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REPORT ON THE TIPPY LAKE PROPERTY
 STEWART, BRITISH COLUMBIA
 SKEENA MINING DIVISION
 NTS 104B/8E
 LATITUDE 56°25' NORTH
 LONGITUDE 130°04' WEST

FILMED

BY

E.R. KRUCKOWSKI, B.Sc., P.Geol.
 Consulting Geologist

G. SINDEN, R.E.T.

PREPARED FOR: WYDMAR DEVELOPMENT CORPORATION
 #400, 255 - 17th Avenue S.W.
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PREPARED BY: E.R. KRUCKOWSKI CONSULTING LTD.
 23 Templeside Bay N.E.
 Calgary, Alberta
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CALGARY, ALBERTA
 April, 1989

OUR FILE: 2TIPPYAPR89
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

18,670

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SUMMARY

The Tippy Lake property is located approximately 50 kilometers north-northwest of Stewart, British Columbia in the Skeena Mining Division. The claims are underlain by Middle to Lower Jurassic volcanic and sedimentary rocks of the Salmon River, Betty Creek and Unuk River Formations intruded by a feldspar porphyry diatreme located on the Stella claim.

During the period of July and August 1988 Wydmar Development Corporation conducted a silt sediment geochemistry, rock geochemistry and prospecting program on the Tippy Lake property.

The program indicated slight to moderate anomalous gold values and slightly moderate silver values in silt sediments. Rock geochemistry was successful in outlining at least two areas that warrant further work. One of these zones is an area of quartz veining carrying argentiferous galena, sphalerite and chalcopyrite. This zone yielded values up to 17.50 ounces per ton silver in veins and 53.26 ounces per ton silver in float.

The presence of favorable geology and silver rich quartz-sulphide veins make the Tippy Lake property an excellent exploration target. An exploration program of prospecting, silt geochemical sampling, rock geochemical sampling and trenching is recommended.

INTRODUCTION

During the period of July and August 1988 Wydmar Development Corporation conducted an exploration program on the Tippy Lake property.

This report is based on field data collected during the 1988 work program as well as the 1987 Teuton Resources Corp. assessment report on the Stellar Group prepared by D. Cremonese.

The exploration program was performed by E.R. Kruchkowski Consulting personnel working out of a tent camp on the property.

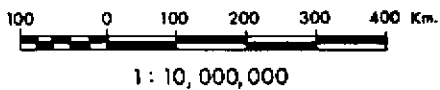
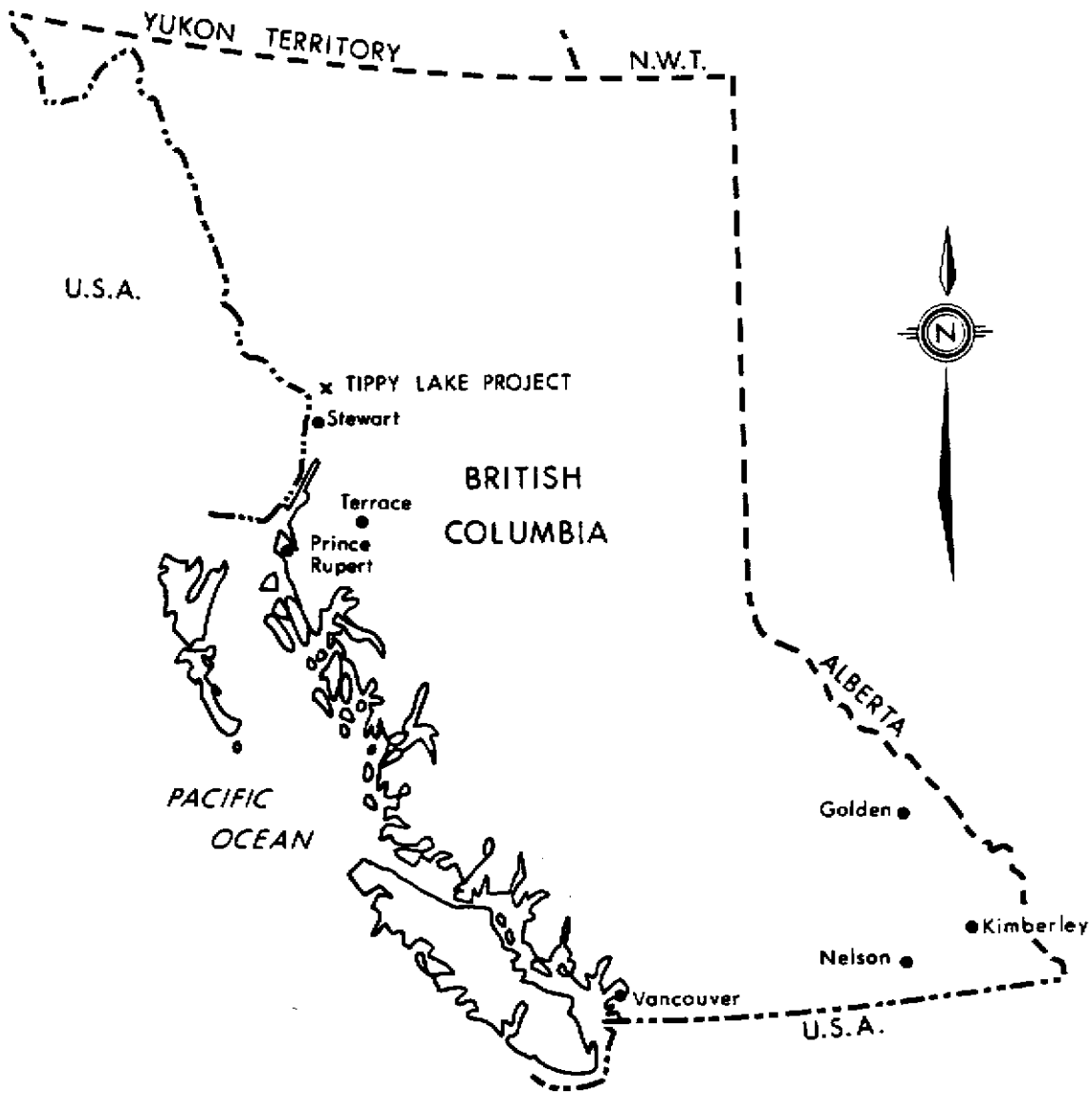
Supplies and equipment were driven to the airstrip at the Tide Lake Flats via the Granduc road and then ferried to the job site by Vancouver Island Helicopters 205 and 206.

Loring Laboratories Ltd. of Calgary, Alberta performed all geochemical analysis.

Location and Access

The Tippy Lake property is located approximately 50 kilometers north-northwest of Stewart, British Columbia. The property encompasses an area from Mt. Knipple in the north to Tippy Lake in the south. The property is centred at latitude 56°25' north and longitude 130°04' west on NTS map sheet 104B/8E in the Skeena Mining Division (Figure 1).

At present access is by helicopter based in Stewart, British Columbia. A 38 kilometer summer road extending from Stewart, British Columbia to the Tide Lake airstrip can be used to reduce mobilization/demobilization expenses (approximately 12 kilometers southwest of the Tippy Lake property).



WYDMAR DEVELOPMENT LTD.

PROPERTY
INDEX MAP

Figure 1

Physiography and Topography

The property encompasses an area from Tippy Lake in the south to Mount Knipple in the north. The claims are partially covered by ice and glacial moraine from the Canoe and Knipple Glaciers. Predominately steep to rugged topography prevails, flatter ground is located along the shores of Tippy Lake.

Elevations within the property range from 470 meters at Tippy Lake and up to 2165 meters along mountain slopes.

Vegetation at higher elevations is sparse mosses, grasses and lichens. Lower elevations have a moderate cover of thin brush and minor hemlock and balsam.

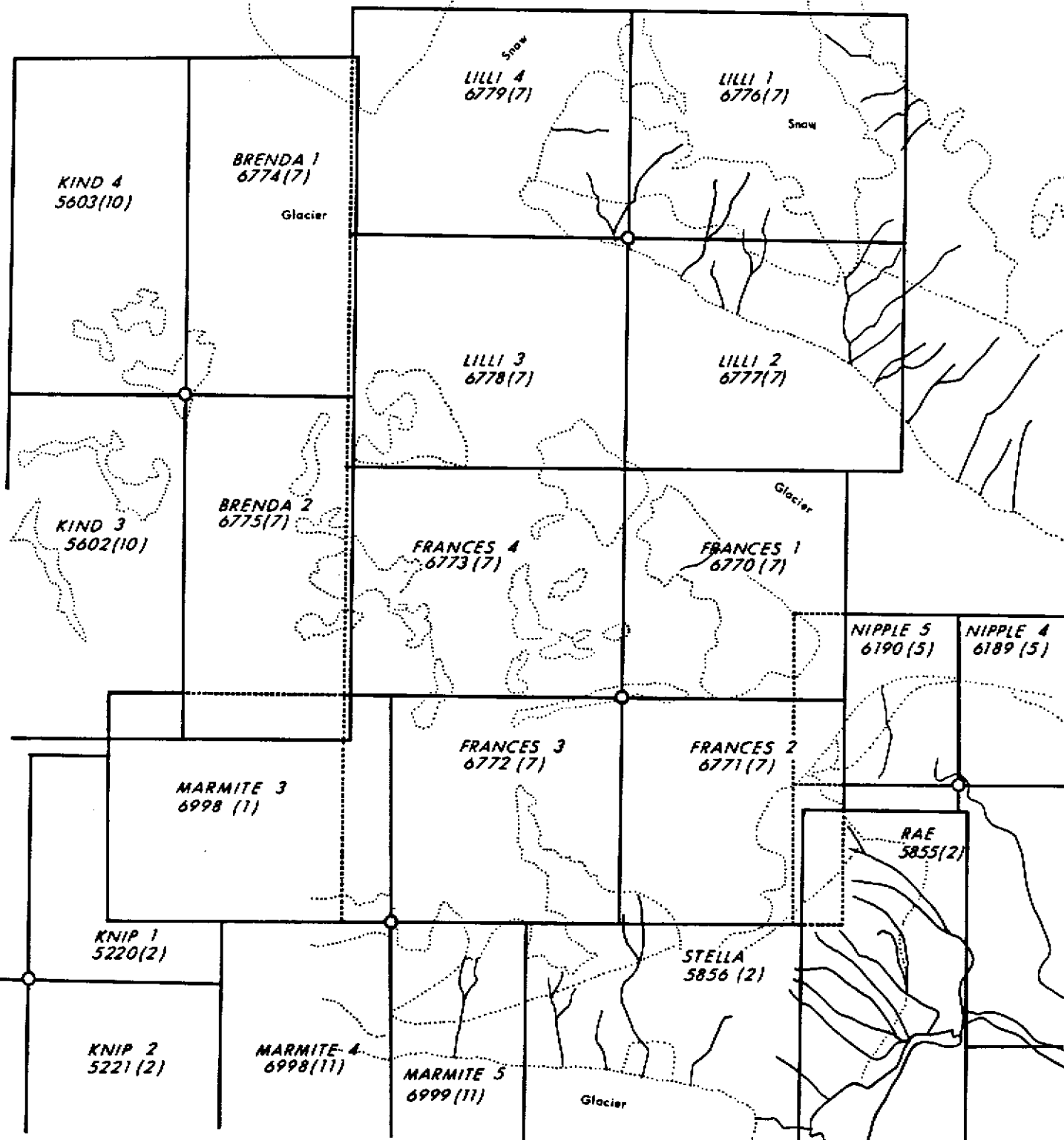
Climate is severe particularly at higher elevations. Heavy winter snowfall and short summer work seasons are typical of the Stewart area.

