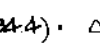
Gold-bearing mineral occurrences on the Waratah property may be classified in two categories: copper-gold and copper-lead-zinc-silver-gold. Both the sedimentary and volcanoclastic rock types host examples of these types of mineralization. To date, one occurrence has been found in intrusive rocks: the Golden Arrow showing located on the eastern side of the property occurs within a monzonite body.

Copper-Gold Quartz Veins

By far the greatest number of mineral showings, including the Bluff, Swamp, No. 7 and Gold Bug veins, are mesothermal quartz-sulphide veins of the copper-gold type. Mineralization consists of pyrite,

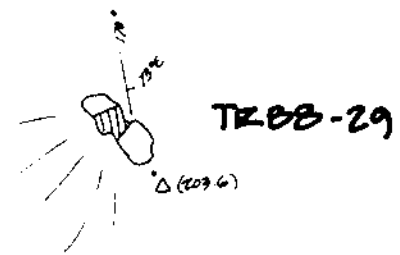


LEGEND

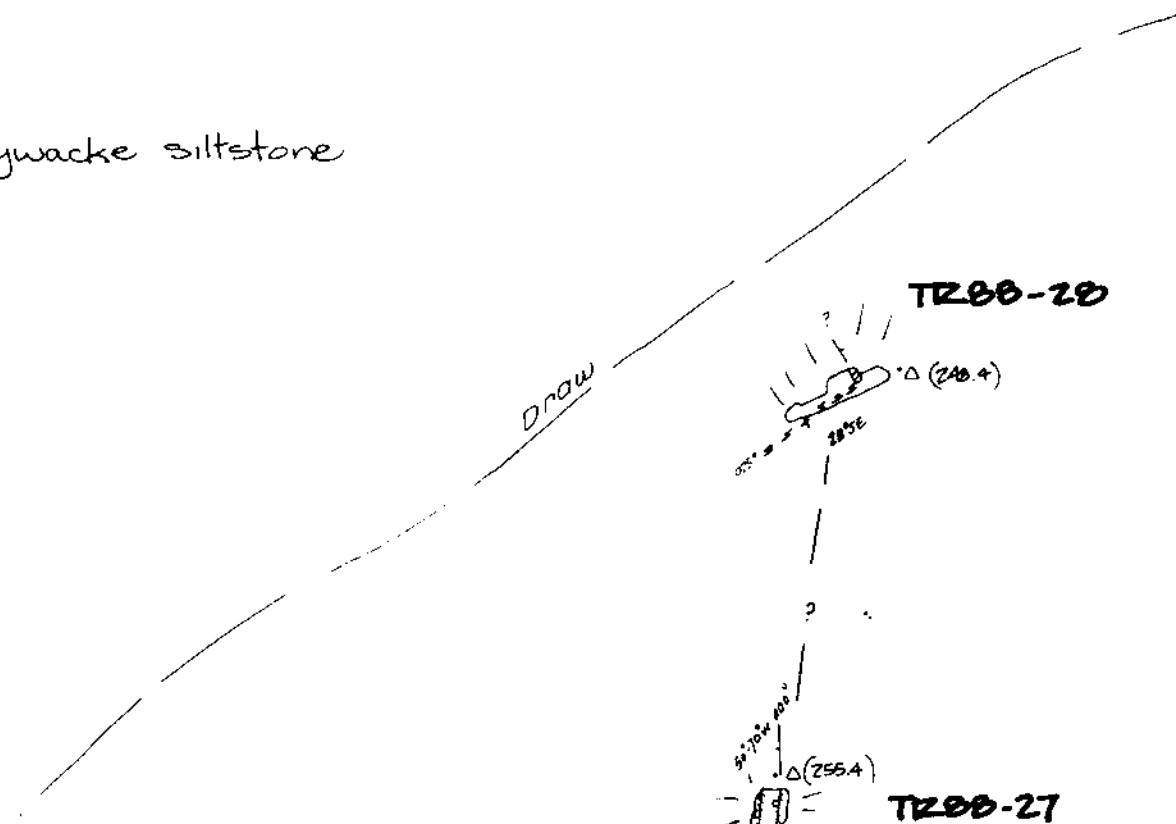
-  Trench outline
-  Vein/mineralization - strike and dip
-  Fault; strike and dip
-  Survey picket (elevation - metres above sea level)



TUNGCO RESOURCES CORPORATION			
WARATAH PROJECT			
GOLD BUG ZONE			
TRENCH LOCATION MAP			
EQUITY ENGINEERING LTD.			
Date: Nov. 1988	N.T.S. 1048/10W, 11E	Mining Division. LIARD	Figure. 6



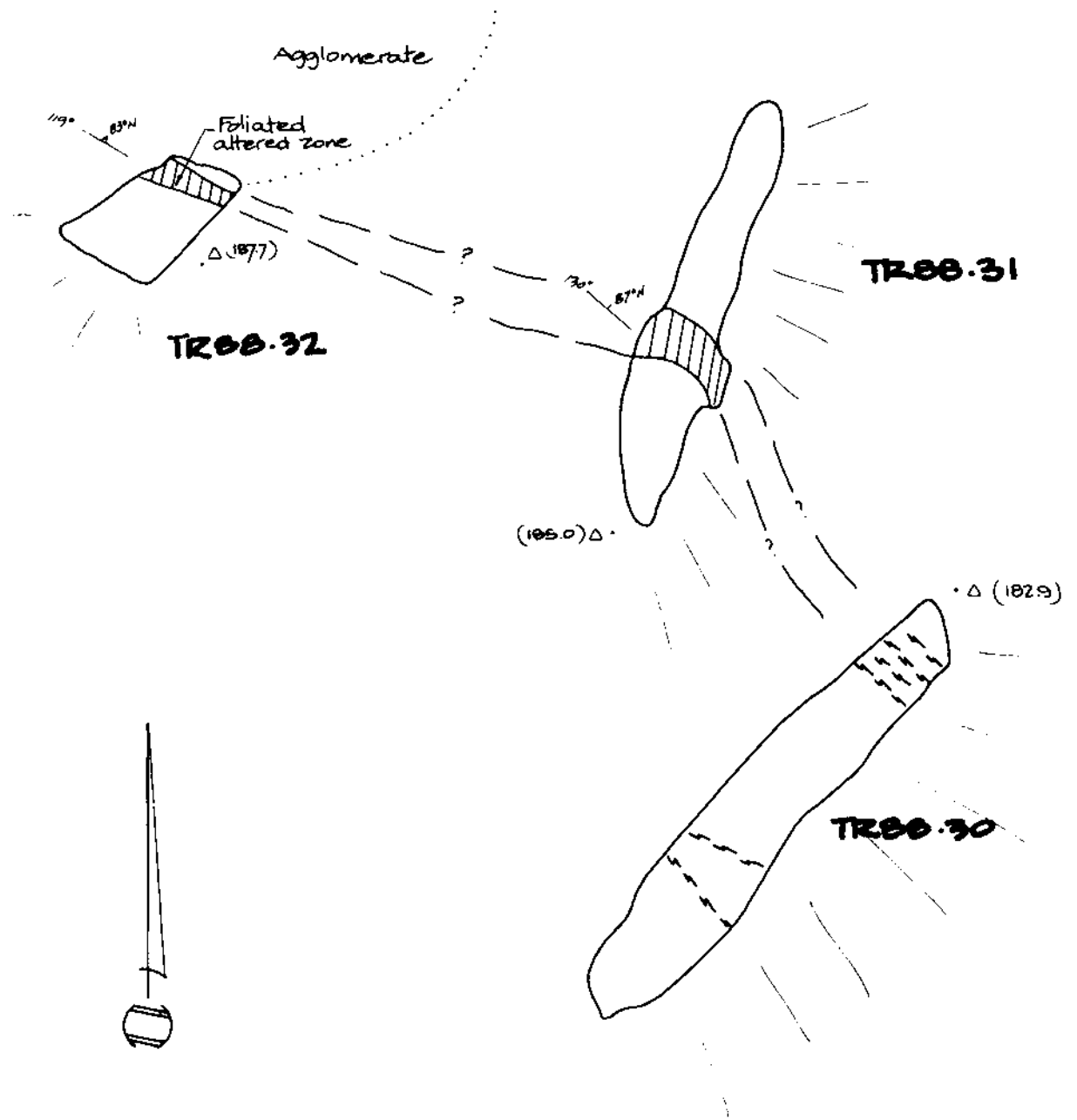
Area underlain by
 interbedded greywacke siltstone




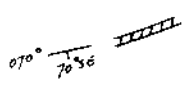
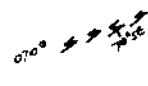
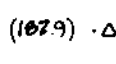
- ### LEGEND
- Trench outline
 - Vein/mineralization - strike and dip
 - Fault; strike and dip
 - Survey picket (elevation - metres above sea level)

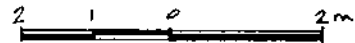


TUNGCO RESOURCES CORPORATION			
WARATAH PROJECT			
BOOT HILL SHOWINGS			
TRENCH LOCATION MAP			
EQUITY ENGINEERING LTD.			
Date. Nov. 1988	N.T.S. 1048/10W, IIE	Mining Division. LIARD	Figure. 7

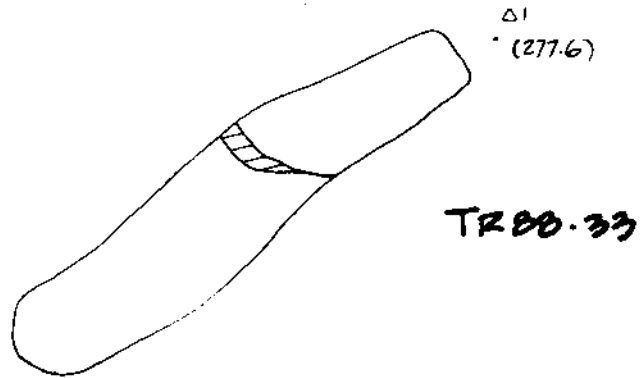


LEGEND

-  Trench outline
-  Vein/mineralization - strike and dip
-  Fault; strike and dip
-  Survey picket (elevation - metres above sea level)



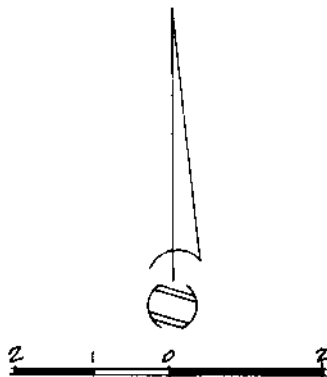
TUNGCO RESOURCES CORPORATION			
WARATAH PROJECT			
BADGER VEIN			
TRENCH LOCATION MAP			
EQUITY ENGINEERING LTD.			
Date. Nov. 1988	N.T.S. 104 B/10W, IIE	Mining Division. LIARO	Figure. 8



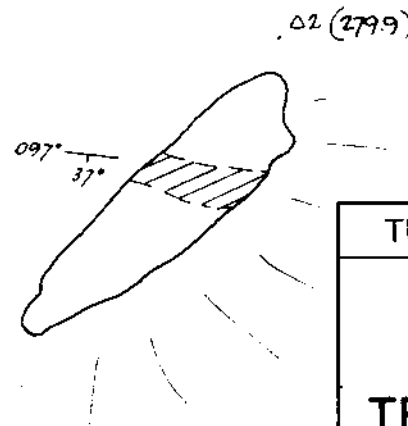
L 14+00S

LEGEND

- Trench outline
- Vein/mineralization - strike and dip
- Fault, strike and dip
- Survey picket (elevation - metres above sea level)

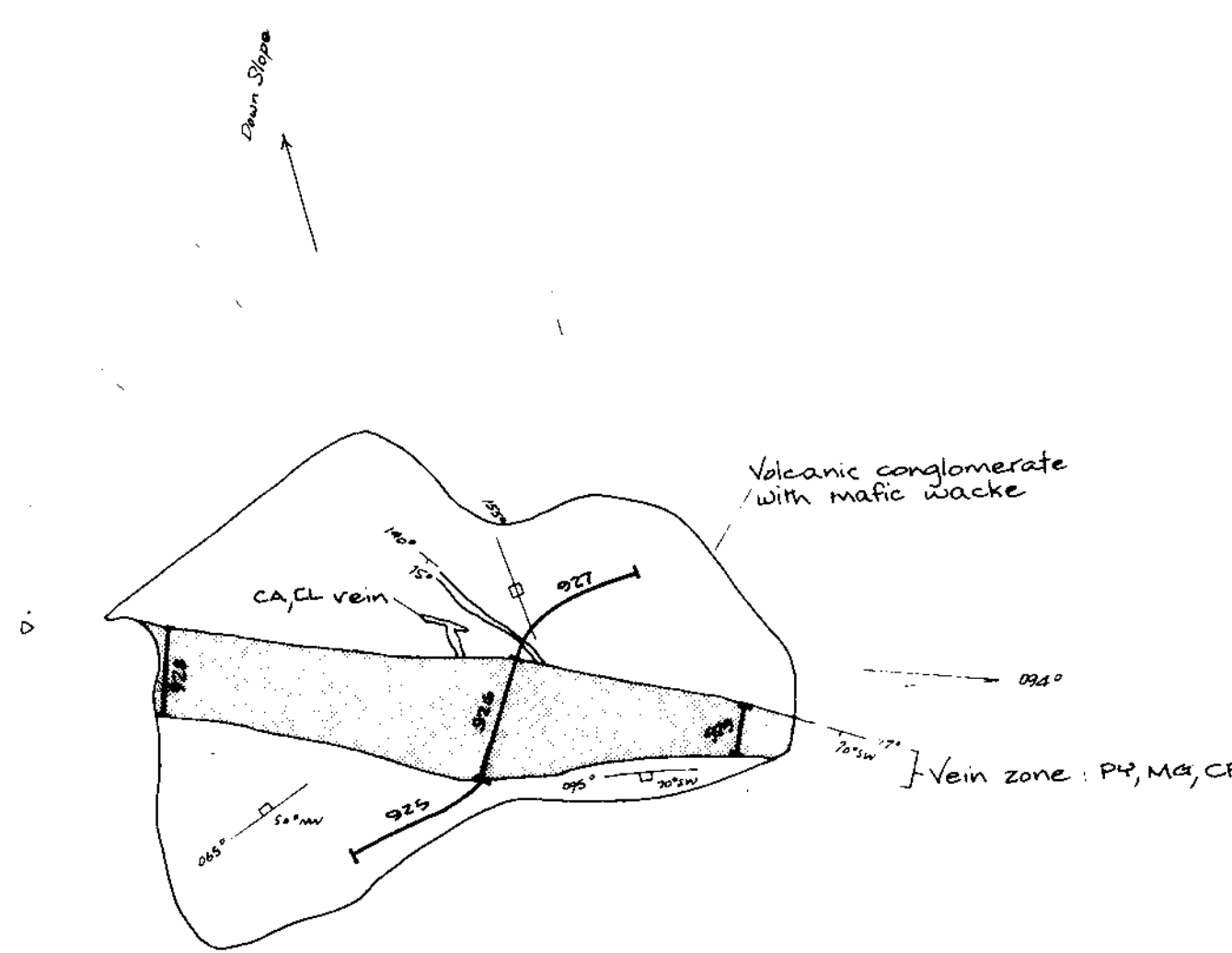


TR00.34



14+75W
(200.0)

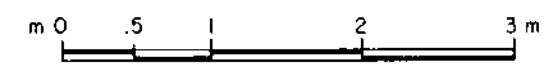
TUNGCO RESOURCES CORPORATION			
WARATAH PROJECT			
NO. 9 SHOWING			
TRENCH LOCATION MAP			
EQUITY ENGINEERING LTD.			
Date.	N.T.S.	Mining Division.	Figure.
Nov. 1988	1048/10W, IIE	LIARD	9



LEGEND

- LIMIT OF OUTCROP
- QUARTZ / CHLORITE VEINING ; STRIKE & DIP
- ALTERED WALLROCK: CHLORITE / PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
- CHIP SAMPLE LOCATION
- GRAB SAMPLE LOCATION
- FAULT; STRIKE & DIP
- JOINT; STRIKE & DIP
- SURVEY PICKET

SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
149925	1.00m/.80m	.01	<.01	.01	.01	.002
926	.80m/.70m	.16	.02	.10	.32	.018
927	1.00m/.70m	.01	4.01	.03	.03	.002
928	.65m/.65m	.03	4.01	.06	.06	.006
929	.40m/.40m	.44	.01	.08	.79	.056

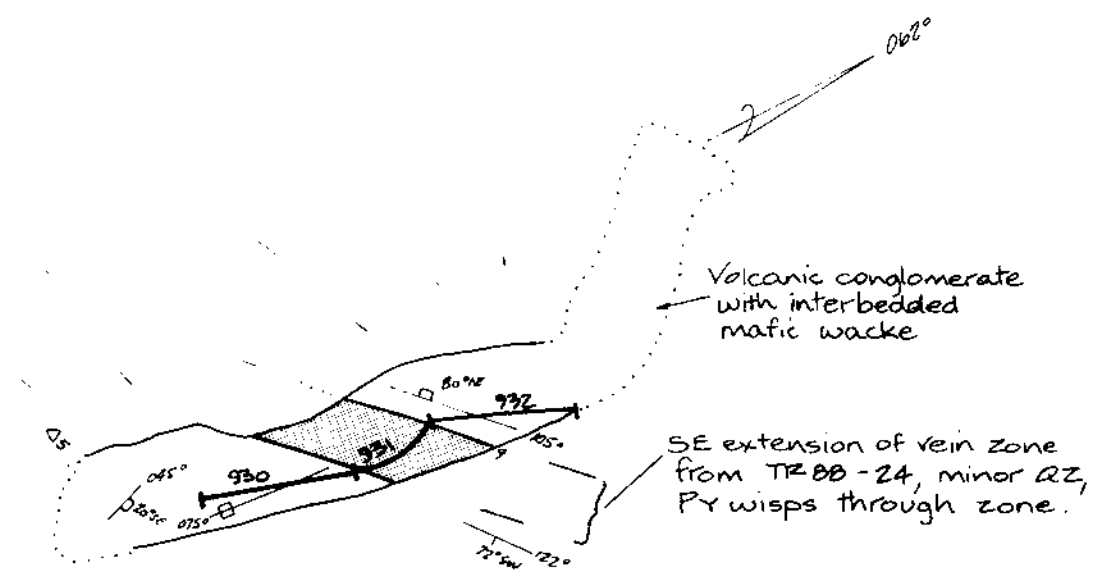


TUNGCO RESOURCES CORPORATION

WARATAH PROJECT
GOLD BUG AREA
TRENCH 24
PLAN VIEW

EQUITY ENGINEERING LTD.

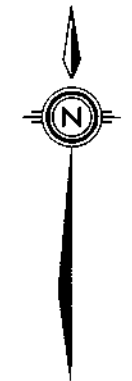
Date. Nov. 1988	N.T.S. 104B/10W, IIE	Mining Division. LIARD	Figure. 10
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LEGEND

- LIMIT OF OUTCROP
- QUARTZ / CHLORITE VEINING ; STRIKE & DIP
- ALTERED WALLROCK: CHLORITE / PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
- CHIP SAMPLE LOCATION
- GRAB SAMPLE LOCATION
- FAULT; STRIKE & DIP
- JOINT; STRIKE & DIP
- SURVEY PICKET

SAMPLE No.	SAMPLE WIDTH / TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
19930	1.00m / .60m	.02	<.01	.02	.06	.002
931	0.60m / .50m	.04	.01	.03	.25	.012
932	1.00m / .60	.02	<.01	.03	.02	.002



TUNGCO RESOURCES CORPORATION






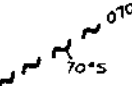
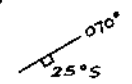

**WARATAH PROJECT
GOLD BUG AREA
TRENCH 25**

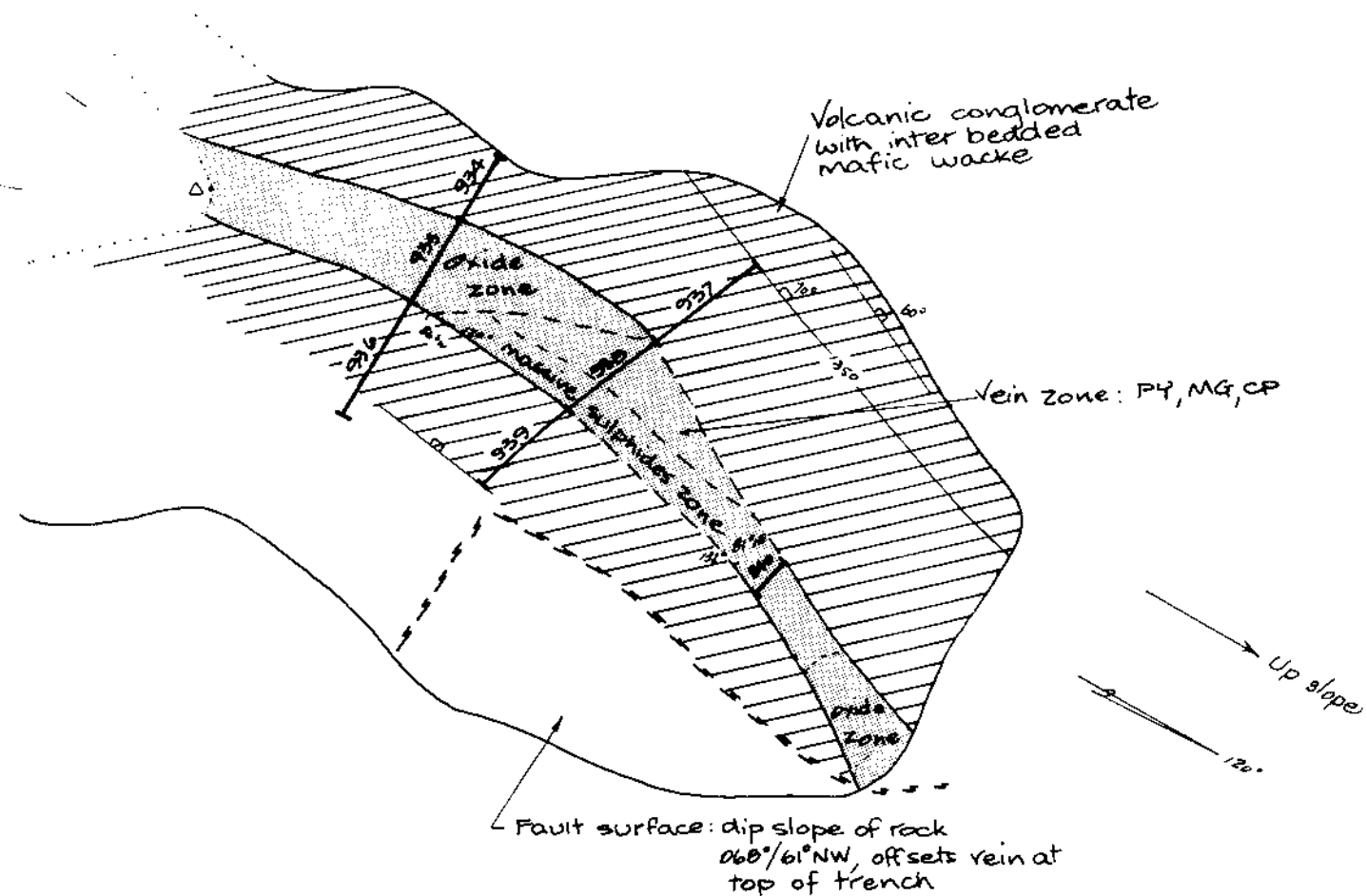
PLAN VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 104B/10W, IIE	Mining Division. LIARD	Figure. 11
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LEGEND

-  LIMIT OF OUTCROP
-  QUARTZ / CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE / PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
149934	.60m/.55m	.01	<.01	.02	.02	.002
935	.65m/.60m	.13	.01	.02	1.57	.750
936	1.00m/.95m	.02	.01	.03	.04	.006
937	.85m/.85m	.01	<.01	.03	.01	.012
938	.75m/.75m	.20	.01	.02	1.45	.866
939	.80m/.75m	.02	<.01	.03	.07	.018
940	.30m/.30m	.48	.02	.05	2.24	.215



TUNGCO RESOURCES CORPORATION






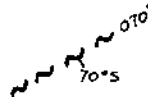
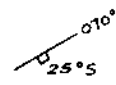

**WARATAH PROJECT
U. GOLD BUG VEIN
TRENCH 26**

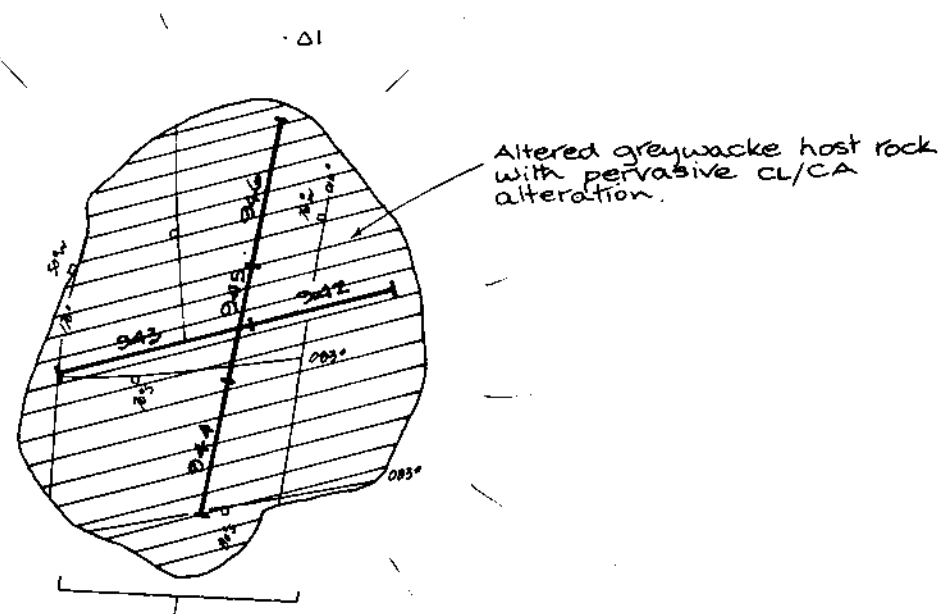
INCLINED (-45°) VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 1048/10W, IIE	Mining Division. LIARD	Figure. 12
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LEGEND

-  LIMIT OF OUTCROP
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



Altered greywacke host rock with pervasive CL/CA alteration.

Fabric of mineralization is N-S/50°-70°W as exhibited by mineralized joints & stringers
 Mineralization consists of wisps and stringers of SP, GA, CP, PY, PR.

SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
149941	Grab	.11	.06	1.74	.25	.106
942	1.10m/?	.03	.06	.96	.19	.420
943	1.36m/?	.02	.13	.37	.17	.002
944	0.95m/?	.03	.04	.85	.09	.000
945	0.70m/?	.02	.02	1.20	.06	.002
946	1.00/?	.05	.05	1.74	.19	.004



1988



TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

BOOT HILL SHOWINGS






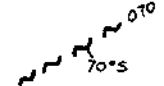
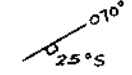

TRENCH 27

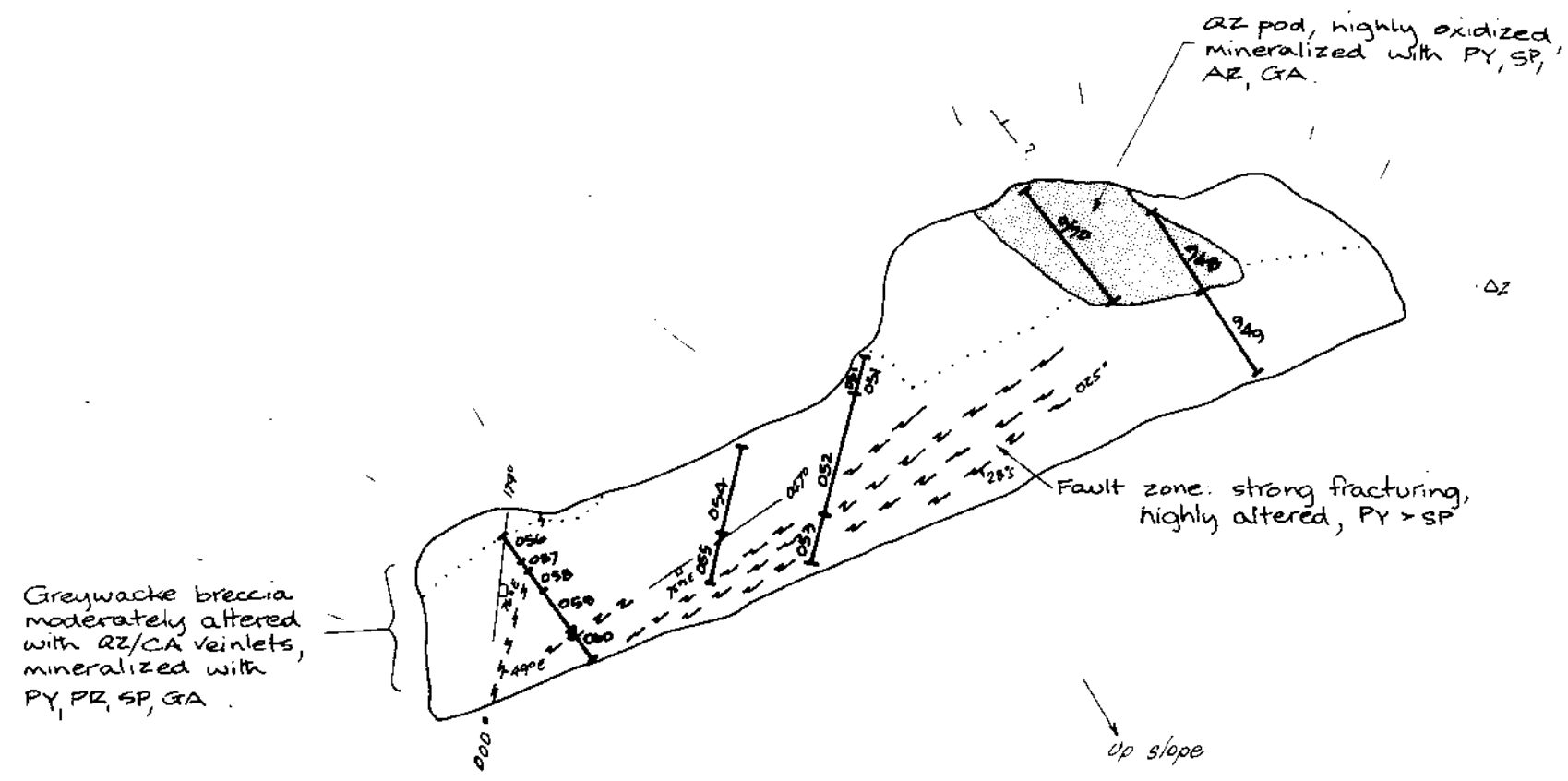
PLAN VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 1048/10W, IIE	Mining Division. LIARD	Figure. 13
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LEGEND

-  LIMIT OF OUTCROP
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
149947	Grab	.02	.25	.50	1.24	.468
948	0.70m/0.70m	.03	.10	.10	1.36	.708
949	0.60m/0.60m	.05	.07	.12	.64	.428
950	0.75m/0.75m	.06	.16	.11	1.78	.512
245 051	0.70m/0.25m	.04	.04	.26	.26	.062
052	0.70m/0.55m	.02	.06	.56	.18	.010
053	0.45m/0.45m	.03	.08	.27	.26	.012
054	0.60m/0.45m	.01	.02	.41	.12	.006
055	0.45m/0.40m	.02	.04	.33	.12	.010
056	0.20m/0.20m	.02	.10	.47	.15	.006
057	0.05m/0.05m	.02	.04	.35	.10	.004
058	0.20m/0.15m	.02	.01	.35	.06	.002
059	0.35m/0.35m	<.01	.01	.15	.05	.002
060	0.35m/0.35m	<.01	.02	.17	.04	.002








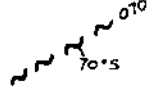
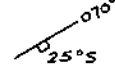

TUNGCO RESOURCES CORPORATION

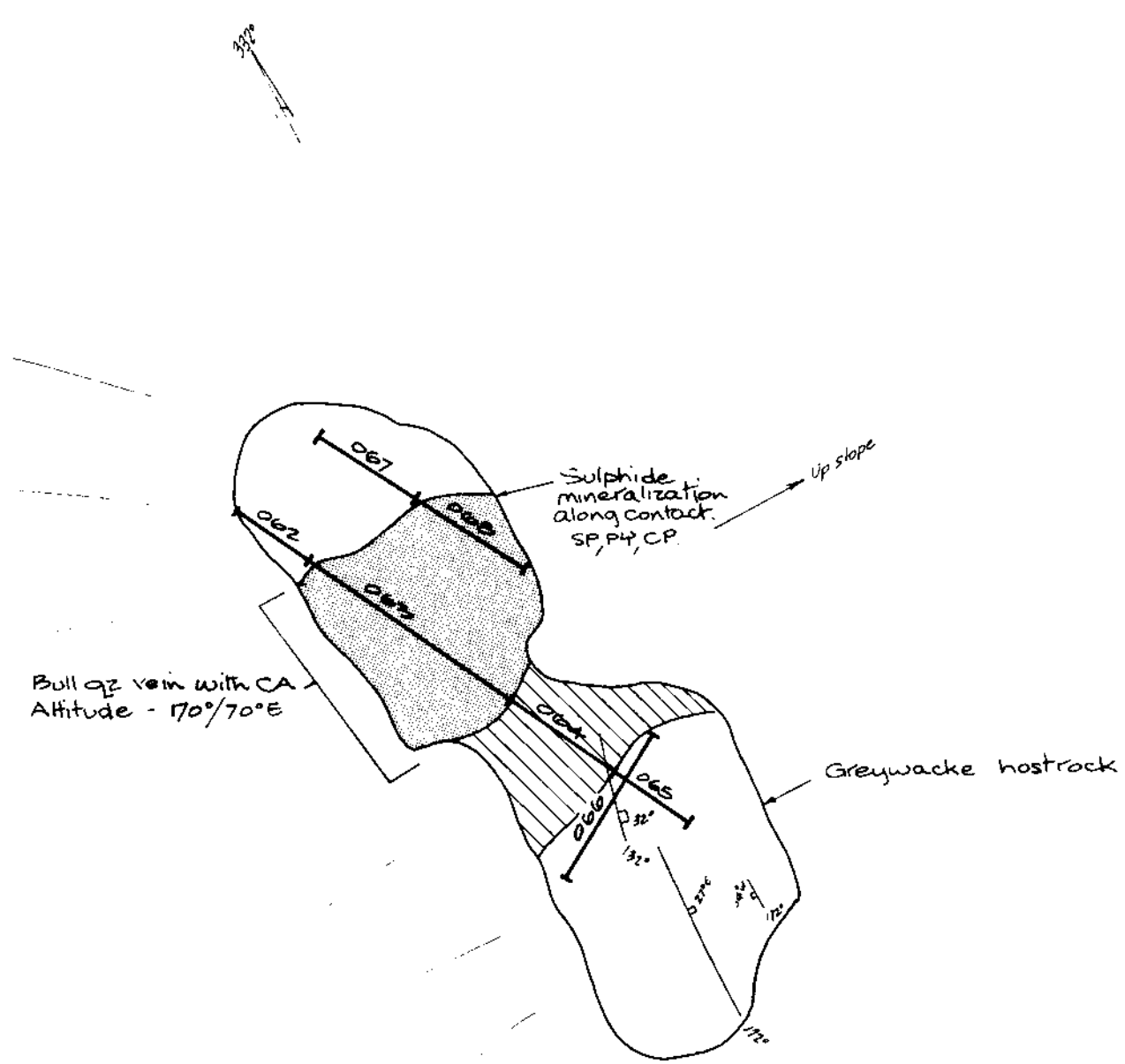
**WARATAH PROJECT
BOOT HILL SHOWINGS
TRENCH 28
VERTICAL VIEW**

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 1048/10W, IIE	Mining Division. LIARD	Figure. 14
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LEGEND

-  LIMIT OF OUTCROP
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET






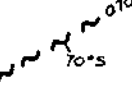




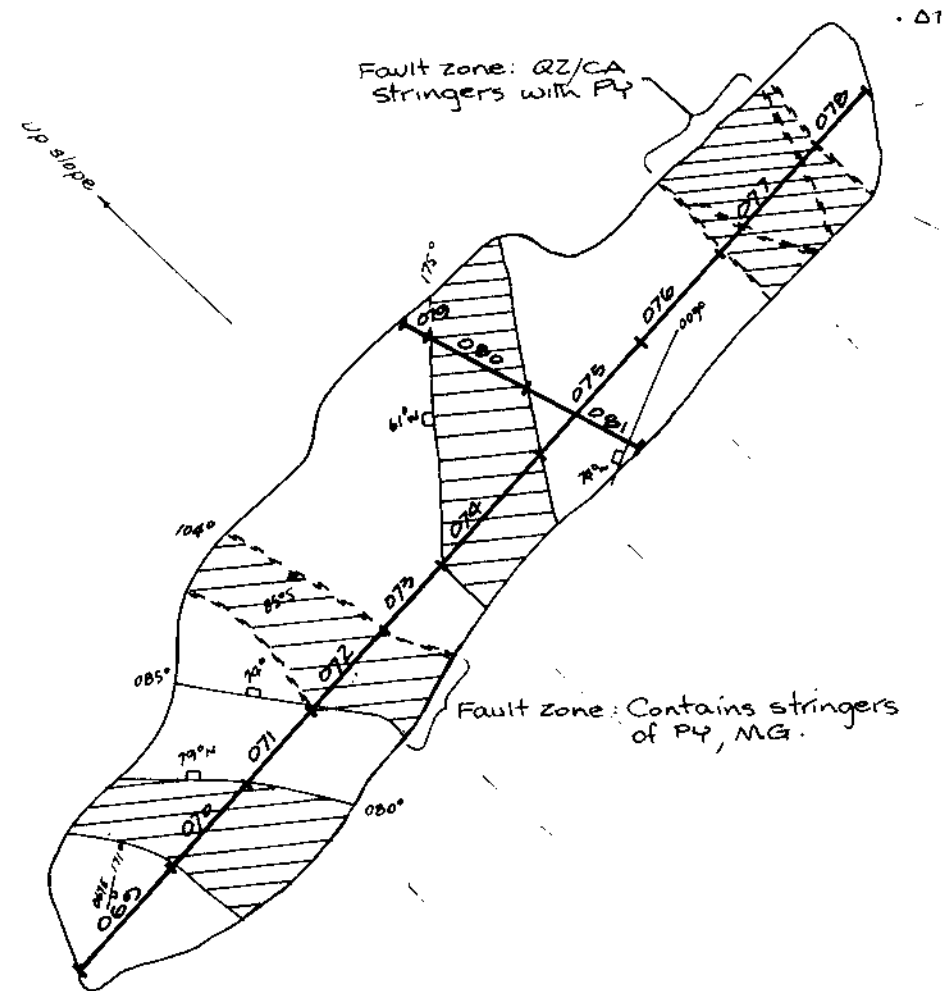
SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
245061	Grab	.01	.06	1.41	.17	.004
062	0.60m/0.55m	.02	.01	.09	.04	2.002
063	2.00m/0.70m	<.01	.15	.43	.74	.006
064	1.10m/1.70m	.01	.02	.06	.07	.008
065	1.00m/0.20m	.01	<.01	.01	.02	.002
066	1.25m/1.10m	.02	<.01	.01	.03	2.002
067	1.10m/0.35m	.02	.03	.27	.07	.002
068	0.70m/0.50m	.01	.10	.89	.60	.024



TUNGCO RESOURCES CORPORATION			
WARATAH PROJECT			
FLARE VEIN			
TRENCH 29			
VERTICAL VIEW			
EQUITY ENGINEERING LTD.			
Date. Nov 1988	N.T.S. 104B/10W, IIE	Mining Division. LIARD	Figure. 15

LEGEND

-  LIMIT OF OUTCROP (AGGLOMERATE HOST ROCK)
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
249069	1.00m/0.70m	2.01	2.01	.01	2.01	2.002
070	1.00m/0.40m	2.01	2.01	.01	2.01	2.002
071	0.45m/0.45m	2.01	2.01	.01	2.01	2.002
072	0.60m/0.55m	.02	2.01	2.01	.01	.024
073	0.65m/0.50m	2.01	2.01	2.01	.01	2.002
074	0.90m/0.50m	.01	2.01	2.01	2.01	.002
075	1.05m/0.95m?	.01	2.01	.01	2.01	2.002
076	1.00m/0.90m?	2.01	2.01	.01	2.01	2.002
077	0.80m/0.75m	.02	2.01	.02	.01	.004
078	0.95m/0.40m	.02	2.01	.01	.01	2.002
079	0.30m/0.25m	.03	2.01	2.01	.02	2.002
080	0.40m/0.35m	.33	2.01	.01	.17	2.002
081	1.10m/0.55m?	.01	2.01	.01	.01	2.002








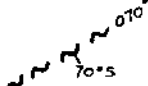
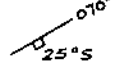

TUNGCO RESOURCES CORPORATION

WARATAH PROJECT
BADGER VEIN
TRENCH 30
VERTICAL VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	NTS 104B/10W, 11E	Mining Division. LIARD	Figure. 16
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LEGEND

-  LIMIT OF OUTCROP (AGGLOMERATE HOST ROCK)
-  QUARTZ / CHLORITE VEINING ; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE / PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET

SAMPLE No.	SAMPLE WIDTH / TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
245002	0.55m/0.55m	.47	2.01	.02	.42	.447
003	1.00m/1.00m	.02	2.01	.03	.01	.020
004	0.75m/0.65m	1.30	.02	.04	.05	.384
005	0.95m/0.95m	.03	2.01	.02	.01	.004

VEIN ZONE: Highly fractured, mineralization consists of CP, PY, MG, Au

Up slope

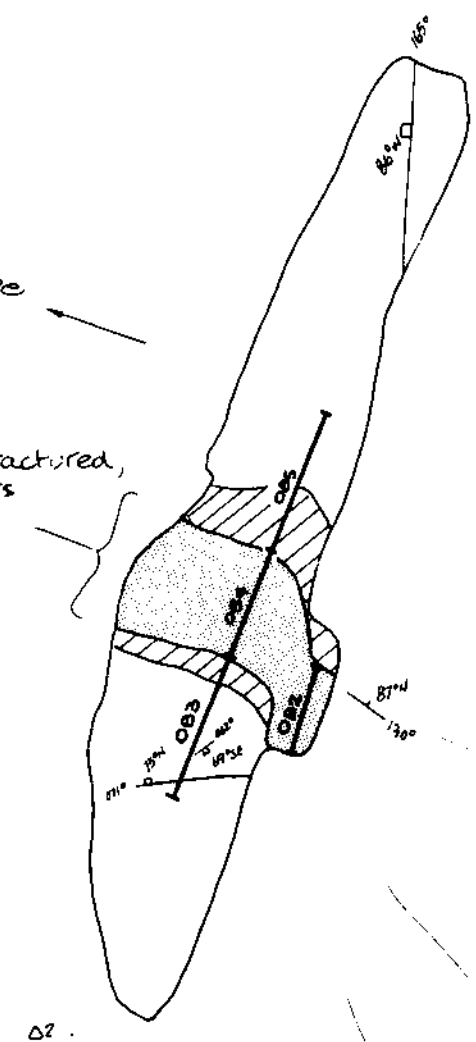


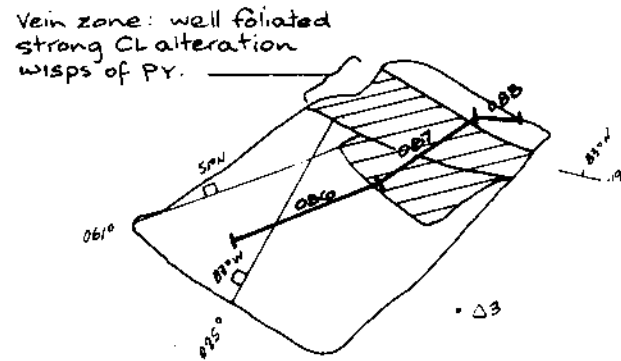
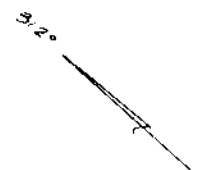
TUNGCO RESOURCES CORPORATION

**WARATAH PROJECT
BADGER VEIN
TRENCH 31
VERTICAL VIEW**






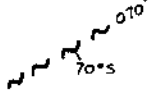
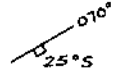

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 1048/10W, 11E	Mining Division. LIARD	Figure. 17
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LEGEND






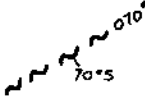


-  LIMIT OF OUTCROP (AGGLOMERATE HOST ROCK)
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET

SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
Z45086	1.00m/0.80m	.01	<.01	.01	<.01	.002
087	0.70m/0.65m	.01	<.01	.01	<.01	.002
088	0.30m/0.10m	<.01	<.01	.02	<.01	<.002

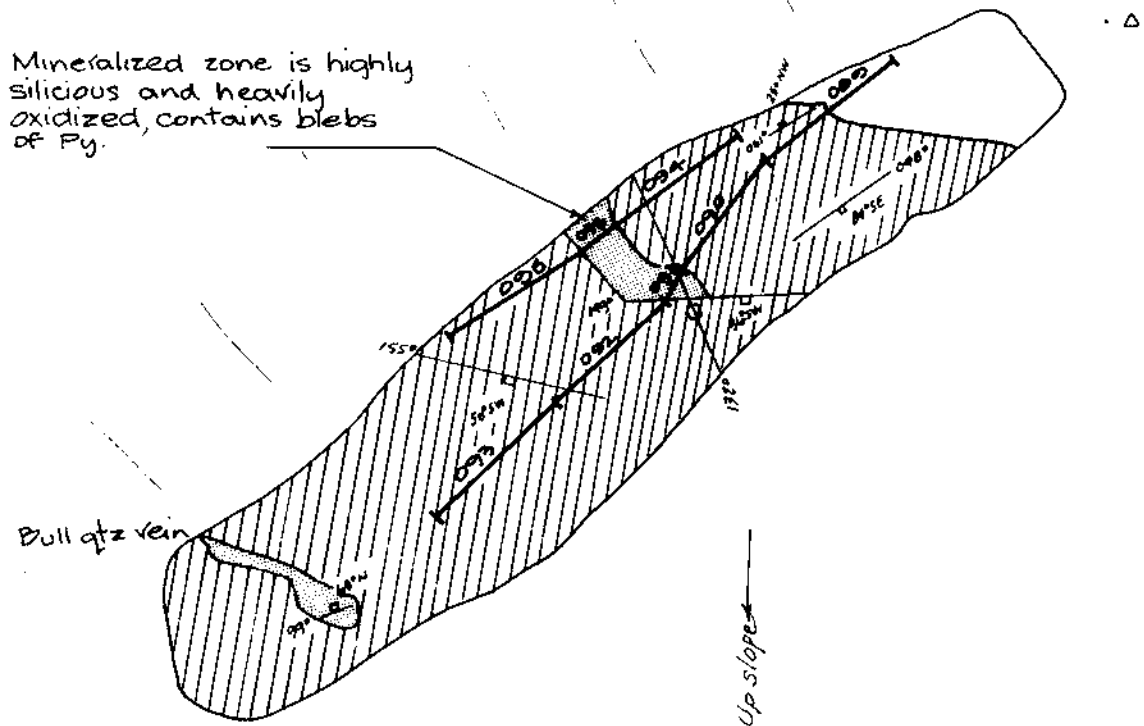


TUNGCO RESOURCES CORPORATION			
WARATAH PROJECT			
BADGER VEIN			
TRENCH 32			
PLAN VIEW			
EQUITY ENGINEERING LTD.			
Date. Nov. 1988	N.T.S. 104B/10W, IIE	Mining Division. LIARD	Figure. 18

LEGEND

-  LIMIT OF OUTCROP (AGGLOMERATE HOST ROCK)
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET

Mineralized zone is highly silicious and heavily oxidized, contains blebs of Py.



SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
245089	1.00m/0.45m?	2.01	2.01	.01	.01	2.002
090	1.05m/0.45m?	.01	2.01	.02	.02	2.002
091	0.20m/0.15m?	.01	.06	.04	.46	.171
092	1.00m/0.90m	2.01	2.01	.01	.02	.006
093	1.00m/0.90m?	2.01	2.01	.01	.01	2.002
094	1.00m/0.55m?	.01	2.01	.02	.02	.012
095	0.40m/0.40m?	.02	.05	.04	.16	.008
096	1.00m/0.80	2.01	2.01	.02	.02	.004








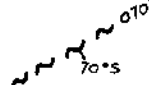


TUNGCO RESOURCES CORPORATION

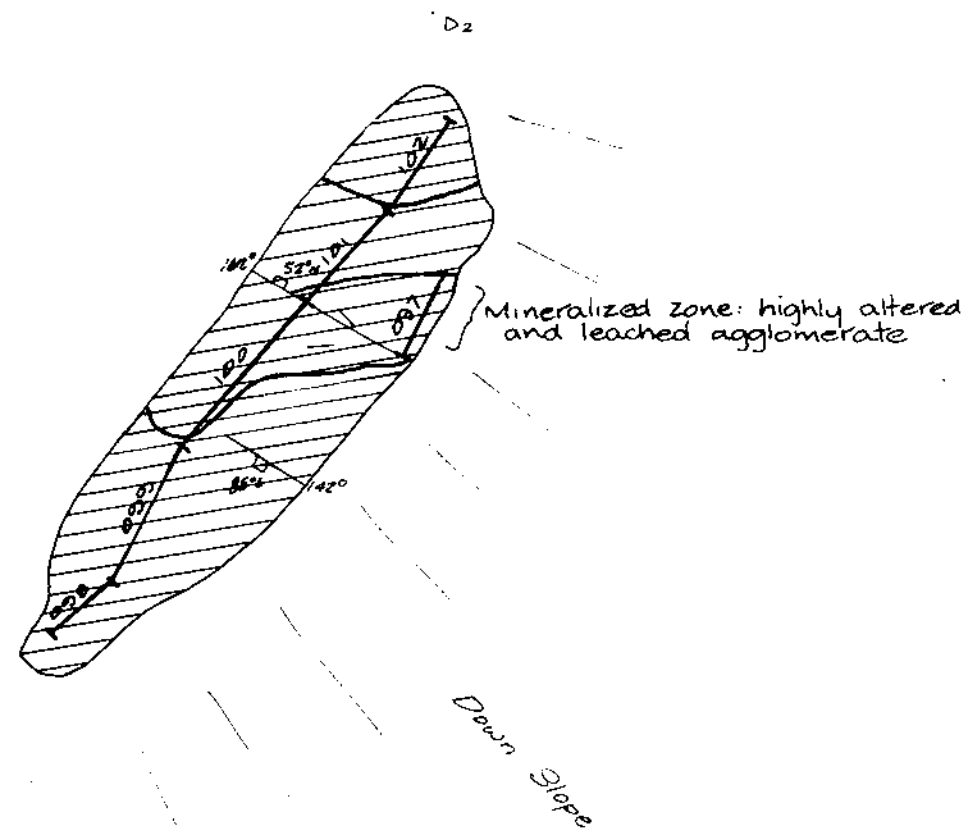
WARATAH PROJECT
NO. 9 SHOWING
TRENCH 33
VERTICAL VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 1048/10W, IIE	Mining Division. LIARD	Figure. 19
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LEGEND

-  LIMIT OF OUTCROP (AGGLOMERATE HOST ROCK)
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
245097	90m/0.75m?	<.01	<.01	.01	<.01	<.002
098	85m/0.70m?	<.01	<.01	.01	<.01	<.002
099	1.00m/0.80m?	<.01	<.01	.01	<.01	<.002
100	1.25m/1.00m?	<.01	<.01	.01	<.01	<.002
101	0.80m/0.75m?	<.01	<.01	.01	<.01	<.002
102	0.80m/0.45m?	<.01	<.01	.01	<.01	.006



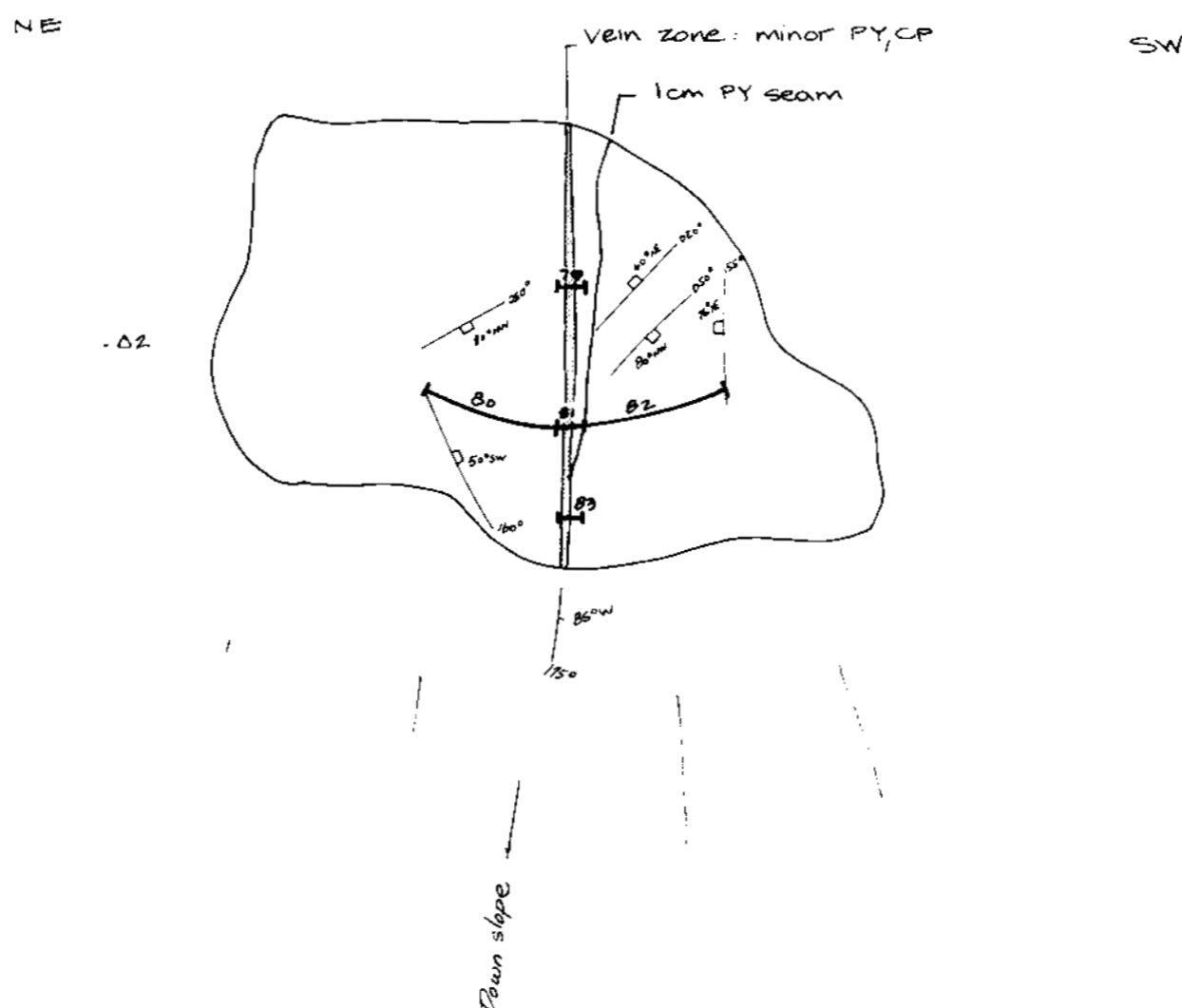
TUNGCO RESOURCES CORPORATION

WARATAH PROJECT
NO.9 SHOWING
TRENCH 34
VERTICAL VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 104B/10W, IIE	Mining Division. LIARD	Figure. 20
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VIEW LOOKING TOWARDS 150°



LEGEND

- LIMIT OF OUTCROP (AGGLOMERATE HOST ROCK)
- QUARTZ/CHLORITE VEINING; STRIKE & DIP
- ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
- CHIP SAMPLE LOCATION
- GRAB SAMPLE LOCATION
- FAULT; STRIKE & DIP
- JOINT; STRIKE & DIP
- SURVEY PICKET

SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
49779	0.20m/0.10m	.02	.01	.02	<.01	.002
780	1.00m/1.00m	.02	.01	.02	<.01	.002
781	0.20m/0.10m	.02	.01	.01	<.01	<.002
782	1.00m/1.00m	.02	<.01	.01	<.01	<.002
783	0.20m/0.08m	.01	<.01	.01	<.01	<.002








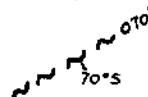
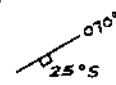

TUNGCO RESOURCES CORPORATION

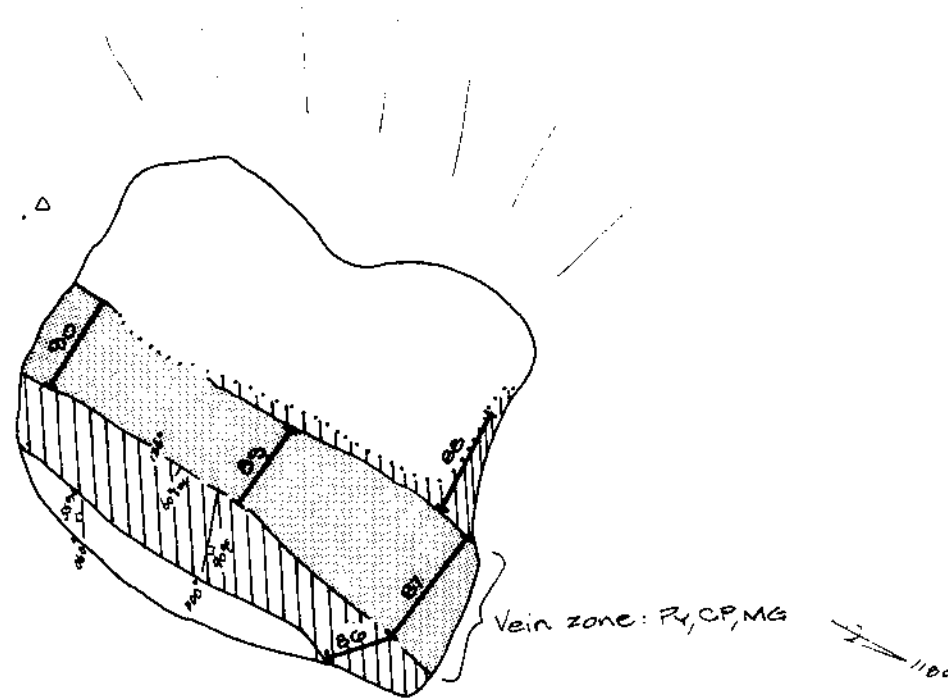
**WARATAH PROJECT
NO. 11 VEIN
TRENCH 35
VERTICAL VIEW**

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 104B/10W, 11E	Mining Division. LIARD	Figure. 21
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LEGEND

-  LIMIT OF OUTCROP (AGGLOMERATE HOST ROCK)
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
149786	0.55m/0.55m	2.01	4.01	0.02	0.03	.002
787	0.80m/0.80m	.09	4.01	.03	.10	.006
788	0.85m/0.85m	.03	4.01	.05	.10	.042
789	0.80m/0.80m	.11	4.01	.10	.28	.016
790	0.85m/0.85m	.09	.01	.04	.17	.012
791	Grab	.57	40.01	.15	1.02	.048

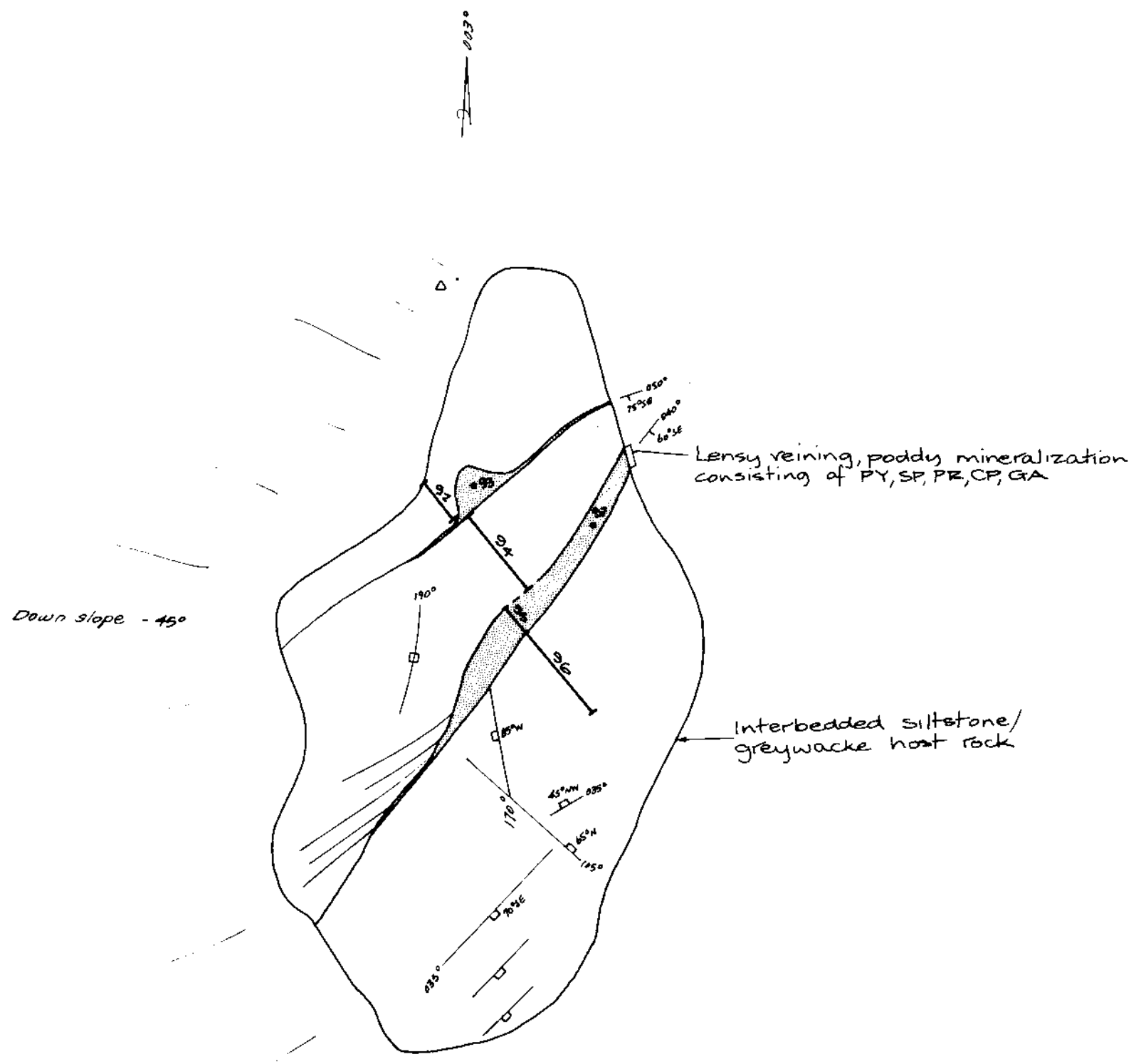


TUNGCO RESOURCES CORPORATION






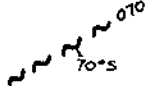
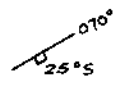

WARATAH PROJECT
EAST GOLD BUG VEIN
TRENCH 36
PLAN VIEW

EQUITY ENGINEERING LTD.

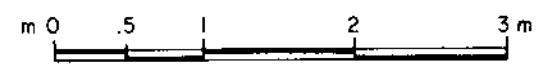
Date. Nov. 1988	N.T.S. 104B/10W, IIE	Mining Division. LIARD	Figure. 22
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LEGEND

-  LIMIT OF OUTCROP
-  QUARTZ / CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE / PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET

SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
149792	0.55m / 0.55m	.01	.01	.18	.04	.002
793	Grab 0.05m / 0.40m	.02	.01	.11	.04	.004
794	0.80m / 0.80m	.02	<.01	.03	.03	<.002
795	0.30m / 0.30m	.02	.08	1.68	.38	.018
796	1.0m / 1.0m	.02	<.01	.03	.03	<.002
797	Select grab	.23	.08	4.60	.42	.072



TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

BOOT HILL SHOWINGS






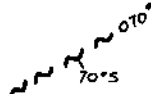
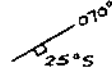

TRENCH 37

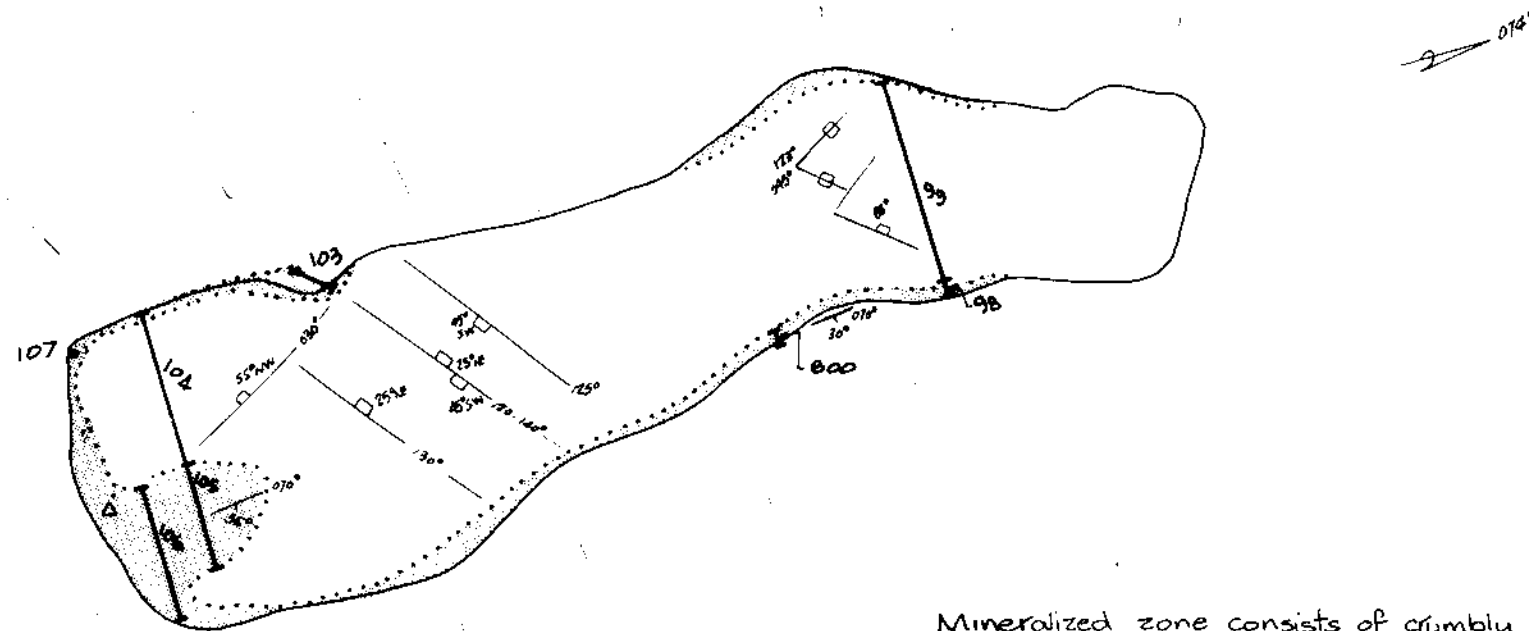
INCLINED (-45°) VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 104B/10W, IIE	Mining Division. LIARD	Figure. 23
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LEGEND

-  LIMIT OF OUTCROP
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



Mineralized zone consists of crumbly, well oxidized and fractured QZ veined material and host greywacke along walls of the trench.

Mineralization consists of PY, GA, SP, CP, AR.

The trend of the zone appears to be 060°/30°SE

SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
149798	0.45m / >0.45m	.02	.03	.85	.07	.002
799	1.30m / ?	.03	.02	.96	.10	.002
800	0.85m / >0.85m	.04	1.54	.52	2.74	.148
245103	0.60m / >0.60m	.03	1.68	1.30	1.90	.028
104	1.0m / ?	.02	.17	.57	.20	.008
105	1.0m / 0.50m	.03	.39	1.30	.36	.034
106	1.1m / 1.1 or greater	.03	.28	.57	.32	.024
107	Crab >.40	.02	.42	.10	.50	.004
108	Select grab from whole trench	.03	4.12	1.86	3.38	.038



TUNGCO RESOURCES CORPORATION






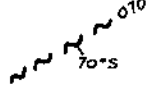
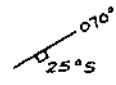

WARATAH PROJECT
BOOT HILL SHOWINGS
TRENCH 38

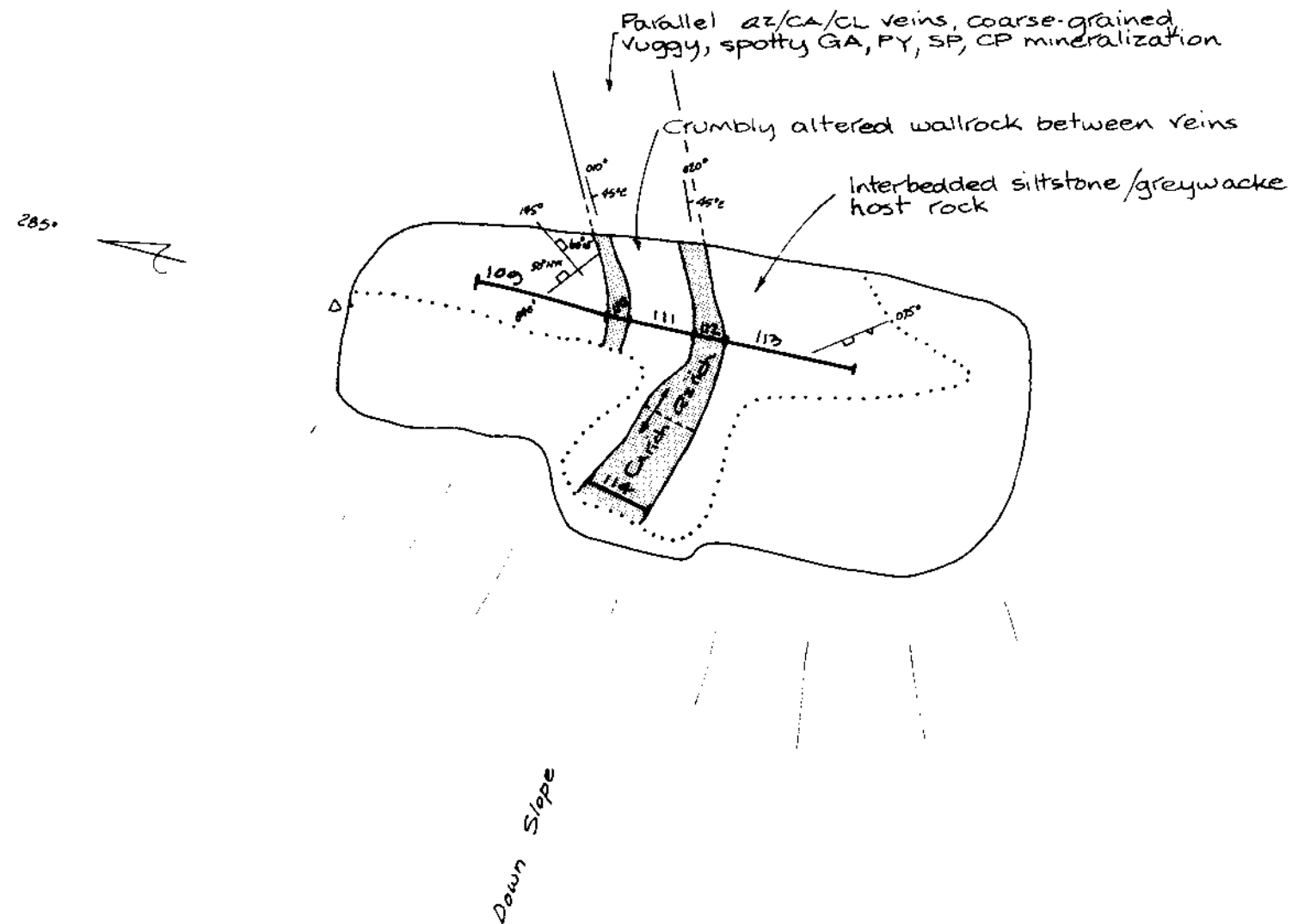
PLAN VIEW

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 1048/10W, IIE	Mining Division. LIARD	Figure. 24
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LEGEND

-  LIMIT OF OUTCROP
-  QUARTZ/CHLORITE VEINING; STRIKE & DIP
-  ALTERED WALLROCK: CHLORITE/PYRITE ALTERATION CARBONATE +/- QUARTZ VEINLETS
-  CHIP SAMPLE LOCATION
-  GRAB SAMPLE LOCATION
-  FAULT; STRIKE & DIP
-  JOINT; STRIKE & DIP
-  SURVEY PICKET



SAMPLE No.	SAMPLE WIDTH/ TRUE WIDTH (m)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t
249109	1.0m / 1.0m	<.01	.05	.03	.04	<.002
110	0.15m / 0.12m	<.01	.02	.02	.01	<.002
111	0.55m / 0.40m	<.01	.02	.06	.03	<.002
112	0.25m / 0.15m	<.01	.06	.15	.01	<.002
113	1.0m / 1.0m	<.01	.01	.02	.01	<.002
114	0.50m / 0.50m	<.01	.24	.01	.50	<.002



TUNGCO RESOURCES CORPORATION

**WARATAH PROJECT
BOOT HILL SHOWINGS
TRENCH 39
PLAN VIEW**

EQUITY ENGINEERING LTD.

Date. Nov. 1988	N.T.S. 1048/10W, 11E	Mining Division. LIARD	Figure. 25
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chalcopyrite, magnetite, arsenopyrite and free gold within quartz-chlorite vein/veinlet structures. Minor amounts of bornite, chalcocite and native copper have also been noted. Higher gold grades occur with increasing sulphide content and with zones rich in chalcopyrite, magnetite and arsenopyrite, and in particular, with the higher copper values. Visible gold has been noted at the Swamp, Golden Arrow and Badger veins. Silver is a minor constituent, occurring in quantities similar to that of gold. Vein widths vary from several centimeters to 1.65 meters, with orientations largely controlled by northwest and more northerly structures. Larger veins are commonly zoned; sulphide-rich mineralization occurs on the vein contacts around a leaner core of quartz veining.

The Golden Arrow showing and a second vein west of the Golden Arrow are veins of the copper-gold type but are hosted within a monzonitic intrusive. The Golden Arrow is also unique in its restricted alteration envelope and its east-northeasterly strike with a moderate southerly dip.

Copper-Lead-Zinc-Silver-Gold Quartz Veins

The second type of mineralization is characterized by the presence of galena and sphalerite with lesser chalcopyrite, arsenopyrite and pyrrhotite. Most of this type of mineralization occurs in siltstone/greywacke (SG) located on the western part of the claim group. The association of lead and zinc is accompanied by lower gold values generally in the range of 0.010 to 0.100 ounces per ton. Higher gold values are found when other minerals such as arsenopyrite and chalcopyrite are present. The mineralization may occur

as single quartz+calcite veins or as crackle and stringer mineralization. Examples of both of these mineralization types are found at the Boot Hill showings.

To the end of 1987, eighteen separate gold-bearing quartz-sulphide structures had been found. Most of these mineral showings were located by prospecting and promising targets were followed up by trenching. Further work during the 1988 field program resulted in the location of an additional nine occurrences which warranted trenching. Individual trench maps (Figures 10 through 25) are included for each trench and trench location maps are provided for mineralized zones tested by more than one trench (Figures 6 through 9). Rock sample description for all prospecting and trench samples are attached in Appendix C. A description of each of the newly discovered mineralized structures follows:

Gold Bug Area

South of the Upper Gold Bug vein, a quartz-chlorite vein was discovered late in 1987 (Figure 6). This structure was trenched in 1988, revealing a 40 to 80 centimeter wide vein with strong pyrite, chalcopyrite and magnetite mineralization over a strike length of ten meters. The vein follows an orientation similar to the Upper Gold Bug vein but could not be a southern extension of that vein without some fault displacement. Assay values received from the trenching (Figures 10 and 11) were lower than the original grab sample (1987 sample 14809, 0.111 ounces per ton gold).

Some two hundred meters east of the Gold Bug vein, an eighty centimeter wide vein was trenched and sampled (Figure 22). Despite the presence of strong sulphide

mineralization, gold values were generally low.

The Upper Gold Bug vein was extended twenty meters to the southeast in Trench 26 (Figure 12). At this location, the vein is from 30 to 75 centimeters wide and consists of massive pyrite, magnetite and chalcopyrite. One chip sample assayed 0.866 ounces per ton gold over a sample width of 75 centimeters.

Boot Hill Showings

By following up on soil geochemistry (D87-soil contour line) west of the Gold Bug area, a number of copper-lead-zinc-silver-gold showings were found in an area collectively known as Boot Hill (Figure 7). Some of these occurrences are of the quartz vein type (eg. Flare vein - Figure 15 and two unnamed veins - Figures 23 and 25). However, in Trench 27 (Figure 13) and Trench 28 (Figure 14), the mineralization occurs within crackle and stringer zones with strong carbonate alteration. The crackle/stringer mineralization is dominated by pyrite and sphalerite with subordinate galena and chalcopyrite. Poddy siliceous zones with strong sulphide mineralization (Trench 28 - Figure 14 and Trench 38 - Figure 24) carry all the above sulphides with the addition of arsenopyrite. Sphalerite appears to be less dominant in this sulphide assemblage. Arsenopyrite was identified in rock samples which returned higher gold grades including trench results with chip sample results up to 0.708 ounces per ton gold over 70 centimeters (Trench 28). The Boot Hill mineralization is hosted by siltstone/greywacke (SG) which has been pervasively altered by biotite, pyrite and pyrrhotite. The discrete quartz veins and silica-rich pods are either limited in extent or the gold content is too low to

warrant further investigation. The crackle/stringer mineralization appears more promising, but to date, poor exposure has not allowed a clear examination of the structure to determine orientation and true width of the mineralizing structures.

Badger Vein

The Badger vein (Figure 8) is located approximately 200 meters west of camp along the shore of Bug Lake. The vein was discovered below a soil sample site which returned a gold value of 50 parts per billion. The strongest mineralization is exposed in Trench 31 (Figure 17) where a 55 to 65 centimeter wide quartz-chlorite vein within a foliated and sheared structure contains pyrite, chalcopyrite, magnetite and native gold. The structure was tested along strike in both directions (Trench 30 and 32, Figures 16 and 18) but the mineralized quartz-chlorite veining was not located in either direction. The best sample results in Trench 31 included gold assays of 0.447 and 0.384 ounces per ton gold over sample widths of 55 and 65 centimeters respectively.

No.9 Showing

Follow-up prospecting of 1987 soil geochemical anomalies on the western end of line 9+00S returned a grab sample of 0.279 ounces per ton gold over a 2.0 meter sample width. Subsequent trenching and sampling of the zone (Figure 9) failed to encounter results similar to the discovery sample (Trench 33 and 34, Figures 19 and 20). The best chip sample assayed 0.171 ounces per ton gold over 20 centimeters. Further work is required to effectively evaluate this occurrence.

No.11 Vein

The No.11 vein, located immediately to the east of the Central Baseline at L11+00N, is a ten centimeter quartz-chlorite vein containing minor pyrite. It has been traced over a strike length of thirty meters. Trench 35 failed to return any significant assay results (Figure 21), but a grab sample of the vein taken ten meters below the trench assayed 0.100 ounces per ton gold.

Three other occurrences assaying above 0.100 ounces per ton gold were found during the 1988 field program. Of these, two require no further investigation due to their limited strike length and narrow widths (Sample 149755 - 0.708 ounces per ton gold and Sample 149901 - 0.152 ounces per ton gold). The third occurrence (Sample 358273) returned 0.125 ounces per ton gold from a 35 to 50 centimeter quartz vein. This sample was taken at the end of the field season and was not investigated further.

6.4 Alteration

Intensely altered zones up to 3.0 meters in width are developed around the copper-gold veins. The alteration and degree of fracturing is strongest adjacent to the vein walls where original volcanic textures are obliterated. A foliated fabric is imparted parallel to the vein contact in these areas. The alteration envelope consists of pervasive chlorite-carbonate penetrated by a network of carbonate-quartz-pyrite veinlets. Although gold values are generally low, elevated values in the 0.010 to 0.150 ounces per ton range may occur in the altered wallrock adjacent to the vein. Pyrite is the primary sulphide mineral present in the altered zone and is found in carbonate-quartz veinlets or as sporadic blebs, coarse euhedral crystals

and finer disseminations. It was found in a number of the drill holes that the alteration envelope lacks the normal magnetic signature associated with the agglomerate host indicating destruction of magnetite during the mineralizing process.

Two other alteration types have been found within the agglomerate in addition to the main chlorite-carbonate-pyrite envelopes described above. Both have been recognized in drill holes only.

In drilling on the Swamp vein, a tan colored, bleached alteration zone envelopes a flat-lying pyrite-chalcopyrite vein. Feldspar grains in the agglomerate are altered to chlorite; clay and carbonate products occur along fractures. In the stronger altered sections, no trace of the original rock textures can be seen. Visually, the zone resembles the extensive K-feldspar alteration type at Skyline's Stonehouse Gold deposit; however, feldspar staining does not show the presence of any potassium feldspar.

The second alteration is an ankerite-bearing zone associated with the syenite in intersected in the drilling of the No.7 vein. The ankerite has two modes of occurrence: as a pervasive blanket alteration with sericite and in veinlets with coarsely crystalline quartz and minor amounts of sericite and specular hematite. A diagnostic feature of the ankerite is the orange-buff color which develops in a short period of time once exposed to air.

In the area of the Boot Hill showings, a pervasive biotite-pyrite alteration of the siltstone/greywacke occurs in the area of the mineral showings. The weathering of this alteration type results in strong gossanous outcrops exposed around Boot Hill. The total extent of the alteration is not known.

7.0 SOIL GEOCHEMISTRY

7.1 Introduction

Soil geochemical coverage on the Waratah property was extended during the 1988 exploration program with two main objectives. Anomalous areas of the 1987 geochemical grid were detailed and better defined by crosslines spaced 50 meters apart and oriented at 040°, perpendicular to the general trend of veining. The area west of the 1987 geochemical grid, which had been shown to be anomalous by reconnaissance contour soil sampling late in the 1987 program, was tested by the Ridge and West soil geochemical grids, with samples at 25-meter intervals on lines spaced 50 and 100 meters apart. The West grid crosslines were oriented at 040°, parallel to the Main grid crosslines, but the Ridge grid crosslines were oriented towards true north due to topographic constraints.

Soil samples were taken from the red-brown B horizon wherever possible. Generally, a well-developed B horizon could be found at a depth of ten to forty centimeters, but in areas of thin soil cover, it was inevitable that some amount of C horizon was collected as well. Samples were analysed geochemically for copper, lead, zinc, arsenic, silver and gold at Chemex Labs in North Vancouver. Certificates of analysis are attached in Appendix D.

7.2 Results and Interpretation

Statistical analysis (Lepeltier, 1969) was carried out on the combined soil geochemical results from the 1987 and 1988 exploration programs on the Waratah property, using a total of 2077 samples (Appendix E). No attempt was made to separate the sample population into lithological units. The following table

lists the values selected for background, possibly anomalous and anomalous levels.

Table 7.2.1
Geochemical Survey Statistical Results

Element	Background	Possibly Anomalous	Anomalous
Copper	47 ppm	100 ppm	220 ppm
Lead	17 ppm	40 ppm	90 ppm
Zinc	120 ppm	210 ppm	400 ppm
Silver	0.5 ppm	1.2 ppm	3.2 ppm
Gold	13 ppb	60 ppb	220 ppb
Arsenic	7 ppm	24 ppm	69 ppm

Soil geochemical values for both the 1987 and 1988 surveys are compiled on Figures 26 through 37. The background and possibly anomalous levels have been contoured only where the line spacing is 50 meters or less, allowing the contouring to be guided by sufficient data.

A number of anomalous trends can be found in the contoured areas. Some of the anomalies outline and extend known mineralization. Follow-up of the 1987 results shows the multi-element anomalies to be the ones which are most likely to reflect precious metal mineralization. Only those anomalies defined by 1988 geochemical data are discussed below:

1. 12+00S, 13+50W to 1+00N, 3+75W: This anomaly consists of six multi-element areas spread over a length of 1500 meters. The trend is interrupted by an area where detailed sampling was not completed across Lines 5+00S and 6+00S. The anomaly follows a major lineament that follows the north shore of Lesser Bug Lake, passes through a small lake north of Bug Lake and eventually joins the Handel Break near the Iskut River. Although no mineral showings of any consequence have yet been found along this trend, this may be due more to the scarcity of outcrop along the lineament than to

the lack of mineralization.

2. 0+00, 2+50W to 1+00N, 2+00W: Strong gold, lead, arsenic, copper and zinc soil results occur in this area. No mineralization has been found to date to explain this anomaly.

3. 2+50S, 7+50W: A gold, copper, arsenic, lead and zinc high occurs in the center of a larger zone of copper, arsenic and zinc. Geological mapping indicates the area to be underlain by andesitic flows but no source as yet has been found for the anomalies.

4. 5+00S, 5+50W to 5+50S, 5+00W: All of the analysed elements are anomalous at these sites. A 10 to 30 centimeter wide quartz vein mineralized by pyrite, chalcopyrite, sphalerite and pyrrhotite lies immediately to the south of the anomaly along the edge of Bug Lake. It is reasonable to assume that this anomaly shows the extension of the vein to the northwest.

5. 9+50S, 15+50W to 8+00S, 13+75W: This anomaly is defined by gold values of 75, 275, 280, 300, 300 and 610 parts per billion gold. Elevated copper, zinc, arsenic, lead and silver values also are found along this trend. The anomaly may show the extent of the No.9 showing which is exposed near the center of the anomaly.

6. 10+00S, 8+00W: This location forms the center of a large gold anomaly with values up to 280 parts per billion. Despite intensive prospecting, no source for the anomaly has been found. The presence of orthoclase porphyry in the area is encouraging as this rock unit

is intimately associated with other veins on the Waratah property.

7. 2+50E, 0+75S to 2+00E, 0+25N (Ridge Grid): Gold values from 65 to 760 parts per billion occur across the ridge between the Gold Bug and Boot Hill showings. The source of this anomaly has not yet been discovered.

8. Boot Hill Area: By far the most extensive soil geochemical anomalies for all the elements analyzed extend westward from the Boot Hill showings (22+00W, 17+75S). The soil anomalies reflect not only the copper-lead-zinc-silver-gold mineralization discovered on Boot Hill but extend over a large area to the west of the showings. The anomalies to the west of Boot Hill may be caused in part by downhill migration of values from the showings but a large portion of the anomaly lies further west, away from the base of the hill and likely indicates the presence of additional mineralization. The high lead, zinc and silver background throughout this portion of the grid reflects the mainly sedimentary rocks underlying this area.

A great number of anomalies lie outside of the detailed grid areas. The source of most of these anomalies have yet to be found. Any of the higher gold values with coincident copper, lead, zinc, silver and arsenic should be priority targets in future work programs. As a result of mixing data from the two different labs (1987 - Vangeochem Lab Limited; 1988 - Chemex Labs) there appears to be a few suspicious anomalies running parallel to sample lines, which may be due to analytical imprecision. In particular, silver clearly indicates this line bias along line L11+00N.

8.0 GEOPHYSICS

8.1 Introduction

The aim of the geophysical surveying was to test prospective ground indicated by soil geochemistry along north-south grid lines in order to identify potential conductors and trends in areas with limited rock exposure. This approach was used last year to define the Bluff, Swamp and No.7 veins east of the Central Baseline between Lines 0+00 and 7+00N.

The procedures, data and interpretation of VLF-EM and magnetometer surveys conducted over the soil grid are attached in Appendix F (Visser and Ashenhurst, 1988). The 1988 geophysical surveys were run along grid lines oriented at 040° (termed "north-south"). The 1987 data, run along lines oriented at 130° (termed "east-west"), is presented here for completeness. A completely new set of lines were established for the geophysical survey between Lines 7+00S and 2+00S. The new lines were flagged with lime green tape to distinguish them from the corresponding soil sample sites.

8.1 Results and Interpretation

Most of the geophysical anomalies are short wavelength and have limited strike potential. This is consistent with the surveys completed in 1987 and points to the weak geophysical response of the narrow quartz-rich vein structures. However, Visser and Ashenhurst (1988) point to a number of conductive trends that warranted further investigation. Some of the conductive trends outlined by this year's surveying that require further examination are:

1. A VLF anomaly trends from Line 2+00W to 5+00W between 0+00 and 1+00N on the north-south grid, falling

within an area of strong soil geochemistry.

2. A weak VLF conductor crosses the west end of Lines 8+00S and 9+00S on the north-south grid with a magnetic anomaly lying parallel to the same trend. The location of the No.9 showing and a strong gold soil anomaly coincide with the geophysical anomalies, suggesting that more precious metal mineralization may be present.

3. A VLF-EM anomaly strikes across Lines 5+00S and 6+00S at 5+00W on the east-west grid. Again, this is an area of strong soil geochemistry.

4. Parallel magnetic anomalies and VLF-EM conductors fall between 12+00S, 13+00W and 5+00S, 8+00W on the east-west grid lines. A series of geochemical multi-element anomalies are coincident with the conductors and follow a very prominent east-west lineament. No mineralization has yet been found to explain these anomalies.

5. On the West grid, two areas of interest were noted by Visser and Ashenhurst (1988). A short wavelength VLF-EM conductor with corresponding magnetic anomaly exists from 24+00W to 24+50W on line 20+00S. The conductors are found on both the cross-lines and on line 20+00S from separate VLF transmitter stations making it difficult to establish the orientation of the anomalies although the geophysical response is strong. A second VLF-EM conductor lies across Lines 22+00W to 25+00W between 18+00S and 19+00S along the Boot Hill ridge. As noted in the section on soil geochemistry, the soils in this whole area are enriched in base and precious metals and a number of significant mineral occurrences have been discovered here.

9.0 CONCLUSIONS

The Iskut River, Sulpherets and Stewart gold camps host economic gold-bearing mesothermal veins deposits which are intimately associated with syenitic stocks intruding an Upper Triassic volcano-sedimentary sequence. The Waratah property exemplifies this geological environment, hosting a number of gold-bearing quartz-chlorite veins mineralized with pyrite, chalcopyrite, arsenopyrite, sphalerite, galena and magnetite.

The central part of the property is underlain primarily by a dark green agglomerate unit. To the west, this assemblage gives way to more mafic clastic members including volcanic conglomerate and mafic wacke units. Sedimentary units of more intermediate composition are found still further west. Intruding the above rock types are orthoclase porphyry, feldspar porphyry, syenite and monzonite intrusives.

To the end of 1987, no less than eighteen individual vein structures with initial grab samples assaying more than 0.100 ounces per ton gold had been found. Additional vein systems were located during the 1988 field program, of which two warrant further investigation. These areas are the No.9 showing and a number of copper-lead-zinc-silver-gold occurrences collectively known as the Boot Hill showings.

Initial sampling of the No.9 showing returned 0.279 ounces per ton gold over a 2.0 meter sample width. Trenching of the sample area failed to return similar results; however, a gold soil anomaly coincident with VLF-EM/magnetic geophysical anomalies passes through this area, indicating that more precious metal mineralization may be present.