Property Ownership

The property consists of 244 units of staked mineral claims. (Figure 2).

<u>Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
Linda	5782	18	Feb. 4, 1989
Rae	5855	18	Feb. 4, 1989
Stella	5856	20	Feb. 4, 1989
Frances 1	6770	16	July 25, 1989
Frances 2	6771	16	July 25, 1989
Frances 3	6772	20	July 25, 1989
Frances 4	6773	20	July 25, 1989
Brenda 1	6774	18	July 25, 1989
Brenda 2	6775	18	July 25, 1989
Lilli 1	6776	20	July 25, 1989
Lilli 2	6777	20	July 25, 1989
Lilli 3	6778	20	July 25, 1989
Lilli 4	6779	20	July 25, 1989

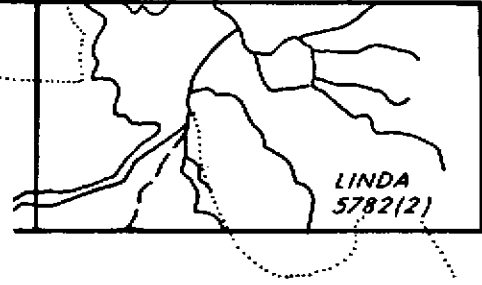
Wydmar Development Corporation holds a 30% working interest in the property.



WYDMAR DEVELOPMENT CORP.

TIPPY LAKE PROJECT

CLAIM MAP



Scale: 1:50,000

Scale: 1:50,000	Figure: 2
	Date: April, 1989

History

The work history on the property is short and recent. The area of property was in all likelihood too far from Stewart, British Columbia to warrant early exploration.

Following the discovery of high grade gold-silver mineralization near Brucejack Lake surrounding areas were quickly staked and prospected in the early 1980's. During that period Teuton Resources conducted a reconnaissance prospecting program in the area of the present day southern boundary of the Rae and Stella claims. Teuton reportedly discovered quartz sulphide float boulders containing minor gold.

1984: Teuton Resources Corp. carried out an airborne E.M. and Magnetometer Survey over the area now covered by the Stella and Rae claims. No major anomalies or conductors were noted.

1985: A small prospecting and mapping program was conducted by W.D. Groves along the northwest bank of Tippy Lake. W.D. Groves encountered several geologically interesting structures including a volcanic neck with a sulphidic rim and a sulphide rich bed in slates. Geochemical analysis returned background to slightly anomalous values of precious metals.

1986: A stream sediment geochemical survey indicated that a stream draining southward into Tippy Lake was highly anomalous in gold.

1987: Geochemical stream sediment sampling indicated several previously untested streams were anomalous in gold.

1988: The work program consisted of a follow-up silt sediment survey, prospecting and rock geochemical sampling.

E.R. Kruckowski Consulting Ltd. personnel conducted the 1988 exploration program. Work was executed from a tent camp located

on the property and utilized a Bell 206 Jet Ranger Helicopter for transportation to and from the project area. Supplies for the program were purchased in Stewart, B.C.

Personnel

J.E. Wyder, Geologist, Project Supervisor
E.R. Kruchkowski, Geologist
D. Keller, Geologist
G. Sinden, Geological Technologist
H. Christensen, Geological Assistant
B. Touzin, Geological Assistant
M. King, Geological Assistant
B. Nielsen, Geological Assistant
T. Devine, Geological Assistant
K. Penner, Geological Assistant
F. Chappel, Cook

Work consisted of stream sediment sampling, rock geochemical sampling and prospecting. During the program 344 silt sediment samples and 82 rock geochemical samples were collected. Geochemical analysis were performed by Loring Laboratories Ltd. of Calgary, Alberta.

GEOLOGICAL SURVEYS

Regional Geology

The Tippy Lake property is in the Stewart area, east of the Coast Crystalline Complex and within the western boundary of the Bowser Basin. Rocks in the area belong to the Mesozoic Hazelton Group and have been intruded by plugs of both Cenozoic and Mesozoic age.

At the base of the Hazelton Group is the lower Lower Jurassic Marine (submergent) and non-marine (emergent) volcaniclastic Unuk River Formation. This is overlain at steep discordant angles by a second, lithologically similar, middle Lower Jurassic volcanic cycle (Betty Creek Formation), in turn overlain by an upper Lower Jurassic dacitic lapilli tuff horizon (Mt. Dilworth Formation). Middle Jurassic non-marine sediments with minor volcanics of the Salmon River Formation unconformably overlie the above sequence.

The oldest rocks in the area belong to the lower Lower Jurassic Unuk River Formation which forms a north-northwesterly trending belt extending from Alice Arm to the Iskut River. It consists of green, red and purple volcanic breccia, volcanic conglomerate, sandstone and siltstone with minor crystal and lithic tuff, limestone, chert and coal. Also included in the sequence are pillow lavas and volcanic flows.

In the property area the Unuk River Formation is unconformably overlain by middle Lower Jurassic rocks from the Betty Creek Formation. The Betty Creek Formation is another cycle of trough-filling submarine pillow lavas, broken pillow breccias, andesitic and basaltic flows, green, red, purple and black volcanic breccia, with self erosional conglomerate, sandstone and siltstone, and minor crystal and lithic tuffs, chert, limestone and lava.

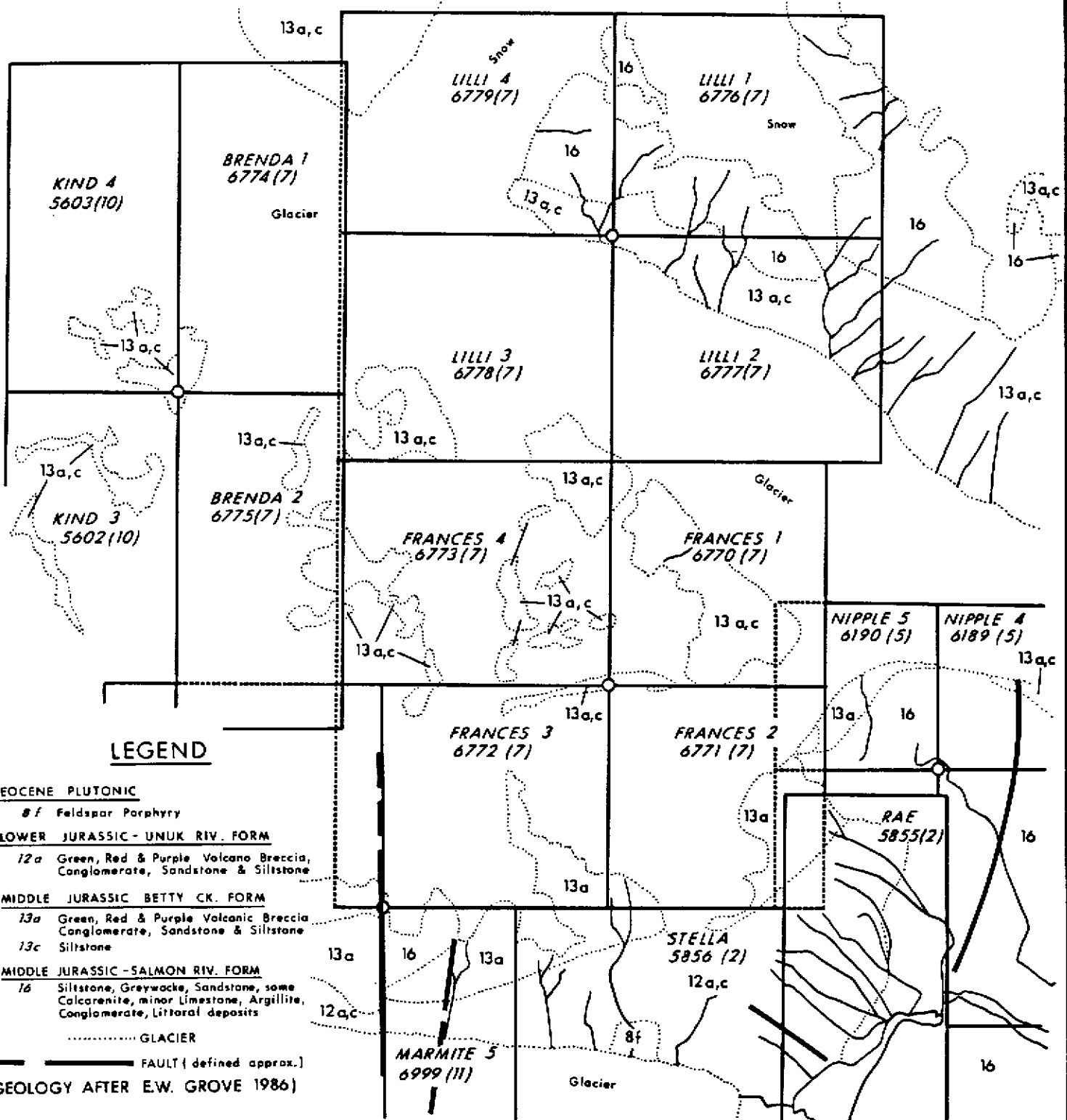
The upper Lower Jurassic Mt. Dilworth Formation consists of a thin sequence varying from black carbonous tuffs to siliceous massive airfall lapilli tuffs and felsic ash flows. Minor interbedded sediments and limestone are present in the sequence. Locally pyritic varieties form strong gossans.

The Middle Jurassic Salmon River Formation is a late to post volcanic episode of banded, predominantly dark coloured, siltstone, greywacke, sandstone, intercalated calcarenite, minor limestone, argillite, conglomerate, littoral deposits, volcanic sediments and minor flows.

According to E.W. Grove, the majority of the rocks from the Hazelton Group were derived from the erosion of andesitic volcanoes subsequently deposited as overlapping lenticular beds varying laterally in grain size from breccia to siltstone.

D. Alldrick's work has shown several volcanic centres in the property area. Lower Jurassic volcanic centres in the Unuk River Formation are located in the Big Missouri Premier area, and in the Brucejack Lake area. Volcanic centres within the Lower Jurassic Betty Creek Formation are in the Mitchell Glacier and Knipple Glacier areas.

There are various intrusives in the area. The granodiorites of the Coast Plutonic Complex largely engulf the Mesozoic volcanic terrain to the west. East of these (in the property area), smaller intrusive plugs range from quartz monzonite to granite to highly felsic; some are, likely, related late phase offshoots of the Coast plutonism, others are synvolcanic and tertiary. Double plunging, northwesterly-trending synclinal folds (Mitre syncline, Dilworth syncline, Spider anti-cline) of the Salmon River and underlying Betty Creek Formations dominate the structural setting of the area. These folds are locally disrupted by small east-overthrusts (Tippy Lake, Knipple Lake) on strikes parallel to the major fold axis, cross-axis steep wrench faults which locally turn beds, selective tectonization of tuff units, and major northwest faults which turn beds. Figure 3 shows the regional geology of the Tippy Lake property area (Grove).



WYDMAR DEVELOPMENT CORP.