Interbedded siltstone and greywacke units host several copper-lead-zinc-silver-gold showings at Boot Hill. Two types of

mineralization have been discovered at this location: quartz vein and crackle/stringer mineralization. The crackle/stringer type has been shown to be more extensive in trenching and shows a greater potential for hosting mineable widths than the typical vein types. The limiting factor as always is whether sufficient gold, silver and base metals are contained in the mineralization. Boot Hill and the area lying to the west of it was found to be extremely anomalous in all elements tested in the soil geochemical program and contains geophysical anomalies that warrant further work.

The sources for many more soil geochemical and geophysical anomalies encountered during the 1988 field program remain to be discovered. The Waratah property has been shown to host many significant gold occurrences and future emphasis must focus on locating mineralized structures with the potential for developing enough tonnage to warrant a viable mining operation.

Respectfully submitted,
EQUITY ENGINEERING LTD.


David A. Caulfield, Geologist

Vancouver, British Columbia
December, 1988

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

- Candy, D. and G.E. White (1985): Geophysical Report on a Pulse Electromagnetometer Survey on the Waratah Grid, Liard Mining Division; British Columbia Ministry of Mines, Energy and Petroleum Resources Assessment Report No. 14832.
- Caulfield, D. (1987): Summary Report on the Waratah Project; Submitted for assessment credit to the British Columbia Ministry of Mines, Energy and Petroleum Resources.
- Delaware Resources Ltd. (1988): News Release 4/88, dated June 7, 1988.
- Dvorak, Z. (1983): Assessment Report for Dighem III Survey, Handel, Ravel, Chopin 1-2 Claims; British Columbia Ministry of Mines, Energy and Petroleum Resources Assessment Report No. 11326.
- Geological Survey of Canada Map No. 9-1957: Operation Stikine
- Geological Survey of Canada Map No. 1418A (1979): Iskut River
- Grove, E.W. (1986): Geological Report, Exploration and Development Proposal on the Skyline Explorations Ltd. Reg Property.
- Kerr, F.A. (1948): Lower Stikine and Western Iskut River Areas, B.C.; Geological Survey of Canada Memoir No. 246.
- Lepeltier, C. (1969): A Simplified Statistical Treatment of Geochemical Data by Graphical Representation; Economic Geology, Volume 64, pp. 538-550.
- Nagy, L.J. (1986): 1986 Geochemical Report on the Hemlo West Group; British Columbia Ministry of Mines, Energy and Petroleum Resources Assessment Report No. 15,336.
- Visser, S. and J. Ashenhurst (1988): Proton Precession Magnetometer Survey and 2-Frequency VLF-EM Survey on the Waratah Claims; Appended to this report.

APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES: WARATAH 4-7 CLAIMS
(June 14 - September 12, 1988)

PROFESSIONAL FEES AND WAGES:

David A. Caulfield, Project Geologist		
50.50 days @ \$300/day	\$ 15,150.00	
Brian Yamamura, Geologist		
23.75 days @ \$300/day	7,125.00	
Bruno Kasper, Geologist		
70.75 days @ \$250/day	17,687.50	
Tom Bell, Prospector		
22.00 days @ \$225/day	4,950.00	
Donald McInnes, Sampler		
37.75 days @ \$175/day	6,606.25	
Derek Roulston, Sampler		
26.50 days @ \$175/day	4,637.50	
Fred Ensom, Sampler		
72.00 days @ \$175/day	12,600.00	
Kerry Wadsworth, Sampler		
8.00 days @ \$175/day	1,400.00	
Philippe Schnare, Sampler		
8.00 days @ \$175/day	1,400.00	
Dorothy Derrick, Cook		
24.00 days @ \$175/day	4,200.00	
Grace Jones, Cook		
4.00 days @ \$175/day	700.00	
Jane Moir, Cook		
11.00 days @ \$175/day	<u>1,925.00</u>	
		\$ 78,381.25

EQUIPMENT RENTALS:

Generator	\$ 2,000.00	
Accessory Camp Equipment	3,040.00	
Rock Drill and Steels	1,050.00	
4WD Truck	<u>430.00</u>	
		6,520.00

CHEMICAL ANALYSES:

761 soil samples @ \$18.25	\$ 13,888.25	
181 rock samples @ \$31.75	<u>5,746.75</u>	
		19,635.00

EXPENSES:

Licenses and Fees	\$	61.00
Geochemical Supplies		316.63
Repairs and Maintenance		132.00
Materials and Supplies		12,417.63
Explosives		1,687.52
Printing and Reproductions		240.32
Office Supplies		375.39
Safety Supplies		1,004.93
Mobilization/Demobilization		4,344.56
Camp Supplies		1,058.58
Camp Food		8,182.61
Camp Fuel		1,481.67
Aircraft Charters		16,313.31
Helicopter Charters		13,041.86
Telephone Distance Charges		364.64
Courier and Telefax		269.16
Freight		732.86
Geophysical Surveys		9,482.05
Linecutting and Padcutting		6,375.00
Expediting		4,870.18
Report		<u>5,000.00</u>

\$ 87,751.90

MANAGEMENT FEES:

7.5% on subcontracts	\$	2,848.35
15% on expenses only		<u>11,156.30</u>

14,004.65

\$ 206,292.80

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APPENDIX C

ROCK DESCRIPTIONS

Abbreviations

AR	Arsenopyrite	FL	Float	OC	Outcrop
Au	Native Gold	GA	Galena	PR	Pyrrhotite
CA	Calcite	GE	Goethite	PY	Pyrite
CL	Chlorite	HE	Hematite	QZ	Quartz
CP	Chalcopyrite	JA	Jarosite	SE	Sericite
Cu	Native Copper	LI	Limonite	SP	Sphalerite
CY	Clay	MA	Malachite	SP.HE	Specularite
EP	Epidote	MG	Magnetite		

Sampler TOM BELL

Project TN488-01

Location Ref ISKUT RIVER

Date JUNE 20-25, 1986

Property WARATAH

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS $\frac{oz}{t}$				
				Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
149801	6293675N 378195E	Grab ϕ C	5-10cm	Aggl.	m. QZ, CL	20-30% ch. SS PY, Mg	taken along zone for ~1.0m west side of gully	<.01	<.01	.01	.01	.006
802	6293500N 378022E	Grab ϕ C	zone 1.0m?	"	QZ, CL	PY, CP upto 30%	series (2,3) QZ veins 0.70% vol. 1.0m wide zone - CL = 1H2	.09	.01	.03	.16	.068
803	6293765N 377755E	Float		"	QZ, CL	m. PY	3 or 4 boulders, deep ONB ball QZ, under tree root	<.01	<.01	<.01	.01	.002
804	6293860N 377610E	Float		"	QZ, CL	no S"	under tree root.	<.01	<.01	.02	<.01	<.002
805	6283465N 377930E	Float.		Aggl. / tuffaceous	QZ, CA, C	PY, m. CP	near source, 0.5m radius grab of float	.04	<.01	.01	.03	.002
806	6283500N 378022E	Grab ϕ C	30cm vein 20cm	"	QZ, CL CA.	CP, PY, Au MA, AZ, Mg	PY in wallrock for 20cm vein zone 20cm $\pm 110^\circ$ veat.	.11	.02	.02	.29	.128
807	"	"	30cm vein 35cm	"	QZ, CA, CL	PY, CP Au MA, 1H2	2m below 806, $\pm 110^\circ$ veat.	1.59	.03	.03	2.07	2.122
808	"	"	vein 10cm	"	CL, QZ	m. PY, CP	4m below 807, 5" weathered out, splay from 806, 807	.10	<.01	.02	.13	.213
809	"	Float SC	>20cm	"	QZ, CA, CL	PY, CP, MA 1H2	5m below 806, main vein again, larger 20-30cm float	.96	.01	.01	1.49	1.768
810	"	Grab ϕ C	20cm	"	QZ	PY.	5-7m uphill from top of vein sheared, foliated aggl. $\pm 115^\circ$.	.03	<.01	.01	.04	.038
811	6283495N 378020E	Grab ϕ C.	20cm	"	QZ, CA	PY, CP	10m @ 160° , cuts hill @ 120° , ball v. taline vein	.11	<.01	<.01	.05	.034
812	6283465N 377960E	Grab ϕ C	25cm	"	QZ, CL, CA	PY, CP, Mg HE, GE	20m @ 090° L25, 2+25W	.03	<.01	.01	.07	.012
813	6283420N 377180N	Float		"	EP, CL	PY	10m @ 190° from L75, 8+00W well at 110 volc, 5" weathered out foliated, under tree root	<.01	<.01	<.02	<.01	<.002
814	6283455N 377195E	Grab ϕ C	10-15cm	"	QZ	PY, Mg, Mn LE.	50m @ 040° L75, 8+00W, well at 110 aggl., dug out from under tree	.03	<.01	<.01	.15	.008
815	6283190N 377020E	" "	>1.0m	fig. tuff	QZ, EP, CL	PY.	30m @ 060° from L105, 7+75W well at 110	<.01	<.01	<.01	<.01	<.002
816	6283180N 377015E	Float		Aggl.	QZ, CL	LI, tr. PY Mg	L106 7+65W, QZ boulders	<.01	<.01	.02	<.01	<.002
817	6283160N 376960E	Grab ϕ C		"	QZ stringer silicific	PY, CP, PR SP	55m @ 210° from L105, 7+90W well at 110	.01	<.01	.01	<.01	<.002
818	6283215N 376935E	"	1.0m	"	Silic., CL	PY, Mg	L105, 8+50W, altered aggl. on location of high soil in	<.01	<.01	.01	<.01	<.002
819	6283235N 376900E	"	1.0m	fig tuff	CL,	PY, tr. CP	20m @ 190° from L105, 7+00W alt'd, foliated tuff	.01	<.01	<.01	<.01	<.002
820	6283360N 376945E	Float	1.0m	Aggl.	CL, QZ	PY, tr. CP	8+75S, 9+00W, well at 110 volc. same location as 21778	<.01	<.01	.01	<.01	<.002

Sampler TOM BELL

Project TN488-01

Location Ref ISKUT RIVER

Date JUNE 26 - JULY 2, 1981

Property WARATAH

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{oz/t}					
				Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au	
149821	6283865N 376990E	Grab ϕ c	0.5m	Aggl.	AK, CL	PY, PR	9+00N, #250s, high Au soil	<.01	<.01	<.01	<.01	<.002	
822	6283710N 376515E	Chip	50cm	"	QE, CL	PY, LI MG	14+85W, L95, sample of zone + pyritic wallrock - vein 18cm	.01	.02	.01	.12	.024	
823		Float		"	"	"	+140°/40°SW, high grade grab of 822	<.01	.02	<.01	.04	<.002	
824		Grab ϕ c		"	"	"	2m. uphill from 822, on strike, 10m from L95 15W Au soil	.03	<.01	.02	.04	.022	
825	6283705N 376520E	Grab, Float ϕ c	2.0m 2.0m	"	"	"	3m west to 14+75W L95, 10m up from 824, vein; alt 2	<.01	<.01	.01	.47	.279	
826	6283741N 376510E	Grab ϕ c	5-10cm	"	QE, CL		Derek's sample, 30m down strike of 826	<.01	<.01	<.01	<.01	.002	
827	6283725N 376530E	Grab ϕ c	30cm 30cm	"	QE, CL	m PY, CP	30m @ 070° from L15W, L95, f.g. sugary texture +160°/4	<.01	<.01	<.01	<.01	<.002	
828		Grab ϕ c	10cm 10cm	"	QE CL	tr. PY	2m below 827, same vein f.g. sugary QE	<.01	<.01	<.01	<.01	<.002	
829	6283875N 376391E	Grab ϕ c	20cm	"	QE, CL	PY, CP	160m elevat ⁿ , east of L95 @ 8+50S, +150°/50°SW	.24	<.01	<.01	.10	<.002	
830	6283650N 376395E	Float		"	QE, EP, CL	PY, MG	25m @ 350° from 15+50W 10+25S well alt 2 float	<.01	<.01	.04	<.01	<.002	
831	6283350N 375630E	Grab ϕ c	30-40cm .5m	tuff.	CL	PY, PR, m, CP	170m ELEV., ball QE float in area	.01	<.01	.01	<.01	<.002	
832	6283455N 375625E	"	10cm ?	tuff?	CL	LI, 20% PY	265m ELEV. 2m below D87-7+25W PY, PR diss. throughout area	.03	<.01	<.01	<.01	.002	
833	6283465N 375570E	Float		Aggl.	QE, CL	PY, SP, GA CP	D87-6+50W soil, diss. SP, fracture fillings.	.02	.10	1.13	0.23	.002	
834	6283775N 375550E	"		?	CL	PY, LI	D87 + 6+0W	.01	.03	.03	0.09	<.002	
835	6283525N 375435E	"		Wacke? nearby	QE, CL	PY, SP, CP GA	30m @ 180° from D87 4+25W 2 boulders under roots, no ϕ c	.21	1.20	1.49	2.36	.038	
836	6283355N 375650E	Float + Talus		Aggl.	CL	SP, PY PR	220m ELEV., below old C-Line 50-75m SW of 831	<.01	.06	0.71	0.33	.028	
837	6283525N 375435E	Grab ϕ c	70cm 70cm	Wacke	QE, EP, CL	PY, SP, GA	wallrock & vein material same locat ⁿ as 835	.02	.15	.35	.35	.004	
838	"	"	110cm 110cm	"	"	"	mostly vein last 10cm - alt 2 wallrock, consecutive chip to 837	.03	.06	.42	.15	.020	
839	6283410N 375595E	"	1.0m 1.0m	"	CL, EP	PY, SP	200m ELEV. lake side of knob Kensy pod for 1.0m	<.01	.25	.87	.27	.002	
840	"	"	1.0m	"	CA, SE, CL EP		10m west of 839, same elev. 1.0m x 2.0m wide pod	<.01	<.01	.02	.01	.002	

Sampler TOM BELL

Project TNG 88-04

Location Ref ISKUT RIVER

Date Sept. 24 to Oct. 6, 1988

Property WARATAH

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{0.34}				
				Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
358251	6283567 N 375920 E	Grab OC	1.0-15 cm	Seds	CL, QZ	fr PY, MnO ₂	Buck Flew Trench at 4+50 E, 0+150 N (Gold Bug)	<.01	<.01	.01	.02	.002
358252	"	Chip	2.5 m	Seds	CL, CA	minor PY	-same as 358251, sheared and gouged seds.	<.01	<.01	.01	<.01	<.002
358253	6283509 N 375432 E	Talus		Seds	CL, SER	PY, CP, GA	6 22+00 W, 18+25 S. 4 large boulders dug out.	.01	<.01	.15	.02	<.002
358254	6283515 N 375447 E	Talus	10 m	Seds	CL	diss PY, LE product	20 m downslope of 22+00 W, 18+00 S	<.01	<.01	.01	.03	.004
358255	6283502 N 375531 E	"	3 m	"	SER	diss PY, LE product	10 m upslope of 21+50 W, 17+50 S	<.01	<.01	.02	.03	.002
358256	6283540 N 375408 E	"		"	ARG, QZ	PY, GA	5 m @ 270° from 22+50 W, 17+75 S possible vein? material	.03	2.28	.30	3.50	.071
358257	6283518 N 375922 E	Grab OC	50 cm 10 cm	"	CL	PY	12 m @ 230° from 0100, 4+50 S → zone running 140°/20° W for 1.5 m	<.01	.01	.01	.07	.002
358258	"	"	15 cm	"	CL, SER, QZ	PY	3 m east of 358257, close to gravel soil anomaly	.03	<.01	.01	.03	<.002
358259	6283685 N 374920 E	"	1 m 50-60 cm	"	ARG, minor QZ	PY, MnO ₂ , LE products	50 m downstream from Lesser Bug Creek, zone strikes 040°/90°	.02	<.01	<.01	.02	<.002
358260	6283759 N 375301 E	"	1 m 5-10 cm	"	CL, QZ	PY, SP, minor CP	River Bank - 400 m upstream of Lesser Bug Cr mouth, QZ vein strikes 165°/90°	.09	.16	1.49	1.87	.044
358261	6283749 N 375456 E	Talus	5 m	"	CL, QZ, CA	PY, SP, fr CP	100 m up from 358260	<.01	.04	1.15	.04	<.002
358262	6283579 N 375771 E	"	50 cm	"	CL, QZ	PY, CP	Above TR88-26 (Gold Bug Zone)	.13	<.01	.07	.39	.036
358263	6283637 N 375495 E	Float		"	QZ, CA, SER	PY	50 m up from Lesser Bug Cr mouth	<.01	<.01	<.01	<.01	<.002
358264	"	"		Felds. porphy?	CL, CA, QZ	diss PY	same location as 358264	.02	<.01	<.01	.02	<.002
358265	6283466 N 375923 E	Chip	3.5 m	Seds	CL, SER	diss PY, MnO ₂ , LE	Trench at 4+25 E, 0+75 S	<.01	<.01	<.01	.01	.002
358266	"	Grab		Seds	CL	PY, MnO ₂ , LE products	high grade sample from Trench @ 358265	<.01	<.01	.01	.01	.004
358267	6283447 N 375645 E	Grab OC	5 m	"	CL?	PY, LE products	@ 0+00 E, 0+75 S (RBW) done to 149852 & 149832	.01	<.01	<.01	.01	.002
358268	6283445 N 375619 E	Talus	5 m	Felds porphy?	CL	diss PY	25 m @ 275° from 2+50 E, 0+50 S (LBW)	<.01	<.01	<.01	<.01	.002
358269	6283688 N 376385 E	Grab OC	5 m	Tuff?	EP, CA	PY, CP	20 m @ 025° from 10+00 S, 15+75 W	<.01	<.01	<.01	<.01	<.002
358270	6283720 N 376593 E	"	2 m	Agglom	CL	PY, LE product	10 m @ 290° from 14+50 S, 8+75 W	.01	<.01	.03	.15	.022

Sampler D.A. CAULFIELD

 Project TNG 88-01

 Location Ref ISKUT RIVER

 Date JUNE 20 - JULY 1, 1988

 Property WAKATAH

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{oz/t}					
				Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au	
149901	6283505N 378100E	Grab QC	1-5cm	Aggl	QE, CL	CP, PY, Cr. MA	small QZ sweet, v. irregular discontinuous lens	.07	<.01	.01	.15	.152	
902	6283720N 378095E	Float	float 5-10cm	"	QE, CL	PY, CP	Near source, in roots of blow down PY, CP strongest in a 1" wallrock	.23	<.01	.01	.17	.018	
903	6283950N 378255E	Float	float 10-15cm	"	QE, CL	m. PY, LI stain	Bull coarse crystalline QZ vein best PY w/ CL at 1" wallrock	<.01	<.01	<.01	.01	.006	
904	6283425N 37820E	Grab QC	20cm	"	QE, CL	PY, LI	lowest exposure, recessive break more CL than QZ	.01	<.01	.01	.02	.004	
905	"	"	10cm	"	QE, CL	PY, LI, Mg	3m upslope, splay from main structure frothy textured vein strong secondary oxides.	.03	<.01	<.01	.05	.004	
906	"	"	80cm	"	QE, CL	PY, Mg, LI	7m upslope from 904, main vein frothy textured vein, 5" zone 170°/15° NE	.07	<.01	.01	.16	.026	
907	"	"	15cm	"	QE, CL	PY, Mg, LI	10m upslope from 904, 906 splays into 2 veins similar to 906	.05	<.01	<.01	.09	.018	
908	6283560N 377150E	Grab QC	10cm	"	QE, CL	PY	bull QZ vein, more PY in at 1" wallrock	<.01	<.01	.01	<.01	<.002	
909	6283210N 376950E	Float		f.g. tuff	QE, CL	PY	L105, 8+35N, Derek & sample	<.01	<.01	<.01	<.01	<.002	
910	6283290N 377075E	Grab QC	>10cm	Aggl?	QE, CA, CL	PY, SP, LI	Series of 10cm wide QZ veins within larger alt 3 area.	.04	<.01	.90	.06	.004	
911	6283365N 376930E	Float		Aggl./ortho.	QE	PY, LI	From roots of tree, rusty float	<.01	<.01	.02	.01	<.002	
912	6283425N 377140E	Float		Aggl./buff.	QE silic.	PR, PY LI	foliated nature,	<.01	<.01	.01	<.01	<.002	
913	6283400N 377195E	Float		Arg./silt.	QE silic.	PR, PY, fr. CP	near source, south of 1987 sample 27758	.01	<.01	.01	.01	<.002	
914	6283690N 377020E	Float		Aggl.	QE, CL	CP, PY HE after CP	Sample (soil) D-Line 5+00m taken from same upturned tree	.10	<.01	.02	.29	.006	
915	6283505N 375600E	Float-SC		Wacke	QE, EP	PY up to 20%	PY occurs as disseminated fracture fillings.	<.01	<.01	<.01	.04	.014	
916	6283475N 375435E	"		"	QE	10-30% PY tr. CP	strong oxide stain, close to being in place	.03	<.01	<.01	.04	.008	
917	6283295N 376410E	Float		" ?		PY	overturned tree	.01	<.01	<.01	<.01	.006	
918	6283425N 375425E	Grab QC		Wacke	CL	up to 20% PY	rusty lens in wacke	.03	<.01	<.01	.04	.038	
919	6283525N 375350E	Grab QC	2-15cm	"	QE, CA, CL	SP, MA, PY hydrothermal	± 020°/V, may be parallel	.04	1.28	13.90	1.41	.034	
920	6283530N 375345E	"	10-20cm	"	QE/CL	m. PY	5m @ 020° from 919, series of bull white veins	<.01	.01	.15	.02	.002	

Sampler D.A. CAULFIELD

Project TNG 88-01

Location Ref ISKUT RIVER

Date JULY 1-12, 1988

Property WARATAH

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{oz/T}				
					Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
149921	6283 620 N 375395E	Grab SC		?	Wacke	CA	PY, SP hydrozincite	disseminated stringers along CA fractures	.02	.18	1.04	.23	.002
922	6283 490 N 375675E	Grab DC	3m	?	"	CA, CL, QE	PY, PR, AR? m.CP, LI	10m east of Derek's showing possibly extension on zone.	.02	<.01	<.01	.04	.002
923	6283 490 N 375675E	"	2m	?	"	"	"	lower exposure, same locat ⁿ	.01	<.01	<.01	.02	<.002
924	6283 515 N 375325E	Float		720m	"	CA, QE, CL	SP, GA, AR, m.CP	30m SW of Tom's Flare showing	.04	5.24	17.90	4.62	.753
925	TR88-24	Chip	1.00	.80	mafic wacke/Aggl.	CA/QE, CL	m PY	Wallrock	.01	<.01	.01	.01	.002
926	"	"	.80	.70	"	QE, CL	PY, Mg m.CP	Vein zone	.16	.02	.10	.32	.018
927	"	"	1.00	.70	"	CA/QE, CL	m. PY	Wallrock	.01	<.01	.03	.03	.002
928	"	"	.65	.65	"	QE, CL	PY, Mg, m.CP	Vein zone	.03	<.01	.06	.06	.006
929	"	"	.40	.40	"	CA/QE, CL	"	Vein zone	.44	.01	.08	.79	.056
930	TR88-25	"	1.00	.60	"	CL	m. PY	Wallrock	.02	<.01	.02	.06	.002
931	"	"	0.60	.50	"	QE, CL	PY, m.CP	Sheared Vein zone	.04	.01	.03	.25	.022
932	"	"	1.00	.60	"	CL	m. PY	Wallrock	.02	<.01	.03	.02	.002
933	6283 620 N 375570E	Grab.			"	CL, m QE	PY, LI	Fluoride stained DC, wisps of c.g. PY in CL alt ^d host rx	.06	<.01	.03	.16	.060
934	TR88-26	Chip	.60	.55	"	CL, CA 1/2 QE	m PY	Wallrock	.01	<.01	.02	.02	.002
935	"	"	.65	.60	"	CL, QE	PY, strong LI	Vein zone - oxidized	.13	.01	.02	1.57	.750
936	"	"	1.00	.95	"	CL, CA, 1/2 QE	m. PY	Wallrock	.02	.01	.03	.04	.006
937	"	"	.95	.85	"	"	"	"	.01	<.01	.03	.01	.012
938	"	"	.75	.75	"	CL, QE	PY, Mg, tr.CP	Vein zone - S" facies	.20	.01	.02	1.95	.866
939	"	"	.80	.75	"	CL, CA 1/2 QE	m. PY	Wallrock	.02	<.01	.03	.07	.018
940	"	"	.30	.30	"	CL, QE	PY, Mg, tr.CP	Vein zone - S" facies	.43	.02	.05	2.24	.215

Sampler Derek Rowlston

Project TNG 88-01

Location Ref ISKUT RIVER

Date June 21 - July 6, 1988

Property WARATAH

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{02/T}				
					Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	As
149751	6283845N 379715E			1-2cm	Aggl.	QZ, CL	PY, tr. CP	discontinuous lens,	<.01	<.01	.01	<.01	<.002
752	6283827N 377582E	Grab SC	30cm		Tuff	"	"	Subcrop from area of overturned tree, 7+50W, 1+50S	.05	<.01	.01	.04	.002
753	6283900N 376860E	Grab Øc	3cm	Ø 1.0m	Aggl.	"	PY	bull QZ vein	<.01	<.01	<.01	<.01	<.002
754	6283260N 376680E	Grab Øc	50cm	?	"	"	PY, CP	20m SE of L115, 10+50W, rusty alt# over 2.0m, 5' oxidized	<.01	<.01	.01	<.01	.004
755	6283276N 376685E	Float		40-50cm	"	"	PY	Near to source in crack Øc, 20m NE of L115, 10+75W	.17	<.01	.02	.23	.708
756	6283276N 376685E	Grab Øc	10cm	?	"	"	PY, LI	highly oxidized, same local # of 755 3m away	.02	<.01	.01	<.01	.008
757	6283505N 376490E	"	10cm	?	"	CL	m. PY	alt# volcanic, highly foliated	<.01	<.01	.02	<.01	<.002
758	6283605N 376320E	"	5cm		"	QZ, CL	LI, m. PY	bull QZ, LI products on surfaces	.20	<.01	.01	.06	.002
759	6283675N 376840E	"		5-10cm	"	QZ, CA, CL	PY, AR?	highly alt# gossanous material Arsenic stain?	.03	<.01	.01	.07	.004
760	6283675N 376840E	"		5-10cm	"	"	PY AR	Same local # of 759	.01	<.01	.01	.03	<.002
761	6283685N 376816E	"		?	"	"	"	down strike 40m, low in sulphides	<.01	<.01	.04	<.01	<.002
762	6283845N 377673E	"		20-25 cm	"	QZ, CL	PY	8.5m from 7100W, 01+5S @ 120' could not trace extent, dip soil exposed. vein assumed as a pad.	<.01	<.01	<.01	<.01	.004
763	6283094N 375655E	Float			Wacke	QZ, CL	PY, CP	highly oxidized	.01	<.01	<.01	<.01	<.002
764	6283196N 375663E	Grab Øc	10cm		Wacke	"	PY, CP, AR?	highly oxidized B ₄₅ °100°	<.01	<.01	<.01	<.01	<.002
765	6283405N 375672E	"		50cm	Wacke	QZ, CL	" SP	gossanous B ₄₅ °150°	.03	<.01	.01	.10	.061
766	6283410N 375672E	"		1.0m	"	"	"	same local #.	<.01	<.01	<.01	.04	.010
767	6283405N 375685E	"		72.0m	"	QZ, CL	PY, SP	25-30m west 765, 766, very gossanous	.01	<.01	.01	.03	.002
768	6283405N 375685E	"		30cm	"	"	PY, SP	gossanous same 767	<.01	<.01	.02	<.01	<.002
770	6283750N 375110E	"		~ 50cm	"	QZ,	PY	Lesser Bug Creek, Iskut River, under tree, highly oxidized	<.01	<.01	.01	.02	.008
771	6283650N 375110E	"			"	QZ, CL	PY	Lesser Bug Creek, highly oxidized.	.02	<.01	.01	.02	<.002

Sampler D. A. Caultfield
Derek Row/ston
 Date July 6-9, Aug. 6
Sept. 1988

Project TNG 88-01,04
 Property WARATAH

NTS 104 E/10W, 11E
 Location Ref ISKUT RIVER
 Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width		DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{wt}				
			m	True Width m	Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
149772	6283540N 375145E	Grab QC			Wacke	QZ,CL	PY	30m east of 771, similar appearance	.01	<.01	<.01	.01	.004
773	6284157N 378900E	"		5cm	Agglom.	QZ,CL	PY,CP	On C.B.L., 9490N near Au soil anomaly 150°/25°SW	.07	<.01	<.01	.12	.012
774	6284175N 378997E	"		2 @ 10cm	"	"	PY,CP	2-QZ veins separated by 20cm wallrock	.44	<.01	<.01	.25	.004
779	TR88-35	Chip	0.20	0.10	Aggl.	QZ,CL		Vein zone No. 11 vein	.02	.01	.02	<.01	.002
149790	"	"	1.00	1.00	"			Weakly alt'd wallrock	.02	.01	.02	<.01	.002
81	"	"	0.20	0.10	"	QZ,CL		Vein zone	.02	.01	.01	<.01	<.002
82	"	"	1.00	1.00	"			Weakly alt'd wallrock	.02	<.01	.01	<.01	<.002
83	"	"	0.20	0.08	"	QZ,CL		Vein zone	.01	<.01	.01	<.01	<.002
84	6284180N 378997E	Grab QC	0.10	0.10	"	"		" "	<.01	<.01	<.01	.01	.032
85	6284185N 378997E	"	0.08	0.08	"	"		" "	.06	<.01	<.01	.12	.100
86	TR88-36	Chip	0.55	0.55	"	CL		HW	<.01	<.01	0.02	0.03	.002
87	"	"	0.80	0.80	"	QZ,CL		Vein zone	.09	<.01	.03	.18	.006
88	"	"	0.85	0.85	"	CL		FW	.03	<.01	.05	.10	.042
89	"	"	0.80	0.80	"	QZ,CL		Vein zone	.11	<.01	.10	.28	.016
149790	"	"	0.85	0.85	"	QZ,CL		Vein zone	.04	.01	.04	.17	.012
91	"	Grab			"	QZ,CL		Vein zone	.57	<.01	.15	1.02	.048
92	TR88-37	Chip	0.55	0.55	Wacke		PY	Wallrock	.01	.01	.18	.04	.052
93	"	Grab	0.05-0.00		"	QZ,CL	PY,SP,PRCP TR,GA,AR	Vein zone	.02	.01	.11	.04	.004
94	"	Chip	0.80	0.80	"		PY	Wallrock	.02	<.01	.03	.03	<.002

Sampler D.A. Canfield

Project TNG88-04

Location Ref ISKUT RIVER

Date October, 1988

Property WARATAN

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width		DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{02/T}					
			m.	True m. Width	Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au	
149795	TR88-37	Chip	0.30	0.30	Wacke	QZ, CL	PY, SP, FR, CP tr. GA, AR	Vein zone	.02	.08	1.68	.38	.018	
96	"	"	0.10	0.10	"		PY		.02	<.01	.03	.03	<.002	
97	"	Grab			"	QZ, CL	PY, SP, FR, CP tr. GA, AR	Vein zone	.23	.08	4.60	.42	.012	
98	TR88-38	Chip	0.45	70.45	"	QZ, CL, CA	PY, GA, CP SP, AR	well fractured oxidized material along walls	.02	.03	.85	.07	.002	
99	"	"	1.30	?	"	"	"	of trench, bottom of	.03	.02	.96	.10	.002	
149800	"	"	0.85	70.85	"	"	"	trench is weaker mineralized.	.04	1.54	.52	2.74	.148	
245103	"	"	0.60	70.60	"	"	"		.03	1.68	1.30	1.90	.028	
04	"	"	1.00	?	"	"	"		.02	.17	.57	.20	.008	
05	"	"	1.00	0.50	"	"	"		.03	.39	1.30	.36	.034	
06	"	"	1.1	71.1	"	"	"		.03	.28	.57	.32	.024	
07	"	Grab		>0.40	"	"	"		.02	.42	.10	.50	.004	
08	"	Select grab			"	"	"		.03	4.12	1.86	3.36	.038	
09	TR88-39		1.00	1.00	"	SE?	PY	Wallrock - FW	<.01	.05	.03	.04	<.002	
245110	"		0.12	0.12	"	QZ, CA, CL	m. GA, SP, PY, CP	Vein zone	<.01	.02	.02	.01	<.002	
11	"		0.55	0.40	"	SE?	PY	Wallrock	<.01	.02	.06	.03	<.002	
12	"		0.25	0.15	"	QZ, CA, CL	m. GA, SP, PY, CP	Vein zone	<.01	.06	.15	.01	<.002	
13	"		1.00	7.00	"	SE?	PY	Wallrock - HW	<.01	.01	.02	.01	<.002	
14	"		0.50	0.50	"	QZ, CA, CL	m. GA, SP, PY, CP	Vein zone	<.01	.24	.01	.50	<.002	

Sampler Franz Kasper

Project TNG 88-01

Location Ref Sheet No. -

Date July 15 - 25, 1988

Property WARAJAN

Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width		DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS					
			True Width		Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au	
149741	TR88-27	Grab			Mafic Blocks	Ch, Ca, Clay	SP, GA, PY, CP	Trench mineralized throughout, heavily clay alteration on joints	.11	.06	1.74	.25	.106	
942	"	Chip	1.10	?	"	"	"	"	.03	.06	.96	.19	.420	
943	"	"	1.36	?	"	"	"	"	.02	.13	.37	.17	.002	
944	"	"	0.75	?	"	"	"	"	.03	.04	.85	.09	.004	
945	"	"	0.70	?	"	"	"	"	.02	.02	1.20	.06	.002	
946	"	"	1.00	?	"	"	"	"	.05	.05	1.74	.19	.004	
947	TR88-28	Grab			Basalt Breccia	QZ / Ca	PY, SP, PR, AP, GA?	highly faulted zone with large breccia clasts	.02	.25	.50	1.24	.468	
948	"	Chip	0.70	0.70	Mineralized Pd	Cl / clay	PY > SP	heavily oxidized	.03	.10	.10	1.36	.708	
949	"	"	0.60	0.60	Fault Gouge	Cl / cl	oxidized sulfides	contains layers of oxidized sulfides	.05	.07	.12	.64	.428	
950	"	"	0.75	0.75	Mineralized Pd	Cl / clay	PY > SP	heavily oxidized	.06	.16	.11	1.78	.512	
245051	"	"	0.30	0.25	Fault Gouge	clay / cl	oxidized sulfides	contains layers of oxidized sulfides	.04	.04	.26	.26	.062	
052	"	"	0.30	0.35	Wacke Breccia	Cl, QZ / CA	PY >> PR, AR	well fractured and mineralized w/ QZ + CA	.02	.06	.56	.18	.010	
053	"	"	0.45	0.45	Fault Gouge	Clay / cl	oxidized sulfides?	(see above)	.03	.08	.27	.26	.012	
054	"	"	0.60	0.45	Wacke Breccia	Cl, QZ / CA	PY >> PR, AR	(see above)	.01	.04	.41	.12	.006	
055	"	"	0.45	0.40	Wacke Breccia	"	"	"	.02	.04	.33	.12	.010	
056	"	"	0.20	0.20	"	"	"	"	.02	.10	.47	.15	.006	
057	"	"	0.05	0.05	Fault Gouge	Clay / cl	"	no sulfides	.02	.04	.35	.10	.004	
058	"	"	0.20	0.15	Wacke Breccia	Cl, QZ / CA	PY >> PR, AR	(see above)	.02	.01	.35	.06	.002	
059	"	"	0.35	0.35	Fault Gouge	Clay / cl	"	no sulfides	0.01	.01	.18	.15	.002	
060	"	"	0.35	0.35	Wacke Breccia	Cl, QZ / CA	PY >> PR, AR	(see above)	0.01	.02	.17	.04	0.002	

Sampler Bruce Keizer

Project ING 82-01

Location Ref 746/1

Date Jul 26-30, 1988

Property L'HEA704

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width		DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS ^{oz/ton}					
			True	Width	Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au	
245061	TR88-29	Grab							.01	.06	1.41	.17	.004	
062	"	Chip	0.60	0.55	Mafic Wacke	CL + CA/QZ	PY >> SP + GA?	FW	.02	.01	.09	.04	<.002	
063	"	"	2.00	0.70	QZ.		SP > PY + CP?	Coarsely crystalline QZ very fine grained	<.01	.15	.93	.74	.006	
064	"	"	1.10	1.70	Mafic Wacke	CL + CA/QZ	PY > PR, SP?	HW, mod. to v. well altered	.01	.02	.06	.07	.008	
065	"	"	1.00	0.70	Mafic Wacke	CL + CA/QZ	PY + CP?, SP?	HW, weakly altered	.01	<.01	.01	.02	.002	
066	"	"	1.25	1.10	Mafic Wacke	"	"	- contains CL/QZ vein	.02	<.01	.01	.03	<.002	
067	"	"	1.10	0.35	Mafic Wacke	CL + CA/QZ	PY >> SP + GA?	FW	.02	.03	.27	.07	.002	
068	"	"	0.70	0.50	QZ.	-	SP > PY + CP?	Coarsely crystalline QZ.	.01	.10	.89	.60	.024	
069	TR88-30	"	1.00	0.70	Agglom.	CL	-		<.01	<.01	.01	<.01	<.002	
070	"	"	1.00	0.40	Agglom.	CL + CA	-	well altered zone	<.01	<.01	.01	<.01	<.002	
071	"	"	0.45	0.45	Agglom.	CL	-		<.01	<.01	<.01	<.01	<.002	
072	"	"	0.60	0.55	Agglom.	CL + CA, clay	PY + MG	- mineralization occurs as stringers - left side fault (?) zone	.02	<.01	<.01	.01	.024	
073	"	"	0.65	0.50	Agglom.	CL + CA	wisps MG	HW to mineralized zone	<.01	<.01	<.01	.01	<.002	
074	"	"	0.90	0.50	Agglom.	CL + CA/QZ	PY > CP or local sulfides	mineralized zone	.01	<.01	<.01	<.01	.002	
075	"	"	1.05	0.95?	"	CL + minor CA/QZ	PY + minor CP(?)	FW to mineralized zone	.01	<.01	.01	<.01	<.002	
076	"	"	1.00	0.90?	"	"	"	"	<.01	<.01	.01	<.01	<.002	
077	"	"	0.80	0.75	"	CL >> CA + QZ	disseminated PY	Right side Fault (?) zone	.02	<.01	.02	.01	.004	
078	"	"	0.45	0.40	"	CL	-	FW	.02	<.01	.01	.01	<.002	
079	"	"	0.30	0.25	"	CL + CA	wisps MG	HW to mineralized zone	.03	<.01	<.01	.02	<.002	
080	"	"	0.40	0.35	"	CL + CA/QZ	PY > CP local sulfides	mineralized zone	.33	<.01	.01	.17	<.002	

Sampler Bruce Kasper

Project TR 88-01

Location Ref Table 1

Date July 20 - August 7, 1988

Property VIRAP

Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width		DESCRIPTION			ADDITIONAL OBSERVATIONS	% ASSAYS					
			Sample Width	True Width	Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	As	
245081	TR88-30	Chip	1.10	0.55?	Agglom	CL + minor CA/QZ	PY + minor CP(?)	FW + mineralized zone - minor mineralization associated w/ coarse crystalline QZ vein	.01	<.01	.01	.01	<.002	
082	TR88-31	"	0.55	0.55	"	CL + QZ	CP > PY	Vein	.47	<.01	.02	.42	.447	
083	"	"	1.00	1.00	"	CL + minor CA	minor w/ys of CP	FW, mineralization occurs near vein in well altered ex.	.02	<.01	.03	.01	.028	
084	"	"	0.75	0.65	"	CL + QZ and minor CA	CP > PY	Vein	1.38	.02	.04	.95	.384	
085	"	"	0.95	0.95	"	CL + QZ CA vein/strongly	CP, PY	HW	.03	<.01	.02	.01	.004	
086	TR88-32	"	1.00	0.80	Agglom	CL >> CA	PY	FW	.01	<.01	.01	<.01	.002	
087	"	"	0.70	0.65	"	CL >> CA	PY + CP?	Vein (?) Zone	.01	<.01	.01	<.01	.002	
088	"	"	0.30	0.10	"	CL + minor CA	-	HW	<.01	<.01	.02	<.01	<.002	
089	TR88-33	"	1.00	0.45?	Agglom	CL + QZ/CA	LT Products	FW	<.01	<.01	.01	.01	<.002	
090	"	"	1.05	0.45?	"	CL + QZ/CA	LT Products	FW	.01	<.01	.02	.02	<.002	
091	"	"	0.70	0.15?	"	QZ + CL	PY >> CP LT Products	Mineralized zone -> QZ vein	.01	.06	.04	.46	.171	
092	"	"	1.00	0.90	Agglom	CL + minor CA	Blebs of PY + LT Products	HW	<.01	<.01	.01	.02	.006	
093	"	"	1.00	0.90?	"	CL + minor CA	LT PY	HW	<.01	<.01	.01	.01	<.002	
094	"	"	1.00	0.55?	"	CL + QZ/CA	LT Products	FW	.01	<.01	.02	.02	.012	
095	"	"	0.40	0.40?	"	CL + CL	PY >> CP LT Products	Mineralized zone -> QZ vein	.02	.05	.04	.16	.008	
096	"	"	1.00	0.40	Agglom	CL + minor CA	Blebs of PY + LT Products	HW	<.01	<.01	.02	.02	.001	
097	TR88-34	"	0.90	0.75?	"	CL + QZ	massive LT Products	Mineralized zone	<.01	<.01	.01	<.01	<.002	
098	"	"	0.55	0.70?	"	CL + QZ minor CA	LT Products	FW	<.01	<.01	.01	<.01	<.002	
099	"	"	1.00	0.80?	"	CL + QZ minor CA	LT Products	FW	<.01	<.01	.01	<.01	.002	
100	"	"	1.25	1.00?	"	CL + QZ	massive LT Products	Mineralized zone	<.01	<.01	.01	<.01	<.002	

APPENDIX D

CERTIFICATES OF ANALYSIS



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0121

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A8826110

Comments: ATTN: HENRY AWMAK

CERTIFICATE A8826110

EQUITY ENGINEERING LTD

PROJECT : TNG-88-04

P O # : NONE

Samples submitted to our lab in Vancouver, BC.

This report was printed on 5-NOV-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
207	104	Assay: Crush, split, pulv -150

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
398	104	Au oz/T: 1/2 assay ton	FA-AAS	0.002	20.00
385	104	Ag oz/T: Aqua regia digestion	AAS	0.01	20.0
301	104	Cu %: HClO4-HNO3 digestion	AAS	0.01	100.0
312	104	Pb %: HClO4-HNO3 digestion	AAS	0.01	100.0
316	104	Zn %: HClO4-HNO3 digestion	AAS	0.01	100.0

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 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: TNG88-01

Comments: ATTN: HENRY AWMACK

Page No. : 1
 Tot. Pages: 1
 Date : 11-JUL-88
 Invoice #: I-8818008
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818008

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
149751	207 ---	< 0.002	< 0.01	< 0.01	< 0.01	0.01					
149801	207 ---	0.006	0.01	< 0.01	< 0.01	0.01					
149802	207 ---	0.068	0.16	< 0.09	< 0.01	0.03					
149803	207 ---	0.002	0.01	< 0.01	< 0.01	< 0.01					
149804	207 ---	< 0.002	< 0.01	< 0.01	< 0.01	0.02					
149805	207 ---	0.002	0.03	0.04	< 0.01	0.01					
149806	207 ---	0.128	0.29	0.11	0.02	0.02					
149807	207 ---	2.122	2.07	1.58	0.03	0.03					
149808	207 ---	0.213	0.13	0.10	< 0.01	0.02					
149809	207 ---	1.768	1.49	0.96	0.01	0.01					
149810	207 ---	0.038	0.04	0.03	< 0.01	< 0.01					
149811	207 ---	0.034	0.05	0.11	< 0.01	< 0.01					
149812	207 ---	0.012	0.07	0.03	< 0.01	0.01					
149901	207 ---	0.152	0.15	0.07	< 0.01	0.01					
149902	207 ---	0.018	0.17	0.23	< 0.01	0.01					
149903	207 ---	0.006	0.01	< 0.01	< 0.01	< 0.01					
149904	207 ---	0.004	0.02	0.01	< 0.01	< 0.01					
149905	207 ---	0.004	0.05	0.03	< 0.01	< 0.01					
149906	207 ---	0.026	0.16	0.07	< 0.01	< 0.01					
149907	207 ---	0.018	0.09	0.05	< 0.01	< 0.01					

Henry Awmack



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 VANCOUVER, BC
 V6B 1N2

Project : TNG88-01

Comments: ATTN: HENRY AWACK

Page No. : 1
 Tot. Pages: 1
 Date : 12-JUL-88
 Invoice # : I-8818118
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8818118

SAMPLE DESCRIPTION	PREP CODE	Ag oz/T	Au oz/T	Cu %	Pb %	Zn %					
149752	207	--	< 0.04	< 0.002	< 0.05	< 0.01	< 0.01				
149753	207	---	< 0.01	< 0.002	< 0.01	< 0.01	< 0.01				
149754	207	---	< 0.01	0.004	< 0.01	< 0.01	0.01				
149755	207	---	0.23	0.708	0.17	< 0.01	0.02				
149756	207	---	< 0.01	0.008	0.02	< 0.01	0.01				
149757	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.02				
149758	207	---	0.06	0.002	0.20	< 0.01	0.01				
149813	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.02				
149814	207	---	0.15	0.008	0.03	< 0.01	< 0.01				
149815	207	---	< 0.01	< 0.002	< 0.01	< 0.01	< 0.01				
149816	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.02				
149817	207	---	< 0.01	< 0.002	0.01	< 0.01	0.01				
149818	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.01				
149819	207	---	< 0.01	< 0.002	< 0.01	< 0.01	< 0.01				
149820	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.01				
149821	207	---	< 0.01	< 0.002	< 0.01	< 0.01	< 0.01				
149822	207	---	0.12	0.024	0.01	0.02	0.01				
149823	207	---	0.04	< 0.002	< 0.01	0.02	< 0.01				
149824	207	---	0.04	0.022	0.03	< 0.01	0.02				
149825	207	---	0.47	0.279	< 0.01	< 0.01	0.01				
149826	207	---	< 0.01	< 0.002	< 0.01	< 0.01	< 0.01				
149827	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.01				
149828	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.01				
149829	207	---	0.10	< 0.002	0.24	< 0.01	0.01				
149830	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.04				
149908	207	---	< 0.01	< 0.002	< 0.01	< 0.01	< 0.01				
149909	207	---	< 0.01	< 0.002	< 0.01	< 0.01	< 0.01				
149910	207	---	0.06	0.004	0.04	< 0.01	0.90				
149911	207	---	0.01	< 0.002	< 0.01	< 0.01	0.02				
149912	207	---	< 0.01	< 0.002	< 0.01	< 0.01	0.01				
149913	207	---	0.01	< 0.002	0.01	< 0.01	0.01				
149914	207	---	0.29	0.006	0.10	< 0.01	0.02				

Handwritten signature: P. Stewart



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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0271

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: WARATAH TNG 88-01

Comments: ATTN: HENRY AMMACK

Page No. 1
Tot. Pages: 1
Date: 14-JUL-88
Invoice #: I-8818236
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818236

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag oz/T	Cu %	Pb %	Zn %				
149759	207 --	0.004	0.07	0.03	< 0.01	0.01				
149760	207 ---	< 0.002	< 0.03	0.01	< 0.01	0.01				
149761	207 ---	< 0.002	< 0.01	< 0.01	< 0.01	0.04				
149762	207 ---	0.004	< 0.01	< 0.01	< 0.01	< 0.01				
149763	207 ---	< 0.002	< 0.01	0.01	< 0.01	< 0.01				
149764	207 ---	< 0.002	< 0.01	< 0.01	< 0.01	< 0.01				
149765	207 ---	0.061	0.10	0.03	< 0.01	< 0.01				
149766	207 ---	0.010	0.04	< 0.01	< 0.01	< 0.01				
149831	207 ---	< 0.002	< 0.01	0.01	< 0.01	0.01				
149832	207 ---	0.002	< 0.01	0.03	< 0.01	< 0.01				
149833	207 ---	0.002	0.23	0.02	0.10	1.13				
149834	207 ---	< 0.002	0.09	0.01	0.03	0.03				
149835	207 ---	0.038	2.36	0.21	1.20	1.49				
149836	207 ---	0.028	0.33	< 0.01	0.06	0.71				

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION :



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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG88-01

Comments: ATTN: HENRY AWMAK

Page No. : 1
Tot. Pages: 1
Date : 15-JUL-88
Invoice #: 1-8818347
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818347

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %				
149767	207 --	0.002	0.03	0.01	< 0.01	0.01				
149768	207 --	< 0.002	< 0.01	< 0.01	< 0.01	0.02				
149837	207 --	0.004	0.35	0.02	0.15	0.35				
149838	207 --	0.020	0.15	0.03	0.06	0.42				
149839	207 --	0.002	0.27	< 0.01	0.25	0.87				
149840	207 --	0.002	0.01	< 0.01	< 0.01	0.02				
149841	207 --	0.024	0.10	0.13	< 0.01	0.01				
149842	207 --	0.004	0.02	0.03	< 0.01	0.01				
149843	207 --	0.058	5.83	0.01	1.03	1.89				
149851	207 --	0.020	0.09	< 0.01	< 0.01	0.03				
149915	207 --	0.014	0.04	< 0.01	< 0.01	< 0.01				
149916	207 --	0.008	0.04	0.03	< 0.01	0.01				
149917	207 --	0.006	< 0.01	0.01	< 0.01	< 0.01				
149918	207 --	0.038	0.04	0.03	< 0.01	< 0.01				
149919	207 --	0.034	1.41	0.04	1.28	13.90				
149920	207 --	0.002	0.02	< 0.01	0.01	0.15				
149921	207 --	0.002	0.23	0.02	0.18	1.04				



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 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: TNG 88-01
 Comments: ATTN: HENRY AWMAK

Page No. : 1
 Tot. Pages: 1
 Date : 25-JUL-88
 Invoice #: I-8818831
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818831

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %				
149770	207 --	0.008	0.02	< 0.01	< 0.01	0.01				
149771	207 --	< 0.002	0.02	0.02	< 0.01	0.01				
149772	207 --	0.004	0.01	0.01	< 0.01	< 0.01				
149773	207 --	0.012	0.12	0.07	< 0.01	< 0.01				
149774	207 --	0.004	0.25	0.44	< 0.01	< 0.01				
149922	207 --	< 0.002	0.04	0.02	< 0.01	< 0.01				
149923	207 --	< 0.002	0.02	0.01	< 0.01	< 0.01				
149924	207 --	0.753	4.62	0.04	5.24	17.90				
245005	207 --	0.064	0.26	0.01	0.15	0.59				

[Signature]



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To: EQUITY ENGINEERING LTD.

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 VANCOUVER, BC
 V6B 1N2

Project: TNG 88-01
 Comments: ATTN: HENRY AWACK

Page No.: 1
 Tot. Pages: 1
 Date: 27-JUL-88
 Invoice #: I-8819123
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8819123

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
149852	207	0.006	0.01	0.03	< 0.01	< 0.01					
149853	207	0.002	0.01	0.01	<< 0.01	0.01					
149925	207	0.002	0.01	0.01	< 0.01	0.01					
149926	207	0.018	0.32	0.16	< 0.02	0.10					
149927	207	0.002	0.03	0.01	< 0.01	0.03					
149928	207	0.006	0.06	0.03	< 0.01	0.06					
149929	207	0.056	0.79	0.44	< 0.01	0.08					
149930	207	0.002	0.06	0.02	< 0.01	0.02					
149931	207	0.022	0.25	0.04	< 0.01	0.03					
149932	207	0.002	0.02	0.02	< 0.01	0.03					
149933	207	0.060	0.16	0.06	< 0.01	0.03					
149934	207	0.002	0.02	0.01	< 0.01	0.02					
149935	207	0.750	1.57	0.13	< 0.01	0.02					
149936	207	0.006	0.04	0.02	< 0.01	0.03					
149937	207	0.012	0.01	0.01	< 0.01	0.03					
149938	207	0.866	1.45	0.20	< 0.01	0.02					
149939	207	0.018	0.07	0.02	< 0.01	0.03					
149940	207	0.215	2.24	0.43	< 0.02	0.05					

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212 BROOKSBANK AVE, NORTH VANCOUVER,
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406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG-88-01

Comments: ATTN: HENRY AWMAK

Page No. : 1
Tot. Pages: 1
Date : 3-AUG-88
Invoice #: I-8819715
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8819715

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Ag FA oz/T	Cu %	Pb %	Zn %					
149941	207 ---	0.106	0.25	0.11	0.06	1.74					
149942	207 ---	0.420	0.19	0.03	0.06	0.96					
149943	207 ---	0.002	0.17	0.02	0.13	0.37					
149944	207 ---	0.004	0.09	0.03	0.04	0.85					
149945	207 ---	0.002	0.06	0.02	0.02	1.20					
149946	207 ---	0.004	0.19	0.05	0.05	1.74					

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CERTIFICATION :

H. H. Amadio



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0224

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATT: HENRY AWMAK

Page No. 1
Tot. Pages: 1
Date: 11-AUG-88
Invoice #: I-8820215
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8820215

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %				
149854	207	0.002	0.03	0.01	<<	0.01	0.01			
149855	207	0.004	0.04	0.04	<<	0.01	0.01			
149947	207	0.468	1.24	0.02	<<	0.25	0.50			
149948	207	0.708	1.36	0.03	<<	0.10	0.10			
149949	207	0.428	0.64	0.05	<<	0.07	0.12			
149950	207	0.512	1.78	0.06	<<	0.16	0.11			
245051	207	0.062	0.26	0.04	<<	0.04	0.26			
245052	207	0.010	0.18	0.02	<<	0.06	0.56			
245053	207	0.012	0.26	0.03	<<	0.08	0.27			
245054	207	0.006	0.12	0.01	<<	0.04	0.41			
245055	207	0.010	0.12	0.02	<<	0.04	0.33			
245056	207	0.006	0.15	0.02	<<	0.10	0.47			
245057	207	0.004	0.10	0.02	<<	0.04	0.35			
245058	207	0.002	0.06	0.02	<<	0.01	0.35			
245059	207	0.002	0.05	<	<<	0.01	0.18			
245060	207	<	0.04	<	<<	0.02	0.17			
245061	207	0.004	0.17	0.01	<<	0.06	1.41			
245062	207	0.002	0.04	0.02	<<	0.01	0.09			
245063	207	0.006	0.74	<	<<	0.15	0.43			
245064	207	0.008	0.07	0.01	<<	0.02	0.06			
245065	207	0.002	0.02	0.01	<<	0.01	0.01			
245066	207	0.002	0.03	0.02	<<	0.01	0.01			
245067	207	0.002	0.07	0.02	<<	0.03	0.27			
245068	207	0.024	0.60	0.01	<<	0.10	0.89			



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 PHONE (604) 984-9221

EQ EQUITY ENGINEERING LTD

406 - 675 W. HASTINGS ST
 VANCOUVER, BC
 V6B 1N2

Project: TNG 88-01
 Comment: ATTN: HENRY AWMAK

Page No 1
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 Date 18-AUG-88
 Invoice # I-8820799
 P.O. # NONE

CERTIFICATE OF ANALYSIS A8820799

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %
149856	207	< 0.002	0.02	< 0.01	0.02	0.01
149857	207	0.006	0.07	0.03	0.01	0.01
149858	207	0.006	0.09	0.03	0.01	< 0.01
149859	207	0.002	0.01	0.01	< 0.01	0.01
149860	207	< 0.002	0.01	< 0.01	< 0.01	< 0.01
149861	207	< 0.002	< 0.01	< 0.01	< 0.01	0.01
245069	207	< 0.002	0.01	0.01	< 0.01	0.01
245070	207	< 0.002	0.01	< 0.01	< 0.01	0.01
245071	207	< 0.002	< 0.01	< 0.01	< 0.01	0.01
245072	207	0.024	0.01	0.02	< 0.01	< 0.01
245073	207	< 0.002	0.01	< 0.01	< 0.01	< 0.01
245074	207	0.002	0.01	0.01	< 0.01	0.01
245075	207	< 0.002	0.01	< 0.01	< 0.01	0.01
245076	207	0.002	0.01	< 0.01	< 0.01	0.01
245077	207	0.004	0.01	0.02	< 0.01	0.02
245078	207	< 0.002	0.01	0.02	< 0.01	0.01
245079	207	0.002	0.02	0.03	< 0.01	< 0.01
245080	207	0.002	0.17	0.33	< 0.01	0.01
245081	207	0.002	0.01	0.01	< 0.01	0.01
245082	207	0.447	0.42	0.47	< 0.01	0.02
245083	207	0.028	0.01	0.02	< 0.01	0.03
245084	207	0.384	0.95	1.38	0.02	0.04
245085	207	0.004	0.01	0.03	< 0.01	0.02
245086	207	0.002	< 0.01	0.01	< 0.01	0.01
245087	207	0.002	< 0.01	0.01	< 0.01	0.01
245088	207	< 0.002	< 0.01	< 0.01	< 0.01	0.02

Henry Awmak



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To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AMMACK

Page No.: 1
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Date: 27-AUG-88
Invoice #: I-8821158
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8821158

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %				
149779	207	0.002	< 0.01	0.02	0.01	0.02				
149780	207	0.002	< 0.01	0.02	0.01	0.02				
149781	207	< 0.002	< 0.01	0.02	0.01	0.01				
149782	207	< 0.002	< 0.01	0.02	< 0.01	0.01				
149783	207	< 0.002	< 0.01	0.01	< 0.01	0.01				
149784	207	0.032	0.01	< 0.01	< 0.01	< 0.01				
149785	207	0.100	0.12	< 0.06	< 0.01	< 0.01				
245089	207	< 0.002	0.01	< 0.01	< 0.01	0.01				
245090	207	< 0.002	0.02	0.01	< 0.01	0.02				
245091	207	0.171	0.46	0.01	0.06	0.04				
245092	207	0.006	0.02	< 0.01	< 0.01	0.01				
245093	207	< 0.002	0.01	< 0.01	< 0.01	0.01				
245094	207	0.012	0.02	0.01	< 0.01	0.02				
245095	207	0.008	0.16	0.02	0.05	0.04				
245096	207	0.004	0.02	< 0.01	< 0.01	0.02				
245097	207	< 0.002	< 0.01	< 0.01	< 0.01	0.01				
245098	207	0.002	< 0.01	< 0.01	< 0.01	0.01				
245099	207	0.002	< 0.01	< 0.01	< 0.01	0.01				
245100	207	< 0.002	< 0.01	< 0.01	< 0.01	0.01				
245101	207	< 0.002	< 0.01	< 0.01	< 0.01	0.01				
245102	207	0.006	< 0.01	< 0.01	< 0.01	0.01				

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PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AWACK

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Date: 7-SEP-88
Invoice #: I-8822269
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8822269

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %				
149862	207 --	0.002	0.05	0.02	0.02	0.03				

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To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-04

Comments: ATTN: HENRY AWMAK

Page No. : 2

Tot. Pages: 2

Date : 26-OCT-88

Invoice #: I-8825477

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8825477

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
245397	207	<< 0.002	0.03	<< 0.01	----	----					
245398	207	<< 0.002	0.03	<< 0.01	----	----					
245399	207	<< 0.002	0.03	<< 0.01	----	----					
245400	207	<< 0.002	0.02	<< 0.01	----	----					
352751	207	<< 0.002	0.03	<< 0.01	----	----					
352752	207	<< 0.002	0.03	<< 0.01	----	----					
352753	207	<< 0.002	0.03	<< 0.01	----	----					
352754	207	<< 0.002	0.02	<< 0.01	----	----					
352755	207	<< 0.002	0.03	< 0.02	----	----					
352756	207	<< 0.002	0.02	< 0.01	----	----					
352757	207	<< 0.002	0.04	<< 0.01	----	----					
352758	207	<< 0.002	0.03	<< 0.01	----	----					
352759	207	<< 0.002	0.04	<< 0.01	----	----					
352760	207	<< 0.002	0.03	<< 0.01	----	----					
352761	207	<< 0.006	0.13	<< 0.07	----	----					
352762	207	< 0.002	0.05	< 0.01	----	----					
352763	207	<< 0.002	0.07	<< 0.01	----	----					
352764	207	<< 0.002	0.04	<< 0.01	----	----					
352765	207	<< 0.002	< 0.01	<< 0.01	----	----					
352766	207	<< 0.002	0.02	<< 0.01	----	----					
352767	207	0.014	0.11	0.07	----	----					
352768	207	0.002	0.04	0.01	----	----					
352769	207	0.029	0.27	0.08	----	----					
352770	207	0.002	0.04	0.02	----	----					
352771	207	0.002	0.04	0.03	----	----					
358263	207	<< 0.002	< 0.01	< 0.01	< 0.01	< 0.01					
358264	207	<< 0.002	0.02	<< 0.02	<< 0.01	<< 0.01					
358265	207	<< 0.002	0.01	<< 0.01	<< 0.01	<< 0.01					
358266	207	0.004	0.01	<< 0.01	<< 0.01	< 0.01					
358267	207	0.002	0.01	<< 0.01	<< 0.01	< 0.01					
358268	207	< 0.002	<< 0.01	<< 0.01	<< 0.01	<< 0.01					
358269	207	< 0.002	<< 0.01	<< 0.01	<< 0.01	<< 0.01					



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IO: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: WARATAH TNG 88-04

Comments: ATTN: HENRY AWMACK

Page No. 1
Tot. Pages: 1
Date: 14-OCT-88
Invoice #: I-8824824
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8824824

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
149786	207	0.002	0.03	< 0.01	< 0.01	0.02					
149787	207	0.006	0.18	0.09	<< 0.01	0.03					
149788	207	0.042	0.10	0.03	<< 0.01	0.05					
149789	207	0.016	0.28	0.11	< 0.01	0.10					
149790	207	0.012	0.17	0.04	0.01	0.04					
149791	207	0.048	1.02	0.57	< 0.01	0.15					
245313	207	0.002	0.04	0.01	-----	-----					
245314	207	0.002	0.02	0.01	-----	-----					
245315	207	0.002	0.03	0.01	-----	-----					
245316	207	0.002	0.04	0.01	-----	-----					
245317	207	0.002	0.06	0.03	-----	-----					
245318	207	0.018	0.12	0.07	-----	-----					
245319	207	0.010	0.17	0.13	-----	-----					
245320	207	0.002	0.05	0.01	-----	-----					
245321	207	0.002	0.04	< 0.01	-----	-----					
245322	207	0.002	0.03	< 0.01	-----	-----					
245323	207	< 0.002	0.01	< 0.01	-----	-----					
245324	207	0.002	0.02	< 0.01	-----	-----					
245325	207	0.002	0.01	< 0.01	-----	-----					
245326	207	0.002	0.03	< 0.01	-----	-----					
245327	207	0.002	0.03	0.01	-----	-----					
245328	207	0.004	0.03	0.01	-----	-----					
245329	207	0.010	0.06	0.02	-----	-----					
245330	207	0.022	0.11	0.05	-----	-----					
245331	207	0.006	0.09	0.03	-----	-----					
245332	207	0.008	0.06	< 0.01	-----	-----					
245333	207	0.002	0.03	0.01	-----	-----					
245334	207	0.002	0.01	< 0.01	-----	-----					
245335	207	0.002	0.03	< 0.01	-----	-----					
245336	207	0.004	0.02	< 0.01	-----	-----					
245337	207	0.002	0.03	0.01	-----	-----					
245338	207	0.004	0.07	0.06	-----	-----					
245339	207	0.002	0.02	< 0.01	-----	-----					
358251	207	0.002	0.02	< 0.01	< 0.01	0.01					

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To: EQUITY ENGINEERING LTD

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: WARATAH TRG 8804

Comments: ATTN: HENRY AWMAK

Page No. 1
Tot. Pages. 2
Date: 18-OCT-88
Invoice #: 1-8825334
P.O. # NONE

CERTIFICATE OF ANALYSIS A8825334

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
245340	207	<< 0.002	< 0.04	< 0.01	-----	-----					
245341	207	<< 0.002	< 0.04	< 0.05	-----	-----					
245342	207	<< 0.002	< 0.01	< 0.02	-----	-----					
245343	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245344	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245345	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245346	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245347	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245348	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245349	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245350	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245351	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245352	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245353	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245354	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245355	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245356	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245357	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245358	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245359	207	< 0.015	< 0.10	< 0.11	-----	-----					
245360	207	< 0.090	< 0.17	< 0.08	-----	-----					
245361	207	< 0.009	< 0.11	< 0.15	-----	-----					
245362	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245363	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245364	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245365	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245366	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245367	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245368	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245369	207	<< 0.002	< 0.02	< 0.01	-----	-----					
245370	207	<< 0.004	< 0.07	< 0.05	-----	-----					
245371	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245372	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245373	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245374	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245375	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245376	207	<< 0.002	< 0.01	< 0.01	-----	-----					
245377	207	<< 0.002	< 0.01	< 0.01	-----	-----					
358252	207	<< 0.002	< 0.01	< 0.01	< 0.01	0.01					
358253	207	<< 0.002	< 0.02	< 0.01	< 0.01	0.15					

J. Swaiter



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To EQUITY ENGINEERING LTD.

406 -- 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : WARATAH TNG 8804

Comments: ATTN: HENRY AWMAK

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Date : 18-OCT-88
Invoice # : I-8825334
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CERTIFICATE OF ANALYSIS A8825334

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
358254	207 --	0.004	0.03	< 0.01	< 0.01	0.01					
358255	207 --	0.002	0.03	< 0.01	< 0.01	0.02					
358256	207 --	0.071	3.50	< 0.03	2.28	0.30					
358257	207 --	0.002	0.07	< 0.01	< 0.01	0.01					
358258	207 --	< 0.002	0.03	0.03	< 0.01	0.01					
358259	207 --	< 0.002	0.02	0.02	< 0.01	< 0.01					
358260	207 --	0.044	1.87	0.09	0.16	1.49					
358261	207 --	< 0.002	0.04	< 0.01	< 0.04	1.15					
358262	207 --	0.036	0.39	0.13	< 0.01	0.07					

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To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: TNG 88-04

Comments: ATTN: HENRY AWMAK

Page No.: 1
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 Date: 26-OCT-88
 Invoice #: 1-8825477
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8825477

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %				
149792	207 ---	0.002	0.04	0.01	0.01	0.18				
149793	207 ---	0.004	0.04	0.02	0.01	0.11				
149794	207 ---	< 0.002	0.03	0.02	< 0.01	0.03				
149795	207 ---	0.018	0.38	0.02	0.08	1.68				
149796	207 ---	< 0.002	0.03	0.02	< 0.01	0.03				
149797	207 ---	0.012	0.42	0.23	0.08	4.60				
149798	207 ---	0.002	0.07	0.02	0.03	0.85				
149799	207 ---	0.002	0.10	0.03	0.02	0.96				
149800	207 ---	0.148	2.74	0.04	1.54	0.52				
245103	207 ---	0.028	1.90	0.03	1.68	1.30				
245104	207 ---	0.008	0.20	0.02	0.17	0.57				
245105	207 ---	0.034	0.36	0.03	0.39	1.30				
245106	207 ---	0.024	0.32	0.03	0.28	0.57				
245107	207 ---	0.004	0.50	0.02	0.42	0.10				
245108	207 ---	0.038	3.38	0.03	4.12	1.86				
245109	207 ---	^ 0.002	0.04	^ 0.01	0.05	0.03				
245110	207 ---	^ 0.002	0.01	^ 0.01	0.02	0.02				
245111	207 ---	^ 0.002	0.03	^ 0.01	0.02	0.06				
245112	207 ---	^ 0.002	0.01	^ 0.01	0.06	0.15				
245113	207 ---	^ 0.002	0.01	^ 0.01	0.01	0.02				
245114	207 ---	^ 0.002	0.50	^ 0.01	0.24	0.01				
245378	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245379	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245380	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245381	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245382	207 ---	^ 0.002	0.03	^ 0.03	-----	-----				
245383	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245384	207 ---	^ 0.002	< 0.01	^ 0.01	-----	-----				
245385	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245386	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245387	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245388	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245389	207 ---	^ 0.002	0.01	^ 0.01	-----	-----				
245390	207 ---	0.002	0.03	0.01	-----	-----				
245391	207 ---	0.002	0.03	0.02	-----	-----				
245392	207 ---	< 0.002	0.03	0.10	-----	-----				
245393	207 ---	0.008	0.12	0.09	-----	-----				
245394	207 ---	0.040	0.51	0.15	-----	-----				
245395	207 ---	^ 0.002	0.03	0.01	-----	-----				
245396	207 ---	^ 0.002	0.01	0.01	-----	-----				



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406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-04

Comments: ATTN: HENRY AWMAK

Page No. : 3
Tot. Pages: 3
Date : 28-OCT-88
Invoice #: I-8825914
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8825914

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %					
352936	207 --	0.006	0.25	0.11	0.05	0.25					
352937	207 --	0.273	1.12	0.08	0.10	0.85					
352938	207 --	0.016	0.12	0.04	0.01	0.05					
352939	207 --	0.692	1.17	0.12	0.06	0.07					
352940	207 --	0.002	0.12	0.02	0.07	0.34					
352941	207 --	0.002	0.16	0.01	0.09	0.21					
352942	207 --	0.004	0.07	0.02	0.02	0.06					
352943	207 --	0.004	0.04	0.02	0.01	0.04					
352944	207 --	0.004	0.05	0.03	< 0.01	0.05					
352945	207 --	0.002	0.05	0.02	0.01	0.02					
352946	207 --	0.008	0.15	0.09	>> 0.01	0.01					
352947	207 --	0.004	0.04	0.01	>>> 0.01	0.01					
358270	207 --	0.022	0.15	0.01	>>> 0.01	0.03					
358271	207 --	0.002	< 0.01	>> 0.01	>> 0.01	0.01					
358272	207 --	0.002	0.03	>> 0.01	>> 0.01	0.01					
358273	207 --	0.125	0.47	0.04	0.04	0.02					

JP
V. Swales



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Comments: ATTN: HENRY AWMAK

A8818003

CERTIFICATE A8818003

EQUITY ENGINEERING LTD

PROJECT : TNG68-01

P O # : NONE

Samples submitted to our lab in Vancouver, BC.

This report was printed on 8-JUL-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
202	93	Dry, sieve -80 mesh, save reject

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	93	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2	93	Cu ppm: HNO ₃ -aqua regia digest	AAS	1	10000
4	93	Pb ppm: HNO ₃ -aqua regia digest	AAS-BKGD CORR	1	10000
5	93	Zn ppm: HNO ₃ -aqua regia digest	AAS	1	10000
6	93	Ag ppm: HNO ₃ -aqua regia digest	AAS-BKGD CORR	0.2	200
13	93	As ppm: HNO ₃ -aqua regia digest	AAS-HYDRIDE/EDL	1	10000
1000	1	Au check analysis		1	10000



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Page No. 1
Tot. Pages: 3
Date: 8-JUL-88
Invoice #: I-8818003
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818003

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Au check			
0+50W 0+25N	202	35	113	11	484	1.0	60	-----			
0+50W 0+50N	202	15	31	20	192	0.6	22	-----			
0+50W 0+75N	202	35	118	32	426	0.6	63	-----			
1+00W 0+25N	202	10	29	9	246	0.7	14	-----			
1+00W 0+50N	202	< 5	27	8	60	0.2	6	-----			
1+00W 0+75N	202	< 5	34	5	38	0.2	3	-----			
1+50W 0+25N	202	60	13	11	42	0.5	19	-----			
1+50W 0+50N	202	< 5	84	10	227	0.4	14	-----			
1+50W 0+75N	202	90	61	9	238	0.3	10	-----			
2+00W 0+25N	202	830	177	44	305	0.8	25	105			
2+00W 0+50N	202	< 5	59	30	262	0.3	22	-----			
2+00W 0+75N	202	< 5	126	21	364	0.7	50	-----			
2+50W 0+25N	202	5	660	108	332	0.5	70	-----			
2+50W 0+50N	202	< 5	86	26	81	0.7	23	-----			
2+50W 0+75N	202	< 5	27	13	73	0.6	15	-----			
3+00W 0+25N	202	< 5	30	14	78	0.7	14	-----			
3+00W 0+50N	202	< 5	20	6	57	0.8	9	-----			
3+00W 0+75N	202	< 5	22	19	84	1.0	17	-----			
3+50W 0+25N	202	< 5	38	8	52	1.6	23	-----			
3+50W 0+50N	202	380	68	29	130	1.0	32	-----			
3+50W 0+75N	202	< 5	53	46	119	0.6	170	-----			
4+00W 0+25N	202	< 5	142	27	181	1.1	77	-----			
4+00W 0+50N	202	< 5	69	13	246	1.0	41	-----			
4+00W 0+75N	202	< 5	46	14	100	0.9	20	-----			
4+50W 0+25N	202	115	47	10	234	0.8	15	-----			
4+50W 0+50N	202	< 5	234	47	402	0.2	60	-----			
4+50W 0+75N	202	< 5	21	9	261	0.5	12	-----			
5+00W 0+25N	202	10	79	36	170	1.0	38	-----			
5+00W 0+50N	202	< 5	32	10	152	0.3	23	-----			
5+00W 0+75N	202	< 5	94	10	126	0.2	16	-----			
1+50W 0+25S	202	< 5	41	10	192	0.5	14	-----			
2+00W 0+25S	202	< 5	32	6	124	1.1	7	-----			
2+00W 0+50S	202	< 5	35	12	217	0.1	16	-----			
2+50W 0+25S	202	< 5	25	6	63	0.2	7	-----			
2+50W 0+50S	202	< 5	8	7	17	0.1	3	-----			
3+00W 0+25S	202	< 5	26	9	150	0.5	12	-----			
3+00W 0+50S	202	< 5	20	13	131	0.2	12	-----			
3+00W 0+75S	202	< 5	10	8	39	0.3	11	-----			
3+50W 0+25S	202	< 5	52	13	166	2.9	12	-----			
3+50W 0+50S	202	135	81	24	263	1.0	35	-----			

CERTIFICATION :

Henry Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 964-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Comments: ATTN: HENRY AWMACK

Page No. 2
Tot. Pages: 3
Date: 8-JUL-88
Invoice #: I-8818003
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818003

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Au check			
4+00W 0+25S	202	--	220	59	2	134	0.4	12	-----		
4+00W 0+50S	202	--	< 5	18	4	73	0.5	6	-----		
4+00W 0+75S	202	--	< 5	19	14	96	0.7	17	-----		
4+00W 1+25S	202	--	< 5	34	10	101	0.4	15	-----		
4+00W 1+50S	202	--	60	83	17	136	0.7	27	-----		
4+00W 1+75S	202	--	< 5	30	4	43	0.7	7	-----		
4+50W 0+25S	202	--	< 5	15	13	115	0.7	12	-----		
4+50W 0+50S	202	--	< 5	171	5	235	0.6	22	-----		
4+50W 0+75S	202	--	130	192	53	253	0.8	69	-----		
4+50W 1+25S	202	--	< 5	157	70	367	0.7	75	-----		
4+50W 1+50S	202	--	< 5	57	10	182	0.7	20	-----		
4+50W 1+75S	202	--	< 5	14	11	54	0.7	16	-----		
5+00W 0+25S	202	--	930	111	13	202	1.0	48	-----		
5+00W 0+50S	202	--	< 5	76	7	120	0.1	16	-----		
5+00W 0+75S	202	--	45	31	27	63	1.0	14	-----		
5+00W 1+25S	202	--	10	82	10	132	0.2	7	-----		
5+00W 1+50S	202	--	60	107	50	193	4.2	110	-----		
5+00W 1+75S	202	--	< 5	50	14	351	0.7	19	-----		
5+50W 0+25S	202	--	5	23	14	180	0.2	17	-----		
5+50W 0+50S	202	--	15	52	11	163	0.6	15	-----		
5+50W 0+75S	202	--	140	81	30	88	0.2	24	-----		
5+50W 1+25S	202	--	115	37	18	78	0.6	15	-----		
5+50W 1+50S	202	--	10	91	26	251	0.3	27	-----		
5+50W 1+75S	202	--	5	101	11	275	0.2	27	-----		
6+00W 0+25S	202	--	1450	70	16	70	0.3	9	-----		
6+00W 0+50S	202	--	5	36	15	193	0.5	14	-----		
6+00W 0+75S	202	--	10	44	15	191	0.2	17	-----		
6+00W 1+25S	202	--	< 5	18	11	114	0.4	11	-----		
6+00W 1+50S	202	--	< 5	34	11	192	0.3	14	-----		
6+00W 1+75S	202	--	< 5	24	12	190	0.6	15	-----		
6+00W 2+25S	202	--	< 5	10	14	45	0.3	12	-----		
6+00W 2+50S	202	--	5	36	14	109	0.5	19	-----		
6+00W 2+75S	202	--	5	28	9	69	0.2	22	-----		
6+50W 0+25S	202	--	5	147	3	218	0.1	6	-----		
6+50W 0+50S	202	--	10	120	5	87	0.4	4	-----		
6+50W 0+75S	202	--	10	47	6	61	0.1	5	-----		
6+50W 1+25S	202	--	< 10	22	9	98	0.2	16	-----		
6+50W 1+50S	202	--	< 5	37	8	93	0.2	9	-----		
6+50W 1+75S	202	--	< 10	123	6	307	0.7	10	-----		
6+50W 2+25S	202	--	< 5	34	18	125	1.7	30	-----		

Henry Awmack

CERTIFICATION :



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA CANADA V7J-1C

PHONE (604) 964-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Comments: ATTN: HENRY AWMAK

Page No. 3
Tot. Pages: 3
Date: 8-JUL-88
Invoice #: 1-8818003
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818003

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm	Au check			
6+50W 2+50S	202	< 5	210	10	306	0.6	7	-----			
7+00W 0+25S	202	40	117	20	130	0.4	11	-----			
7+00W 0+50S	202	5	10	10	35	0.2	6	-----			
7+00W 0+75S	202	10	39	10	227	0.5	12	-----			
7+00W 1+25S	202	< 5	53	11	133	0.2	14	-----			
7+00W 1+50S	202	< 5	27	7	107	0.1	5	-----			
7+00W 1+75S	202	10	43	25	372	0.5	23	-----			
7+50W 0+25S	202	< 5	46	9	101	0.3	9	-----			
7+50W 0+50S	202	< 5	37	51	129	0.4	11	-----			
7+50W 0+75S	202	< 5	67	6	53	0.2	9	-----			
7+50W 1+25S	202	< 5	19	12	139	0.1	14	-----			
7+50W 1+50S	202	25	163	55	194	1.4	67	-----			
7+50W 1+75S	202	< 5	38	12	148	0.3	30	-----			

Henry Awmak

CERTIFICATION :



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 211 BROOKSBANK AVE. NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: WARATAH TNG 88-01
 Comments: ATTN: HENRY AWMAK

Page No. 1
 Tot. Pages: 6
 Date: 13-JUL-88
 Invoice #: I-8818230
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818230

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
4+50W 4+50S	202	< 5	119	12	168	0.6	7				
4+50W 4+75S	202	< 5	25	12	65	1.1	10				
4+50W 5+25S	202	5	34	11	91	1.1	9				
4+50W 5+50S	202	10	25	13	121	0.8	10				
4+50W 5+75S	202	10	32	8	73	1.9	11				
5+00W 4+50S	202	< 5	19	7	40	0.6	6				
5+00W 4+75S	202	10	66	7	67	0.6	17				
5+00W 5+25S	202	25	149	89	510	1.2	23				
5+00W 5+50S	202	80	145	50	375	1.8	6				
5+00W 5+75S	202	10	94	12	235	0.9	60				
5+50W 4+50S	202	< 5	19	18	70	0.7	12				
5+50W 4+75S	202	< 20	45	16	82	0.8	12				
5+50W 5+25S	202	< 5	44	80	250	1.0	12				
5+50W 5+50S	202	< 5	56	49	143	0.8	10				
5+50W 5+75S	202	20	39	15	74	2.0	9				
6+00W 4+50S	202	< 15	8	13	32	1.1	4				
6+00W 4+75S	202	< 5	47	18	42	1.3	9				
6+00W 5+25S	202	< 5	44	13	110	1.5	11				
6+00W 5+50S	202	< 5	48	9	370	2.0	6				
6+00W 5+75S	202	10	13	25	74	0.8	9				
7+00W 2+25S	203	< 5	18	22	189	0.6	24				
7+00W 2+50S	202	< 5	17	12	104	0.6	7				
7+00W 2+75S	202	30	17	9	52	0.3	3				
7+50W 2+25S	202	105	64	15	530	0.7	35				
7+50W 2+50S	202	130	162	245	610	1.1	33				
7+50W 2+75S	202	< 5	103	13	175	0.6	15				
7+50W 3+25S	202	10	25	14	142	0.7	11				
7+50W 3+50S	202	10	25	14	160	0.7	11				
7+50W 3+75S	202	< 5	32	14	107	0.6	14				
8+00W 0+25S	202	< 5	23	11	142	0.5	11				
8+00W 0+50S	202	< 5	21	6	61	0.5	5				
8+00W 0+75S	202	< 5	73	1	151	0.4	5				
8+00W 1+25S	202	< 5	121	6	107	0.6	9				
8+00W 1+50S	202	10	59	7	213	0.7	10				
8+00W 1+75S	202	20	20	10	35	1.0	12				
8+00W 2+25S	202	10	113	17	153	0.8	15				
8+00W 2+50S	202	< 5	131	17	194	0.5	14				
8+00W 2+75S	202	< 5	78	7	185	0.5	10				
8+00W 3+25S	202	< 10	60	25	222	0.6	6				
8+00W 3+50S	202	< 5	50	5	100	0.5	3				

CERTIFICATION

Hart Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 BROOKSBANK AVE. NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: WARATAH TNG 88-01
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SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
8+00W 3+75S	202	< 5	42	12	84	0.4	6				
8+00W 4+00S	202	10	50	27	127	0.1	14				
8+50W 1+25S	202	< 5	70	4	155	0.6	6				
8+50W 1+50S	202	< 5	77	7	127	0.2	9				
8+50W 1+75S	202	5	18	7	50	0.2	5				
8+50W 2+25S	202	<< 5	45	10	58	0.3	14				
8+50W 2+50S	202	<< 5	18	21	65	0.1	17				
8+50W 2+75S	202	<< 5	50	16	167	0.5	14				
8+50W 3+25S	202	<< 5	36	5	129	0.1	5				
8+50W 3+50S	202	<< 5	34	6	124	0.1	7				
8+50W 3+75S	202	< 5	38	2	151	0.2	5				
10+50W 10+00S	202	< 5	8	9	65	0.1	9				
10+50W 10+25S	202	5	33	13	209	0.1	11				
10+50W 10+50S	202	25	41	10	107	0.5	11				
10+50W 10+75S	202	20	64	5	69	0.3	12				
11+00W 8+50S	202	<< 5	33	3	68	0.1	5				
11+00W 8+75S	202	<< 5	98	5	82	0.4	6				
11+00W 9+25S	202	<< 5	71	4	59	0.3	6				
11+00W 9+50S	202	< 5	34	13	183	0.3	11				
11+00W 9+75S A	202	45	106	9	138	1.0	10				
11+00W 9+75S	202	20	84	21	147	0.2	9				
11+00W 10+25S	202	<< 5	13	21	52	0.1	9				
11+00W 10+50S	202	<< 5	44	12	135	0.1	11				
11+00W 10+75S	202	35	26	6	113	0.1	6				
11+50W 8+50S	202	5	52	5	97	0.1	6				
11+50W 8+75S	202	40	57	2	92	0.3	6				
11+50W 9+25S	202	25	147	3	92	0.5	6				
11+50W 9+50S	202	< 5	42	1	117	0.1	4				
11+50W 9+75S A	202	< 5	77	4	59	1.3	7				
11+50W 9+75S	202	< 5	24	14	124	0.2	10				
11+50W 10+25S	202	<<< 5	103	6	121	0.1	7				
11+50W 10+50S	202	<< 5	50	16	163	0.4	9				
11+50W 10+75S	202	<< 5	91	10	182	0.1	11				
13+00W 7+25S	202	<< 5	31	11	130	0.1	7				
13+00W 7+50S	202	<< 5	33	15	82	0.7	22				
13+00W 7+75S A	202	< 5	16	16	113	0.1	10				
13+00W 7+75S	202	< 5	31	4	144	0.8	6				
13+00W 8+50S	202	< 5	35	5	47	0.1	3				
13+00W 8+75S	202	< 5	14	10	42	0.6	6				
13+00W 9+25S	202	20	26	4	52	0.4	4				

CERTIFICATION : Hart Buchler



Chemex Labs Ltd.

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BRITISH COLUMBIA, CANADA V7J-2C1

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VANCOUVER, BC
V6B 1N2

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13+00W 9+50S	202	40	8	7	18	0.2	4				
13+00W 9+75S A	202	15	20	7	92	0.1	7				
13+00W 9+75S	202	50	99	102	470	0.2	11				
13+00W 10+25S	202	5	5	3	34	0.1	4				
13+00W 10+50S	202	15	28	8	165	0.1	9				
13+00W 10+75S	202	< 5	25	1	109	0.1	5				
13+50W 7+25S	202	< 5	26	13	108	0.1	11				
13+50W 7+50S	202	< 5	21	15	143	0.1	15				
13+50W 7+75S A	202	< 5	22	16	94	1.6	9				
13+50W 7+75S	202	10	56	7	66	0.7	6				
13+50W 8+50S	202	15	59	30	500	0.7	29				
13+50W 8+75S	202	5	18	39	92	0.3	9				
13+50W 9+25S	202	< 5	9	17	59	0.4	10				
13+50W 9+50S	202	275	27	19	84	1.0	7				
13+50W 9+75S A	202	10	20	14	124	0.2	10				
13+50W 9+75S	202	< 10	74	10	59	0.6	9				
13+50W 10+25S	202	< 5	49	16	130	0.1	9				
13+50W 10+50S	202	75	46	15	220	0.7	12				
13+50W 10+75S	202	20	48	21	151	0.6	11				
14+00W 7+25S	202	< 5	21	16	121	0.1	12				
14+00W 7+50S	202	5	20	10	49	0.1	9				
14+00W 7+75S A	202	15	81	14	240	1.4	11				
14+00W 7+75S	202	20	89	13	150	0.3	11				
14+00W 8+50S	202	30	66	4	81	0.2	15				
14+00W 8+75S	202	20	126	214	1030	0.1	11				
14+00W 9+25S	202	< 5	50	10	110	0.1	7				
14+00W 9+50S	202	< 5	42	15	160	0.2	11				
14+00W 9+75S A	202	20	120	29	130	1.6	15				
14+00W 9+75S	202	5	27	16	106	0.5	20				
14+00W 10+25S	202	10	31	13	178	0.7	11				
14+00W 10+50S	202	20	64	7	179	0.5	7				
14+00W 10+75S	202	35	185	12	149	0.8	22				
14+50W 7+25S	202	< 5	21	5	45	0.1	6				
14+50W 7+50S	202	< 5	21	12	170	0.1	10				
14+50W 7+75S A	202	15	64	7	139	0.9	6				
14+50W 7+75S	202	< 5	36	18	145	0.5	12				
14+50W 8+50S	202	< 5	12	13	87	0.1	6				
14+50W 8+75S	202	300	34	15	141	1.5	14				
14+50W 9+25S	202	< 10	79	10	226	0.1	10				
14+50W 9+50S	202	< 5	65	5	144	0.1	6				

CERTIFICATION

Hart Buehler



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: WARATAH TNG 88-01
 Comments: ATTN: HENRY AWMACK

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 Invoice # : I-8818230
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8818230

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
14+50W 9+75S A	202	--	85	83	77	277	1.9	48			
14+50W 9+75S	202	--	< 5	42	16	265	0.2	11			
14+50W 10+25S	202	--	110	61	32	255	0.1	75			
14+50W 10+50S	202	--	35	146	136	630	0.4	80			
14+50W 10+75S	202	--	65	35	16	92	1.2	10			
15+00W 7+25S	202	--	< 5	51	4	69	0.1	6			
15+00W 7+50S	202	--	180	53	171	195	0.4	32			
15+00W 7+75S A	202	--	230	136	18	130	0.7	12			
15+00W 7+75S	202	--	25	196	4	153	0.2	9			
15+00W 8+50S	202	--	< 5	47	11	123	2.9	12			
15+00W 8+75S	202	--	< 5	13	9	38	0.5	9			
15+00W 9+25S	202	--	< 5	78	5	188	0.3	17			
15+00W 9+50S	202	--	< 5	82	12	177	0.1	7			
15+00W 9+75S A	202	--	< 5	25	9	77	0.3	11			
15+00W 9+75S	202	--	< 5	32	10	78	0.1	11			
15+00W 10+25S	202	--	< 5	6	1	22	0.6	6			
15+00W 10+50S	202	--	< 5	24	13	82	1.2	19			
15+00W 10+75S	202	--	20	9	14	123	0.7	12			
15+50W 9+25S	202	--	610	18	8	29	0.2	7			
15+50W 9+50S	202	--	75	137	125	375	1.4	51			
15+50W 9+75S A	202	--	< 5	54	28	237	0.8	9			
15+50W 9+75S	202	--	30	15	18	58	0.4	7			
15+50W 10+25S	202	--	< 20	58	8	100	0.4	5			
15+50W 10+50S	202	--	< 5	39	14	240	0.6	10			
15+50W 10+75S	202	--	< 5	15	15	69	0.6	7			
16+00W 10+25S	202	--	< 5	31	50	435	0.9	9			
16+00W 10+50S	202	--	< 5	7	11	48	0.5	6			
16+00W 10+75S	202	--	20	21	13	159	0.4	14			
4+00S 3+25W	202	--	< 25	30	10	101	0.2	9			
4+00S 3+50W	202	--	< 5	110	9	133	0.3	6			
4+00S 3+75W	202	--	< 5	47	25	175	0.8	25			
4+00S 4+00W	202	--	10	42	20	162	2.7	19			
4+00S 4+25W	202	--	10	20	18	162	0.2	14			
4+00S 4+50W	202	--	30	53	14	175	0.1	10			
4+00S 4+75W	202	--	30	26	15	88	0.3	10			
4+00S 5+00W	202	--	70	74	21	92	1.8	11			
4+00S 5+25W	202	--	10	42	81	93	1.1	5			
4+00S 5+50W	202	--	10	20	13	63	0.2	14			
4+00S 5+75W	217	--	< 5	2	2	16	0.2	5			
4+00S 7+75W	217	--	< 5	161	16	430	0.7	14			

CERTIFICATION : *Henry Awmack*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 BROOKSBANK AVE. NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: WARATAH TNG 88-01
 Comments: ATTN: HENRY AWMACK

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 Invoice #: I-8818230
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CERTIFICATE OF ANALYSIS A8818230

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
4+00S 8+2.5W	202	< 5	37	12	125	0.2	10				
4+00S 8+5.0W	202	< 5	16	8	55	0.1	7				
4+00S 8+7.5W	202	< 5	47	15	205	0.2	10				
8+00S 10+7.5W	202	< 5	128	9	204	0.7	10				
8+00S 11+0.0W	202	20	81	11	110	0.3	17				
8+00S 11+2.5W	202	15	52	10	68	0.9	10				
8+00S 11+5.0W	202	40	75	4	119	0.3	7				
8+00S 11+7.5W	202	35	24	6	84	0.2	9				
8+00S 12+0.0W	202	< 5	37	14	172	0.2	12				
8+00S 12+2.5W	202	< 5	15	8	49	0.4	12				
8+00S 12+5.0W	202	< 5	13	15	80	0.4	10				
8+00S 12+7.5W	202	< 5	15	13	108	1.2	10				
8+00S 13+0.0W	202	< 5	32	50	132	0.6	11				
8+00S 13+2.5W	202	< 5	31	37	105	0.3	16				
8+00S 13+5.0W	202	15	46	12	86	1.0	27				
8+00S 13+7.5W	202	280	67	5	73	0.7	12				
8+00S 14+0.0W	202	275	86	31	170	0.3	9				
8+00S 14+2.5W	202	30	16	13	38	0.3	6				
8+00S 14+5.0W	202	< 10	31	12	164	2.1	12				
8+00S 14+7.5W	202	< 5	25	11	116	0.3	14				
8+00S 15+0.0W	202	< 10	8	12	15	0.1	11				
10+00S 10+7.5W	202	< 5	7	10	88	0.1	6				
10+00S 11+0.0W	202	10	85	13	160	1.5	16				
10+00S 11+2.5W	202	175	146	14	355	0.5	14				
10+00S 11+5.0W	202	< 5	50	16	150	0.7	10				
10+00S 11+7.5W	202	< 5	11	12	54	0.4	12				
10+00S 12+0.0W	202	< 5	45	7	63	0.4	6				
10+00S 12+2.5W	202	< 5	14	11	78	0.5	14				
10+00S 12+5.0W	202	< 5	18	6	122	0.1	4				
10+00S 12+7.5W	202	10	23	7	38	0.1	3				
10+00S 13+0.0W	202	300	120	17	220	1.8	3				
10+00S 13+2.5W	202	30	64	12	165	0.4	5				
10+00S 13+5.0W	202	15	39	13	72	0.3	10				
10+00S 13+7.5W	202	< 5	48	17	170	0.4	3				
10+00S 14+0.0W	202	< 5	122	16	179	0.4	10				
10+00S 14+2.5W	202	< 5	11	11	103	0.3	6				
10+00S 14+5.0W	202	< 5	17	15	113	0.5	14				
10+00S 14+7.5W	202	< 5	38	5	107	0.6	11				
10+00S 15+0.0W	202	< 5	37	16	146	0.2	24				
10+00S 15+2.5W	202	< 5	17	17	180	0.9	11				

CERTIFICATION:

Henry Awmack



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-9221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: WARATAH TNG 88-01
Comments: ATTN: HENRY AWMAK

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CERTIFICATE OF ANALYSIS A8818230

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
10+00S 15+50W	202 --	25	146	27	455	0.5	14				
10+00S 15+75W	202 --	465	139	132	760	1.7	55				
10+00S 16+00W	202 --	< 5	23	27	280	1.7	12				

CERTIFICATION :

Harry Bickler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AMMACK

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CERTIFICATE OF ANALYSIS A8818819

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm
0+00 0+25E	202	15	22	1	57	0.2	6
0+00 0+50E	202	50	65	10	139	0.2	11
0+00 0+75E	202	35	72	26	394	1.3	22
0+00 1+00E	202	35	87	11	255	3.7	22
0+00 1+25E	202	15	61	9	181	3.0	15
0+00 1+50E	202	30	59	1	113	0.5	9
0+00 1+75E	202	10	33	5	57	0.6	12
0+00 2+00E	202	125	25	1	139	0.7	11
0+00 2+25E	202	125	79	13	178	0.6	30
0+00 2+50E	202	55	74	8	239	1.0	14
0+00 2+75E	202	70	80	9	225	1.0	19
0+00 3+00E	202	5	32	4	85	0.7	6
0+00 3+25E	202	< 5	146	3	135	0.5	11
0+00 3+50E	202	< 10	139	11	208	0.6	51
0+00 3+75E	202	< 5	13	7	105	0.5	9
0+00 4+00E	202	5	92	5	227	0.7	27
0+00 4+25E	202	15	15	11	80	1.1	4
0+00 4+50E	202	5	64	14	202	1.3	11
0+00 4+75E	202	< 5	22	15	122	0.6	11
0+00 5+00E	202	5	23	11	175	1.2	15
2+00S 9+25N	202	< 10	9	14	25	0.1	3
2+00S 9+50N	202	< 5	23	14	211	0.4	10
2+00S 9+75N	202	< 5	21	14	110	0.5	12
2+00S 10+00N	202	< 5	12	9	22	0.5	4
2+00S 10+25N	202	5	48	6	129	0.5	7
2+00S 10+50N	202	< 5	30	9	138	0.8	6
2+00S 10+75N	202	< 5	57	10	319	0.4	11
2+00S 11+00N	202	< 5	44	12	316	0.4	6
2+00S 11+25N	202	< 5	31	14	175	0.8	9
2+00S 11+50N	202	< 5	38	17	73	0.5	4
2+00S 11+75N	202	< 5	134	9	163	0.4	4
2+00S 12+00N	202	< 5	26	8	200	0.1	7
2+00S 12+25N	202	< 5	18	10	51	0.3	15
2+00S 12+50N	202	< 5	31	9	71	0.2	5
2+00S 12+75N	202	< 5	32	4	84	1.1	3
6+00S 9+25W	202	5	18	8	69	0.5	5
6+00S 9+50W	202	5	22	11	253	0.9	7
6+00S 9+75W	202	5	156	15	170	0.3	6
6+00S 10+00W	202	5	27	15	99	0.3	6
6+00S 10+25W	202	5	36	11	114	0.3	5

RIDGE GRID B.L.