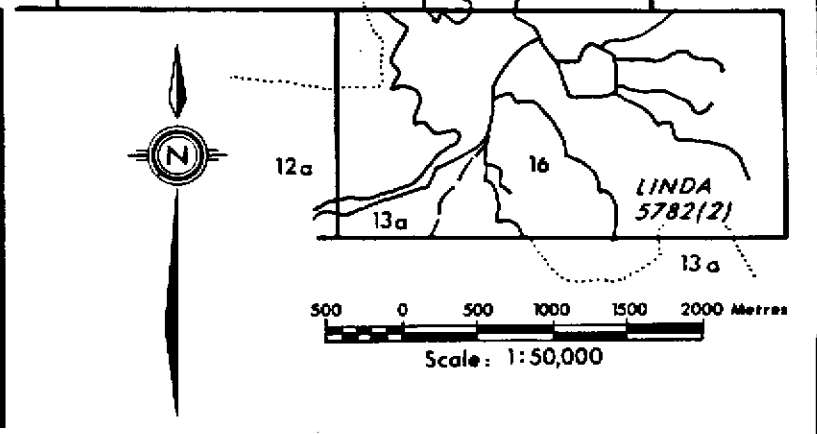
TIPPY LAKE PROJECT

REGIONAL GEOLOGY

Figure: 3

Scale: 1:50,000

Date: April, 1989



Local Geology

The Tippy Lake property is underlain by rocks of the Hazelton group. According to E.W. Grove on maps titled Geology of the Unuk River - Salmon River - Anyox Map Area - three separate rock units are encountered on the property of Lower to Middle Jurassic age. The oldest rocks are from the Unuk River Formation and are composed of green, red and purple volcanic breccia, conglomerate, sandstone and siltstone. The younger rocks of the Betty Creek Formation overlie the Unuk River Formation. The Betty Creek Formation includes green, red and purple volcanic breccia, conglomerate, sandstone and siltstone. The youngest rocks encountered on the property are of the Salmon River Formation which unconformably overlies the Betty Creek Formation. The Salmon River Formation includes siltstone, greywacke, sandstone, some calcarenite, minor limestone, argillite, conglomerate and littoral deposits. An outcropping of feldspar porphyry occurs within the Unuk River Formation near Canoe Glacier and is likely related to phases of the Coast Plutonic Complex.

Field observation has shown that the rocks on the east side of Bowser River and the area surrounding Knipple Glacier to be predominately black fissile shales and siltstones. On the west side of Bowser River and immediately north of Canoe Glacier green volcanic epiclastic rocks are predominate with a small feldspar porphyry plug found on the north edge of Canoe Glacier. This feldspar porphyry plug is similar to a feldspar porphyry plug found at Knipple Lake, a few kilometers to the north

A newly discovered showing is located on the east side of Bowser River on the Linda claim. This showing contains galena, sphalerite and chalcopryrite in quartz veins. The quartz veins are found within a siltstone matrix. Sulphide content is up to 5% with silver values up to 17 ounces per ton in veins and 53 ounces per ton in float. The similarity to the high grade veins in the Knipple Lake area make this property a good exploration target for high grade silver as well as having an excellent potential for gold mineralization.

GEOCHEMICAL SURVEYS

Rock Geochemistry

A total of 82 rock geochemical samples were collected from the Tippy Lake property during July and August of 1988. The samples obtained were generally 3-4 pounds of unweathered material. They were selected on the basis of mineralization or alteration.

The samples were shipped to Loring Laboratories Ltd. of Calgary, Alberta where they were crushed, split and ground to a -80 mesh. The samples were then analyzed using standard geochemical methods (see Appendix I).

Results of the program indicate anomalous gold and silver values in the survey area. The sample sites are shown on Figure 4 to Figure 8.

The samples were statistically treated and plotted on cumulative frequency graph paper. The lower or normal distribution values which plot as a straight line were used to determine background and anomalous values. Based on the plots in Appendix IV the anomalous and background values are as follows:

<u>Metal</u>	<u>Background</u>	<u>Threshold</u>
Gold	20 ppb	40 ppb
Silver	0.1 ppm	0.6 ppm

Using the above threshold number, weakly anomalous values were considered as 1-2 times threshold, moderately anomalous as 2-3 times threshold and strongly anomalous as greater than 3 times threshold. As a result, the rock geochemical program indicates numerous gold and silver anomalies ranging from weak to strong on the Rae, Stella and Linda claims.

The program was highly successful in delineating areas for further sampling, mapping and trenching.

Silt Geochemistry

A total of 344 silt sediment samples were collected during the course of the survey. These samples were collected and placed in numbered Kraft Sample Bags and subsequently shipped to Loring Laboratories Ltd. of Calgary, Alberta. They were dried, crushed, split and ground to a -80 mesh. The samples were then analyzed using standard geochemical methods for gold and silver.

The results are plotted on cumulative frequency graph paper with the straight line plot considered the normal distribution. Using these plots indicates the following background and threshold values:

<u>Metal</u>	<u>Background</u>	<u>Threshold</u>
Gold	5 ppb	25 ppb
Silver	0.1 ppm	0.6 ppm

Using the above threshold number, weakly anomalous values were considered as 1-2 times threshold, moderately anomalous 2-3 times threshold and strongly anomalous as greater than 3 times threshold.

The results of the survey indicate several anomalous sites which require further follow-up surveys. Figures 5, 6 and 7 show the sample sites.

CONCLUSIONS

1. The Tippy Lake claims are underlain by volcanic and sedimentary rocks of the Salmon River, Betty Creek and Unuk River Formations and intruded by a feldspar porphyry diatreme.
2. The 1988 rock and silt geochemical program has indicated weak to highly anomalous gold and silver values. However, anomalous gold values indicated by the 1987 silt geochemistry program were not reproduced.
3. The area of the Tippy Lake property is southeast of the bonanza gold-silver discoveries at Brucejack Lake by both the Newcana Joint Venture and Catear Resources Ltd. These projects have announced the following results:

		Grade	
	Present Reserves	opt Au	opt Ag
Newhawk West (partially explored)	854,072	.354	22.94
<u>Catear Goldwedge</u> (partially explored)			
Golden Rocket Vein	319,149	.80	1.12
Discovery Vein	37,980	.63	1.08

The above gold-silver discoveries are structurally controlled, epithermal-mesothermal veins occurring in areas of syenodiorite intrusions and associated with areas of intense sericite (quartz-pyrite) alteration.

4. The Tippy Lake property is southwest of Teuton Resources Corp. Knip Property located on the north shore of Knipple Lake. Numerous quartz veins carrying argentiferous galena, sphalerite, chalcopryrite and tetrahedrite are common. Trenching in 1985 returned assay values of 132.75 ounces per ton silver over small widths.
5. The presence of argentiferous galena, sphalerite and chalcopryrite in quartz veins on the Linda claim make the area an excellent exploration target. Values up to 17 ounces per ton silver were obtained in veins while float boulders ran as high as 53 ounces per ton silver.

6. Most of the rock geochemical anomalies are related to a sulphide rich quartz zone within a siltstone matrix located on the Linda claim.

7. An exploration program consisting of prospecting, silt geochemistry, geological mapping, and rock geochemistry is recommended for the property.

RECOMMENDATIONS

1. Prospecting

All structural features on the property should be carefully prospected in order to evaluate the mineral potential. As well, all gossaned zones should be checked for all minerals associated with the gold, particularly arsenopyrite and tetrahedrite.

2. Detailed Silt Geochemistry

Sampling should be conducted every 50 meters along stream beds on the property.

3. Geological Mapping

The property should be mapped in order to define potential host rocks for epithermal deposits.

4. Rock Geochemistry

A rock geochemistry survey should be conducted over gossaned zones, sericite schists and quartz veining.

5. Trenching

Trenching would be conducted in areas of newly discovered mineralization to obtain fresh samples for assaying as well as evaluation for indicator minerals.

STATEMENT OF EXPENDITURES

Personnel		
J. Wyder, Geologist, Project Supervisor	5 days @ \$450/day	2,250.00
E. Kruckowski Geologist	3 days @ \$300/day	900.00
G.D. Keller Geologist	7.5 days @ \$250/day	1,875.00
G. Sinden Geological/technologist	10.5 days @ \$200/day	2,100.00
B. Neilson Geological Assistant	10.5 days @ \$200/day	2,100.00
H. Christenson Geological Assistant	10.5 days @ \$180/day	1,890.00
B. Touzin Geological Assistant	10.5 days @ \$150/day	1,575.00
M. King Geological Assistant	10.5 days @ 150/day	1,575.00
T. Devine Geological Assistant	10.5 days @ \$150/day	1,575.00
K. Penner Geological Asistant	10.5 days @ \$130/day	1,365.00
F. Chappel Cook	10.5 days @ \$150/day	1,575.00
		<u>\$18,780.00</u>
Food		
\$20 per day x 96.5 man days		1,930.00
Camp		
\$25 per day x 96.5 man days		2,412.50
Geochemical Analysis		
\$15 per sample x 426 samples		6,390.00
Helicopter (Bell 206 and Bell 204)		14,636.97
Generator Rental		
10.5 days @ \$20/day		210.00
Cobra Drill Rental		
10.5 days @ \$50/day		525.00
Radio Rental		
10.5 days @ \$10/day		105.00
Hardware Supplies		1,818.27
		cont'd

Expediting Costs - Limar Industries	573.26
Fuel	165.00
Consumable Supplies \$7/day x 96.5 man days	675.50
Mob/Demob - pro rated	2,185.00
Report Writing/Drafting/Administration	<u>5,000.00</u>
	<u>\$55,406.50</u>

STATEMENT OF COSTS TO BE APPLIED TO CLAIM GROUPINGS

<u>Claim Group</u>	<u>Number of Units</u>	<u>% of Work To be Applied</u>	<u>To be Applied</u>
Brenda 1, 2	36	14.754	3,600.00
Stella, Frances 3, 4 Lilli 3, 4	100	40.984	10,000.00
Rae, Frances 1,2	90	36.885	9,000.00
Linda	<u>18</u>	<u>7.377</u>	<u>1,800.00</u>
TOTAL	244 units	100%	\$24,400.00

REFERENCES

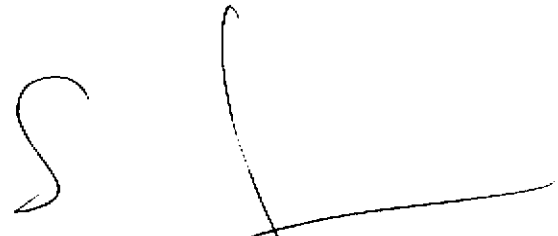
- Alldrick, D.J. (1984);
Geological Setting of the Precious Metals Deposits in the Stewart Area, Paper 84-1, Geological Fieldwork 1983, British Columbia Ministry of Energy, Mines and Petroleum Resources
- Cremonese, D. (1987);
Assessment Report on Geochemical Work on the Following Claims: Rae 5855(2), Stella 5856(2), Linda 5782(2); Stellar Group
- Grove, E.W. (1971);
Geology of Mineral Reports of the Stewart Area, British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 58.
- Grove, E.W. et al (1982);
Unuk River-Salmon River-Anyox Area, Geological Mapping 1:1000000, British Columbia Ministry of Energy, Mines and Petroleum Resources
- Grove E.W. (1986);
Geology and Mineral Deposits of the Unuk River- Salmon River-Anyox Area, British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 63.
- Groves, W.D. and Sheldrake, R. (1984);
Assessment Work Report -- Airborne E.M. and Mag Surveys Carried out by Teuton Resources Corp's Bowser Lake Claims.
- Groves W.D. (1985);
Assessment Report on Geochemical Work on the following claims: Germanicus, Augustus, Drusus and Tiberius.

CERTIFICATE

I, EDWARD R. KRUCHKOWSKI, Geologist, residing at 23 Temple side Bay N.E., in the City of Calgary, in the province of Alberta, hereby certify that:

1. I received a Bachelor of Science degree in Geology from the University of Alberta in 1972.
2. I have been practising my profession continuously since graduation.
3. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
4. I am a consulting geologist on behalf of Wydmar Development Corporation.
5. This report is based on a review of reports, documents, maps and other technical data on the property area and on my experience and knowledge of the area obtained during programs in 1974 - 1988.