CERTIFICATION

Hart Buehler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

112 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AWMAK

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CERTIFICATE OF ANALYSIS A8818819

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
6+00S 10+50W	217	---	5	7	2	24	0.5	4			
6+00S 10+75W	202	---	5	62	5	74	0.2	7			
6+00S 11+00W	202	---	<	30	11	100	0.5	9			
6+00S 11+25W	202	---	<	25	13	128	0.4	12			
6+00S 11+50W	202	---	5	48	7	110	0.2	4			
6+00S 11+75W	202	---	<	42	20	170	0.9	14			
6+00S 12+00W	202	---	<	16	13	72	1.8	9			
6+00S 12+25W	202	---	5	50	10	86	0.3	6			
6+00S 12+50W	202	---	<	11	7	29	0.1	3			
6+00S 12+75W	202	---	10	29	12	151	0.5	11			
6+00S 13+00W	202	---	<	30	15	64	0.2	6			
6+00S 13+25W	202	---	<	28	19	76	1.1	14			
6+00S 13+50W	202	---	<	20	5	45	0.1	5			
6+00S 13+75W	202	---	5	25	9	114	0.4	9			
6+00S 14+00W	202	---	<	14	6	25	0.1	4			
6+00S 14+25W	202	---	5	21	5	21	0.1	4			
6+00S 14+50W	202	---	<	46	10	178	0.1	14			
6+00S 14+75W	202	---	10	87	5	206	0.1	7			
6+00S 15+00W	202	---	10	75	6	216	0.1	9			
6+00S 15+25W	202	---	5	17	12	123	0.3	11			
6+00S 15+50W	202	---	10	67	14	139	0.1	10			
8+00S 9+25W	202	---	580	98	17	106	2.0	6			
8+00S 9+50W	202	---	5	17	15	110	0.9	11			
8+00S 9+75W	202	---	60	190	46	225	1.3	22			
8+00S 10+00W	202	---	310	193	8	770	2.4	10			
8+00S 10+25W	202	---	5	24	14	135	0.5	10			
8+00S 10+50W	202	---	110	42	3	78	0.6	5			
10+00S 9+25W	202	---	40	236	7	125	4.7	12			
10+00S 9+50W	202	---	40	74	5	176	1.1	5			
10+00S 9+75W	202	---	<	20	11	105	0.3	12			
10+00S 10+00W	202	---	5	16	11	121	0.3	11			
10+00S 10+25W	202	---	5	20	14	237	0.2	11			
12+00S 10+00W	202	---	85	122	12	115	0.7	10			
12+00S 10+25W	202	---	185	40	8	71	0.6	7			
12+00S 10+50W	202	---	15	38	15	163	0.6	11			
12+00S 10+75W	202	---	45	85	11	201	0.5	11			
12+00S 11+50W	202	---	30	64	15	288	1.4	10			
12+00S 11+75W	202	---	40	142	7	182	0.6	9			
12+00S 12+00W	202	---	60	44	10	96	1.0	9			
12+00S 12+25W	202	---	5	6	4	104	0.5	3			

CERTIFICATION :

Henry Awmak



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AWMAK

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CERTIFICATE OF ANALYSIS A8818819

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm					
12+00S 13+00W	202	20	124	20	128	0.9	17					
12+00S 13+25W	202	< 5	61	4	130	1.1	5					
12+00S 13+50W	202	10	50	24	122	1.0	41					
12+00S 13+75W	202	5	42	14	91	0.4	7					
12+00S 14+00W	202	35	46	15	161	0.3	9					
12+00S 14+25W	202	130	54	24	490	0.6	6					
12+00S 14+50W	202	< 5	44	24	167	0.7	12					
12+00S 14+75W	202	< 5	24	11	50	0.3	3					
12+00S 15+00W	202	< 5	14	10	49	0.2	3					
12+00S 15+25W	202	< 5	7	13	55	0.4	5					
12+00S 15+50W	202	< 5	8	21	56	0.5	11					
12+00S 15+75W	202	< 10	21	21	137	0.8	11					
12+00S 16+00W	202	< 5	22	16	188	0.5	15					
12+00S 16+25W	202	< 5	17	17	83	0.5	7					
12+00S 16+50W	202	10	43	9	139	0.4	5					
12+00S 16+75W	202	< 5	18	19	96	0.8	12					
12+00S 17+00W	202	10	62	10	206	1.3	7					
12+00S 17+25W	202	10	27	12	76	1.3	19					
12+00S 17+50W	202	5	8	7	151	0.1	12					
12+00S 17+75W	202	15	54	13	189	0.3	12					
20+00S 21+00W	202	45	105	4	133	1.0	29					
20+00S 21+25W	202	50	109	5	144	0.8	29					
20+00S 21+50W	202	130	68	27	164	0.8	39					
20+00S 21+75W	202	25	47	5	79	0.8	15					
20+00S 22+00W	202	30	86	16	167	1.0	33					
20+00S 22+25W	202	60	94	8	132	0.7	32					
20+00S 23+00W	203	15	36	24	150	0.8	480					
20+00S 23+25W	202	25	59	10	131	0.4	29					
20+00S 23+50W	202	50	99	10	157	0.9	32					
20+00S 23+75W	202	40	102	17	216	0.8	120					
20+00S 24+00W	202	25	89	13	205	0.9	81					
20+00S 24+25W	202	20	260	1	73	0.5	43					
20+00S 24+50W	202	20	26	7	90	0.5	19					
20+00S 24+75W	202	20	31	20	254	0.6	20					
20+00S 25+00W	202	< 5	85	7	179	0.7	33					
20+00S 25+25W	202	20	31	1	73	0.3	11					
20+00S 25+50W	202	25	48	10	162	0.6	63					
20+00S 25+75W	202	65	351	4	217	0.4	45					
20+00S 26+00W	202	30	97	19	174	0.5	140					
20+00S 26+25W	202	15	67	23	409	1.2	22					

CERTIFICATION

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01
Comments: ATTN: HENRY AWACK

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CERTIFICATE OF ANALYSIS A8818819

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
7+50W 9+25S	202	25	37	21	58	1.5	32				
7+50W 9+50S	202	25	30	9	50	1.3	32				
7+50W 9+75S	202	140	88	13	155	0.8	30				
8+00W 9+25S	202	10	36	31	114	0.6	14				
8+00W 9+50S	202	50	23	14	71	0.7	15				
8+00W 9+75S	202	210	26	14	128	0.5	11				
8+00W 10+25S	202	150	46	8	79	0.5	23				
8+00W 10+50S	202	10	12	8	135	0.5	6				
8+00W 10+75S	202	240	80	10	182	0.8	15				
8+50W 8+25S	202	10	26	11	85	0.7	7				
8+50W 8+50S	202	10	27	10	107	0.8	9				
8+50W 8+75S	202	5	172	3	77	0.8	59				
8+50W 9+25S	202	10	112	46	196	0.8	83				
8+50W 9+50S	202	30	80	11	142	1.2	6				
8+50W 9+75S	202	75	26	9	48	0.7	120				
8+50W 10+25S	202	10	25	6	72	0.5	6				
8+50W 10+50S	202	20	103	14	172	1.0	7				
8+50W 10+75S	202	10	73	24	280	0.8	6				
9+50W 7+25S	202	10	68	20	173	0.3	6				
9+50W 7+50S	202	165	356	19	284	2.3	24				
9+50W 7+75S	202	30	51	22	112	1.2	12				
9+50W 8+25S	202	10	28	21	107	1.1	9				
9+50W 8+50S	202	40	43	30	83	1.2	6				
9+50W 8+75S	202	10	149	17	220	0.6	7				
9+50W 9+25S	202	10	71	10	99	0.7	5				
9+50W 9+50S	202	10	73	18	92	0.9	14				
9+50W 9+75S	202	195	46	123	152	1.8	12				
9+50W 10+25S	202	10	63	12	153	0.5	4				
9+50W 10+50S	202	10	47	14	246	0.8	10				
9+50W 10+75S	202	10	70	5	202	0.6	5				
10+00W 8+25S	202	5	8	8	32	0.2	3				
10+00W 8+50S	202	5	65	20	106	1.9	43				
10+00W 8+75S	202	100	69	26	143	0.8	3				
10+00W 9+25S	202	5	39	15	108	1.5	4				
10+00W 9+50S	202	10	114	24	182	0.6	7				
10+00W 9+75S	202	10	135	5	148	0.8	7				
10+00W 10+25S	202	5	18	14	62	2.1	11				
10+00W 10+50S	202	15	68	22	261	1.2	11				
10+00W 10+75S	202	20	60	9	109	0.4	10				
10+50W 8+25S	202	10	25	10	43	0.5	3				

CERTIFICATION:

Stan Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AWMACK

Page No.: 5
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Date: 19-JUL-88
Invoice #: I-8818819
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818819

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
10+50W 8+50S	202	10	237	124	376	3.7	15				
10+50W 8+75S	202	175	87	29	121	0.7	12				
10+50W 9+25S	202	< 5	20	19	42	0.7	5				
10+50W 9+50S	202	< 5	93	25	203	1.2	22				
10+50W 9+75S	202	< 5	28	18	78	0.5	3				
10+50W 9+75S A	202	< 5	20	18	162	0.5	9				
13+00W 11+25S	202	15	82	17	179	0.8	12				
13+00W 11+50S	202	10	52	20	358	2.2	59				
13+00W 11+75S	202	65	127	18	406	0.9	4				
13+50W 11+25S	202	< 5	54	6	107	0.5	3				
13+50W 11+50S	202	< 5	25	3	58	0.3	2				
13+50W 11+75S	202	< 5	182	7	136	0.5	3				
14+00W 11+25S	202	< 5	98	14	222	0.6	3				
14+00W 11+50S	202	< 5	18	9	70	0.3	3				
14+00W 11+75S	202	< 5	21	15	112	0.4	10				
14+50W 11+25S	202	< 5	19	82	287	3.9	7				
14+50W 11+50S	202	< 5	71	6	316	0.8	5				
14+50W 11+75S	202	< 5	54	4	222	0.6	6				
15+00W 11+25S	202	< 5	19	9	166	0.6	9				
15+00W 11+50S	202	< 5	20	14	126	0.7	10				
15+00W 11+75S	202	< 5	46	8	228	0.7	9				
15+50W 11+25S	202	< 5	56	14	130	2.8	10				
15+50W 11+50S	202	< 5	220	40	447	1.1	20				
15+50W 11+75S	202	< 5	21	13	60	0.5	11				
16+00W 11+25S	202	< 5	14	7	18	0.6	4				
16+00W 11+50S	202	< 5	28	18	680	0.4	14				
16+00W 11+75S	202	< 5	11	21	58	0.6	11				
21+00W 19+75S	202	20	61	20	144	0.9	53				
22+00W 17+00S	202	20	43	9	82	1.0	16				
22+00W 17+25S	202	75	27	5	70	0.5	14				
22+00W 17+50S	202	105	71	78	740	0.9	140				
22+00W 17+75S	202	140	92	2	87	0.5	20				
22+00W 18+00S	202	130	127	13	116	0.9	20				
22+00W 18+25S	202	15	60	120	1020	1.0	90				
22+00W 18+50S	202	< 5	39	7	124	0.2	23				
22+00W 18+75S	202	25	98	25	309	0.8	30				
22+00W 19+00S	202	15	85	43	500	0.8	46				
22+00W 19+25S	202	10	92	378	1560	1.4	30				
22+00W 19+50S	202	15	56	15	152	0.6	20				
22+50W 17+25S	202	75	63	15	341	1.0	27				

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TNG 88-01

Comments : ATTN: HENRY AWMAK

Page No. 6
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CERTIFICATE OF ANALYSIS A8818819

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
22+50W 17+50S	202	50	74	49	460	1.3	57				
22+50W 17+75S	202	70	52	216	1800	4.8	800				
22+50W 18+00S	202	30	146	22	373	0.8	32				
22+50W 18+25S	202	50	116	1040	430	3.7	360				
22+50W 18+50S	202	90	147	20	167	1.0	220				
22+50W 18+75S	202	65	115	41	368	0.9	120				
22+50W 19+00S	202	130	114	35	368	0.7	80				
22+50W 19+25S	202	20	156	6	163	0.7	70				
22+50W 19+50S	202	10	40	8	104	0.3	15				
23+00W 17+50S	202	15	61	8	126	0.7	17				
23+00W 17+75S	202	5	27	18	87	0.4	25				
23+00W 18+00S	202	150	231	25	289	1.1	46				
23+00W 18+25S	202	80	205	52	490	1.7	100				
23+00W 18+50S	202	65	193	13	950	0.8	120				
23+00W 18+75S	202	100	192	47	333	1.4	80				
23+00W 19+00S	202	35	72	34	219	1.8	160				
23+00W 19+25S	202	35	118	26	219	0.6	280				
23+00W 19+50S	202	5	47	10	140	0.4	27				
23+00W 19+75S	202	50	29	24	173	0.9	33				
23+50W 17+75S	202	20	53	21	99	0.7	24				
23+50W 18+00S	202	50	126	14	113	0.8	15				
23+50W 18+25S	202	65	94	33	247	1.1	14				
23+50W 18+50S	202	70	139	29	373	0.9	22				
23+50W 18+75S	202	90	197	88	1270	1.0	160				
23+50W 19+00S	202	< 5	58	3	324	0.8	16				
23+50W 19+25S	202	30	97	21	191	5.6	25				
23+50W 19+50S	202	110	193	61	500	0.9	150				
23+50W 19+75S	202	15	41	10	189	0.3	48				
24+00W 17+75S	202	25	115	7	51	1.0	30				
24+00W 18+00S	202	60	76	2	44	0.5	9				
24+00W 18+25S	202	20	52	22	162	0.7	41				
24+00W 18+50S	202	20	47	11	464	1.0	17				
24+00W 18+75S	202	40	11	17	37	0.5	11				
24+00W 19+00S	202	20	40	14	78	0.6	15				
24+00W 19+25S	202	155	19	8	33	0.3	9				
24+00W 19+50S	202	75	116	13	161	1.1	45				
24+00W 19+75S	202	40	36	5	49	1.2	15				
24+50W 17+75S	202	15	47	3	103	1.0	11				
24+50W 18+00S	202	40	49	4	124	1.0	12				
24+50W 18+25S	202	50	29	6	106	0.7	10				

CERTIFICATION :

Henry Awmak



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : TNG 88-01

Comments: ATTN: HENRY AWMAK

Page No. : 7
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Date : 19-JUL-88
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CERTIFICATE OF ANALYSIS A8818819

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm			
24+50W 18+50S	202 ---	40	30	18	164	1.8	12			
24+50W 18+75S	202 ---	45	42	19	213	1.4	16			
24+50W 19+00S	202 ---	160	61	9	46	1.0	100			
24+50W 19+25S	202 ---	25	39	6	36	0.4	90			
24+50W 19+50S	202 ---	20	121	1	77	0.5	11			
24+50W 19+75S	202 ---	15	26	14	179	1.8	15			
25+00W 17+50S	202 ---	5	24	8	84	1.2	9			
25+00W 17+75S	202 ---	10	75	4	247	0.9	14			
25+00W 18+00S	202 ---	5	39	5	90	1.0	9			
25+00W 18+25S	202 ---	20	28	10	67	0.4	9			
25+00W 18+50S	202 ---	10	24	1	69	0.3	9			
25+00W 18+75S	202 ---	150	12	3	86	0.6	6			
25+00W 19+00S	202 ---	5	18	9	202	0.6	12			
25+00W 19+25S	202 ---	25	52	21	290	0.7	43			
25+00W 19+50S	202 ---	25	78	28	266	2.3	41			
25+00W 19+75S	202 ---	35	62	51	239	0.6	39			
25+50W 17+75S	202 ---	20	277	6	265	0.5	14			
25+50W 18+00S	202 ---	15	20	6	66	0.2	7			
25+50W 18+25S	202 ---	20	56	13	189	1.1	29			
25+50W 18+50S	202 ---	55	80	14	196	0.6	27			
25+50W 18+75S	202 ---	35	90	24	285	1.0	46			
25+50W 19+00S	202 ---	60	92	58	160	0.7	10			
25+50W 19+25S	202 ---	50	58	32	181	1.5	43			
25+50W 19+50S	202 ---	95	114	24	283	0.7	30			
25+50W 19+75S	202 ---	30	127	34	419	0.7	45			
26+00W 19+00S	202 ---	285	160	23	168	1.4	19			
26+00W 19+25S	202 ---	45	68	38	253	0.8	57			
26+00W 19+50S	202 ---	50	67	11	91	0.9	41			
26+00W 19+75S	202 ---	20	39	13	147	0.7	23			

CERTIFICATION :

Henry Awmak



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0121

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.

VANCOUVER, BC

V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AWMAK

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CERTIFICATE OF ANALYSIS A8819125

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
21+50W 17+50S	202 ---	120	107	30	206	0.1	200				
21+50W 17+75S	202 ---	95	70	3	116	0.1	38				
21+50W 18+00S	202 ---	35	51	13	101	0.1	19				
21+50W 18+25S	202 ---	40	83	28	294	0.1	22				
21+50W 18+50S	202 ---	20	87	47	309	0.1	53				
21+50W 18+75S	202 ---	55	92	36	246	0.1	41				
21+50W 19+00S	202 ---	35	112	12	138	0.1	22				
21+50W 19+25S	202 ---	50	116	51	367	0.1	50				
21+50W 19+50S	202 ---	60	148	44	297	0.7	50				
21+50W 19+75S	202 ---	< 5	42	15	207	0.1	14				
0+50E 0+25N	202 ---	60	41	10	83	0.1	16				
1+00E 0+25N	202 ---	30	24	17	156	0.6	11				
1+00E 0+50N	202 ---	95	61	48	210	0.9	30				
1+00E 0+25S	202 ---	10	33	9	96	1.0	14				
1+00E 0+50S	202 ---	< 5	67	1	83	0.1	10				
1+00E 0+75S	202 ---	355	219	1	53	0.1	22				
1+50E 0+25N	202 ---	45	214	20	157	0.4	29				
1+50E 0+50N	202 ---	15	80	14	122	0.1	23				
1+50E 0+25S	202 ---	5	29	12	68	0.1	7				
1+50E 0+50S	202 ---	30	263	13	104	0.1	22				
1+50E 0+75S	202 ---	20	26	7	83	0.1	9				
1+50E 1+00S	202 ---	25	76	3	133	0.1	10				
2+00E 0+25N	202 ---	185	112	4	179	0.1	16				
2+00E 0+50N	202 ---	35	267	14	293	0.1	17				
2+00E 0+25S	202 ---	20	66	4	157	0.1	16				
2+00E 0+50S	202 ---	100	57	2	83	0.3	10				
2+00E 0+75S	202 ---	15	59	18	155	0.1	17				
2+00E 1+00S	202 ---	20	215	9	145	0.1	50				
2+50E 0+25N	202 ---	30	90	44	393	0.4	36				
2+50E 0+50N	202 ---	< 5	28	6	74	0.1	10				
2+50E 0+25S	202 ---	760	101	4	146	0.1	12				
2+50E 0+50S	202 ---	50	71	3	67	0.4	9				
2+50E 0+75S	202 ---	65	114	22	210	0.1	22				
3+00E 0+25N	202 ---	< 5	123	17	176	0.2	11				
3+00E 0+50N	202 ---	< 5	55	13	132	0.1	9				
3+00E 0+75N	202 ---	< 5	99	2	105	0.1	3				
3+00E 0+25S	202 ---	< 5	17	13	85	0.1	11				
3+00E 0+50S	202 ---	< 5	104	1	161	0.1	5				
3+00E 0+75S	202 ---	< 5	87	2	126	0.1	6				
3+50E 0+25N	202 ---	< 5	53	3	109	0.1	6				

RIDGE GRID

CERTIFICATION: *Henry Awmak*



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 BROOKSBANK AVE. NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: TNG 88-01
 Comments: ATTN: HENRY AWMAK

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CERTIFICATE OF ANALYSIS A8819125

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
3+50E 0+50N	202	< 5	52	9	163	0.1	6	}	RIDGE GRID		
3+50E 0+75N	202	< 5	50	5	166	0.1	6				
3+50E 1+00N	202	< 5	113	1	128	0.1	3				
3+50E 0+25S	202	< 5	45	4	124	0.1	4				
3+50E 0+50S	202	< 5	67	3	124	0.1	14				
3+50E 0+75S	202	< 5	116	18	345	0.1	115				
3+50E 1+00S	202	40	101	39	446	0.7	25				
3+50E 1+25S	202	140	41	8	157	0.1	11				
4+00E 0+25N	202	< 5	57	8	85	0.1	10				
4+00E 0+50N	202	< 5	9	4	93	0.1	11				
4+00E 0+75N	202	< 5	39	2	52	0.1	3				
4+00E 1+00N	202	< 5	39	8	210	0.1	10				
4+00E 1+25N	202	15	269	3	350	0.1	16				
4+00E 0+25S	202	< 5	21	10	140	0.2	10				
4+00E 0+50S	202	45	128	4	117	0.1	59				
4+00E 0+75S	202	< 5	25	13	153	0.1	15				
4+00E 1+00S	202	< 10	142	36	191	0.5	16				
4+50E 0+25N	202	< 5	38	12	130	0.8	25				
4+50E 0+50N	202	< 5	65	29	98	0.5	22				
4+50E 0+75N	202	< 5	74	1	124	0.1	5				
4+50E 1+00N	202	< 5	44	10	105	0.1	3				
4+50E 1+25N	202	< 10	28	10	71	0.1	4				
4+50E 0+25S	202	< 5	19	13	120	0.7	14				
4+50E 0+50S	202	< 5	29	13	167	0.1	16				
4+50E 0+75S	202	400	42	6	122	0.6	7				
4+50E 1+00S	202	275	80	113	3510	0.3	11				
5+00E 0+25N	202	< 10	59	12	265	0.6	24				
5+00E 0+50N	202	< 5	35	14	172	0.5	10				
5+00E 0+75N	202	< 5	102	4	113	0.1	36				
5+00E 1+00N	202	< 5	35	6	73	0.1	11				
5+00E 1+25N	202	< 15	21	1	59	0.1	3				
5+00E 1+50N	202	< 5	88	2	171	0.1	14				
5+00E 0+25S	202	< 5	39	5	109	0.1	23				
5+00E 0+50S	202	< 5	37	6	81	0.1	14				
5+00E 0+75S	202	< 5	28	71	218	0.3	79				
5+00E 1+00S	202	110	119	16	366	0.4	150				

CERTIFICATION :

Henry Awmak



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG-88-01

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SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
7+50W 10+25S	202 ---	125	132	6	132	0.5	7				
22+00W 20+25S	202 ---	50	117	6	148	0.5	23				
22+00W 20+50S	202 ---	60	101	17	172	0.6	53				
22+00W 20+75S	202 ---	75	218	69	126	1.3	9				
22+00W 21+00S	202 ---	85	121	8	125	0.6	23				
22+00W 21+25S	202 ---	55	100	16	127	0.4	29				
23+00W 20+50S	202 ---	30	100	4	108	0.7	24				
23+00W 20+75S	202 ---	20	58	4	80	0.7	17				
23+00W 21+00S	202 ---	65	120	12	167	0.5	45				
23+00W 21+25S	202 ---	30	61	6	143	0.5	39				
23+00W 21+50S	202 ---	45	100	19	195	0.4	60				
23+00W 21+75S	202 ---	65	70	16	203	0.4	45				
23+00W 22+00S	202 ---	40	150	23	348	0.8	30				
23+00W 22+25S	202 ---	40	156	4	160	0.5	19				
23+00W 22+50S	202 ---	35	78	4	128	0.6	19				
23+00W 22+75S	202 ---	130	56	12	162	0.5	32				
23+00W 23+00S	202 ---	40	100	9	162	0.5	35				
24+00W 20+25S	202 ---	< 5	22	20	100	0.8	100				
24+00W 20+50S	202 ---	45	56	12	140	0.9	46				
24+00W 20+75S	202 ---	20	56	15	140	0.8	53				
24+00W 21+00S	202 ---	15	29	2	71	0.4	36				
24+00W 21+25S	202 ---	55	218	12	150	0.8	46				
24+00W 21+50S	202 ---	5	50	1	51	0.4	7				
24+00W 21+75S	202 ---	< 5	50	1	32	0.4	5				
24+00W 22+00S	202 ---	100	140	12	167	0.7	27				
24+00W 22+25S	202 ---	45	66	8	110	0.3	19				
24+00W 22+50S	202 ---	80	117	3	115	0.5	25				
24+00W 22+75S	202 ---	55	58	14	172	0.5	45				
24+00W 23+00S	202 ---	45	25	2	82	0.6	10				
25+00W 20+25S	202 ---	45	37	3	82	0.4	12				
25+00W 20+50S	202 ---	20	44	4	54	1.9	16				
25+00W 20+75S	217 ---	25	16	1	24	0.3	3				
25+00W 21+00S	217 ---	< 5	17	1	22	0.3	3				
25+00W 21+25S	217 ---	25	12	1	59	0.4	12				
25+00W 21+50S	217 ---	5	6	1	22	0.5	3				
25+00W 21+75S	217 ---	< 5	2	1	20	0.2	4				
25+00W 22+00S	203 ---	< 5	24	1	45	0.4	5				
25+00W 22+25S	202 ---	< 5	12	1	42	0.3	240				
25+00W 22+50S	203 ---	< 5	16	1	43	0.4	5				
25+00W 22+75S	203 ---	< 5	34	1	36	0.4	3				

CERTIFICATION :

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
 VANCOUVER, BC
 V6B 1N2

Project: TNG-88-01

Comments: ATTN: HENRY AWMAK

Page No. : 2
 Tot. Pages: 2
 Date : 6-AUG-88
 Invoice #: I-8819714
 P.O. #: NONE

CERTIFICATE OF ANALYSIS A8819714

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
25+00W 23+00S	202	---	30	115	6	125	0.8	23			
25+00W 23+25S	202	---	< 5	16	1	53	1.5	4			
25+00W 23+50S	202	---	5	96	1	93	0.5	3			
25+00W 23+75S	202	---	< 5	28	3	30	0.5	3			
25+00W 24+00S	202	---	< 5	31	9	50	0.9	5			
26+00W 20+25S	202	---	20	45	12	122	0.5	22			
26+00W 20+50S	202	---	55	18	13	170	0.5	22			
26+00W 20+75S	202	---	35	47	7	130	0.5	15			
26+00W 21+00S	202	---	30	89	7	230	0.4	25			
26+00W 21+25S	202	---	30	63	7	158	0.5	15			
26+00W 21+50S	202	---	15	38	5	123	1.3	7			
26+00W 21+75S	202	---	5	34	4	670	1.1	4			
26+00W 22+00S	202	---	10	47	1	130	0.5	3			
26+00W 22+25S	202	---	20	109	495	550	0.8	6			
26+00W 22+50S	202	---	< 5	15	1	64	0.7	3			
26+00W 22+75S	202	---	< 5	23	4	54	0.9	3			
26+00W 23+00S	202	---	< 5	25	9	29	0.9	3			
26+00W 23+25S	202	---	< 5	32	2	78	0.8	3			
26+00W 23+50S	202	---	< 5	47	1	80	0.5	3			
26+00W 23+75S	202	---	< 5	45	1	75	0.7	4			
26+00W 24+00S	202	---	< 5	13	11	73	1.0	9			

CERTIFICATION :

Henry Awmak



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AWMAK

Page No. : 1
Tot. Pages: 2
Date : 22-AUG-88
Invoice #: I-8820798
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820798

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
0+50E 7+25N	202	< 5	17	15	90	0.1	10				
0+50E 7+50N	217	< 10	178	6	307	0.4	6				
0+50E 7+75N	202	< 5	12	5	51	0.1	4				
0+50E 8+25N	202	< 5	11	9	78	0.1	9				
0+50E 8+50N	202	< 5	26	12	161	0.1	9				
0+50E 8+75N	202	< 5	22	10	128	0.1	7				
0+50E 9+25N	202	< 5	18	13	100	0.1	9				
0+50E 9+50N	202	15	26	11	103	0.3	10				
0+50E 9+75N	202	30	53	10	80	0.2	7				
0+50E 10+25N	202	50	166	10	99	0.2	6				
0+50E 10+50N	202	30	142	5	122	0.1	6				
0+50E 10+75N	202	15	89	9	104	0.5	5				
1+00E 9+25NA	203	< 5	142	1	108	0.2	4				
1+00E 9+25NB	202	< 5	22	9	43	0.1	5				
1+00E 9+50NA	202	< 5	59	7	115	0.1	5				
1+00E 9+50NB	202	< 5	116	2	84	0.1	5				
1+00E 9+75NA	202	< 5	40	5	65	0.1	3				
1+00E 9+75NB	202	10	22	10	46	0.1	5				
1+00E 10+25NA	202	5	53	10	120	0.1	5				
1+00E 10+25NB	202	175	90	11	145	0.5	5				
1+00E 10+50NA	202	< 5	90	11	211	0.4	7				
1+00E 10+50NB	202	< 5	165	41	146	0.1	61				
1+00E 10+75N	202	< 5	155	11	173	0.1	5				
1+00E 11+25N	202	< 5	49	3	38	0.2	9				
1+50E 9+25N	202	< 5	82	6	72	0.1	4				
1+50E 9+75N	202	< 5	21	2	33	0.1	3				
1+50E 10+25N	202	< 5	54	17	62	0.1	6				
1+50E 10+50N	202	< 10	29	15	66	1.0	9				
1+50E 10+75N	202	< 5	13	11	30	0.2	4				
2+00E 9+25N	202	< 5	26	14	99	0.6	10				
2+00E 9+50N	202	< 40	31	8	40	0.2	3				
2+00E 9+75N	202	< 5	26	18	49	0.3	5				
2+00E 10+25N	202	< 20	30	13	297	0.5	10				
2+00E 10+50N	203	< 5	23	4	33	0.6	3				
2+00E 10+75N	202	< 5	35	16	24	0.1	7				
2+50E 9+25N	202	< 5	78	9	101	0.2	9				
2+50E 9+50N	202	< 5	61	11	71	0.2	5				
2+50E 9+75N	202	< 5	87	13	137	0.3	7				
2+50E 10+25N	202	< 5	23	3	30	0.2	3				
2+50E 10+50N	202	40	44	7	86	0.2	3				

CERTIFICATION :

Henry Awmak



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: EQUITY ENGINEERING LTD.

406 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project: TNG 88-01

Comments: ATTN: HENRY AWACK

Page No.: 2
Tot. Pages: 2
Date: 22-AUG-88
Invoice #: I-8820798
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8820798

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	As ppm				
2+50E 10+75N	202 ---	5	89	8	118	0.3	7				
3+00E 9+25N	202 ---	15	21	13	72	0.1	9				
3+00E 9+50N	202 ---	< 5	15	5	44	0.1	4				
3+00E 9+75N	202 ---	< 5	28	4	98	0.1	4				
3+00E 10+25N	202 ---	15	11	15	105	0.1	9				
3+00E 10+50N	202 ---	< 5	17	7	56	0.1	4				
3+00E 10+75N	202 ---	< 40	10	7	36	0.1	6				
3+50E 9+25N	202 ---	< 5	190	18	236	0.7	7				
3+50E 9+50N	202 ---	< 40	27	7	45	0.3	4				
3+50E 9+75N	202 ---	< 5	35	7	57	0.4	4				
3+50E 10+25N	202 ---	< 5	22	15	124	0.1	10				
3+50E 10+50N	202 ---	10	134	15	287	0.5	16				
3+50E 10+75N	202 ---	< 20	58	4	48	0.4	6				
4+00E 9+25N	202 ---	< 5	64	9	211	0.1	7				
4+00E 9+50N	202 ---	< 5	16	14	136	0.1	12				
4+00E 9+75N	202 ---	< 5	35	5	62	0.1	9				
4+00E 10+25N	202 ---	< 5	27	5	56	0.1	5				
4+00E 10+50N	203 ---	< 60	27	6	60	0.1	6				
4+00E 10+75N	202 ---	< 5	38	19	50	0.1	3				

CERTIFICATION :

Henry Awack

APPENDIX E

SOIL GEOCHEMISTRY - STATISTICAL ANALYSIS

11/10/88

P O N D C A D S E R V I C E S
 MAPPER-CAD SOFTWARE
 LOG-PROBABILITY TABLE (LEPELTIER TABLE)
 =====

LOWER LOG LIMIT INTERVAL	LOWER CONCENTRATION LIMIT	SAMPLE POPULATION TALLY	CUMMULATIVE SUM	CUMMULATIVE PERCENT
-0.13	0	1	2077	100.00
-0.03	1	2	2076	99.95
0.27	2	2	2074	99.86
0.47	3	1	2072	99.76
0.57	4	1	2071	99.71
0.67	5	2	2070	99.66
0.77	6	8	2068	99.57
0.87	8	13	2060	99.18
0.97	10	16	2047	98.56
1.07	12	39	2031	97.79
1.17	15	87	1992	95.91
1.27	19	191	1905	91.72
1.37	24	249	1714	82.52
1.47	30	275	1465	70.53
1.57	38	243	1190	57.29
1.67	47	220	947	45.59
1.77	59	206	727	35.00
1.87	75	152	521	25.08
1.97	94	135	369	17.77
2.07	118	104	234	11.27
2.17	148	57	130	6.26
2.27	187	34	73	3.51
2.37	235	20	39	1.88
2.47	296	8	19	0.91
2.57	372	8	11	0.53
2.67	468	0	3	0.14
2.77	589	3	3	0.14
2.87	742	0	0	0.00
2.97	934	0	0	0.00
3.07	1175	0	0	0.00
3.17	1480	0	0	0.00
3.27	1863	0	0	0.00
3.37	2345	0	0	0.00
3.47	2952	0	0	0.00
3.57	3716	0	0	0.00
3.67	4678	0	0	0.00
3.77	5889	0	0	0.00
3.87	7414	0	0	0.00
3.97	9333	0	0	0.00
4.07	11749	0	0	0.00

TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

Soil Geochemistry Compilation

Log - Probability Diagram

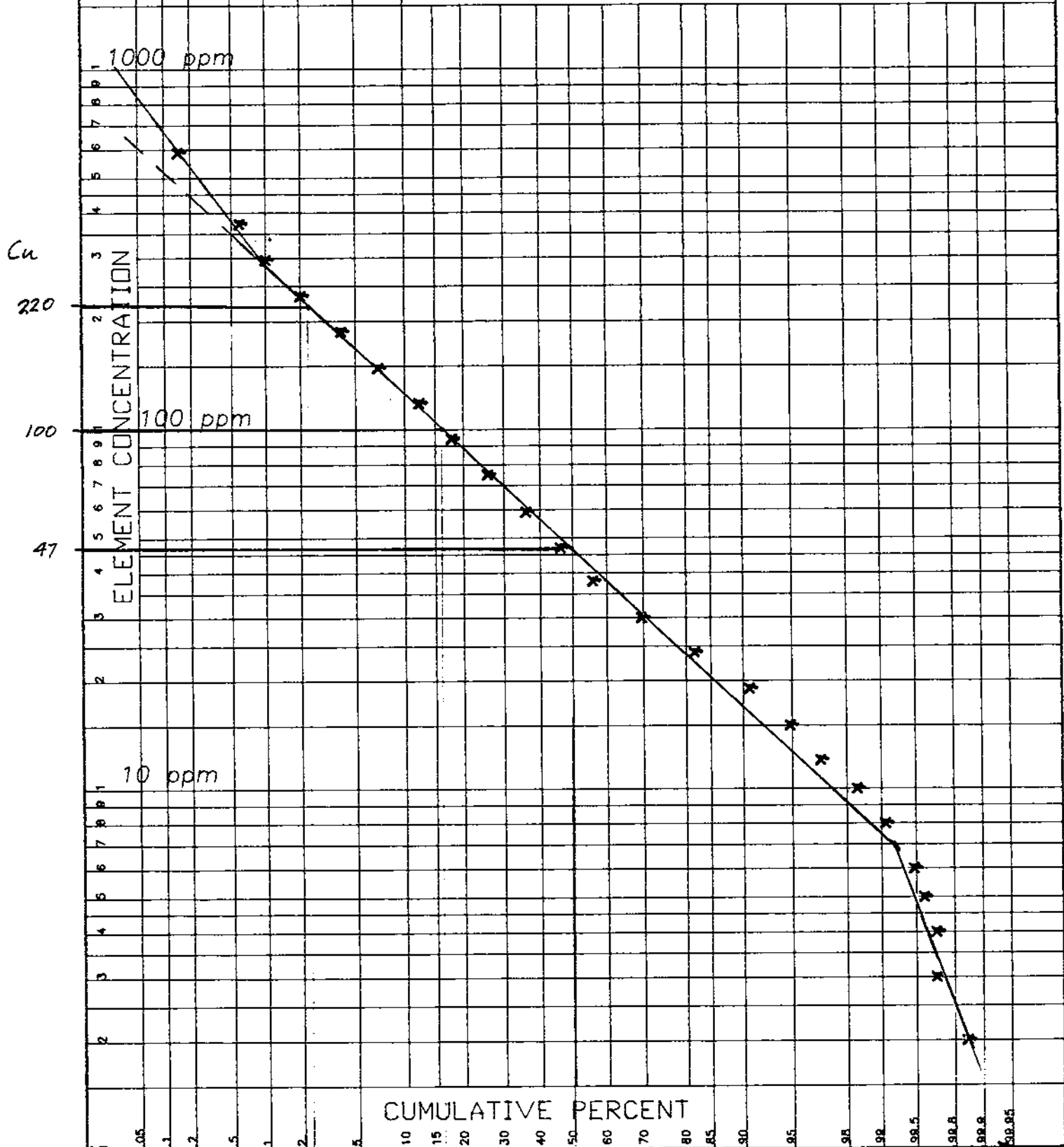
Copper

N = 2077

EQUITY ENGINEERING LTD.

Date:	N.T.S.	Mining Division	Figure:
OCTOBER/88	104B/10W.11E	LIARD	

Prepared By: TECUCOMP GEOLOGICAL INC.



11/10/88

P O N D C A D S E R V I C E S
MAPPER-CAD SOFTWARE
LOG-PROBABILITY TABLE (LEPELTIER TABLE)

LOWER LOG LIMIT INTERVAL	LOWER CONCENTRATION LIMIT	SAMPLE POPULATION TALLY	CUMMULATIVE SUM	CUMMULATIVE PERCENT
-0.13	0	0	2077	100.00
-0.03	1	71	2077	100.00
0.27	2	36	2006	96.58
0.47	3	38	1970	94.85
0.57	4	50	1932	93.02
0.67	5	56	1882	90.61
0.77	6	129	1826	87.92
0.87	8	131	1697	81.70
0.97	10	140	1566	75.40
1.07	12	230	1426	68.66
1.17	15	238	1196	57.58
1.27	19	230	958	46.12
1.37	24	223	728	35.05
1.47	30	188	505	24.31
1.57	38	113	317	15.26
1.67	47	92	204	9.82
1.77	59	44	112	5.39
1.87	75	24	68	3.27
1.97	94	13	44	2.12
2.07	118	10	31	1.49
2.17	148	3	21	1.01
2.27	187	5	18	0.87
2.37	235	3	13	0.63
2.47	296	2	10	0.48
2.57	372	2	8	0.39
2.67	468	2	6	0.29
2.77	589	1	4	0.19
2.87	742	0	3	0.14
2.97	934	2	3	0.14
3.07	1175	0	1	0.05
3.17	1480	0	1	0.05
3.27	1863	1	1	0.05
3.37	2345	0	0	0.00
3.47	2952	0	0	0.00
3.57	3716	0	0	0.00
3.67	4678	0	0	0.00
3.77	5889	0	0	0.00
3.87	7414	0	0	0.00
3.97	9333	0	0	0.00
4.07	11749	0	0	0.00

TUNGCO RESOURCES CORPORATION

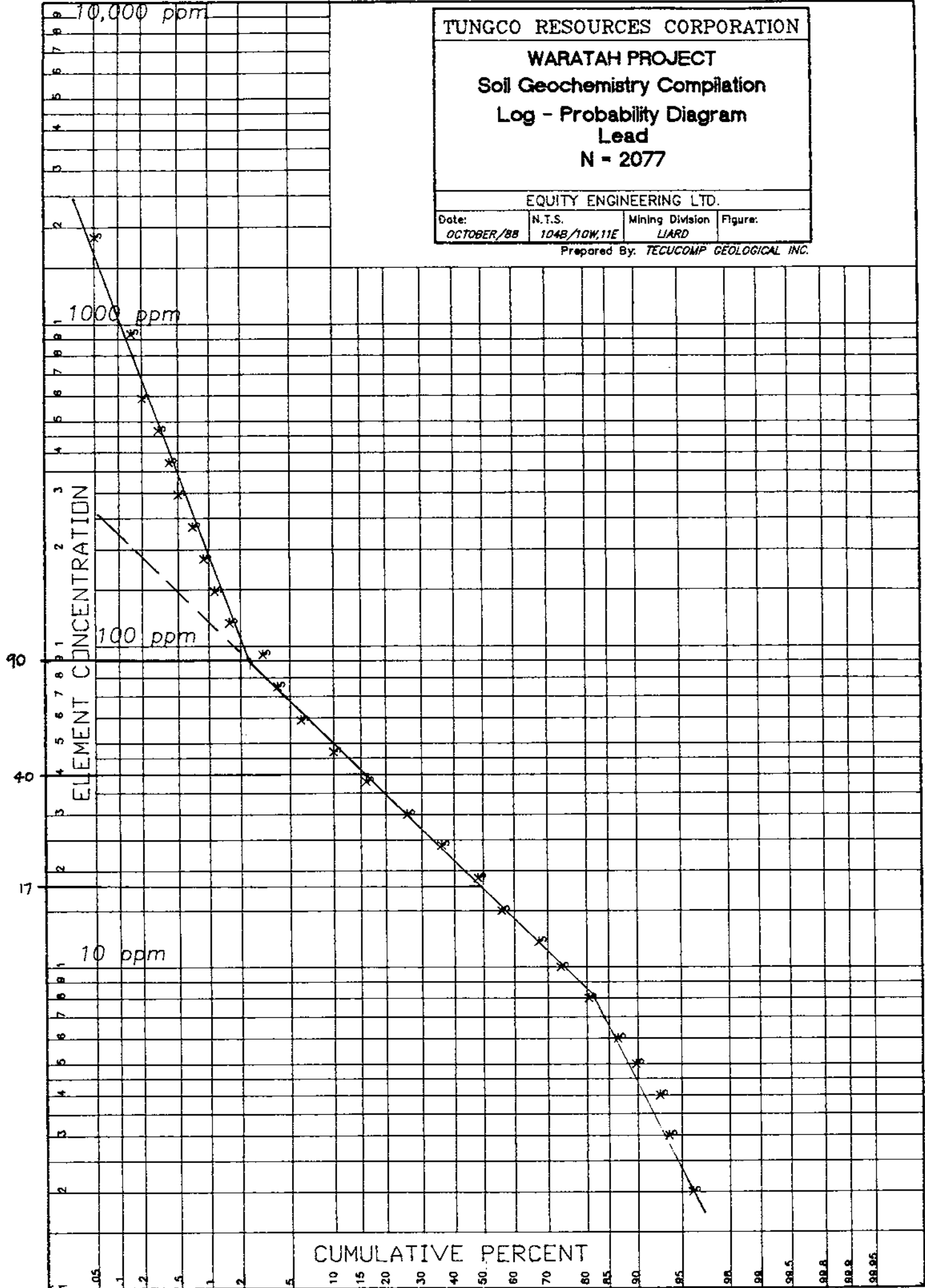
WARATAH PROJECT
 Soil Geochemistry Compilation
 Log - Probability Diagram
 Lead
 N = 2077

EQUITY ENGINEERING LTD.