April 24/89
DATE



E.R. KRUCHKOWSKI, B.Sc.

CERTIFICATE

I, GORDON W. SINDEN, currently residing at #2607, 123 - 10 Avenue S.W., Calgary, Alberta T2R 1K8, hereby certify that:

1. I am a geological technologist and have practised my profession since 1977.
2. I am a graduate of the Northern Alberta Institute of Technology (1977) in Mineral Resources Technology.
3. I am a Registered Engineering Technologist with the Alberta Society of Engineering Technologists.
4. This report is based on a review of reports, documents, maps and other technical data on the property area and on my experience and knowledge of the area obtained during programs in 1982 - 1988.

April 24, 1989
Date

Gordon W. Sinden
Gordon W. Sinden, R.E.T.

APPENDIX I
ANALYTICAL INFORMATION

LABORATORY: Loring Laboratories
Calgary, Alberta

MESH SIZE: -80/stream sediments
-80/rocks

EXTRACTION: For Cu: $\text{HNO}_3/\text{HClO}_4$ to dryness taken
up in HCl

For Au/Ag: Fire assay fusion,
cupellation and acid
dissolution of precious
metal beads.

For Pb/Zn: Nitric - perchloric dissolution
to dryness, taken up in HCl

ANALYSIS: Atomic absorption

APPENDIX II
ROCK GEOCHEMICAL ANALYSIS

TO: LONETREE RESOURCES LTD.
 400, 255 - 17th Avenue S.W.,
 Calgary, Alberta T2S 2T8

File No. 31884
 Date September 28, 1988
 Sample Rock
 PROJECT: TIPPIY LAKE



ATTN: J.E. Wyder

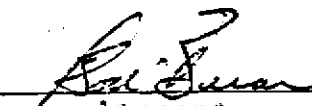
Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.	OZ./TON GOLD	OZ./TON SILVER	% CU	% PB	% ZN
"Rock Samples"					
"Assay Analysis"					
BS-0-176 0-01W	.041	1.06	-	-	-
TGR- 5A	-	1.34	-	1.29	-
6	-	3.46	.33	4.20	.67
7	-	.98	-	1.57	-
8	-	1.12	-	.37	2.31
10	-	16.48	.18	3.80	4.40
11	-	1.98	-	1.41	.12
12	-	2.91	.14	1.55	.40
13	-	3.58	.13	2.02	.20
14	-	1.72	.17	2.53	2.63
15	-	17.50	.28	16.69	5.84
17	-	23.02	.32	14.21	4.87
18	-	-	-	.18	1.48
19	-	5.68	-	1.96	8.53
20	-	53.25	.92	18.53	8.53
21	-	-	-	.14	.25
22	-	9.08	.34	10.85	1.28
26	-	5.40	8.27	-	-

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
 Pulp retained one month
 unless specific arrangements
 are made in advance.


 Assayer

TO: LONETREE RESOURCES LTD.
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2B 0T5

 ATTN: J.E. Wyder

Form No. 3133-
 Date September 28, 1998
 Sampled Rock _____
 PROJECT: TIPPY LAKE



Certificate of Assay

LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.	PPM Ag	PPB Au
"Rock Samples"		
Geochemical Analysis		
CC-1	0.5	20
CC-2	0.1	10
CC-3	4.3	80
CC-4	+30.0	350
CC-5	0.3	25
CC1-1	0.3	5
CC1-2	0.1	15
CC1-3	0.1	10
CC1-4	1.4	30
CC1-5	0.1	10
CC1-6	0.2	10
LP-1	0.2	20
LP-2	0.2	30
LP-3	0.1	10
FU-01	0.2	10
FU-150	0.3	10
FU-225+20W	0.4	10
FU-1000	3.9	450
JB-620	NIL	15
JB-684	NIL	10
IS-1	0.1	5
IS-2	0.2	10
IS-3	0.2	20
IS-4	0.2	10
IS-5	0.1	20
IS-6	0.4	20
IS-7	0.2	10
IS-8	0.4	20
IS-9	0.2	10
IS-10	0.2	20

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

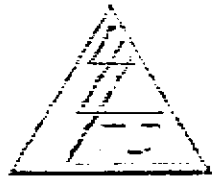
Rejects retained one month.
 Pulp retained one month
 unless specific arrangements
 are made in advance.



 Assayer

To: LONETREE RESOURCES LTD.
400, 255 - 17th Avenue S.W.
Calgary, Alberta T2S 2T8

File No. 31334
 Date September 28, 1988
 Samples 8001
 PROJECT: TIPPY LAKE



ATTN: J.E. Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.	PPB AU	PPM CU	PPM PB	PPM Zn	PPM Ag
IS-11	20	-	-	-	0.2
IS-12	20	-	-	-	0.3
IS-13	15	-	-	-	0.2
IS-14	20	-	-	-	0.4
SD-0+75	20	-	-	-	0.5
SN-01	105	-	-	-	3.5
SN-125	15	-	-	-	0.1
SN-625	15	-	-	-	0.1
SS-0+215-0+00	365	-	-	-	1.7
SS-0+215-0+01W	40	-	-	-	0.5
SS-0+475-0+00	30	-	-	-	0.3
SS-0+475-0+01W	11000	-	-	-	130.0
SS-0+705-0+07W	50	-	-	-	0.9
SS-0+765-0+04W	160	-	-	-	0.7
SS-0+775-0+05W	30	-	-	-	0.4
SS-0+325-0+03W	20	-	-	-	0.3
FR-3	10	-	-	-	0.1
THR-1	25	-	-	-	0.4
THR-2	15	-	-	-	0.1
THR-3	15	-	-	-	5.2
THR-4	20	-	-	-	4.8
THR-5	40	-	-	-	4.9
THR-1000	20	-	-	-	0.1
TRP-1	20	-	-	-	0.6
TRP-2	20	-	-	-	0.1
TGR-1	20	-	-	-	0.1
TGR-2	10	40	35	161	0.4
TGR-3	10	-	-	-	0.1
TGR-4	10	-	-	-	0.2
TGR-5	10	14	18	421	0.3
TGR-5A	5	551	+1000	692	+30.0
TGR-6	35	+1000	+1000	+1000	+30.0
TGR-7	20	570	+1000	664	+30.0

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
 Pulp retained one month
 unless specific arrangements
 are made in advance.

[Signature]
 Assayer

To: LONETREE RESOURCES LTD.,
400. 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 91604
Date September 23, 1968
Sample Book
PROJECT: TIPPY LAKE



ATTN: J.E. Wyder


Certificate of Assay LORING LABORATORIES LTD.

Page # 4

SAMPLE NO.	PPB Au	PPM Cu	PPM Pb	PPM Zn	PPM Ag
TGR-8	10	124	+1000	+1000	+30.0
TGR-9	15	-	-	-	0.3
TGR-10	30	+1000	+1000	+1000	+30.0
TGR-11	30	933	+1000	+1000	+30.0
TGR-12	30	+1000	+1000	+1000	+30.0
TGR-13	20	+1000	+1000	+1000	+30.0
TGR-14	10	+1000	+1000	+1000	+30.0
TGR-15	40	+1000	+1000	+1000	+30.0
TGR-16	40	54	503	370	2.1
TGR-17	30	+1000	+1000	+1000	+30.0
TGR-18	20	38	+1000	+1000	10.3
TGR-19	25	534	+1000	+1000	+30.0
TGR-20	20	+1000	+1000	+1000	+30.0
TGR-21	45	47	+1000	+1000	8.3
TGR-22	5	+1000	+1000	+1000	+30.0
TGR-23	25	44	530	185	3.4
TGR-24	25	62	370	342	2.1
TGR-25	20	7	49	67	0.3
TGR-26	140	+1000	113	58	+30.0

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES LTD.
400, 255 - 17th Avenue S.W.
Calgary, Alberta T2S 2T8
ATTN: Jack Wyder

No. 31547
Date July 28, 1988
Samples Rock



Box 1-5
TIPPY LAKE

Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

PPB
AU

PPM
Ag

Geochemical analysis

BR-1	10	nil
BR-2	20	nil
GL-1	30	0.1
GL-2	10	0.2
FR-1	10	0.1
FR-2	5	0.2
LI-1	15	nil
LI-2	20	nil

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

APPENDIX III
SILT GEOCHEMICAL ANALYSIS

To: LONETREE RESOURCES LTD.
438, 355 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

F1 No. 31631

Date August 31, 1988

Samples Site

PROJECT: TIPPY LAKE



ATTN: Jack Wyden

Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

PPB
AU

PPM
Ag

"SITE Samples"

Geochemical Analysis

TG	1	10	0.3
	2	10	0.2
	3	10	0.2
	4	10	0.2
	5	10	0.1
	6	5	0.1
	7	NIL	0.4
	8	5	0.2
	9	NIL	0.2
	10	NIL	0.2
	11	10	0.2
	12	5	0.1
	13	5	0.1
	14	5	0.1
	15	15	0.2
	16	10	0.1
	17	15	0.1
	18	10	0.1
	19	10	0.2
	20	5	0.1
	21	10	0.2
	22	5	0.1
	23	NIL	0.1
	24	NIL	0.8
	25	5	0.1
	26	5	0.7
	27	5	0.4
	28	15	0.2
	29	NIL	0.2
	30	NIL	0.1

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 21631

Date August 31, 1988

Samples Silt

PROJECT: TIPPY LAKE



ATTN: Jack Wyder

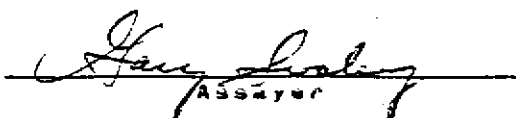
Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.	PPB Au	PPM Ag
TG 31	10	0.2
32	10	0.4
33	NIL	1.0
34	10	0.1
35	5	0.2
36	5	0.7
37	5	0.3
38	5	1.2
39	NIL	0.1
40	NIL	0.5
41	NIL	0.3
42	NIL	0.2
43	NIL	0.5
44	NIL	0.3
45	NIL	0.4
46	NIL	0.3
47	NIL	0.3
48	NIL	0.2
49	NIL	0.2
50	5	0.3
51	5	0.3
52	5	0.3
53	NIL	0.3
54	NIL	0.3
55	NIL	0.3
56	5	0.2
57	10	0.3
58	NIL	0.3
59	NIL	0.2
60	NIL	0.2
61	35	0.2
62	5	0.4
63	5	0.6

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES L.D.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 31631
Date August 31, 1989
Samples Silt
PROJECT: TIPPY LAKE



ATTN: Jack Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.	PPB AU	PPM AG
TG 64	NIL	0.4
65	30	0.4
66	25	0.4
67	30	0.4
68	20	0.5
69	20	0.5
70	25	0.5
71	25	0.3
72	10	0.3
TT 1	20	0.1
2	20	0.2
3	10	0.1
4	15	0.1
TS 2	25	0.1
TS 25	20	NIL
TS 50	5	0.1
TS 75	10	0.1
TS 100	15	NIL
125	20	0.1
150	20	NIL
175	5	0.2
200	10	NIL
225	5	0.1
250	10	0.4
275	5	0.1
300	15	0.4
325	10	0.4
350	10	0.3
375	10	0.1
425	10	0.2
450	10	0.1
475	10	NIL
500	5	0.1

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES LTD.
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 31631

Date August 31, 1988

Samples Silt

PROJECT: TIPPY LAKE



ATTN: Jack Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 4

SAMPLE NO.	PPB AU	PPM Ag
TS 525	10	0.1
550	10	0.1
TH 1	5	0.1
2	5	NIL
3	5	0.1
4	15	0.1
5	5	0.1
6	10	NIL
7	NIL	0.1
8	5	0.1
9	5	NIL
10	20	NIL
11	10	0.2
12	15	NIL
13	5	NIL
14	5	NIL
15	NIL	NIL
16	15	NIL
17	NIL	0.2
18	NIL	NIL
19	NIL	0.2
20	NIL	0.5
21	5	0.1
22	5	0.2
23	5	0.3
24	5	NIL
25	NIL	NIL
26	NIL	NIL
27	5	NIL
28	NIL	0.2
29	10	0.3
30	5	NIL
31	NIL	0.1

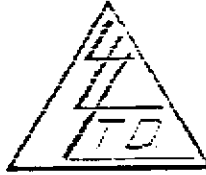
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 31631
Date August 31, 1988
Samples Silt
PROJECT: TIPPY LAKE



ATTN: Jack Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 5

SAMPLE NO.	PPB AU	PPM Ag
TH 32	5	NIL
33	5	NIL
34	5	NIL
35	NIL	NIL
36	5	NIL
37	5	0.1
38	5	NIL
39	NIL	NIL
40	NIL	0.1
41	5	0.2
42	5	NIL
43	5	NIL
44	10	NIL
45	NIL	NIL
46	NIL	NIL
47	NIL	NIL
48	5	0.1
49	5	0.1
50	5	NIL
51	NIL	0.4
52	NIL	0.1
53	5	0.1
54	5	0.2
55	NIL	0.2
56	NIL	0.2
57	NIL	0.2
58	NIL	0.1
59	NIL	0.3
60	NIL	0.4
61	NIL	0.3
62	NIL	0.2
63	NIL	0.4
64	NIL	0.4

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

To: LONETREE RESOURCES L.D.
400, 255 - 17th Avenue S.W.
Calgary, Alberta T2S 2T8

File No. 31631
Date August 31, 1988
Samples Silt
PROJECT: TIPPY LAKE



ATTN: Jack Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 6

SAMPLE NO.	PPB Au	PPM Ag
TH 65	5	0.2
66	5	0.4
67	5	0.4
68	NIL	0.2
69	NIL	0.5
70	NIL	0.4
71	NIL	0.3
72	NIL	0.3
73	NIL	0.2
74	NIL	0.3
80	NIL	0.1
81	NIL	0.3
82	NIL	0.4
83	NIL	0.2
84	NIL	0.1
85	NIL	0.1
86	NIL	0.2
87	NIL	0.1
88	NIL	0.1
89	NIL	0.1
90	NIL	0.2
BB1 0	NIL	0.2
25	5	0.2
50	5	0.2
75	5	0.4
BB2 0	NIL	0.2
25	5	0.1
50	5	0.1
100	NIL	0.1
125	NIL	0.2
200	5	0.1
BB 10	5	0.2
25	5	0.2

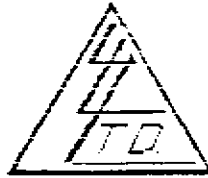
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Gary Ludwig
Assayer

To: LONETREE RESOURCES LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T3

File No. 31631
Date August 31, 1999
Samples Silt
PROJECT: TIPPY LAKE



ATTN: Jack Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 7

SAMPLE NO.	PPB Au	PPM Ag
BB 50	NIL	0.2
75	NIL	0.2
110	NIL	0.2
135	NIL	0.3
175	NIL	0.3
200	NIL	0.3
225	NIL	0.4
250	NIL	0.2
275	NIL	0.1
300	NIL	0.2
325	5	0.1
350	NIL	0.3
375	NIL	0.3
400	NIL	0.3
425	NIL	0.2
450	10	0.1
475	NIL	0.1
500	5	0.2
525	5	0.2
550	NIL	0.1
575	NIL	0.3
600	NIL	0.2
625	NIL	0.2
BD 75	5	0.5
100	5	0.2
125	NIL	0.6
150	NIL	0.4
175	NIL	0.3
200	NIL	0.3
225	NIL	0.2
250	5	0.4
300	5	0.4
450	10	0.5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES LTD.
400, 255 - 17th Avenue S.W.
Calgary, Alberta T2S 2T8

File No. 31531

Date August 31, 1988

Samples Silt

PROJECT: TIPPY LAKE



ATTN: Jack Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 8

SAMPLE NO.	PPB Au	PPM Ag
BD 500	5	0.2
700	5	0.2
775	5	0.3
825	5	0.1
BT 0	NIL	0.6
50	NIL	NIL
100	NIL	0.9
150	NIL	0.2
200	NIL	0.1
250	10	0.1
280	5	NIL
300	NIL	0.1
350	NIL	NIL
400	NIL	NIL
450	NIL	0.2
500	NIL	0.1
550	50	NIL
700	NIL	NIL
BN 0	NIL	0.1
1	5	NIL
2	5	0.1
3	5	0.1
4	5	0.1
5	5	NIL
6	NIL	NIL
7	5	NIL
8	10	0.1
9	5	0.1
10	10	NIL
11	5	NIL
12	5	0.1
13	10	0.1
14	NIL	0.1

I Hereby Certify that the above results are those
 assays made by me upon the herein described samples....

Rejects retained one month.
 Pulps retained one month
 unless specific arrangements
 are made in advance.

Jack Wyder
 Assayer

To: LONETREE RESOURCES LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 31531
Date August 31, 1989
Samples Silt
PROJECT: TIPPY LAKE



ATTN: Jack Wyder

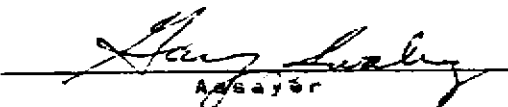
Certificate of Assay LORING LABORATORIES LTD.

Page # 9

SAMPLE NO.	PPB Au	PPM Ag
BN 15	NIL	0.1
16	10	0.1
17	10	0.2
18	NIL	NIL
19	5	NIL
20	5	NIL
21	5	NIL
22	5	NIL
23	5	NIL
24	5	NIL
25	5	NIL
27	5	0.1
28	5	0.1
29	NIL	NIL
30	NIL	0.1
31	NIL	NIL
32	NIL	NIL
33	NIL	0.1
34	NIL	0.1
35	NIL	0.1
36	NIL	0.1
37	NIL	0.2
38	NIL	0.3
39	NIL	0.2
40	NIL	0.1
41	NIL	0.1
PU 0	5	0.2
60	NIL	0.2
75	NIL	0.2
100	NIL	0.1
125	NIL	0.2
150	NIL	0.2
175	NIL	0.1

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES L.D.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T9

File No. 31631
Date August 31, 1988
Samples Silt
PROJECT: TIPPY LAKE



ATTN: Jack Wyder

Certificate of Assay LORING LABORATORIES LTD.

Page # 10

SAMPLE NO.	PPB Au	PPM Ag
PU 225	NIL	0.1
250	NIL	0.3
275	NIL	0.1
305	5	0.1
325	5	0.2
350	NIL	0.1
392	NIL	0.2
450	NIL	0.1
475	NIL	0.2
SP 0	NIL	0.3
25	NIL	0.1
50	NIL	0.2
75	6	0.2
100	NIL	0.2
125	NIL	0.1
150	NIL	0.1
175	NIL	0.2
200	NIL	0.1
225	NIL	NIL
250	NIL	NIL
275	NIL	0.1
300	NIL	NIL
325	NIL	NIL
350	NIL	NIL
375	NIL	0.1
400	6	NIL
JB 0	NIL	NIL
25	NIL	NIL
50	NIL	0.1
155	NIL	0.1
175	5	0.1
205	NIL	NIL
225	NIL	0.1

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

To: LONETREE RESOURCES LTD.,
400, 255 - 17th Avenue S.W.,
Calgary, Alberta T2S 2T8

File No. 31631
Date August 31, 1988
Samples Silt
PROJECT: TIPPY LAKE



ATTN: Jack Wyder

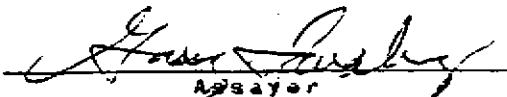
Certificate of Assay LORING LABORATORIES LTD.

Page # 11

SAMPLE NO.	PPB AU	PPM Ag
JB 250	NIL	0.1
275	NIL	0.1
300	NIL	0.1
325	NIL	0.1
350	NIL	0.1
400	15	0.1
425	50	0.1
450	5	0.1
475	NIL	0.3
500	NIL	NIL
525	5	0.2
550	NIL	0.1
575	5	0.1
600	5	0.2
625	NIL	0.1
650	NIL	0.2
700	NIL	0.3

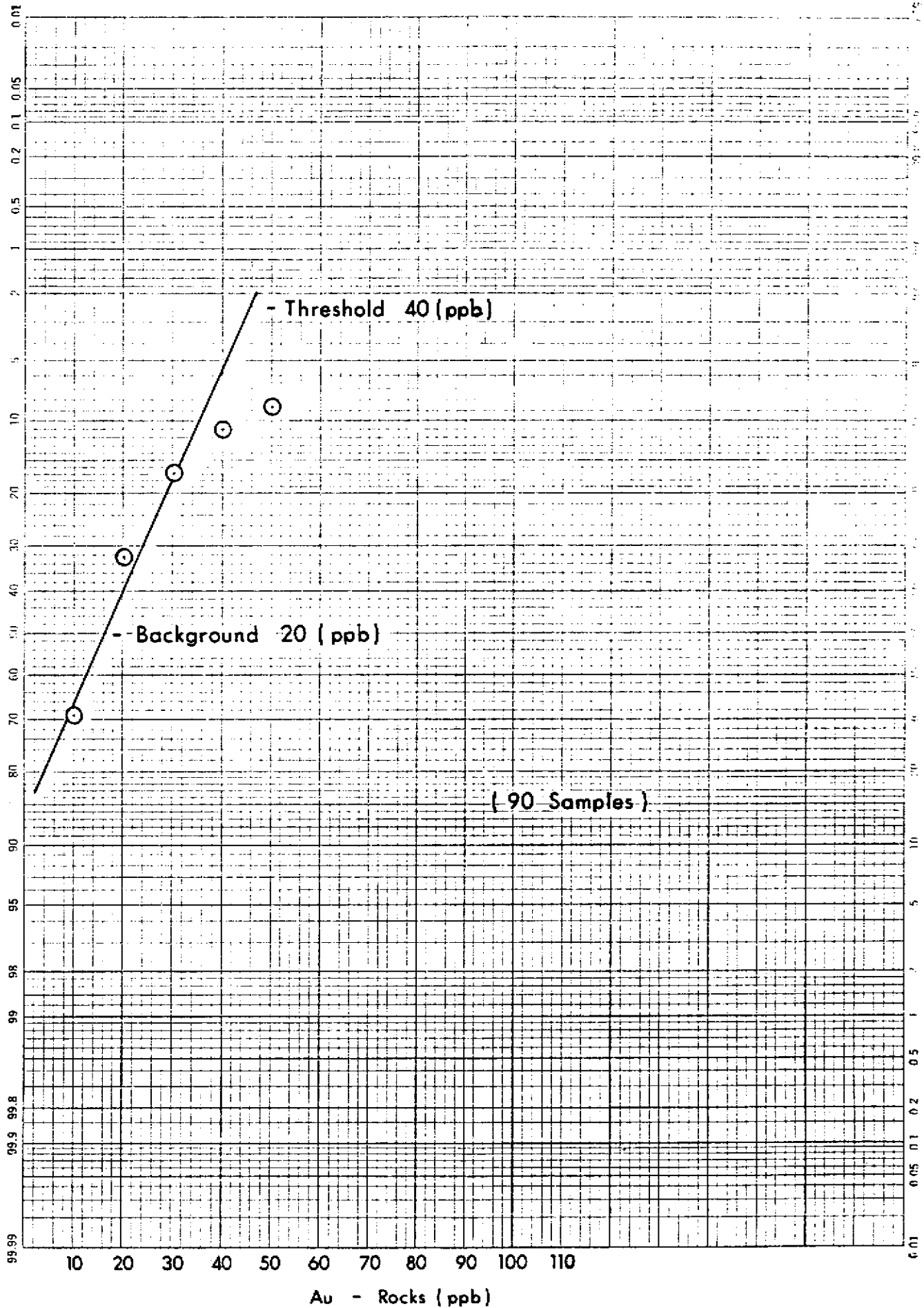
I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