Date: OCTOBER/88	N.T.S. 104B/10W,11E	Mining Division LIARD	Figure:
---------------------	------------------------	--------------------------	---------

Prepared By: TECUCOMP GEOLOGICAL INC.

Pb



11/10/88

P O N D C A D S E R V I C E S
MAPPER-CAD SOFTWARE
LOG-PROBABILITY TABLE (LEPELTIER TABLE)
=====

LOWER LOG LIMIT INTERVAL	LOWER CONCENTRATION LIMIT	SAMPLE POPULATION TALLY	CUMMULATIVE SUM	CUMMULATIVE PERCENT
~~~~~	~~~~~	~~~~~	~~~~~	~~~~~
-0.13	0	0	2077	100.00
-0.03	1	1	2077	100.00
0.27	2	0	2076	99.95
0.47	3	0	2076	99.95
0.57	4	0	2076	99.95
0.67	5	0	2076	99.95
0.77	6	0	2076	99.95
0.87	8	1	2076	99.95
0.97	10	2	2075	99.90
1.07	12	3	2073	99.81
1.17	15	10	2070	99.66
1.27	19	18	2060	99.18
1.37	24	31	2042	98.31
1.47	30	57	2011	96.82
1.57	38	70	1954	94.08
1.67	47	139	1884	90.71
1.77	59	230	1745	84.02
1.87	75	267	1515	72.94
1.97	94	299	1248	60.09
2.07	118	334	949	45.69
2.17	148	266	615	29.61
2.27	187	148	349	16.80
2.37	235	90	201	9.68
2.47	296	50	111	5.34
2.57	372	28	61	2.94
2.67	468	14	33	1.59
2.77	589	6	19	0.91
2.87	742	4	13	0.63
2.97	934	4	9	0.43
3.07	1175	2	5	0.24
3.17	1480	2	3	0.14
3.27	1863	0	1	0.05
3.37	2345	0	1	0.05
3.47	2952	1	1	0.05
3.57	3716	0	0	0.00
3.67	4678	0	0	0.00
3.77	5889	0	0	0.00
3.87	7414	0	0	0.00
3.97	9333	0	0	0.00
4.07	11749	0	0	0.00



11/10/88

P O N D C A D S E R V I C E S  
MAPPER-CAD SOFTWARE  
LOG-PROBABILITY TABLE (LEPELTIER TABLE)  
=====

LOWER LOG LIMIT INTERVAL	LOWER CONCENTRATION LIMIT	SAMPLE POPULATION TALLY	CUMMULATIVE SUM	CUMMULATIVE PERCENT
~~~~~	~~~~~	~~~~~	~~~~~	~~~~~
-0.13	0	0	2077	100.00
-0.03	1	0	2077	100.00
0.27	2	0	2077	100.00
0.47	3	0	2077	100.00
0.57	4	0	2077	100.00
0.67	5	202	2077	100.00
0.77	6	0	1875	90.27
0.87	8	0	1875	90.27
0.97	10	501	1875	90.27
1.07	12	0	1374	66.15
1.17	15	0	1374	66.15
1.27	19	139	1374	66.15
1.37	24	0	1235	59.46
1.47	30	127	1235	59.46
1.57	38	103	1108	53.35
1.67	47	146	1005	48.39
1.77	59	222	859	41.36
1.87	75	150	637	30.67
1.97	94	122	487	23.45
2.07	118	95	365	17.57
2.17	148	96	270	13.00
2.27	187	74	174	8.38
2.37	235	36	100	4.81
2.47	296	31	64	3.08
2.57	372	18	33	1.59
2.67	468	12	15	0.72
2.77	589	1	3	0.14
2.87	742	2	2	0.10
2.97	934	0	0	0.00
3.07	1175	0	0	0.00
3.17	1480	0	0	0.00
3.27	1863	0	0	0.00
3.37	2345	0	0	0.00
3.47	2952	0	0	0.00
3.57	3716	0	0	0.00
3.67	4678	0	0	0.00
3.77	5889	0	0	0.00
3.87	7414	0	0	0.00
3.97	9333	0	0	0.00
4.07	11749	0	0	0.00

TUNGCO RESOURCES CORPORATION

WARATAH PROJECT
Soil Geochemistry Compilation
Log - Probability Diagram
Silver
N = 2077

EQUITY ENGINEERING LTD.

Date:
OCTOBER/88

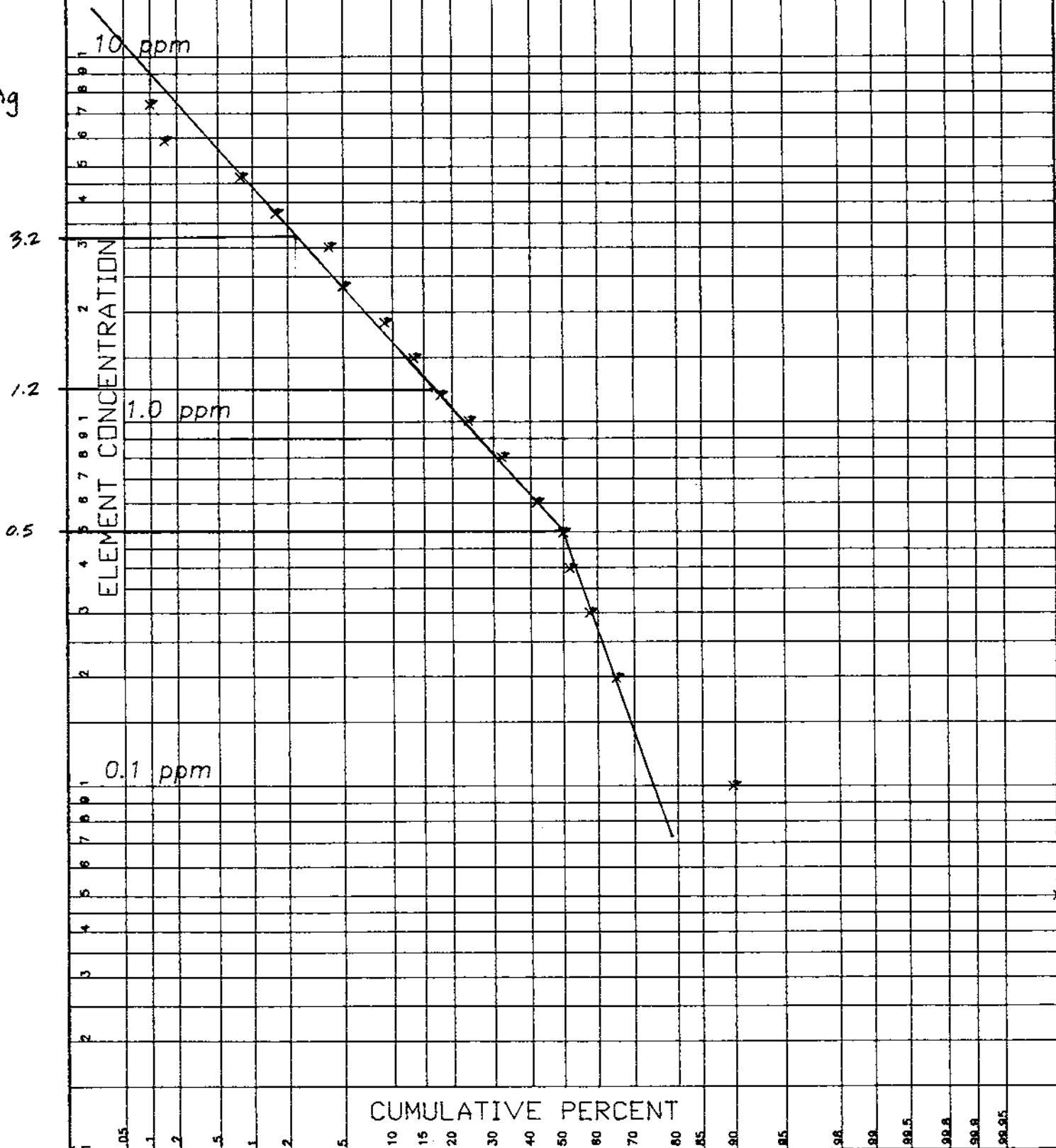
N.T.S.
1048/10W,11E

Mining Division
LIARD

Figure:

Prepared By: TECUCOMP GEOLOGICAL INC.

Ag



11/10/88

P O N D C A D S E R V I C E S
MAPPER-CAD SOFTWARE
LOG-PROBABILITY TABLE (LEPELTIER TABLE)

```

=====
: LOWER LOG      : LOWER      : SAMPLE : CUMMULATIVE: CUMMULATIVE:
: LIMIT INTERVAL: CONCENTRATION: POPULATION: SUM          : PERCENT      :
: ~~~~~          : ~~~~~          : ~~~~~          : ~~~~~          : ~~~~~          :

```

LOWER LOG LIMIT INTERVAL	LOWER CONCENTRATION LIMIT	SAMPLE POPULATION TALLY	CUMMULATIVE SUM	CUMMULATIVE PERCENT
-0.13	0	0	2077	100.00
-0.03	1	0	2077	100.00
0.27	2	436	2077	100.00
0.47	3	0	1641	79.01
0.57	4	0	1641	79.01
0.67	5	247	1641	79.01
0.77	6	0	1394	67.12
0.87	8	0	1394	67.12
0.97	10	501	1394	67.12
1.07	12	0	893	42.99
1.17	15	186	893	42.99
1.27	19	235	707	34.04
1.37	24	69	472	22.73
1.47	30	116	403	19.40
1.57	38	63	287	13.82
1.67	47	43	224	10.78
1.77	59	45	181	8.71
1.87	75	22	136	6.55
1.97	94	18	114	5.49
2.07	118	24	96	4.62
2.17	148	22	72	3.47
2.27	187	10	50	2.41
2.37	235	14	40	1.93
2.47	296	6	26	1.25
2.57	372	7	20	0.96
2.67	468	3	13	0.63
2.77	589	2	10	0.48
2.87	742	4	8	0.39
2.97	934	0	4	0.19
3.07	1175	1	4	0.19
3.17	1480	0	3	0.14
3.27	1863	1	3	0.14
3.37	2345	0	2	0.10
3.47	2952	1	2	0.10
3.57	3716	0	1	0.05
3.67	4678	0	1	0.05
3.77	5889	0	1	0.05
3.87	7414	0	1	0.05
3.97	9333	0	1	0.05
4.07	11749	1	1	0.05

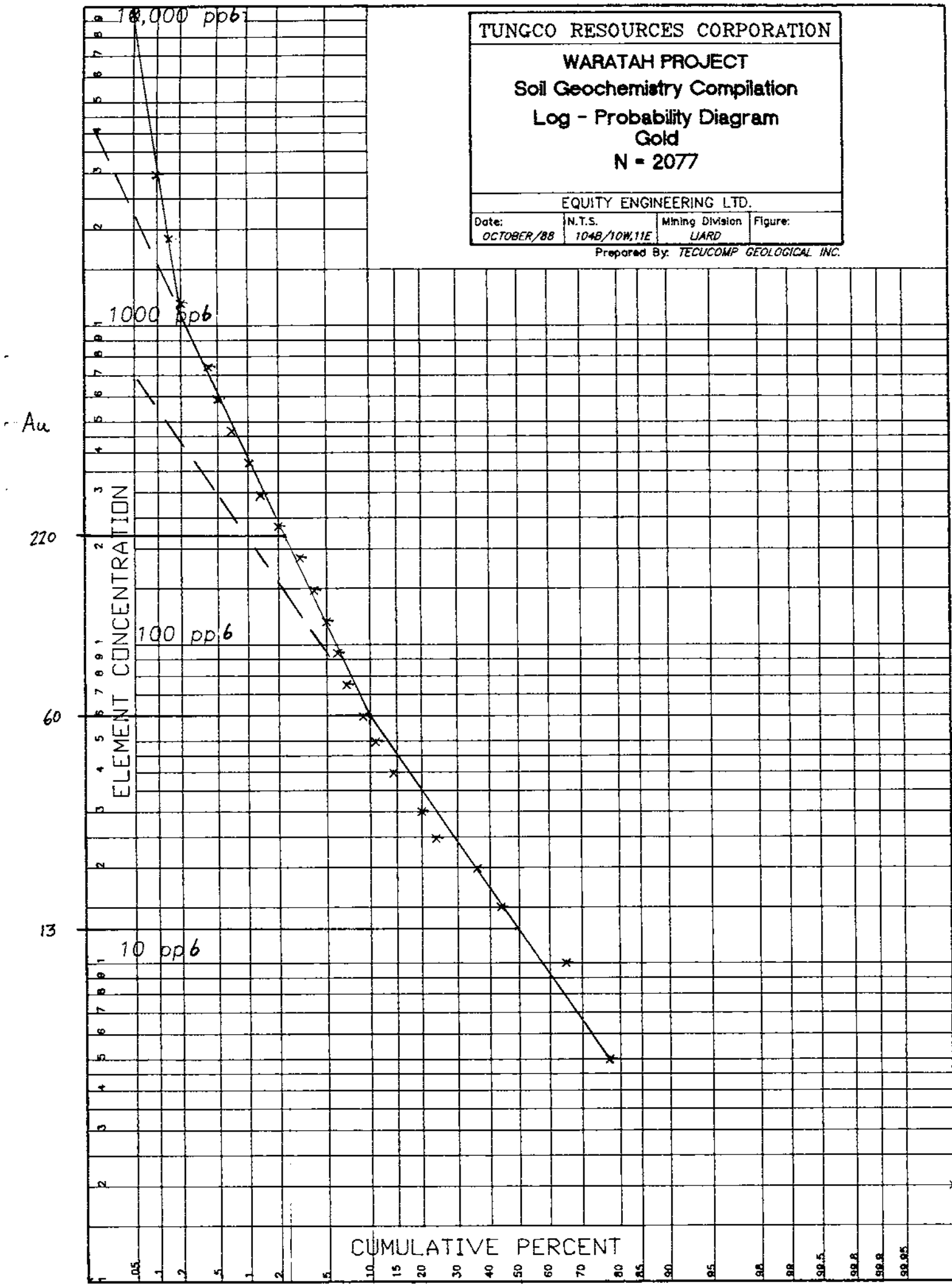
TUNGCO RESOURCES CORPORATION

WARATAH PROJECT
 Soil Geochemistry Compilation
 Log - Probability Diagram
 Gold
 N = 2077

EQUITY ENGINEERING LTD.

Date:	N.T.S.	Mining Division	Figure:
OCTOBER/88	104B/10W,11E	LJARD	

Prepared By: TECUCOMP GEOLOGICAL INC.



11/10/88

P O N D C A D S E R V I C E S
 MAPPER-CAD SOFTWARE
 LOG-PROBABILITY TABLE (LEPELTIER TABLE)
 =====

LOWER LOG LIMIT INTERVAL	LOWER CONCENTRATION LIMIT	SAMPLE POPULATION TALLY	CUMMULATIVE SUM	CUMMULATIVE PERCENT
-0.13	0	0	2077	100.00
-0.03	1	445	2077	100.00
0.27	2	66	1632	78.57
0.47	3	122	1566	75.40
0.57	4	100	1444	69.52
0.67	5	115	1344	64.71
0.77	6	230	1229	59.17
0.87	8	151	999	48.10
0.97	10	186	848	40.83
1.07	12	180	662	31.87
1.17	15	124	482	23.21
1.27	19	110	358	17.24
1.37	24	61	248	11.94
1.47	30	45	187	9.00
1.57	38	39	142	6.84
1.67	47	25	103	4.96
1.77	59	22	78	3.76
1.87	75	14	56	2.70
1.97	94	10	42	2.02
2.07	118	9	32	1.54
2.17	148	8	23	1.11
2.27	187	6	15	0.72
2.37	235	3	9	0.43
2.47	296	1	6	0.29
2.57	372	0	5	0.24
2.67	468	1	5	0.24
2.77	589	0	4	0.19
2.87	742	1	4	0.19
2.97	934	0	3	0.14
3.07	1175	1	3	0.14
3.17	1480	0	2	0.10
3.27	1863	0	2	0.10
3.37	2345	1	2	0.10
3.47	2952	1	1	0.05
3.57	3716	0	0	0.00
3.67	4678	0	0	0.00
3.77	5889	0	0	0.00

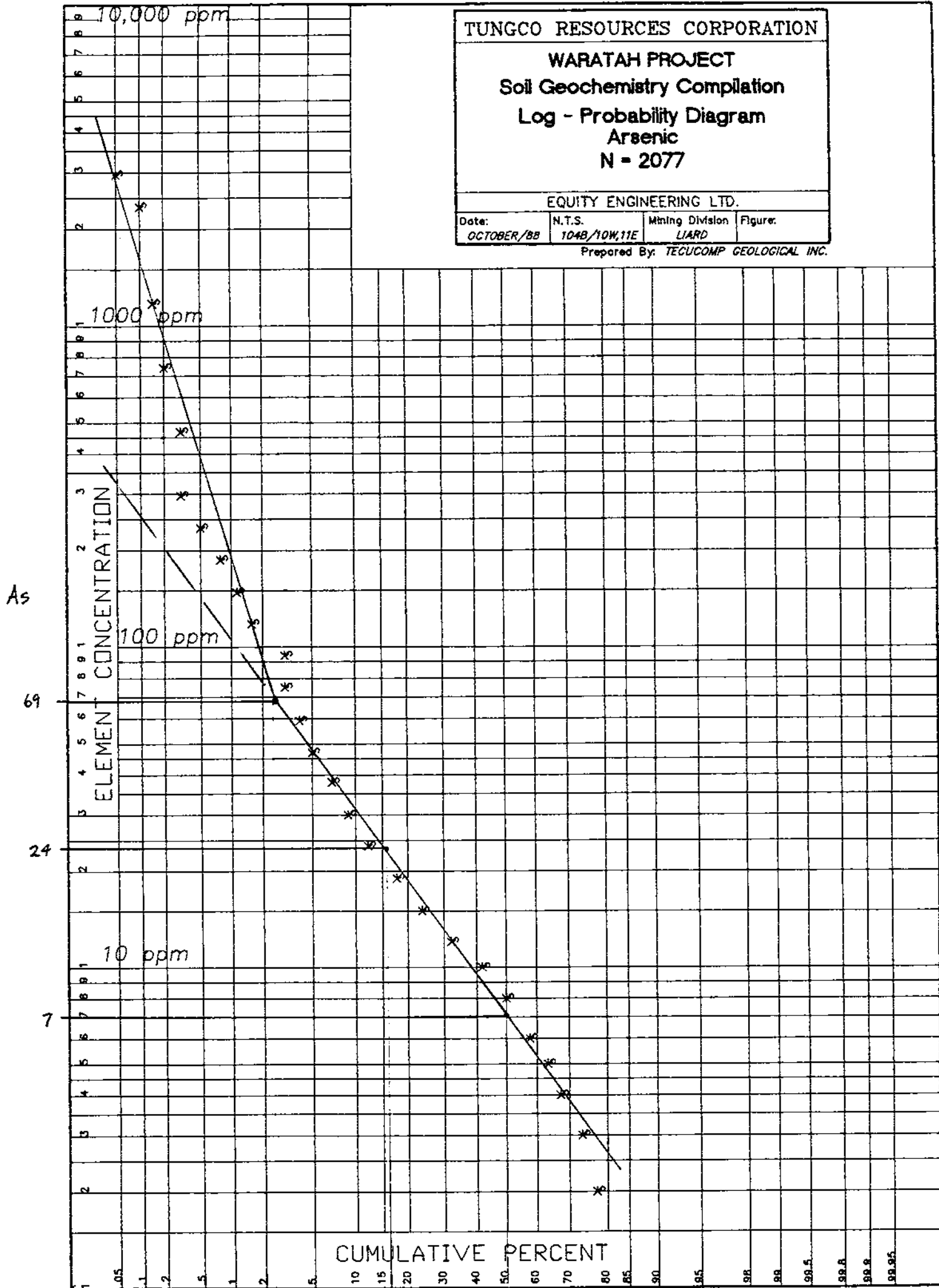
TUNGCO RESOURCES CORPORATION

WARATAH PROJECT
 Soil Geochemistry Compilation
 Log - Probability Diagram
 Arsenic
 N = 2077

EQUITY ENGINEERING LTD.

Date:	N.T.S.	Mining Division	Figure:
OCTOBER/88	104B/10W,11E	LIARD	

Prepared By: TECUCOMP GEOLOGICAL INC.



APPENDIX F

GEOPHYSICAL REPORT - S.J.V. CONSULTANTS LTD.

PROTON PRECESSION MAGNETOMETER SURVEY

&

2 FREQUENCY VLF - EM SURVEY

ON THE

WARATAH CLAIMS

Bug Lake - Iskut River Area

for

EQUITY ENGINEERING LTD.

and

TUNGCO RESOURCES CORPORATION

Liard M. D., B.C.

N.T.S: 104 B/10W & 11E

Lat: $56^{\circ} - 41' N$ Long: $130^{\circ} - 59' W$

December 1988

Report by
Syd Visser and
John Ashenurst
S.J.V. Consultants Ltd.

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INTRODUCTION

A VLF-EM and magnetometer survey was completed on the Waratah claims, in the Bug Lake - Iskut River area, for Tungco Resources Corporation by S.J.V. Consultants Ltd. at the request of Equity Engineering LTD.

The purpose of the survey was to extend the area surveyed in 1987 to the south west and to detail some area in the search for gold bearing structures.

All the data collected from the 1987 and 1988 field survey were combined for the purpose of this report.

FIELD WORK

Mobilization commenced July 6, 1988 from Vancouver to Smithers by scheduled airline and was completed July 7 to the Bronson strip by charter airline and to the Bug Lake camp by helicopter.

The magnetometer survey and the two frequency VLF-EM surveys commenced July 8 and was completed August 9. No surveying was performed on these claims from July 24 to 30, 1988.

A Gem Systems Ltd. model GSM-8 proton precession magnetometer and a Geonics Ltd. model EM-16(R) VLF receiver were employed for the surveys. Data was processed and plotted on site with a Zenith Data Systems computer and a Roland DG PR-1111A printer. Printer plots were generated when surveys were completed on grids or portions of grids.

The grids surveyed were mainly established by Equity Engineering Ltd. and were similarly located as those surveyed by Equity for soil geochemistry. The main survey direction was N40E crossed by cut lines at 100M intervals and established at N50W. The majority of the grid lines were established at 50M intervals. Stations were flagged at 12.5M or 25M intervals and surveyed at 12.5M intervals.

Magnetic base stations were established along a baseline and corrected to the previous year's data. Data from each subsequent line surveyed was then "loop corrected" by periodically tying into one of the baseline base stations. All readings were taken with the sensor facing approximately magnetic north.

The two VLF (Very Low Frequency) transmitter stations employed for the EM (electromagnetic) surveys were NLK located at Jim Creek, Washington and NPM located at Lualualei, Hawaii. All readings using NLK (24.8 kHz) were taken facing approximately grid north-north-east. The in-phase (dip angle) components were Fraser filtered from south to north. Similarly, all readings using NPM (23.4 kHz) were taken facing approximately grid west and the corresponding (dip angle) in-phase components were Fraser filtered from east to west.

DATA PRESENTATION

The combined data collected during the 1987 and 1988 field seasons are presented as follows:

Main Grid, North-South Grid

PLATE G1A: Magnetics Survey Profiles
 PLATE G1B: Magnetics Survey Contours
 PLATE G2A: VLF-EM Profiles - NLK
 Dip Angle and Quadrature
 PLATE G2B: VLF-EM Profiles - NLK
 Fraser Filtered Dip Angle /% Slope
 PLATE G2C: VLF-EM Contours - NLK
 Fraser Filtered Dip Angle
 PLATE G 4 : COMPILATION MAP

East-West Grid South Half

PLATE GS1A: Magnetics Survey Profiles
 PLATE GS1B: Magnetics Survey Contours
 PLATE GS3A: VLF-EM Profiles - NPM
 Dip Angle and Quadrature
 PLATE GS3B: VLF-EM Profiles - NPM
 Filtered Dip Angle /% Slope
 PLATE GS3C: VLF-EM Contours - NPM
 Fraser Filtered Dip Angle
 PLATE GS4 : COMPILATION MAP

Main Grid, East-West Grid, North Half

PLATE GN1A: Magnetics Survey Profiles
PLATE GN1B: Magnetics Survey Contours
PLATE GN3A: VLF-EM Profiles - NPM
Dip Angle and Quadrature
PLATE GN3B: VLF-EM Profiles - NPM
Dip Angle Filtered Dip Angle
PLATE GN3C: VLF-EM Contours - NPM
Fraser Filtered Dip Angle
PLATE GN4 : COMPILATION MAP

South-West Grids (& Ridge Grid)

PLATE GSW1A: Magnetics Survey Profiles
PLATE GSW1B: Magnetics Survey Contours
PLATE GSW2A: VLF-EM Profiles - NLK
Dip Angle and Quadrature
PLATE GSW2B: VLF-EM Profiles - NLK
Dip Angle Filtered Dip Angle
PLATE GSW2C: VLF-EM Contours - NLK
Fraser Filtered Dip Angle
PLATE GSW3A: VLF-EM Profiles - NPM
Dip Angle and Quadrature
PLATE GSW3B: VLF-EM Profiles - NPM
Dip Angle Filtered Dip Angle
PLATE GSW3C: VLF-EM Contours - NPM
Fraser Filtered Dip Angle
PLATE GSW4 : COMPILATION MAP

INTERPRETATION

The following attempt to interpret the data collected over the past two summers is more designed to point out, in conjunction with the accompanying maps, the anomalies present on the survey property. The bulk of the anomalies are short wavelength and have short strike length. In addition, data presented on north-south lines often appears to conflict with data over the same area on east-west lines which may be due to poor line control due to topography and dense bush, the short strike length of the anomalies and the different strike direction of the short anomalies. Because of the above reasons the magnetic data from the East-West and North-South grids, in the main grid area, could not be combined to produce a single contour map and they were therefore plotted on individual grids.

As stated, the intention of this report is to bring to the attention of the reader the anomaly locations which can be correlated with other available data or further prospecting to aid in explaining each anomaly.

MAIN GRID

North-South Grid

There are numerous VLF-EM and magnetic anomalies throughout the grid area as seen on Plates G 1A, 1B, 2B, 2C and the compilation map Plate G4 of which most have a short strike length and are difficult to trace from line to line.

The main VLF-EM anomalies that stand apart from the remainder weak anomalies are as follows:

- 1) The anomaly striking across line 50E and O at approximately 350N. (this region includes a Max-Min survey and described in the 1987 report)

2) The anomaly striking across line 200W to 500W between 0 and 100N, this anomaly is open to the east of line 200W and is the strongest at this point. The anomalies in this region may be partly due to topography.

3) The short strike length anomaly between lines 600W and 650W at approximately 100S.

4) The short strike length anomaly on lines 950W and 1050W between 1000S and 900S. This anomaly appears to be multiple conductor or possibly a conductive block.

The remainder of the VLF-EM anomalies are weak and possibly due to topography.

The magnetic data indicates a number of contact zones in the survey area as indicated by the three narrow horseshoe shaped magnetic anomalies. The extension of the horseshoe shape is probably magnetic volcanic rocks. The remainder of the magnetic anomalies indicate local magnetic highs of which the most dominant one is the magnetic anomaly located on the SW corner of the grid.

East West Grid South Half

There are a number of NS striking VLF-EM anomalies striking across the survey area as shown on Plates GS 1A, 1B, 3A, 3B, 3C and compilation map GS4. The most dominant anomaly is a conductor striking across lines 600S and 400S between 500W. This conductor may be offset to the east, north of line 400S, where there is a possibility that the conductor continues east of the grid. There is also some indication that there is a strong conductor to the east of the grid between lines 1000S and 700S.

The strongest part of the anomaly striking across lines 1200S to 500S in a NE (grid) direction between approximately

1300W and 800W is north of line 700S. The weaker part of the anomaly, south of line 700S, may be displaced from the stronger anomaly or be a separate anomaly. Two other strong short strike length anomalies are located on lines 1000S and 900S between 1600W and 1500W and on lines 1200S and 1100S at approximately 1675W.

The remainder of the weak VLF-EM anomalies located in the survey area may be due to topography or fault zones. The apparent noisy data on line 0 may be due to the line striking parallel to a fault zone. Although the VLF-EM data indicates that there may be an offset in the geology across line 0 there is no indication of this in the magnetic data.

The magnetic data indicates a number of magnetically active areas, as outlined on the compilation map, possibly due to variable magnetite content of volcanic rock. Although the contact as outlined by the magnetic data is up to 100m away from a weak VLF-EM anomaly they may represent the same geological contact.

East-West Grid North Half

This area was surveyed in the 1987 field season and was reported on during that time the data was replotted for this report at a different scale on Plates GN 1A, 1B, 3A, 3B, and compilation map GN4.

The main VLF-EM conductors appear to be east of the grid area between lines 0 and 600N and possibly continues into the survey area across lines 700 to 900N between approximately 500 and 600E.

There is also a possibility of an other conductor east of the grid between lines 700N and 1300N.

The only other showing conductor is on lines 200N and 300N at approximately 75W. The magnetic anomalies as shown on the compilation map outline a magnetic quiet area.

SOUTH-WEST (& RIDGE) GRIDS

The VLF-EM and magnetic data collected on the South-West and Ridge grids were plotted on plates GSW1A, 1B, 2A, 2B, 2C, 3A and 3B. The location of the VLF-EM and Magnetic anomalies were plotted on compilation map, plate GSW4.

The main VLF-EM anomalies on the ridge grid, striking across lines 2200w to 2500w between 1900S and 1800S, follow the northern edge of a sharp ridge. It is therefore difficult to separate the effect due to topography and the effect from a conductor(s) in this high amplitude anomaly. A second weaker anomaly is noted north of the ridge on the northern edge of the grid.

The other area of interest although the anomalies are of apparent short strike length, is the region between lines 2400W and 2450W and the baseline (2000S) and 1970S. This region exhibits a number of VLF-EM and corresponding magnetic anomalies. Because the conductors are found on both the cross-lines and the baseline, from separate VLF-EM transmitter stations, and the short strike length of the conductors it is difficult to establish a direction of the strike although they must be good conductors.

The weaker conductors striking NE from the above conductors may be due to a contact or fault zone.

A number of local weak anomalies were also noted on the remainder of this grid and the South-West grid which should be investigated although they may be due to topography.

A strong magnetic anomaly is located on the NW corner of the South-West grid and a weaker anomaly on the NE end of the Ridge grid.

RECOMMENDATION

All of the geophysical data especially the VLF-EM anomalies should be correlated to known geology, geochemical and geographic data to aid in further interpretation of the data especially to establish possible strike and significants of the short strike length conductors. It should be remembered that a apparently weak short strike length conductors may indicate a good but small conductor. All the anomalies that cannot be explained by known showings geological structure or topography should be investigated in the field. Greater care should be taken in establishing better control between the North-South grid and East-West grid in any future surveys. A computer program could be made available to update tie point as they become available in the field and adjust the grid accordingly.


CONCLUSION

A number of VLF-EM conductors were located on all the grids surveyed. All of these conductors warrant further investigation. The short strike length of some of the conductors along with topography effects and variable conductivity along the strike length make quantitative interpretation of the anomalies difficult.

The magnetic data on most of the grid is highly variable consisting of short wavelength and strike length features probably due to variable magnetite content of volcanic rocks. Some regions of rocks with a low and evenly distributed magnetic content were outlined.

There appears to be very little coincidence between the magnetic and VLF-EM anomalies.

Syd Visser B.Sc. F.G.A.C.


Geophysicist
S.J.V. Consultants Ltd.

John R. Ashenhurst, A.Sc.T.

Technologist
S.J.V. Consultants Ltd.

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Syd J. Visser, of 8081 - 112th Street, Delta, British Columbia, hereby certify that,

- 1) I am a graduate from the University of British Columbia, 1981, where I obtained a B.Sc. (Hon.) Degree in Geology and Geophysics.
- 2) I am a graduate from Haileybury School of Mines, 1971.
- 3) I have been engaged in mining exploration since 1968.
- 4) I am a Fellow of the Geological Association of Canada.



Syd J. Visser, B.Sc., F.G.A.C.
Geophysicist

STATEMENT OF QUALIFICATIONS

I, JOHN R. ASHENHURST, of 13771 - 114A Avenue, Surrey,
British Columbia, hereby certify that:

- 1) I am a graduate of the Haileybury School of Mines, 1973
and 1974.
- 2) I have been engaged in mining exploration since 1971.
- 3) I am a Mining/Exploration Technologist certified by the
Applied Science Technicians and Technologists Association of
British Columbia.

John R. Ashenhurst, A.Sc.T.
Mining / Exploration Technologist

APPENDIX G

STATEMENT OF QUALIFICATIONS

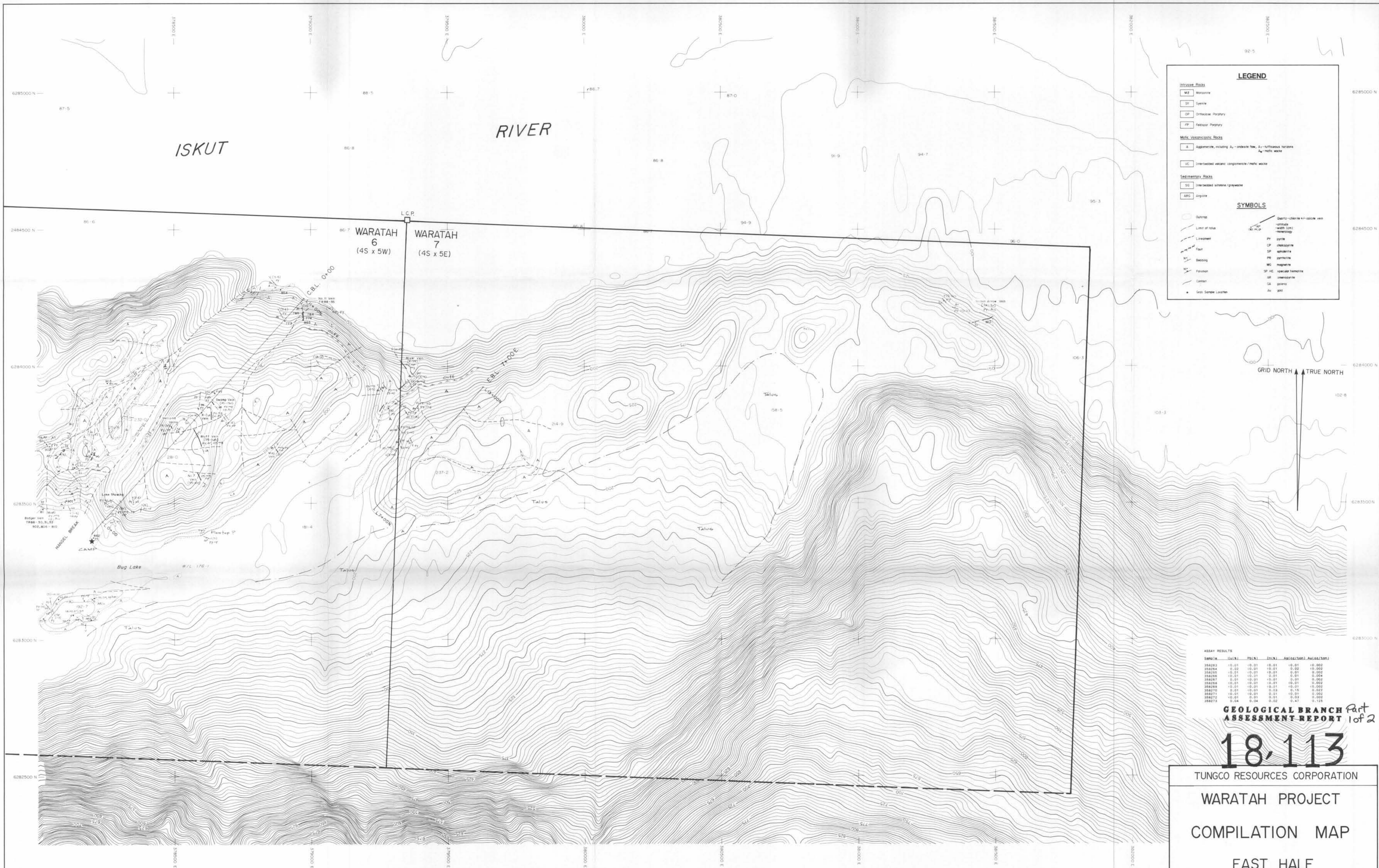
STATEMENT OF QUALIFICATIONS

I, DAVID A. CAULFIELD, of 3142 Gambier Street, Coquitlam, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 406, 675 West Hastings Street, Vancouver, British Columbia.
2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology.
3. THAT my primary employment since 1978 has been in the field of mineral exploration.
4. THAT my experience has encompassed a wide range of geological environments and has allowed considerable familiarization with geophysical, geochemical, and diamond drilling techniques.
5. THAT this report is based on fieldwork carried out under my direct supervision from June through September 1988, government publications and assessment reports filed with the Province of British Columbia.
6. THAT I have no interest, nor do I expect to acquire any interest in the property or securities of Tungco Resources Corporation or any of its affiliates.

DATED at Vancouver, British Columbia, this _____ day of December, 1988.

David A. Caulfield, Geologist



LEGEND

Intrusive Rocks

- MZ Monzonite
- SP Syenite
- QP Quartzose Porphyry
- FP Felsic Porphyry

Metre Volcanic Rocks

- A Agglomerate, including A₁ - andesite flow, A₂ - rhyolite horizons, A₃ - mafic wackes
- VC Interbedded volcanic conglomerate / mafic wacke

Sedimentary Rocks

- SG Interbedded siltstone / greywacke
- APG Argillite

SYMBOLS

- Outcrop
- Limit of talus
- - - Fault
- ▬ Bedding
- ⊙ Pit
- ⊙ Contour
- Grid Sample Location

Quartz-chlorite v. calcite vein
with (or) hematite
pyrite
chloropyrite
sphalerite
pyrrhotite
magnetite
SP - special sampling
AB - amphibole
GA - galena
Au - gold

ASSAY RESULTS

SAMPLE	CU(L)	PN(L)	ZN(L)	Ag10Z(S0N)	Ag10Z(S0N)
38223	0.01	0.01	0.01	0.01	0.002
38224	0.02	0.01	0.01	0.02	0.002
38225	0.01	0.01	0.01	0.01	0.002
38226	0.01	0.01	0.01	0.01	0.004
38227	0.01	0.01	0.01	0.01	0.002
38228	0.01	0.01	0.01	0.01	0.002
38229	0.01	0.01	0.01	0.01	0.002
38230	0.01	0.01	0.02	0.18	0.022
38231	0.01	0.01	0.01	0.01	0.002
38232	0.01	0.01	0.01	0.03	0.002
38233	0.04	0.04	0.02	0.47	0.125

GEOLOGICAL BRANCH Part
ASSESSMENT REPORT 1 of 2

18,113

TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

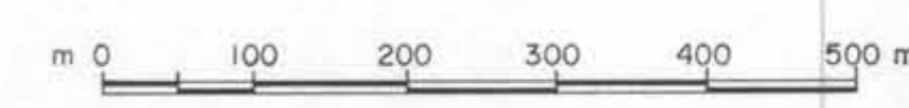
COMPILATION MAP

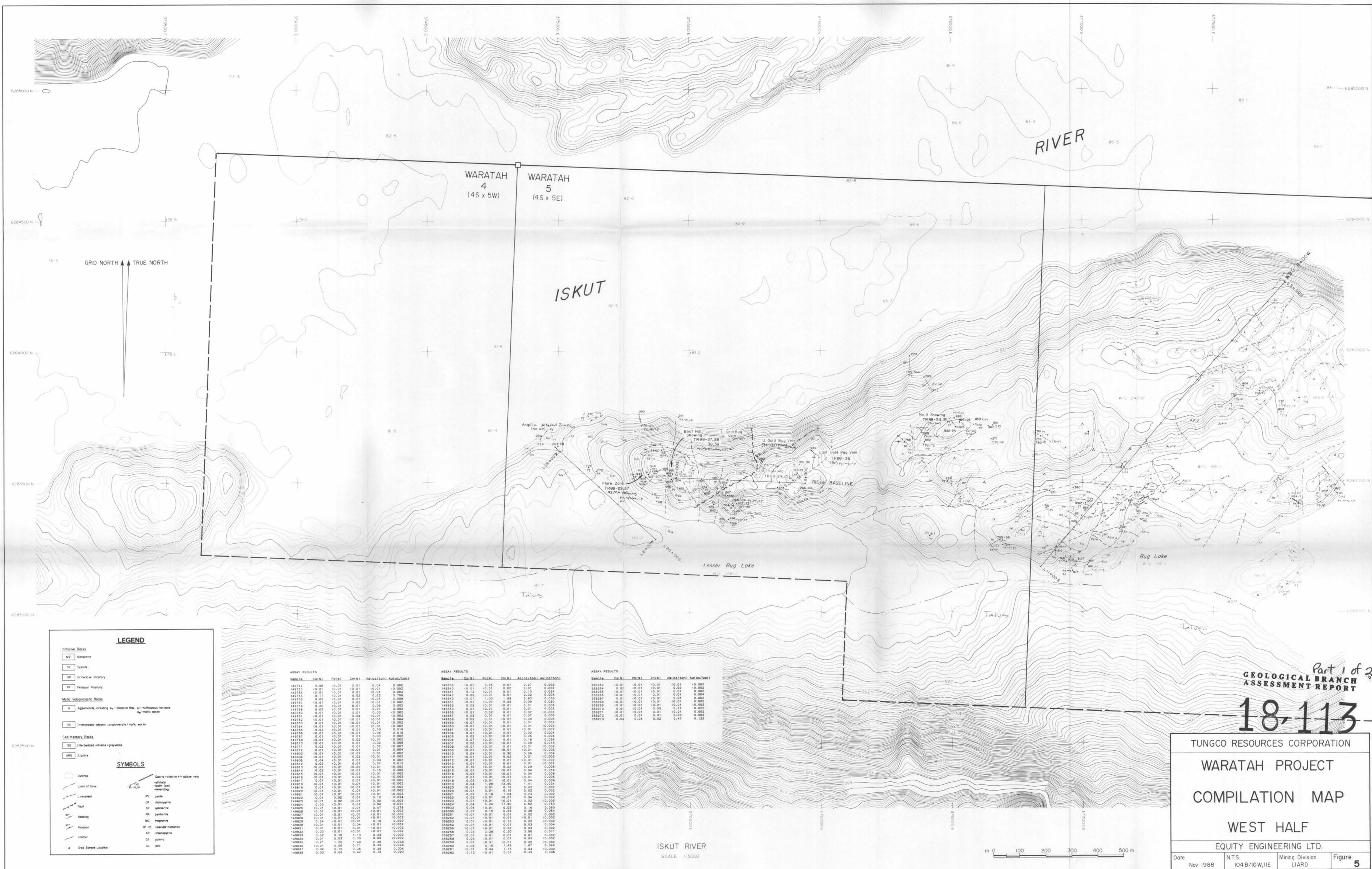
EAST HALF

EQUITY ENGINEERING LTD.

Date	Nov 1988	NTS	104 B/10W, 11E	Mining Division	LIARD	Figure	4
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ISKUT RIVER
SCALE 1:5000





GRID NORTH ↑ TRUE NORTH

WARATAH 4
(4S x 5W)

WARATAH 5
(4S x 5E)

RIVER

ISKUT

Lesser Bug Lake

Bug Lake

Talus

Part 1 of 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18-113

TUNGCO RESOURCES CORPORATION
WARATAH PROJECT
COMPILATION MAP
WEST HALF

EQUITY ENGINEERING LTD.