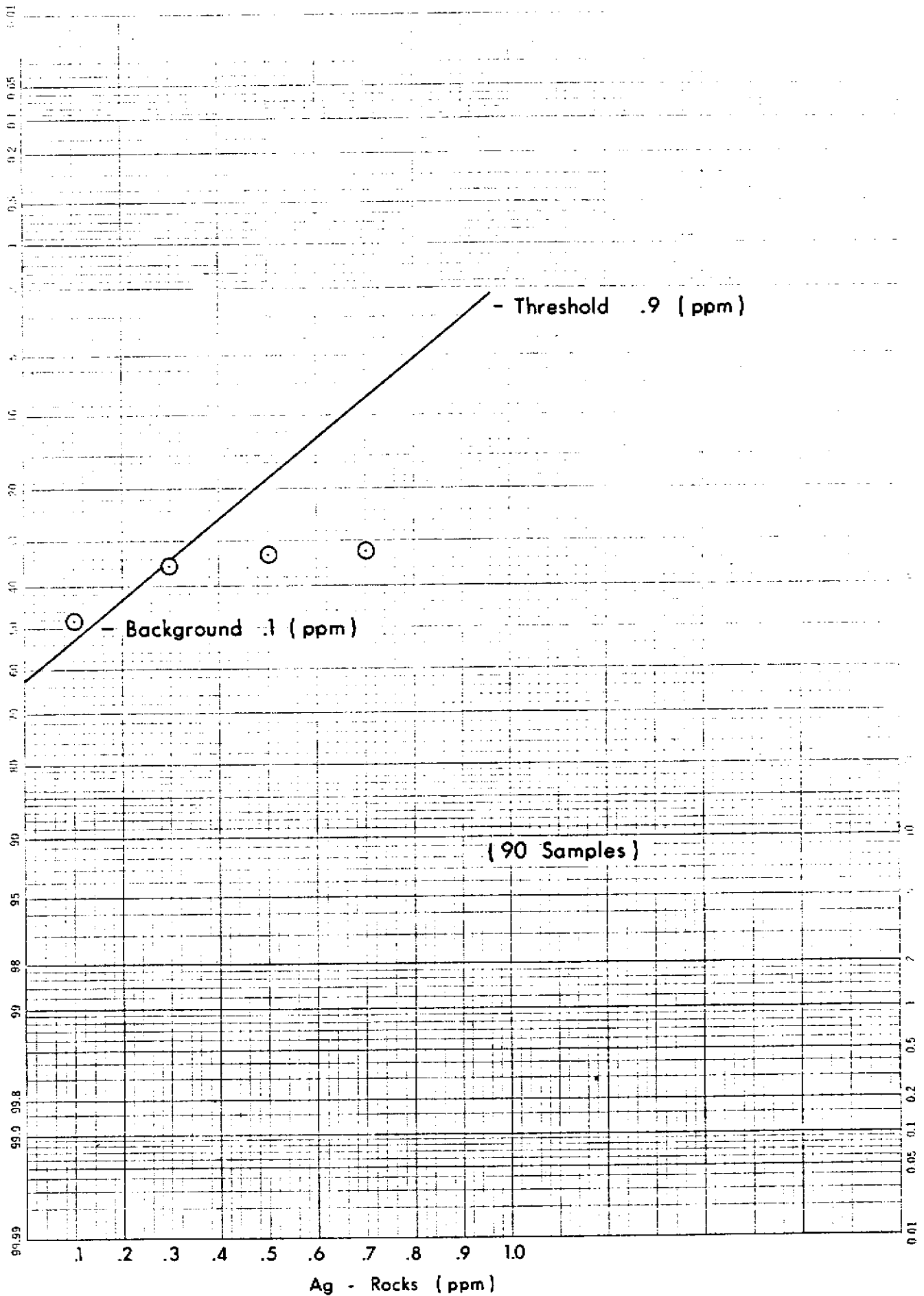

Assayer

APPENDIX IV
CUMULATIVE FREQUENCY PLOTS

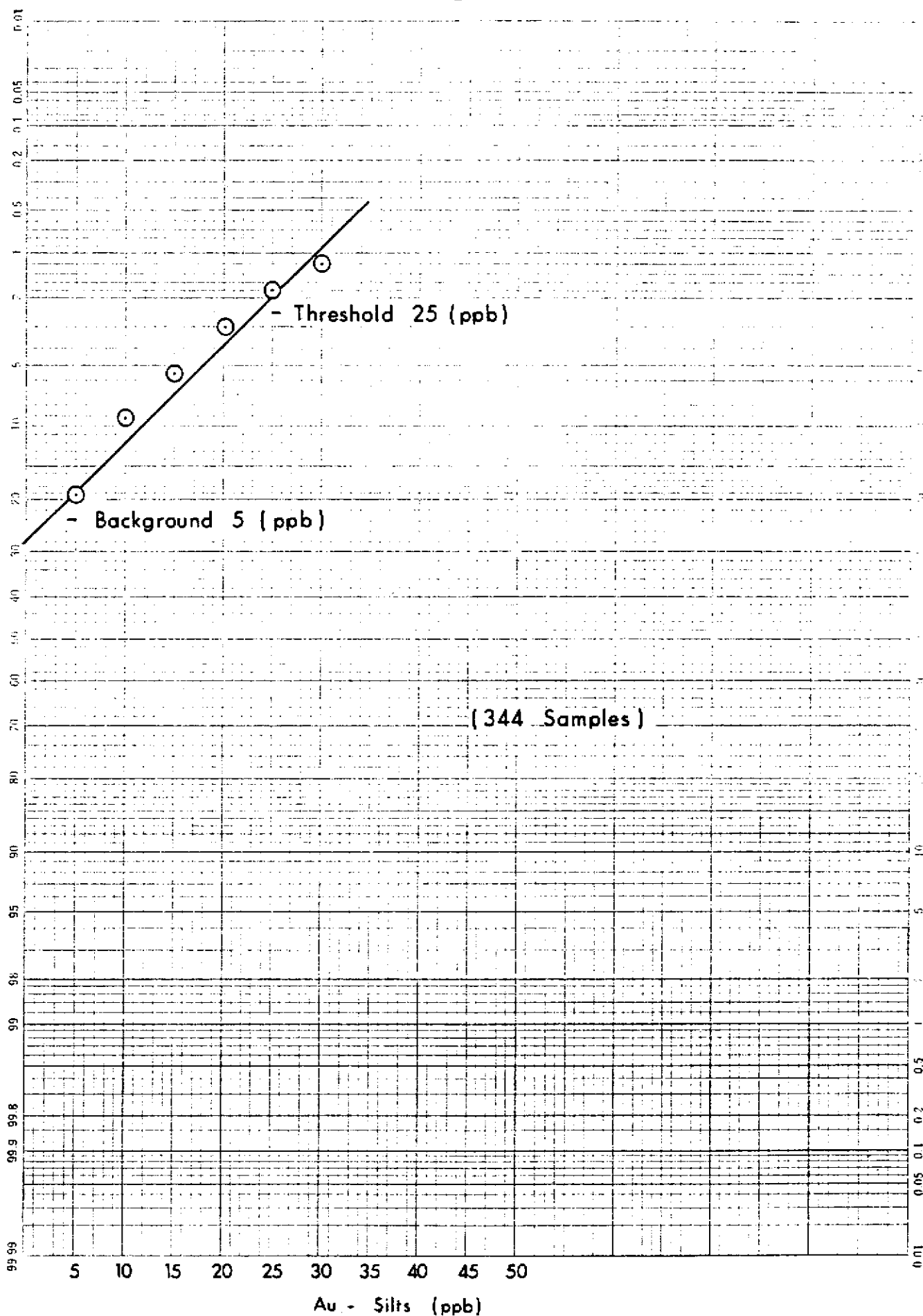
TIPPY LAKE



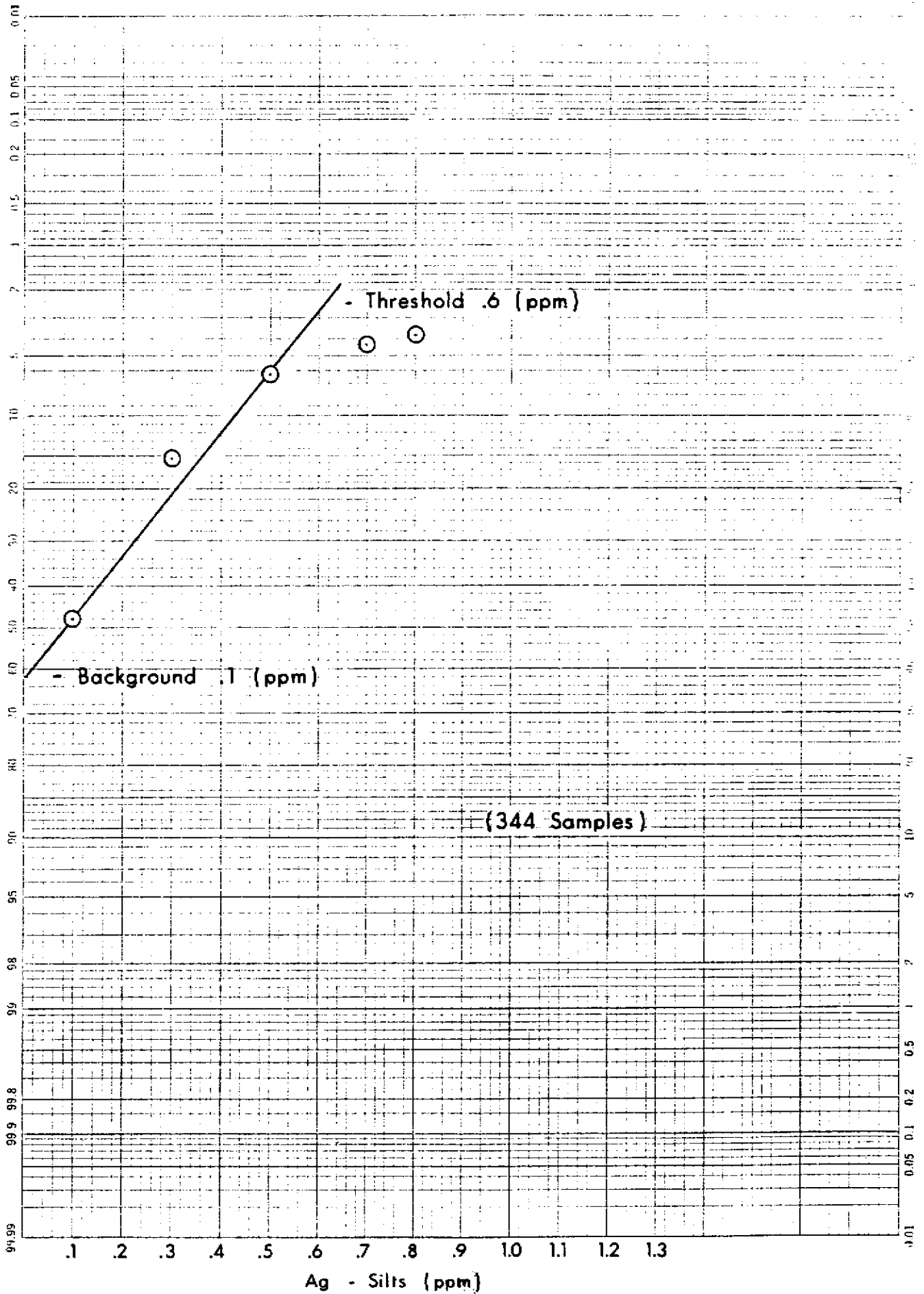
TIPPY LAKE



TIPPY LAKE



TIPPY LAKE



APPENDIX V
SAMPLE DESCRIPTIONS

SAMPLE DESCRIPTIONS

- CG-1: float - select grab, angular to subangular boulder, rusty weathering, medium grained, highly silicified, highly fractured felsic metased? (or diorite), silicification masks original texture, epidote alteration along fracture, py mineralization principally along fracture, 5% py - medium to finely disseminated.
- CG-2: float - select grab, medium grained quartz greywacke, 5-7% fine to medium disseminated py, boulder 40 cm x 20 cm, well rounded.
- CG-3: float - select grab, .5 meter diameter boulder, 5-7% medium to coarse grained py crystals, highly silicified diorite, some quartz stringers.
- CG-4: float - select grab, quartz with sericite and chlorite schist inclusions, 7-10% py, coarse disseminated pc crystals, mineralization cleavages.
- CG-5: 1 meter chip, highly gossaned, 2-3% disseminated py crystals, siliceous greywacke.
- CGI-1: 1 meter chip, quartz-feldspar vein in feldspar porphyry, vein 4-6 cm wide with minor inclusions of chlorite schist and feldspar porphyry strike 300° dip 40°N, associated with quartz-stockworks trending 300 - 340 subvertical and subhorizontal.
- CGI-2: 1 meter chip, feldspar - quartz vein, same description as CGI-1 (120°/90°) new intrusive contact host rock, intense quartz stockworks, epidote and chlorite alteration pervasive hematite staining masking lithology.
- CGI-3: 1 meter chip across shear, highly hematized rock obscuring lithology, moderate to weakly gossaned o/c, shear approximately 090°/30°S.
- CGI-4: float - select grab, quartz, 4-6% finely disseminated py, rusty weathering.
- CGI-5: float - select grab, highly gossaned volcanic, narrow 4-30 mm quartz veins, subparallel, 10-15% pyrite medium to finely disseminated in volcanic, mineralization in quartz veins - sparse.
- CGI-6: 1 meter chip, breccia pods with clasts 2-3 mm to 50 - 70 mm, matrix of pods highly epidotized, pods are in feldspar porphyry, matrix highly epidotized, minor hematization, silicified.

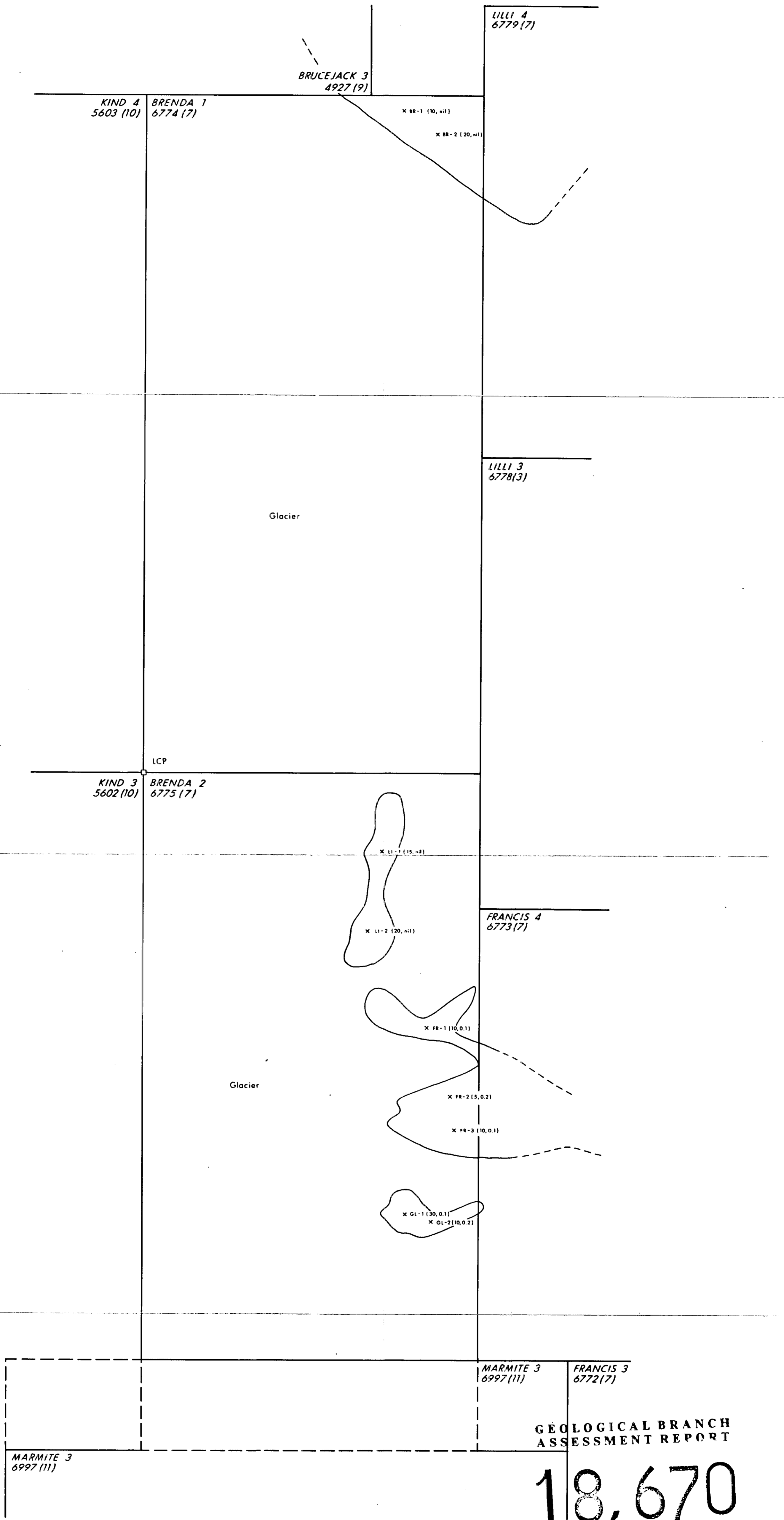
- LP-1: 1 meter chip, quartz-stockwork in feldspar porphyry, quartz veins 4-6 cm wide with minor inclusions of chlorite schist and feldspar porphyry.
- LP-2: 1 meter chip, same description as LP-1.
- LP-3: 1 meter chip, quartz vein, 2-3 cm wide near intrusive contact, highly hematized.
- PV-01: 1 meter chip, altered volcanic, 2-3% pyrite.
- PV-150: 1 meter chip, highly gossaned volcanic; trace pyrite.
- PV-225+20W: 1 meter chip, gossaned volcanic, highly pyritic.
- PV-1000: 1 meter chip, altered volcanic, 5-7% pyrite.
- JB-620: 1 meter chip, gossaned altered volcanic, no visible sulphides.
- JB-684: 1 meter chip, altered volcanic, 3-5% pyrite.
- IS-1: 1 meter chip, intense quartz stockwork 40-50% with some rusty spots, altered volcanic, quartz veins generally 5-15 cm wide, trace pyrite.
- IS-2: 1 meter chip, quartz stockwork 30-40%, quartz veinlets 5-15 mm wide in highly silicified bleached quartz sandstone to quartz greywacke, iron oxide cavities.
- IS-3: 15 cm ship across spotty gossan, silicified felsic rock possibly sandstone to siltstone, minor quartz veinlets 5-10 mm wide, fine quartz stringers 1-3 mm wide, no visible sulphides.
- IS-4: 30 cm chip across gossan, same description as IS-3.
- IS-5: 20 cm chip across same gossan zone as IS-3, centered along quartz veinlet 10-12 mm wide, same lithology as IS-3.
- IS-6: select grab, quartz greywacke to sandstone, gossaned, gossan predominates along fracture, possible minor weathered sulphides, fine quartz stringers 2-3 mm, some euhedral quartz vugs.
- IS-7: 15 cm ship, highly silicified gossan, white-yellow altered volcanic, hematitic, iron stains along hairline fractures and quartz stringers 1-2 mm wide, intense hematization of quartz stringers.
- IS-8: 15 cm chip across gossan zone, highly silicified felsic rock, 2-5% sulfided finely disseminated.

- IS-9: 10 cm chip across gossan zone, highly silicified altered volcanic, trace pyrite finely disseminated along 1-2 mm quartz stringers.
- IS-10: 15 cm chip, gossan zone, felsic rock highly silicified, 1-2% finely disseminated pyrite.
- IS-11: 10 cm chip, gossan zone, felsic rock, highly silicified, iron staining along hairline fractures and quartz stringers.
- IS-12: 10 cm chip, same description as IS-8, 2-3% pyrite moderately disseminated.
- IS-13: select grab, strongly gossaned highly silicified felsic rock, grey-white colour, possibly sandstone-siltstone, iron staining along fractures.
- IS-14: 40 cm chip, gossan zone, same description as IS-11.
- BD-075: 1 meter chip, altered volcanic, minor quartz veinlets, iron staining, trace pyrite.
- BN-01: 1 meter chip, altered volcanic, iron staining, 2-3% pyrite.
- BN-125: 1 meter chip, altered volcanic with minor quartz veinlets, iron staining, possible shear zone, 2-3% pyrite.
- BN-625: 1 meter chip, altered volcanic with minor quartz veinlets, trace pyrite.
- THR-1: 20 cm chip, highly silicified altered volcanic, minor quartz veinlets, no visible sulphides.
- THR-2: 20 cm chip, highly silicified altered volcanic, minor quartz veinlets, 2-3% pyrite.
- THR-3: 1 meter chip, highly silicified altered volcanic, 3-5% pyrite.
- THR-4: 1 meter chip, small gossan zone, highly silicified altered volcanic, 3-5% pyrite.
- THR-5: 1 meter chip, small gossan zone, highly silicified altered volcanic, minor quartz veinlets, 5-7% pyrite.
- THR-1000: 1 meter chip, altered volcanic, highly silicified, 5-7% pyrite.
- TTR-1: 1 meter chip, altered volcanic, silicified, 2-3% pyrite.
- TTR-2: select grab - float, altered volcanic, silicified, 2-3% pyrite.