Date: Nov 1988 N.T.S. Mining Division Figure 5
I04 B/I0 W, IIE LIARD

LEGEND

Intrusive Rocks

- MZ Monzonite
- ST Syenite
- CP Orthoclase Porphyry
- FP Feldspar Porphyry

Met. Volcaniclastic Rocks

- A Agglomerate, including A₁ - andesite flow, A₂ - tuffaceous horizons, A₃ - rhyolite wacke
- VC Interbedded volcanic conglomerate/metalic wacke

Sedimentary Rocks

- SS Interbedded siltstone/greywacke
- ARG Argillite

SYMBOLS

- Outcrop
- Quartz - calcite ± calcite vein
- width (cm)
- length (cm)
- Limit of talus
- Limestone
- PP Pyrite
- CP Chalcopyrite
- SP Sphalerite
- MR Magnetite
- ME Magnetite
- SP HE Sphalerite hematite
- AR Anhydrite
- GA Gypsum
- Au gold
- Grab Sample Location

ASSAY RESULTS

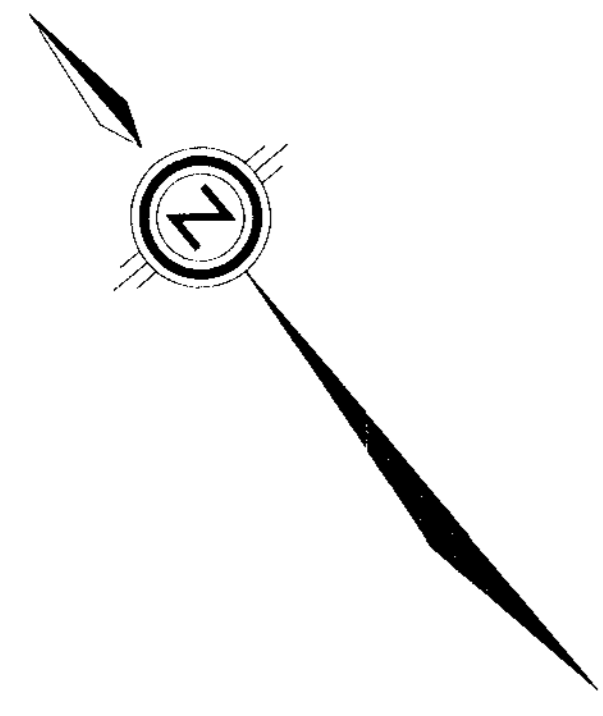
Sample	Cu (%)	Pb (%)	Zn (%)	Ag (oz/ton)	Au (oz/ton)
148152	0.05	0.01	0.01	0.04	0.002
148153	0.11	0.01	0.01	0.01	0.002
148154	0.01	0.01	0.01	0.01	0.004
148155	0.17	0.01	0.02	0.23	0.708
148156	0.02	0.01	0.01	0.01	0.008
148157	0.01	0.01	0.01	0.01	0.002
148158	0.20	0.01	0.01	0.06	0.002
148159	0.03	0.01	0.01	0.01	0.004
148160	0.01	0.01	0.01	0.03	0.002
148161	0.01	0.01	0.01	0.01	0.002
148162	0.01	0.01	0.01	0.01	0.002
148163	0.01	0.01	0.01	0.01	0.002
148164	0.03	0.01	0.01	0.10	0.018
148165	0.01	0.01	0.01	0.03	0.002
148166	0.01	0.01	0.01	0.01	0.002
148167	0.01	0.01	0.01	0.01	0.002
148168	0.01	0.01	0.01	0.01	0.002
148169	0.01	0.01	0.01	0.01	0.002
148170	0.01	0.01	0.01	0.01	0.002
148171	0.01	0.01	0.01	0.01	0.002
148172	0.01	0.01	0.01	0.01	0.004
148173	0.01	0.01	0.01	0.01	0.002
148174	0.01	0.01	0.01	0.01	0.002
148175	0.01	0.01	0.01	0.01	0.002
148176	0.01	0.01	0.01	0.01	0.002
148177	0.01	0.01	0.01	0.01	0.002
148178	0.01	0.01	0.01	0.01	0.002
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148181	0.01	0.01	0.01	0.01	0.002
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148186	0.01	0.01	0.01	0.01	0.002
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148189	0.01	0.01	0.01	0.01	0.002
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148192	0.01	0.01	0.01	0.01	0.002
148193	0.01	0.01	0.01	0.01	0.002
148194	0.01	0.01	0.01	0.01	0.002
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148197	0.01	0.01	0.01	0.01	0.002
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148203	0.01	0.01	0.01	0.01	0.002
148204	0.01	0.01	0.01	0.01	0.002
148205	0.01	0.01	0.01	0.01	0.002
148206	0.01	0.01	0.01	0.01	0.002
148207	0.01	0.01	0.01	0.01	0.002
148208	0.01	0.01	0.01	0.01	0.002
148209	0.01	0.01	0.01	0.01	0.002
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148212	0.01	0.01	0.01	0.01	0.002
148213	0.01	0.01	0.01	0.01	0.002
148214	0.01	0.01	0.01	0.01	0.002
148215	0.01	0.01	0.01	0.01	0.002
148216	0.01	0.01	0.01	0.01	0.002
148217	0.01	0.01	0.01	0.01	0.002
148218	0.01	0.01	0.01	0.01	0.002
148219	0.01	0.01	0.01	0.01	0.002
148220	0.01	0.01	0.01	0.01	0.002
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148222	0.01	0.01	0.01	0.01	0.002
148223	0.01	0.01	0.01	0.01	0.002
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148225	0.01	0.01	0.01	0.01	0.002
148226	0.01	0.01	0.01	0.01	0.002
148227	0.01	0.01	0.01	0.01	0.002
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148233	0.01	0.01	0.01	0.01	0.002
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148242	0.01	0.01	0.01	0.01	0.002
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148244	0.01	0.01	0.01	0.01	0.002
148245	0.01	0.01	0.01	0.01	0.002
148246	0.01	0.01	0.01	0.01	0.002
148247	0.01	0.01	0.01	0.01	0.002
148248	0.01	0.01	0.01	0.01	0.002
148249	0.01	0.01	0.01	0.01	0.002
148250	0.01	0.01	0.01	0.01	0.002
148251	0.01	0.01	0.01	0.01	0.002
148252	0.01	0.01	0.01	0.01	0.002

ASSAY RESULTS

Sample	Cu (%)	Pb (%)	Zn (%)	Ag (oz/ton)	Au (oz/ton)
148253	0.01	0.01	0.01	0.01	0.002
148254	0.01	0.01	0.01	0.01	0.002
148255	0.01	0.01	0.01	0.01	0.002
148256	0.01	0.01	0.01	0.01	0.002
148257	0.01	0.01	0.01	0.01	0.002
148258	0.01	0.01	0.01	0.01	0.002
148259	0.01	0.01	0.01	0.01	0.002
148260	0.01	0.01	0.01	0.01	0.002
148261	0.01	0.01	0.01	0.01	0.002
148262	0.01	0.01	0.01	0.01	0.002
148263	0.01	0.01	0.01	0.01	0.002
148264	0.01	0.01	0.01	0.01	0.002
148265	0.01	0.01	0.01	0.01	0.002
148266	0.01	0.01	0.01	0.01	0.002
148267	0.01	0.01	0.01	0.01	0.002
148268	0.01	0.01	0.01	0.01	0.002
148269	0.01	0.01	0.01	0.01	0.002
148270	0.01	0.01	0.01	0.01	0.002
148271	0.01	0.01	0.01	0.01	0.002
148272	0.01	0.01	0.01	0.01	0.002
148273	0.01	0.01	0.01	0.01	0.002
148274	0.01	0.01	0.01	0.01	0.002
148275	0.01	0.01	0.01	0.01	0.002
148276	0.01	0.01	0.01	0.01	0.002
148277	0.01	0.01	0.01	0.01	0.002
148278	0.01	0.01	0.01	0.01	0.002
148279	0.01	0.01	0.01	0.01	0.002
148280	0.01	0.01	0.01	0.01	0.002
148281	0.01	0.01	0.01	0.01	0.002
148282	0.01	0.01	0.01	0.01	0.002

ASSAY RESULTS

Sample	Cu (%)	Pb (%)	Zn (%)	Ag (oz/ton)	Au (oz/ton)
148283	0.01	0.01	0.01	0.01	0.002
148284	0.01	0.01	0.01	0.01	0.002
148285	0.01	0.01	0.01	0.01	0.002
148286	0.01	0.01	0.01	0.01	0.002
148287	0.01	0.01	0.01	0.01	0.002
148288	0.01	0.01	0.01	0.01	0.002
148289	0.01	0.01	0.01	0.01	0.002
148290	0.01	0.01	0.01	0.01	0.002
148291	0.01	0.01	0.01	0.01	0.002
148292	0.01	0.01	0.01	0.01	0.002
148293	0.01	0.01	0.01	0.01	0.002
148294	0.01	0.01	0.01	0.01	0.002
148295	0.01	0.01	0.01	0.01	0.002
148296	0.01	0.01	0.01	0.01	0.002
148297	0.01	0.01	0.01	0.01	0.002
148298	0.01	0.01	0.01	0.01	0.002
148299	0.01	0.01	0.01	0.01	0.002
148300	0.01	0.01	0.01	0.01	0.002
148301	0.01	0.01	0.01	0.01	0.002
148302	0.01	0.01	0.01	0.01	0.002
148303	0.01	0.01	0.01	0.01	0.002
148304	0.01	0.01	0.01	0.01	0.002
148305	0.01	0.01	0.01	0.01	0.002
148306	0.01	0.01	0.01	0.01	0.002
148307	0.01	0.01	0.01	0.01	0.002
148308	0.01	0.01	0.01	0.01	0.002
148309	0.01	0.01	0.01	0.01	0.002
148310	0.01	0.01	0.01	0.01	0.002
148311	0.01	0.01	0.01	0.01	0.002
148312	0.01	0.01	0.01	0.01	0.002
148313	0.01	0.01	0.01	0.01	0.002
148314	0.01	0.01	0.01	0.01	0.002
148315	0.01	0.01	0.01	0.01	0.002
148316	0.01	0.01	0.01	0.01	0.002
148317	0.01	0.01	0.01	0.01	0.002
148318	0.01	0.01	0.01	0.01	0.002
148319	0.01	0.01	0.01	0.01	0.002
148320	0.01	0.01	0.01	0.01	0.002
148321	0.01	0.01	0.01	0.01	0.002
148322	0.01	0.01	0.01	0.01	0.002
148323	0.01	0.01	0.01	0.01	0.002
148324	0.01	0.01	0.01	0.01	0.002
148325	0.01	0.01	0.01	0.01	0.002
1483					



Part 1 of 2
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**
18,113
 SCALE: 1:2500
 0 50 100 150 200 250
 meters

LEGEND

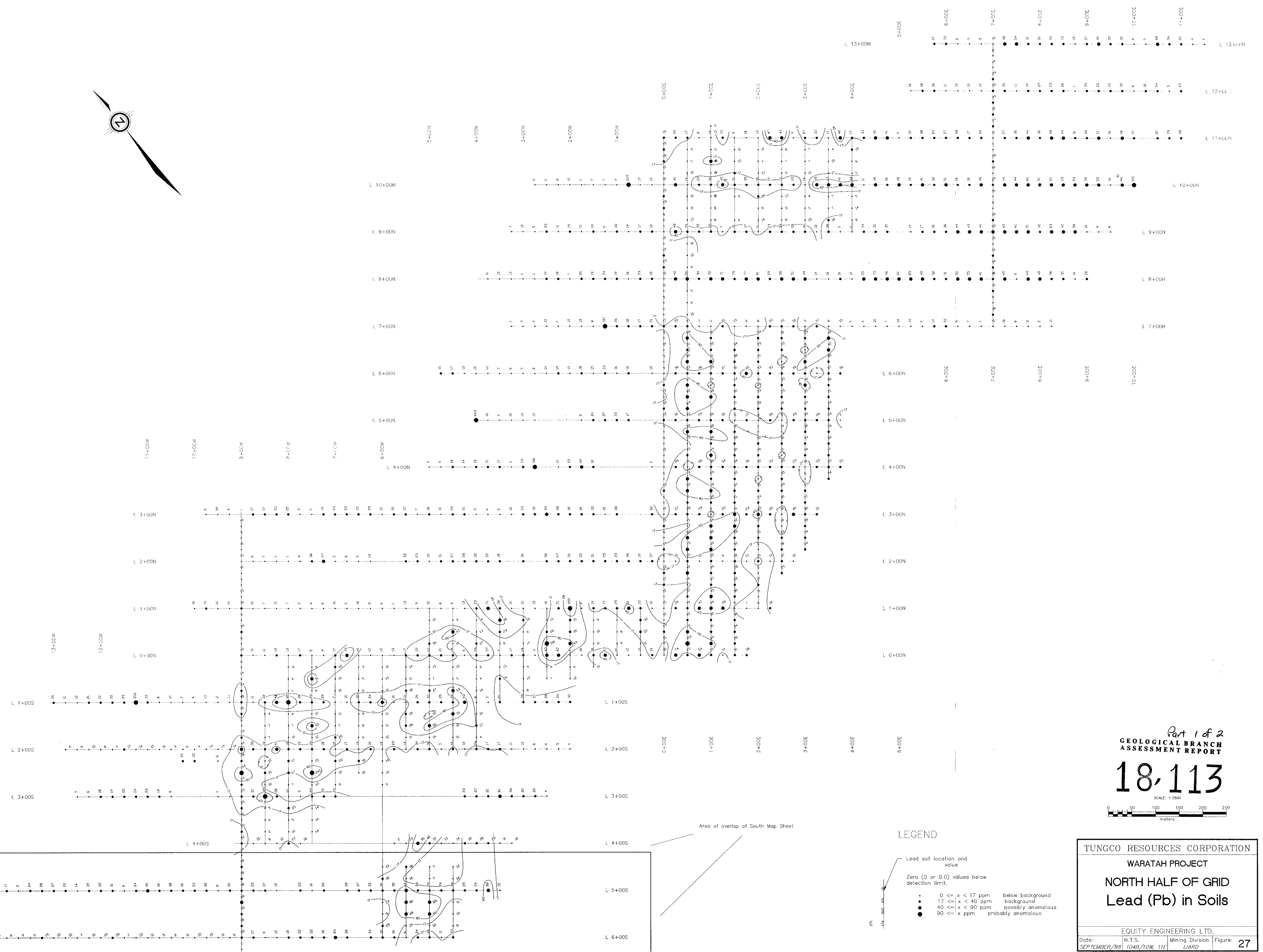
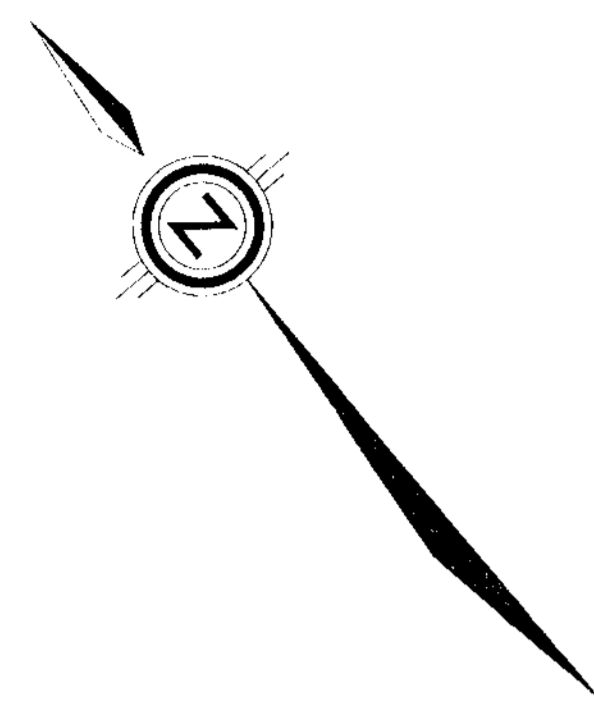
Copper soil location and value

Zero (0 or 0.0) values below detection limit.

- 0 ≤ x < 47 ppm below background
- 47 ≤ x < 100 ppm background
- 100 ≤ x < 220 ppm possibly anomalous
- 220 ≤ x probably anomalous

TUNGCO RESOURCES CORPORATION
WARATAH PROJECT
NORTH HALF OF GRID
Copper (Cu) in Soils

EQUITY ENGINEERING LTD.
 Date: SEPTEMBER/88 N.T.S. Mining Division Figure: 26
 104B/10W, 11E LIARD
 Prepared By: POND CAD SERVICES



Area of overlap of South Map Sheet

LEGEND

- Lead soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 <= x < 17 ppm below background
- 17 <= x < 40 ppm background
- 40 <= x < 90 ppm possibly anomalous
- 90 <= x ppm probably anomalous

Part 1 of 2
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

18,113

SCALE: 1:2500

TUNGCO RESOURCES CORPORATION

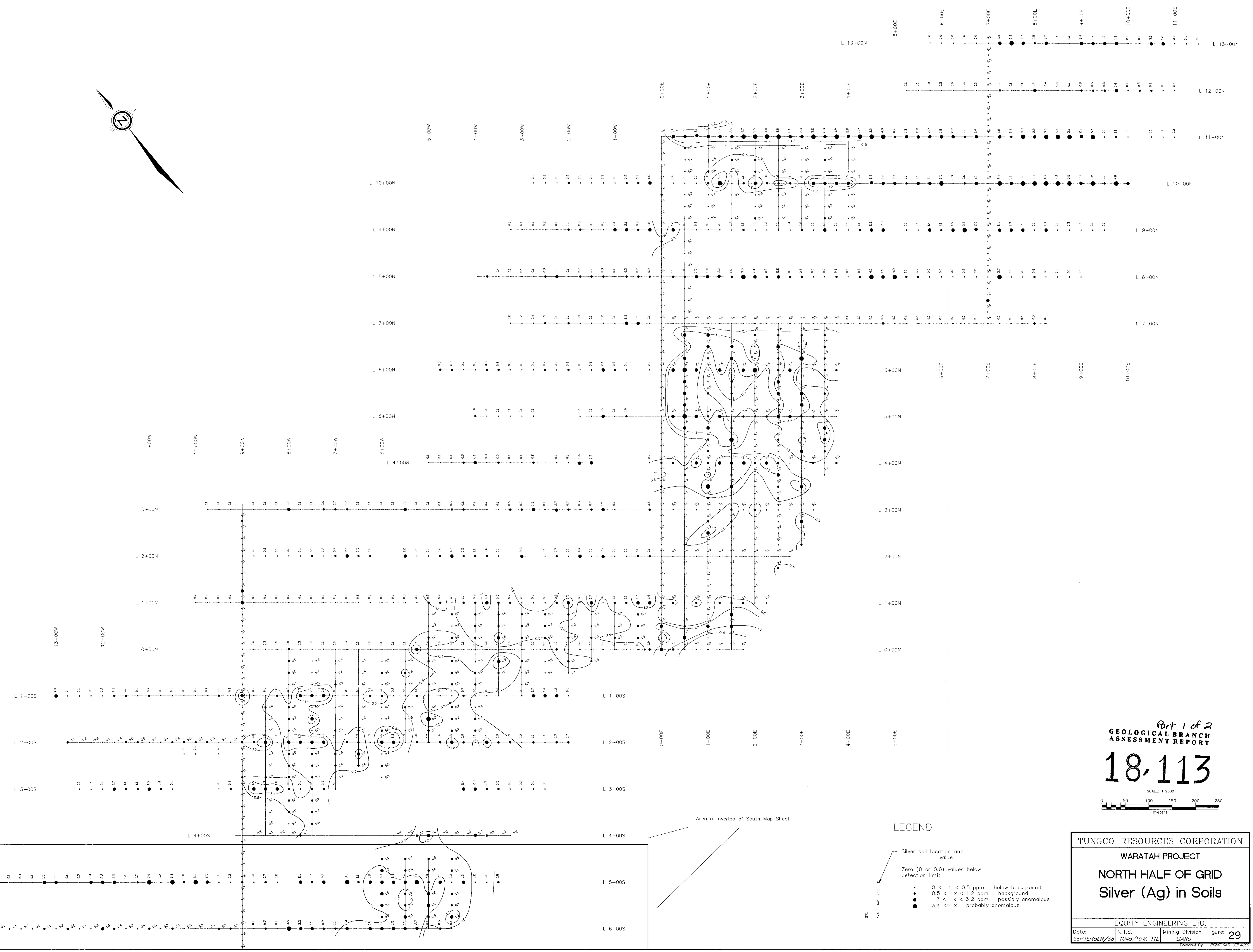
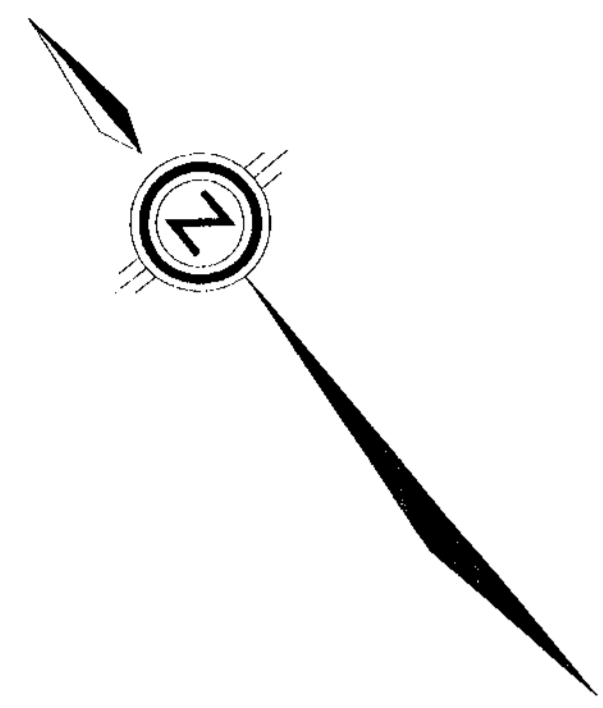
WARATAH PROJECT

NORTH HALF OF GRID

Lead (Pb) in Soils

EQUITY ENGINEERING LTD.

Date: N.T.S. Mining Division Figure: 27
SEPTEMBER/88 104B/10W, 11E LJARL
Prepared By: POND CAD SERVICES



Area of overlap of South Map Sheet

LEGEND

- Silver soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 <= x < 0.5 ppm below background
 - 0.5 <= x < 1.2 ppm background
 - 1.2 <= x < 3.2 ppm possibly anomalous
 - 3.2 <= x probably anomalous

Part 1 of 2

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

18,113

SCALE: 1:2500

TUNGCO RESOURCES CORPORATION

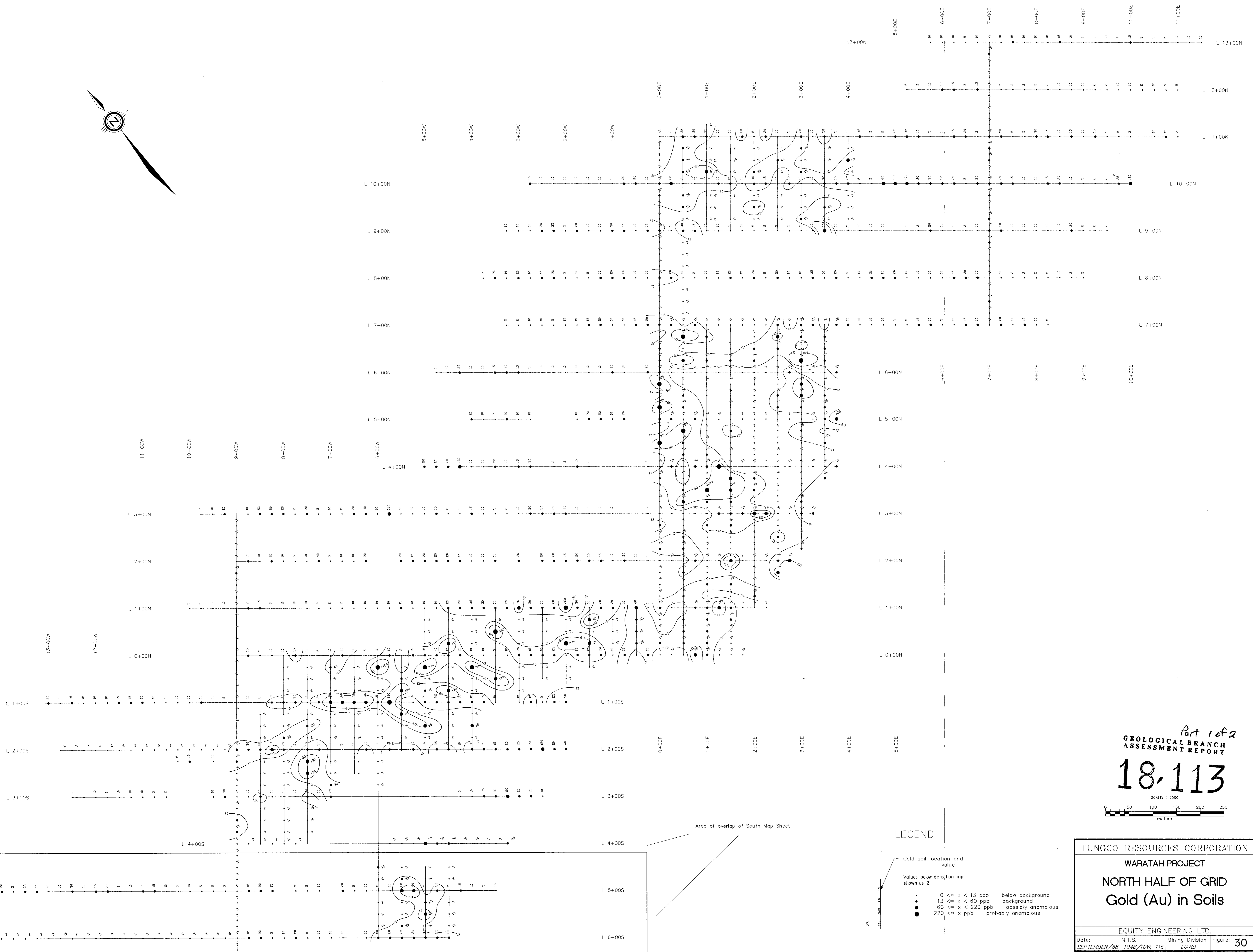
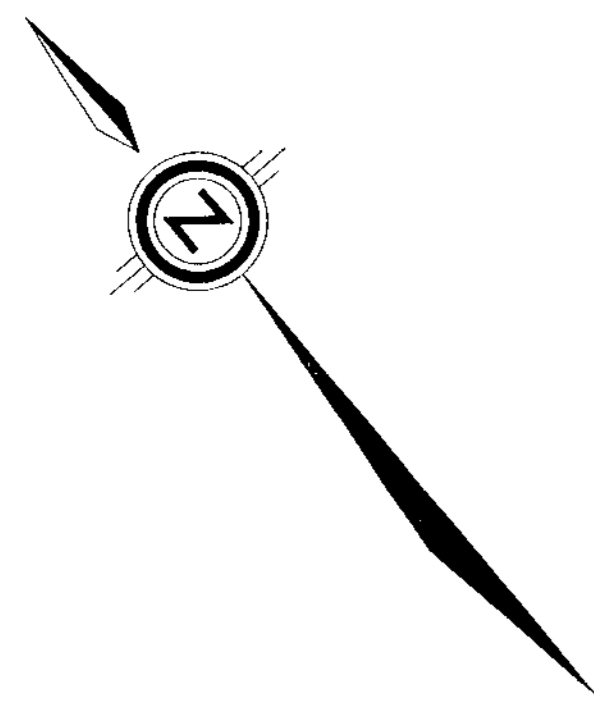
WARATAH PROJECT

NORTH HALF OF GRID

Silver (Ag) in Soils

EQUITY ENGINEERING LTD.

Date: SEPTEMBER/98 N.T.S. Mining Division Figure: 29
 Prepared by: LVARD LVARD
 Prepared by: PHOENIX SERVICES



Area of overlap of South Map Sheet

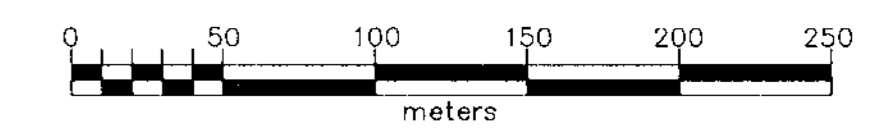
LEGEND

- Gold soil location and value
- Values below detection limit shown as 2
- 0 <= x < 13 ppb below background
 - 13 <= x < 60 ppb background
 - 60 <= x < 220 ppb possibly anomalous
 - 220 <= x ppb probably anomalous

Part 1 of 2
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

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SCALE: 1:2500



TUNGCO RESOURCES CORPORATION

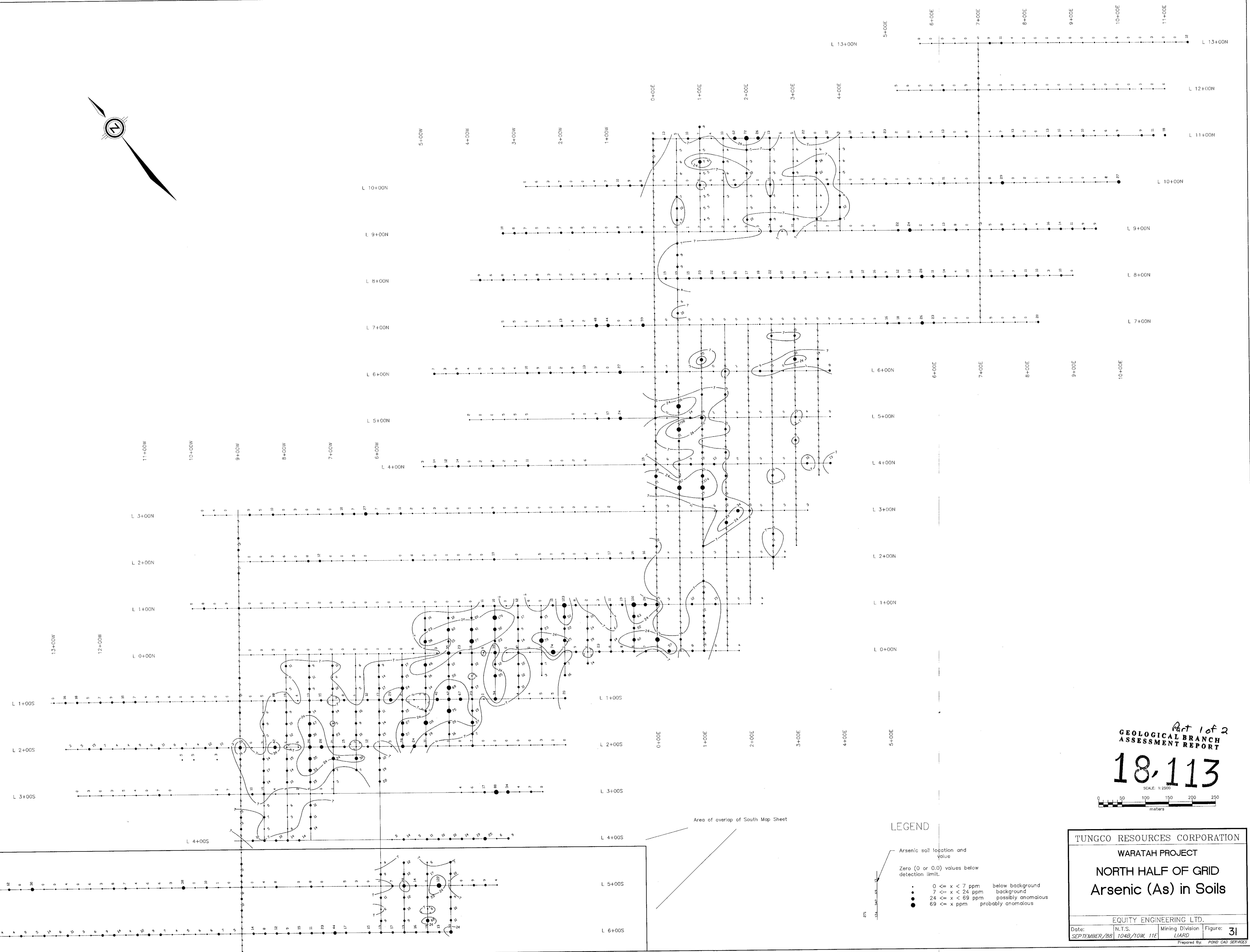
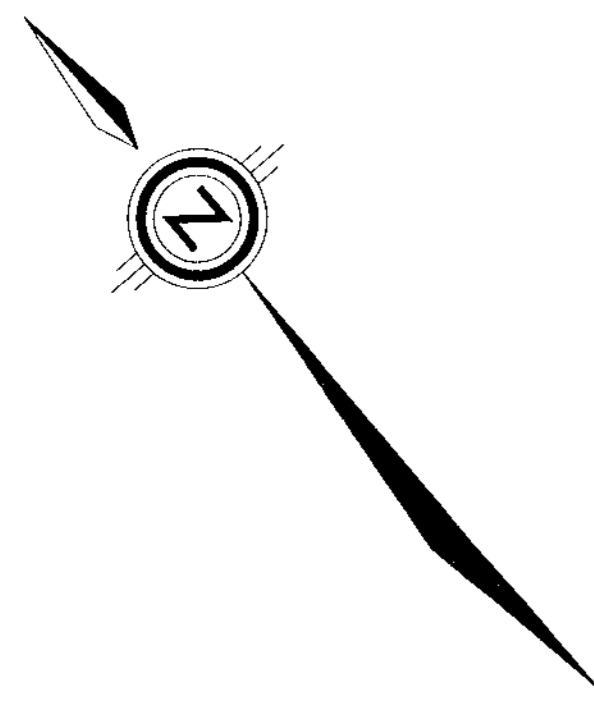
WARATAH PROJECT

NORTH HALF OF GRID

Gold (Au) in Soils

EQUITY ENGINEERING LTD.

Date: N.T.S. Mining Division Figure: 30
 SEPTEMBER/88 104B/10W, 11E LIARD
 Prepared By: POND CAD SERVICES



Area of overlap of South Map Sheet

LEGEND

- Arsenic soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 <= x < 7 ppm below background
- 7 <= x < 24 ppm background
- 24 <= x < 69 ppm possibly anomalous
- 69 <= x ppm probably anomalous

Part 1 of 2
GEOLOGICAL BRANCH
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SCALE: 1:2500

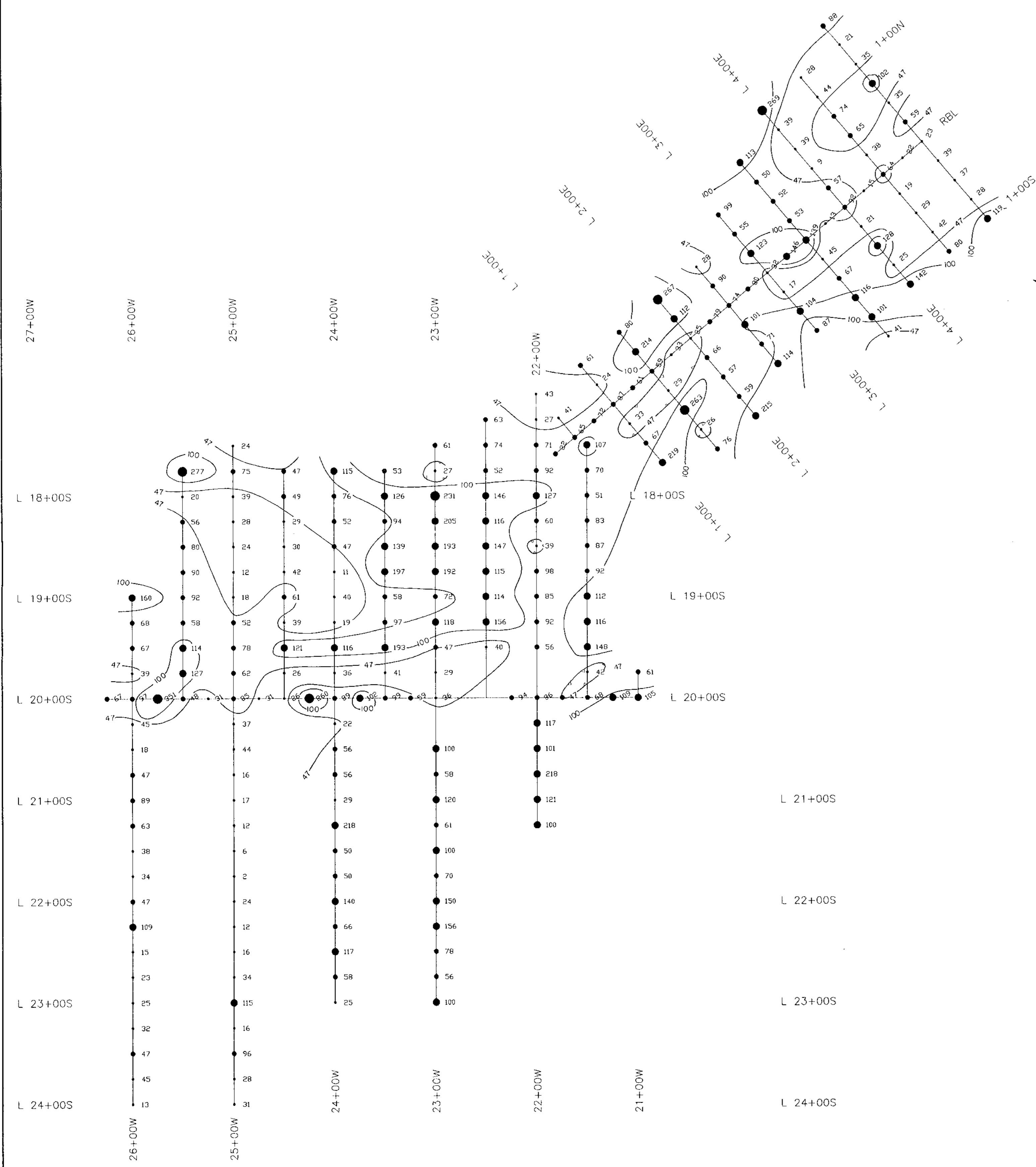
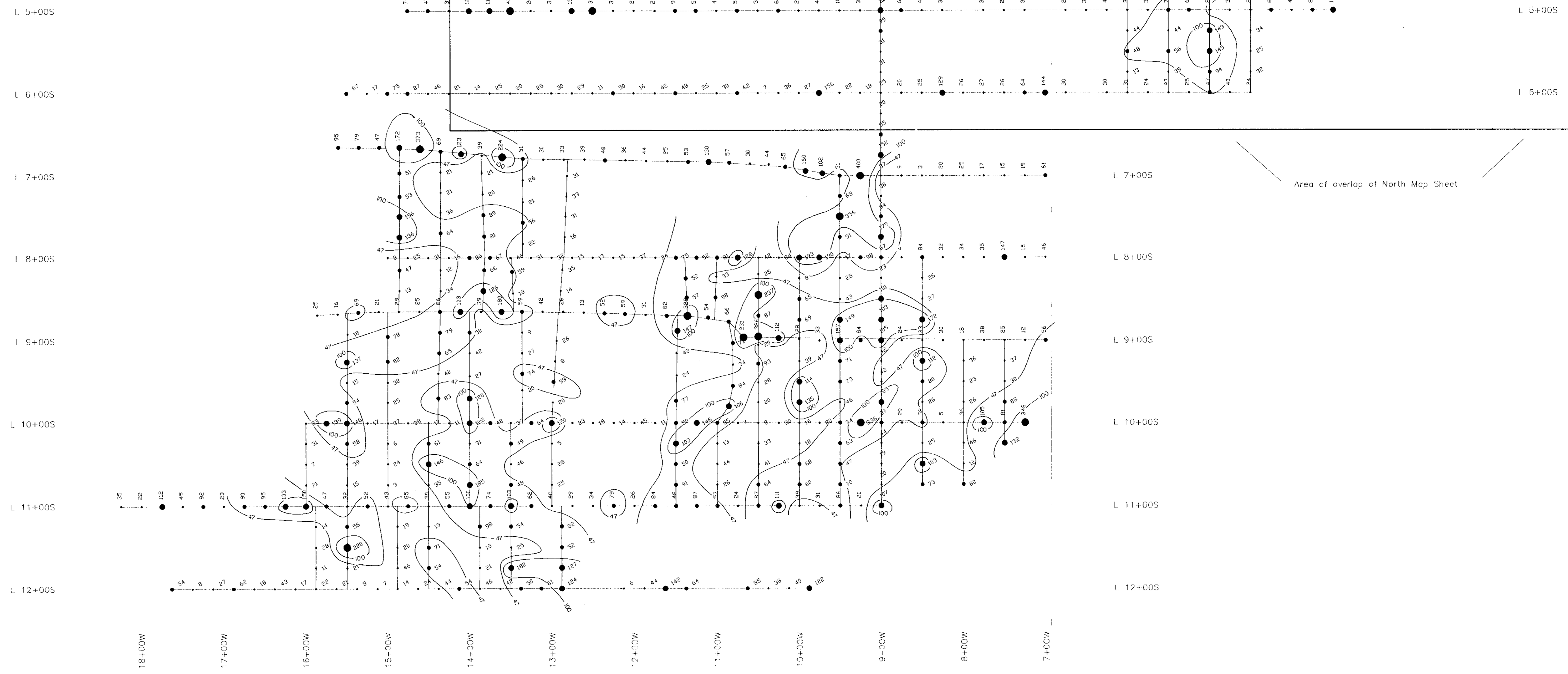
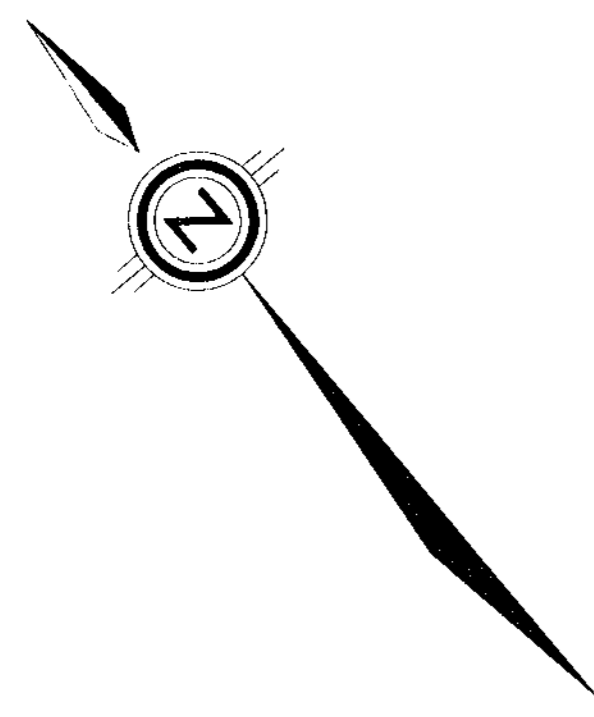
TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

NORTH HALF OF GRID Arsenic (As) in Soils

EQUITY ENGINEERING LTD.

Date: SEPTEMBER/88	N.T.S.	Mining Division	Figure: 31
Prepared By: POND CAD SERVICES	104B/10W, 11E	LIARD	



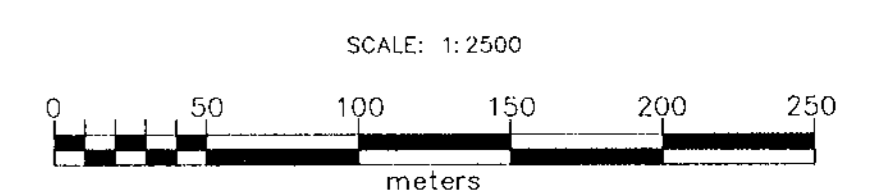
"RIDGE GRID"

LEGEND

- Copper soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 <= x < 47 ppm below background
- 47 <= x < 100 ppm background
- 100 <= x < 220 ppm possibly anomalous
- 220 <= x probably anomalous

Part 1 of 2
GEOLOGICAL BRANCH
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TUNGCO RESOURCES CORPORATION

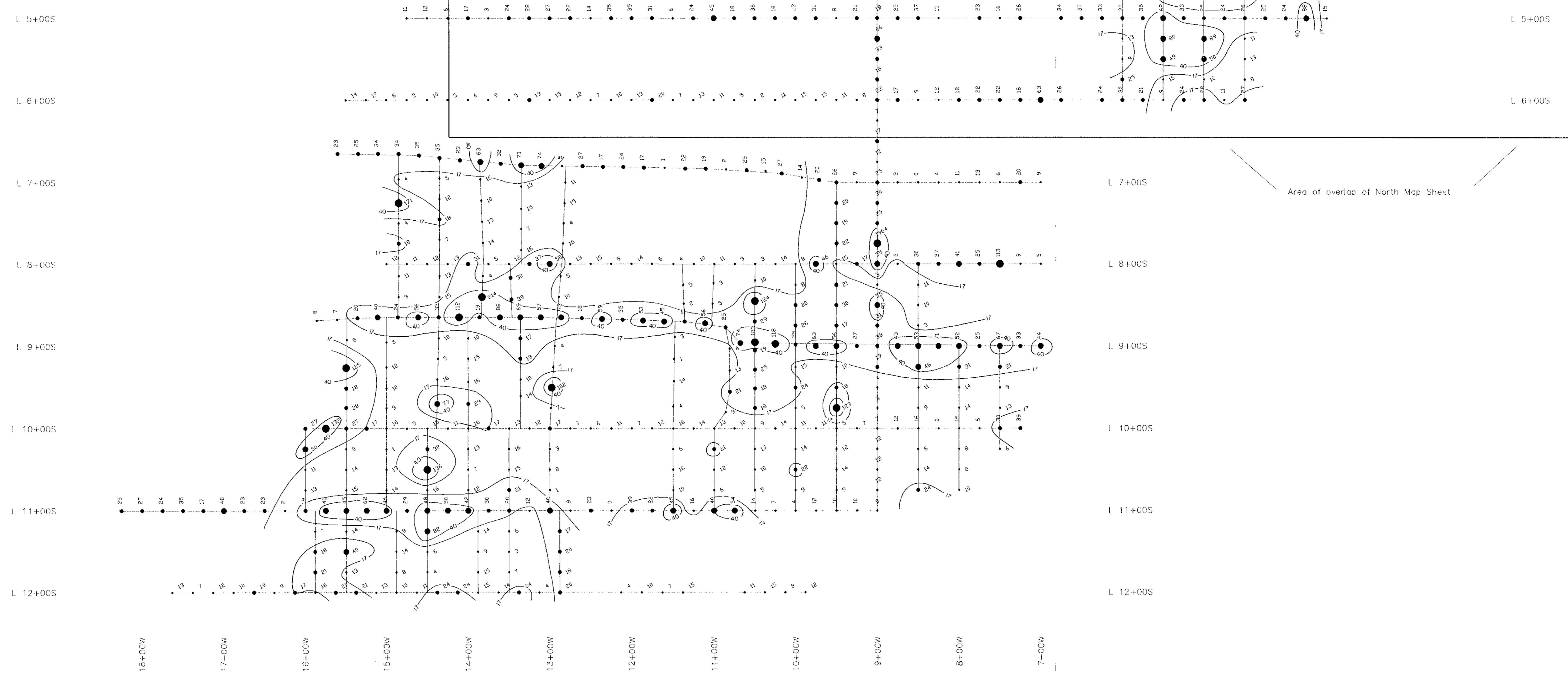
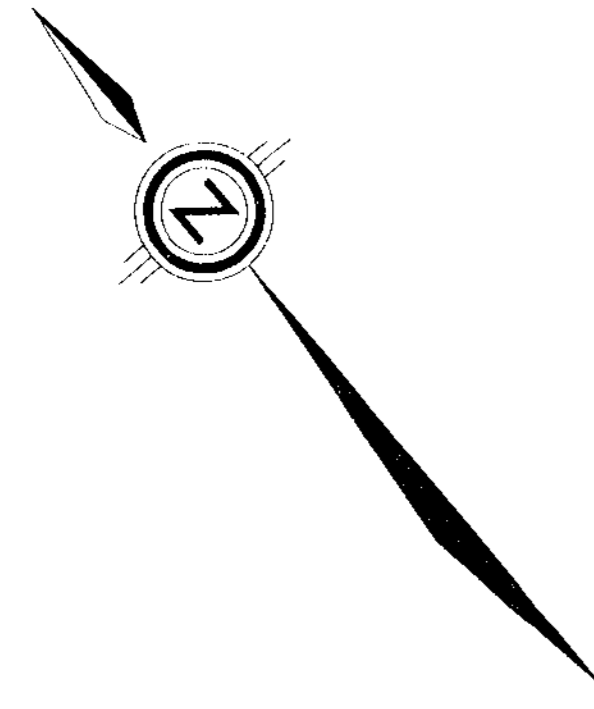
WARATAH PROJECT

SOUTH HALF OF GRID

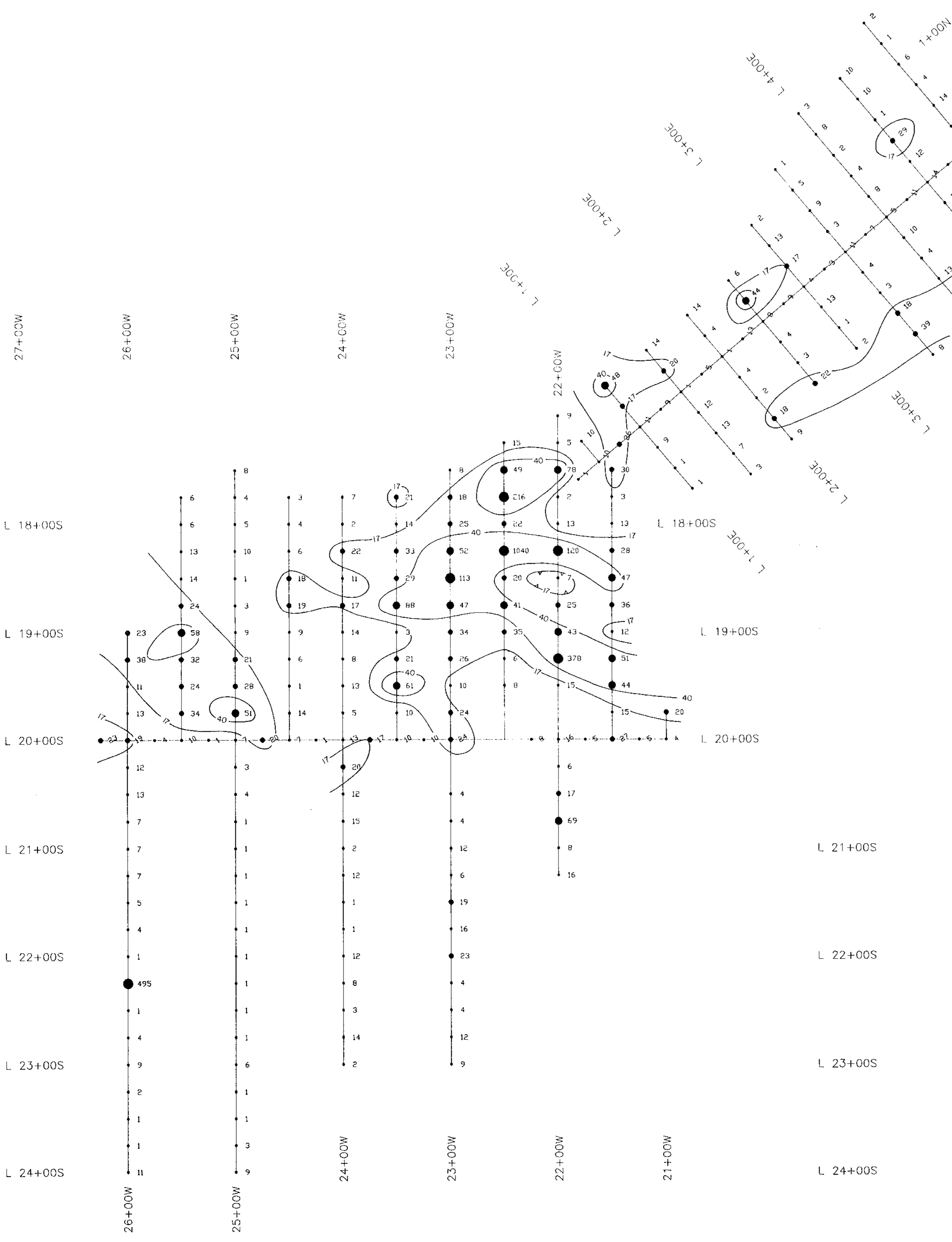
Copper (Cu) in Soils

EQUITY ENGINEERING LTD.

Date: SEPTEMBER/88 N.T.S. Mining Division Figure: 32
1048/10W, 11E LIARD Prepared by: POND CAD SERVICES



Area of overlap of North Map Sheet



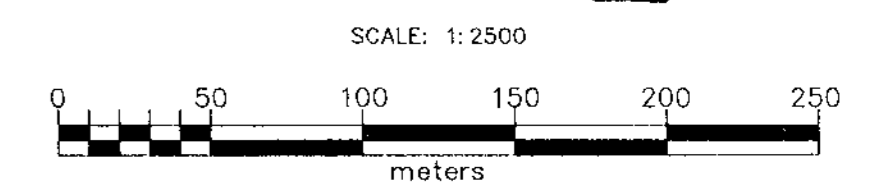
*"RIDGE GRID"

LEGEND

- Lead soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 <= x < 17 ppm below background
- 17 <= x < 40 ppm background
- 40 <= x < 90 ppm possibly anomalous
- 90 <= x ppm probably anomalous

Part 1 of 2
GEOLOGICAL BRANCH
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TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

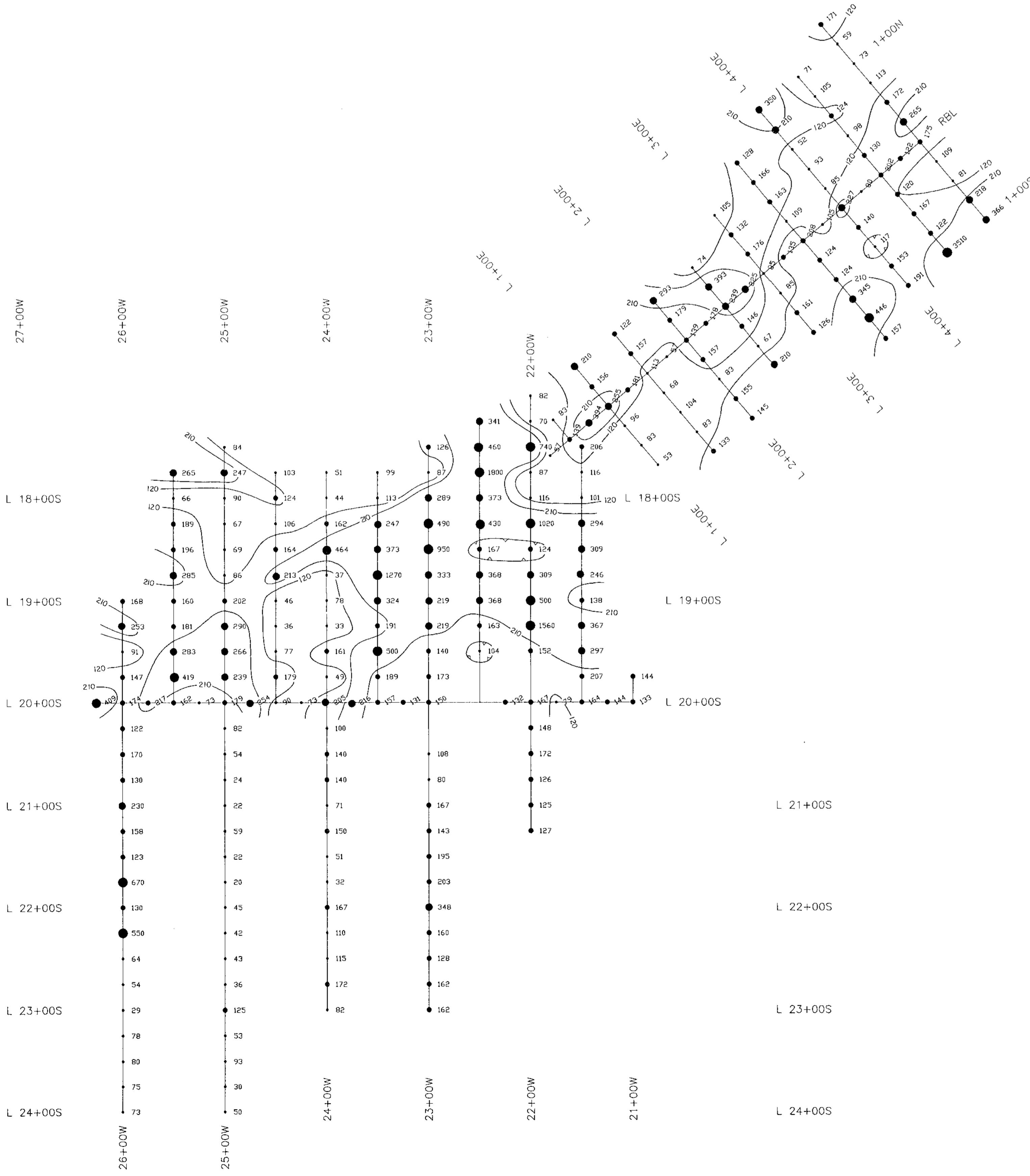
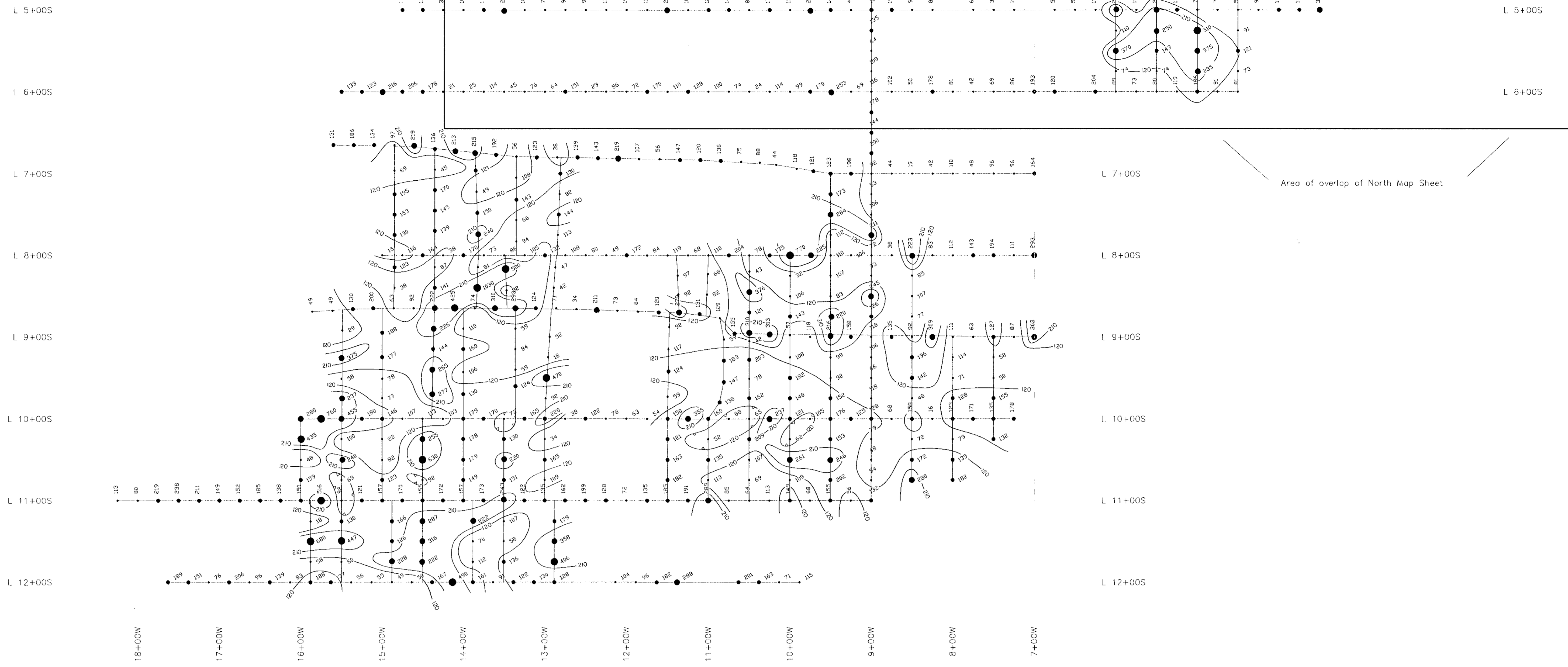
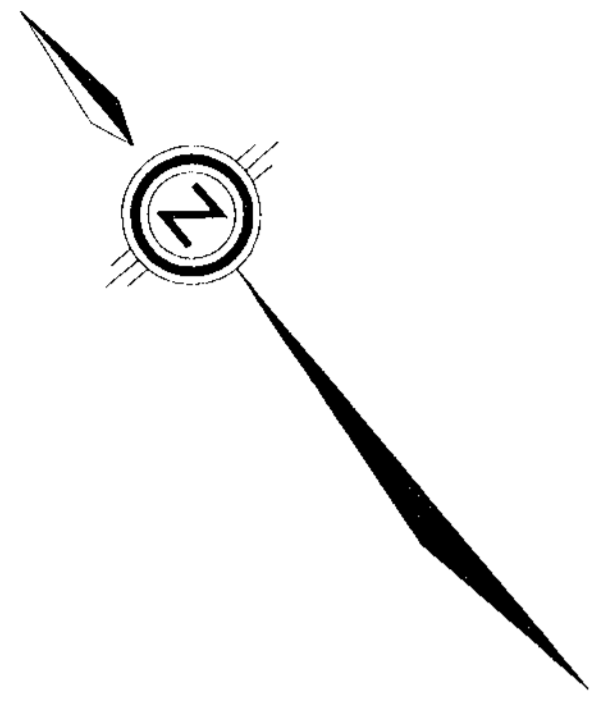
SOUTH HALF OF GRID

Lead (Pb) in Soils

EQUITY ENGINEERING LTD.

Date:	N.T.S.	Mining Division	Figure:
SEPTEMBER/88	104B/10W, 11E	LIARD	33

Prepared by: POND CAD SERVICES



'RIDGE GRID'

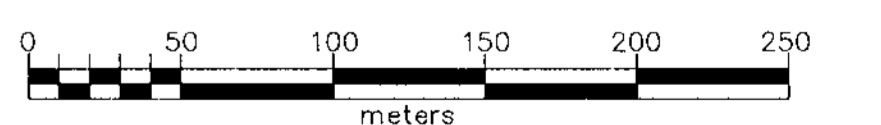
LEGEND

- Zinc soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 <= x < 120 ppm below background
- 120 <= x < 210 ppm background
- 210 <= x < 400 ppm possibly anomalous
- 400 <= x probably anomalous

Part 1 of 2
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SCALE: 1:2500



TUNGCO RESOURCES CORPORATION

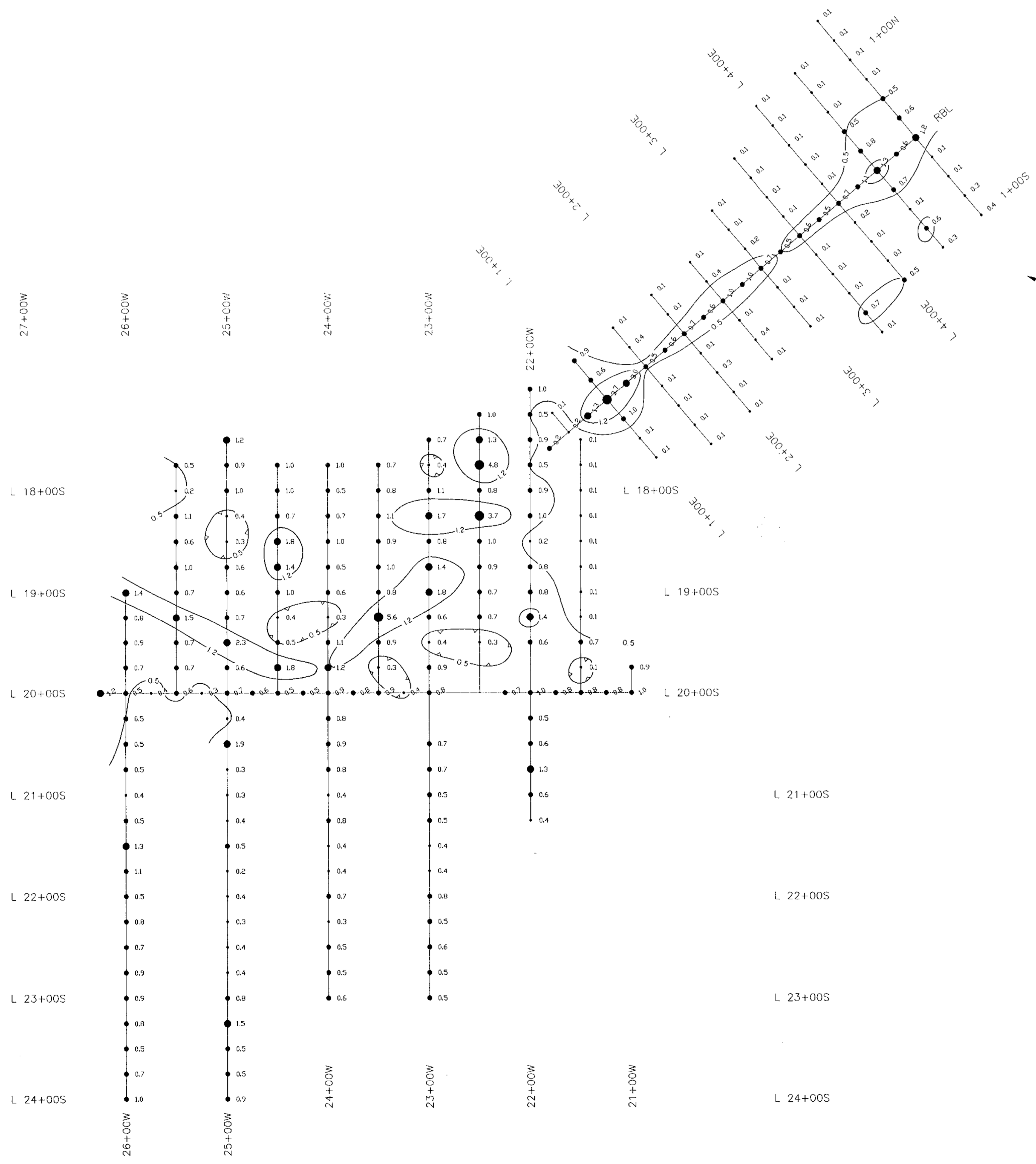
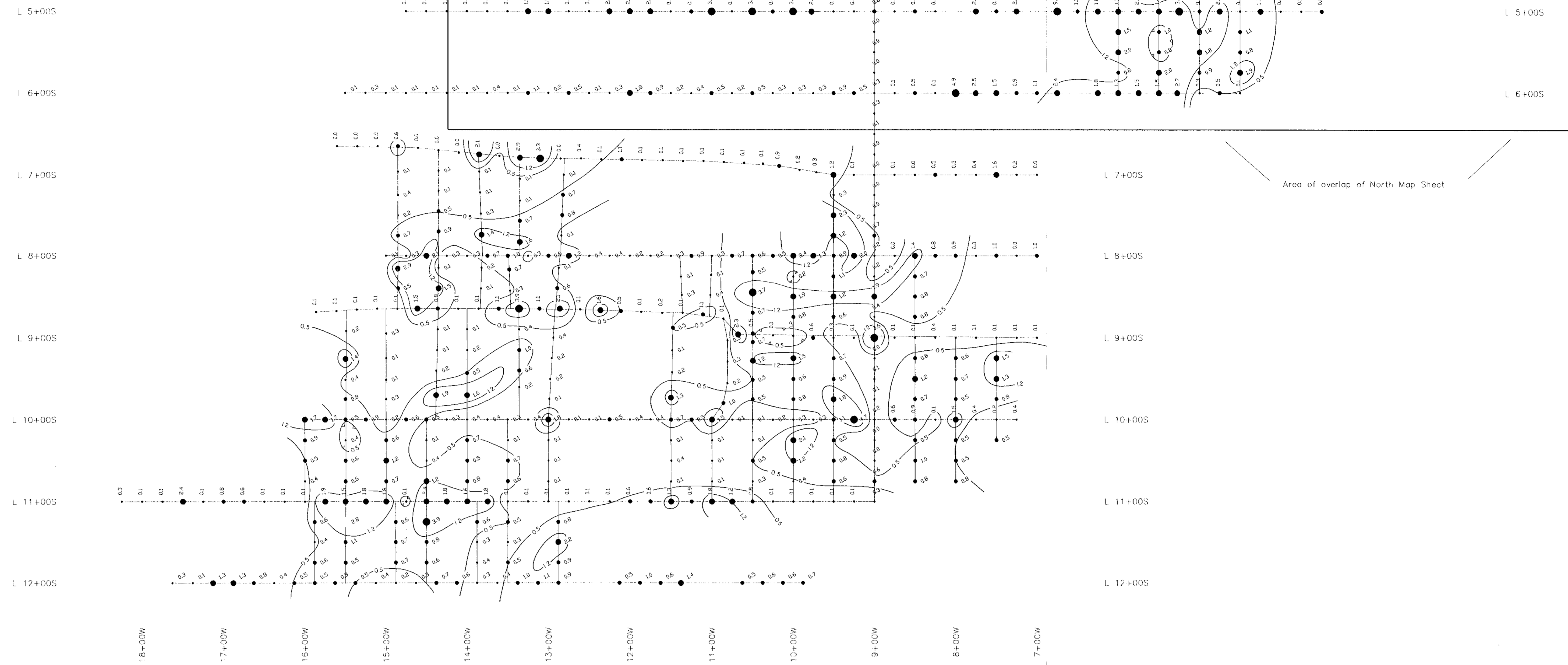
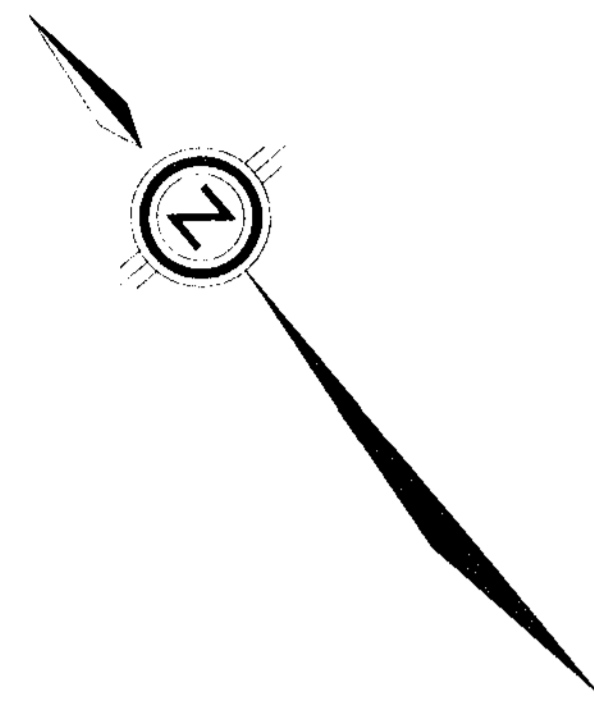
WARATAH PROJECT

SOUTH HALF OF GRID
Zinc (Zn) in Soils

EQUITY ENGINEERING LTD.

Date: SEPTEMBER/88 N.T.S. Mining Division Figure: 34
1049/10W, 11E LIARD

Prepared by: POND CAD SERVICES



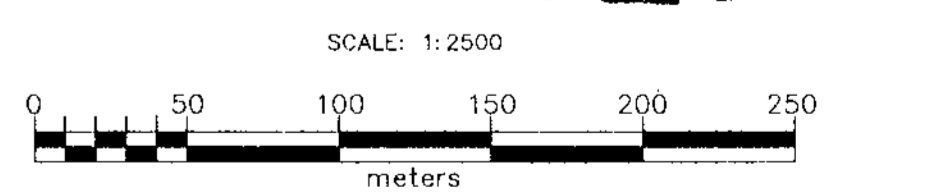
'RIDGE GRID'

LEGEND

- Silver soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 ≤ x < 0.5 ppm below background
- 0.5 ≤ x < 1.2 ppm background
- 1.2 ≤ x < 3.2 ppm possibly anomalous
- 3.2 ≤ x probably anomalous

Part 1 of 2
GEOLOGICAL BRANCH
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TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

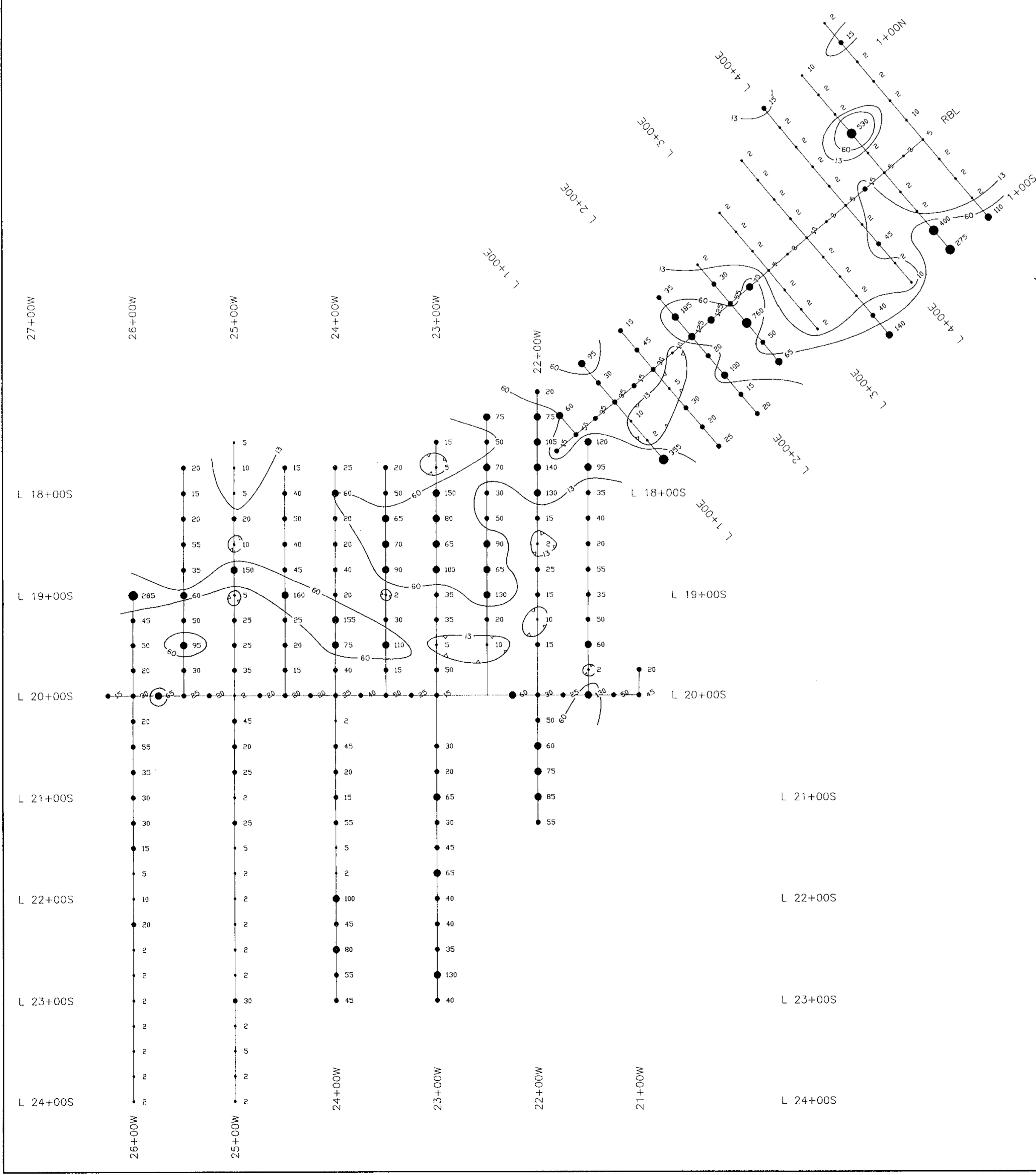
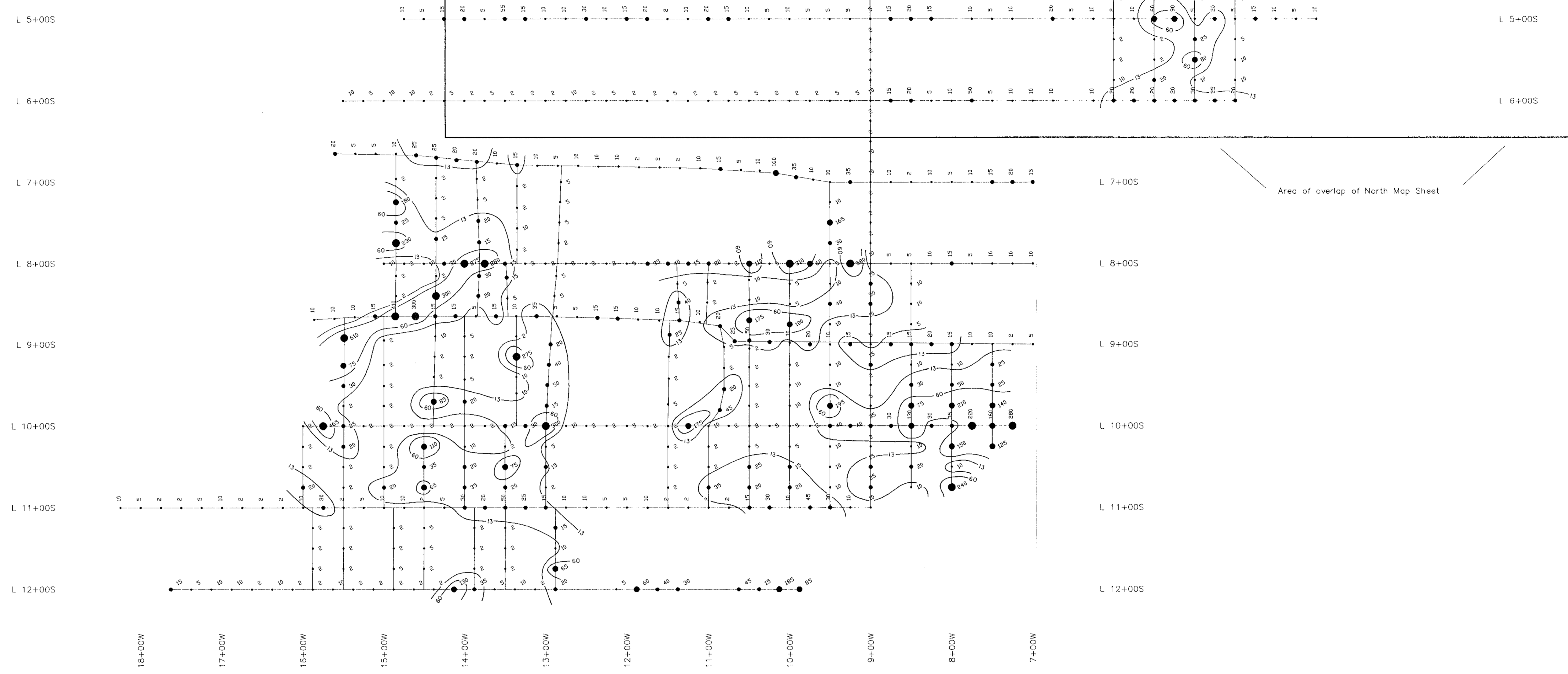
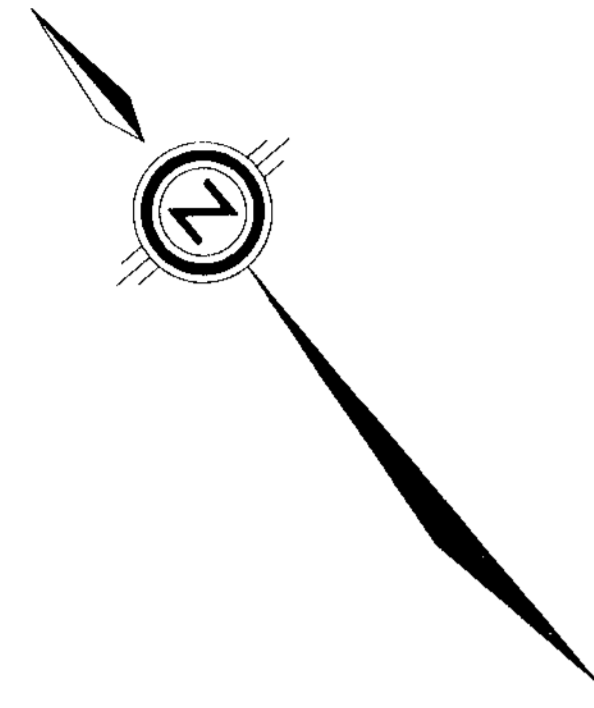
SOUTH HALF OF GRID

Silver (Ag) in Soils

EQUITY ENGINEERING LTD.

Date: SEPTEMBER/88 N.T.S. Mining Division Figure: 35

Prepared By: LIARD



'RIDGE GRID'

LEGEND

- Gold soil location and value
- Values below detection limit shown as 2
- 0 ≤ x < 13 ppb below background
- 13 ≤ x < 60 ppb background
- 60 ≤ x < 220 ppb possibly anomalous
- 220 ≤ x ppb probably anomalous

Part 1 of 2
**GEOLOGICAL BRANCH
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SCALE: 1:2500

TUNGO RESOURCES CORPORATION

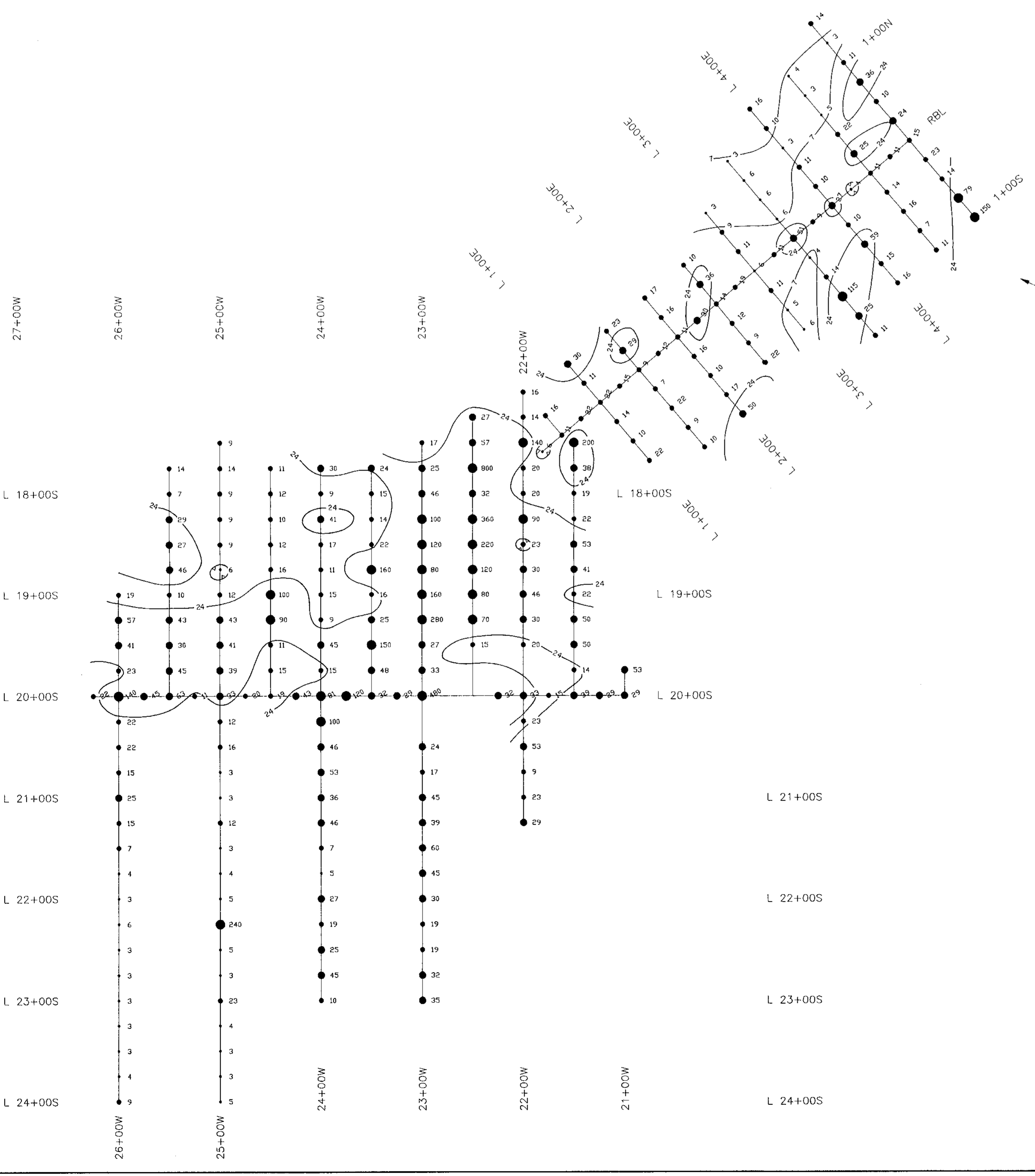
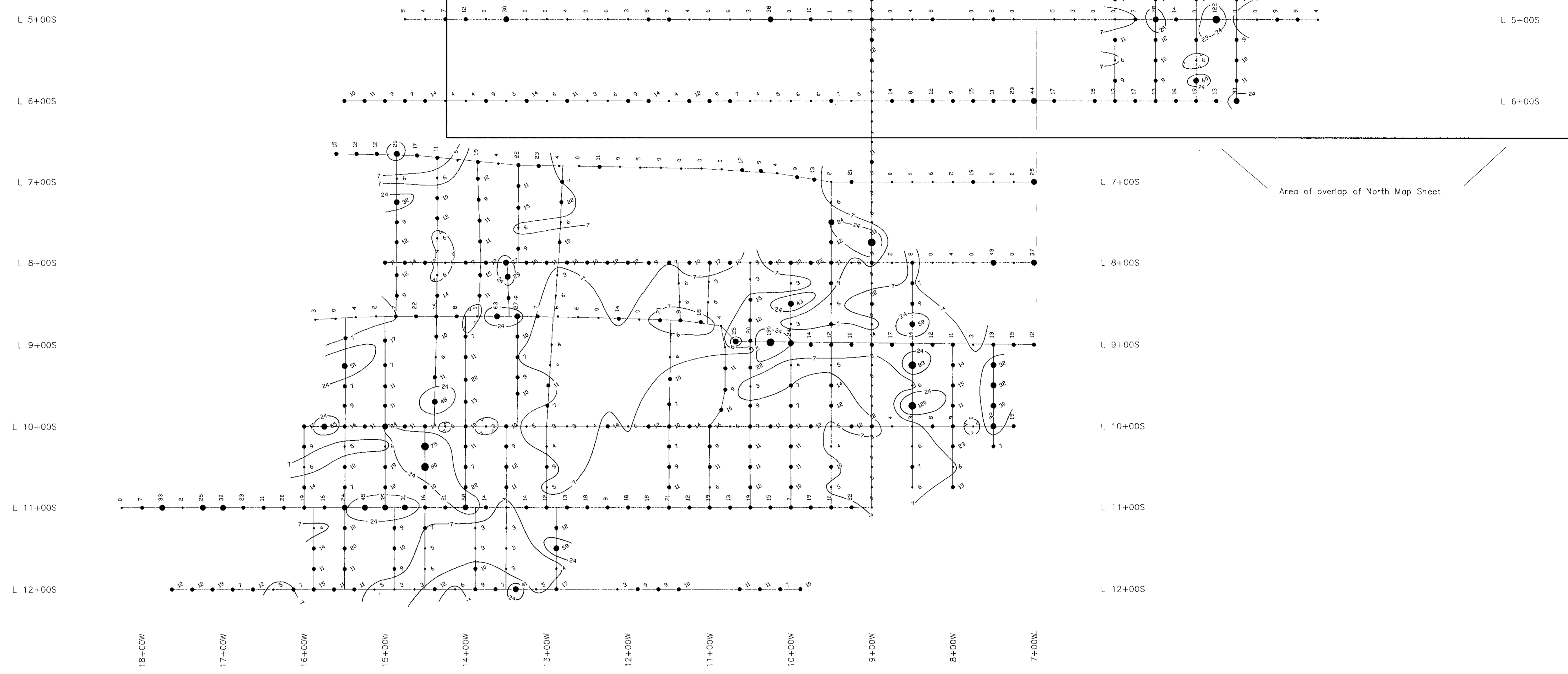
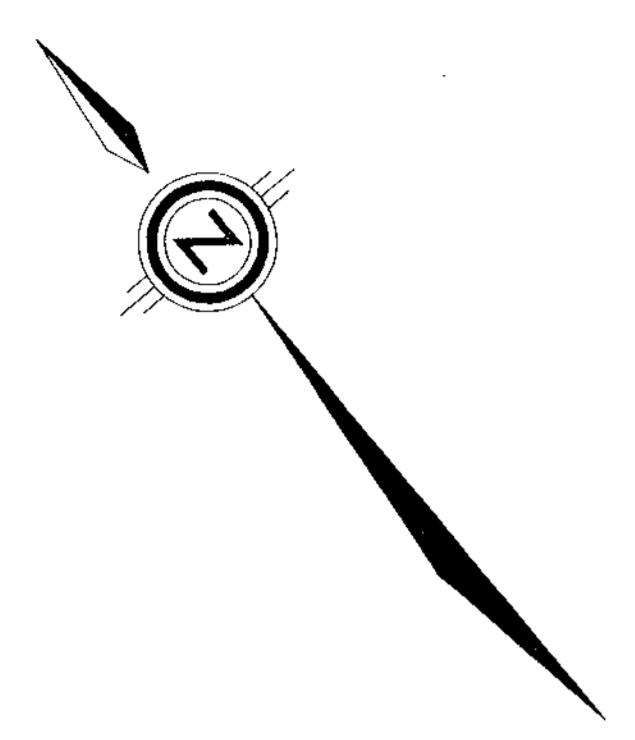
WARATAH PROJECT

SOUTH HALF OF GRID

Gold (Au) in Soils

EQUITY ENGINEERING LTD.

Date: SEPTEMBER/88 N.T.S. Mining Division Figure: 36
 1048/10W, 11E L.I.A.R.D.
 Prepared by: POND CAD SERVICES



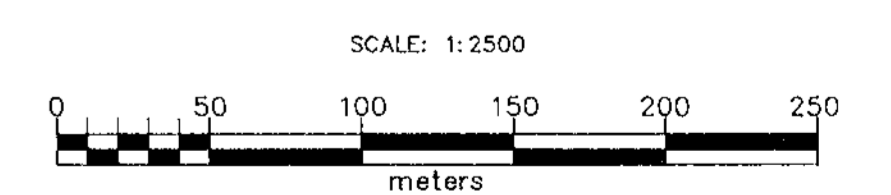
"RIDGE GRID"

LEGEND

- Arsenic soil location and value
- Zero (0 or 0.0) values below detection limit.
- 0 ≤ x < 7 ppm below background
 - 7 ≤ x < 24 ppm background
 - 24 ≤ x < 69 ppm possibly anomalous
 - 69 ≤ x ppm probably anomalous

Part 1 of 2
GEOLOGICAL BRANCH
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TUNGCO RESOURCES CORPORATION

WARATAH PROJECT

SOUTH HALF OF GRID

Arsenic (As) in Soils

EQUITY ENGINEERING LTD.

Date: SEPTEMBER/88 N.T.S. Mining Division Figure: 37
10/04/10W, 11E L.I.A.R.D.

Prepared by: POND CAD SERVICES