- TGR-1: select grab, quartz stockwork in siltstone matrix, chloritic, limonitic, no visible sulphides.
- TGR-2: 1 foot chip, siltstone with 8-10% pyrite, seams of massive pyrite up to 2 mm wide.
- TGR-3: 30 inch chip, quartz vein, barren, slightly limonitic.
- TGR-4: select grab-float, subangular quartz boulder, highly limonitic, no visible sulphides.
- TGR-5: select grab-float, well rounded quartz boulder, limonitic, trace to 1% pyrite.
- TGR-5A: select grab-float, quartz, 7-10% Pbs, 1-2% Cpy, malachite, azurite, chloritic, graphitic.
- TGR-6: select grab-float, very altered siltstone with quartz veinlets, highly chloritic, 3-5% Cpy, 3-5% Pbs, malachite, azurite.
- TGR-7: 3 foot chip, interfingered siltstone and quartz, quartz has up to 3% Pbs, limonitic, chloritic.
- TGR-8: select grab-float, subangular 6 inch boulder, 3-5% Pbs, 5-7% Zns, limonitic, chloritic.
- TGR-9: 2 foot chip, altered andesite, 2-3% pyrite, iron staining.
- TGR-10: select grab-float, subrounded boulder 15"x10"x5", altered volcanic, black, quartz carbonate veinlets, massive Pbs and Zns, trace malachite, sulphides make up 2% of rock.
- TGR-11: 30 inch chip, quartz veinlets intermixed with siltstone, 1-2% Cpy, 5-7% Pbs, trace malachite.
- TGR-12: 14 inch chip, quartz veinlets with a siltstone matrix, 2-3% Cpy, 5-7% Pbs, trace malachite.
- TGR-13: 6 inch chip, siltstone with abundant quartz veinlets, 5-7% Pbs, trace Cpy, trace malachite.
- TGR-14: 18 inch chip, quartz vein intermixed with siltstone, 5-7% Pbs, trace malachite, trace azurite.
- TGR-15: 15 inch chip, same description as TGR-14, massive Pbs, trace malachite.
- TGR-16: 4 foot chip, siltstone with yellow goethite staining.

- TGR-17: select grab, quartz intermixed with siltstone, limonitic, 7-10% Cpy, 10-15% Pbs, trace malachite.
- TGR-18: 4 inch chip, quartz vein, limonitic, 5-7% Zns.
- TGR-19: 6 inch chip, quartz vein, 7-10% Pbs, 15-20% Zns.
- TGR-20: select grab, subangular boulder, quartz, massive Pbs, 5-7% Cpy, 3-5% Zns.
- TGR-21: select grab-float, quartz-siderite boulder, 2-3% Pbs.
- TGR-22: 7 inch chip, quartz vein, massive Pbs, limonitic.
- TGR-23: 4 inch chip, quartz sweat, chloritic, limonitic, no visible sulphides.
- TGR-24: 42 inch chip across quartz/calcite veinlets/swells/blebs in mudstone matrix, slightly chloritic, limonitic, no visible sulphides.
- TGR-25: 20 inch chip, quartz vein intermixed with mudstone, slightly chloritic, limonitic, no visible sulphides.
- TGR-26: select grab-float, quartz with very coarse discrete crystals, brecciated clasts 1-5 cm, highly altered clasts within tense chlorite, epidote and/or sericite alteration, dark green mineral in pale green clast matrix, bornite (chalcocite?) up to 10-15%, malachite staining.
- BR-1: 1 meter chip, highly sheared, felsic volcanic fine grained, quartz-epidote-sericite-carbonate alteration along irregular veins, 1-2% pyrite.
- BR-2: 1 meter chip, altered volcanic, medium grained, quartz vein: 1-2 cm wide, chlorite alteration along selvages, sericite and epidote alteration along fractures, 1-2% pyrite.
- GL-1: 1 meter chip, highly fractured siltstone to greywacke, fine grained, 1-2% pyrite.
- GL-2: 1 meter chip, highly fractured greywacke, fine grained, faintly banded, 1-2% pyrite.
- FR-1: 1 meter chip, intermediate pyroclastics, highly sheared with pervasive quartz - carbonate veinlets subparallel to foliation, rusty weathering along quartz veinlets, trace pyrite.
- FR-2: 1 meter chip, same description as FR-1, different shear zone.

- FR-3: 1 meter chip, same description as FR-1, different shear zone.
- LI-1: 1 meter chip, felsic volcanic, fine grained, 1-2 cm quartz vein, euhedral quartz along vein, fine quartz veinlets subparallel to larger vein (1-2 mm), no visible sulphides.
- LI-2: 1 meter chip, felsic volcanic, very fine grained, spotty hematite - possible weathering feature, no visible sulphides.

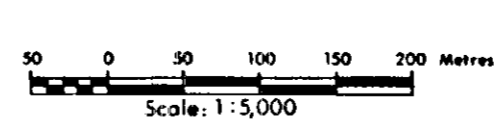


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

18,670

LEGEND

- x Rock Geochemical Sample Site
- Overstaking
- BRENDA 1 Claim Name
- 6774 (7) Record Number (Month of Expiry)
- Analysis Au (ppm), Ag (ppm)



WYDMAR DEVELOPMENT CORP.	
TIPPY LAKE PROJECT	
ROCK GEOCHEMICAL SURVEY	
BRENDA CLAIMS	
Scale: 1:5,000	Figure: 4 Date: April, 1989

STELLA
5856 (2)

Glacier

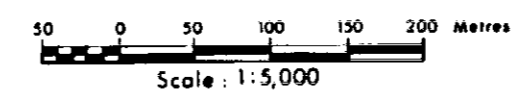
Glacier

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,670

LEGEND

- x Rock Geochemical Sample Site : Insitu
 - o Rock Geochemical Sample Site : Float
 - Silt Geochemical Sample Site
- LINDA Claim Name
5782(2) Record Number, (Month of Expiry)
Geochemical Analysis: Au (ppb), Ag (ppm)
Unless Otherwise Stated



WYDMAR DEVELOPMENT CORP.	
TIPPY LAKE PROJECT	
ROCK and SILT	
GEOCHEMICAL SURVEY	
STELLA CLAIM (2)	
Figure: 5	Date: April, 1989

CGI-2 (15,0.1) x LP-02 (10,0.1) x CGI-3 (10,0.1)

CGI-4 (30,1.4)

CGI-5 (10,0.1) o LP-02 (30,0.2) LP-01 (20,0.2) CGI-1 (5,0.3)

BB1-75 (5,0.4) BB1-50 (5,0.2) BB1-25 (5,0.2) BB1-0 (nil,0.2)

BB2-200 (5,0.1) BB2-125 (nil,0.2) BB2-100 (nil,0.1) BB2-50 (5,0.1) BB2-25 (5,0.1) BB2-0 (nil,0.2)

TH-23 (5,nil) TH-24 (5,nil) TH-35 (nil,nil) TH-36 (5,nil)

TGR-20 (140, +36) 5.4 wt/ton Ag CG-1 (20,0.5)

CG-2 (10,0.1)

PU-0 (5,0.2) Silt
PU-0 (10,0.2) Rock

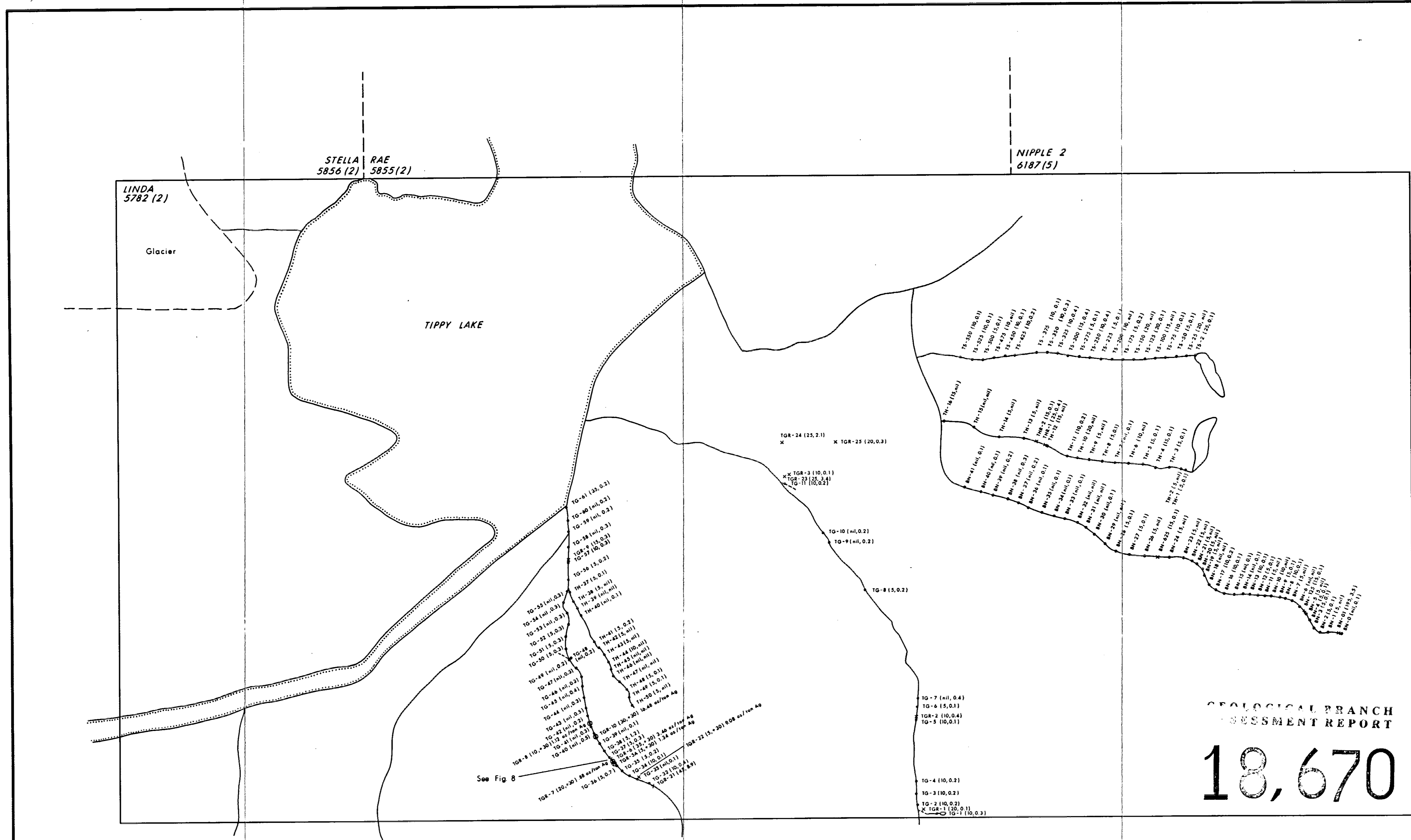
PU-60 (nil,0.2)
PU-75 (nil,0.2)
PU-100 (nil,0.1) Silt
PU-100 (460, 3.9) Rock
PU-123 (nil,0.2)
PU-150 (nil,0.2) Silt
PU-150 (10,0.2) Rock
PU-175 (nil,0.1)

PU-225 (nil,0.1)
PU-230 (nil,0.3)
PU-275 (nil,0.1)
PU-305 (5,0.1)
PU-325 (5,0.2)
PU-350 (nil,0.1)
PU-392 (nil,0.2)
PU-450 (nil,0.1)
PU-475 (nil,0.2)

PU-225 +20 W (10,0.4) x
PU-230 (nil,0.3)
PU-275 (nil,0.1)
PU-305 (5,0.1)
PU-325 (5,0.2)
PU-350 (nil,0.1)
PU-392 (nil,0.2)
PU-450 (nil,0.1)
PU-475 (nil,0.2)

LP-200 (5,nil) LP-225 (nil,0.1) LP-250 (nil,nil) LP-325 (nil,nil) LP-275 (nil,0.1) LP-280 (nil,nil) LP-285 (nil,0.2) LP-290 (nil,0.2) LP-295 (nil,0.2) LP-300 (nil,0.2) LP-305 (nil,0.2) LP-310 (nil,0.2) LP-315 (nil,0.2) LP-320 (nil,0.2) LP-325 (nil,0.2) LP-330 (nil,0.2) LP-335 (nil,0.2) LP-340 (nil,0.2) LP-345 (nil,0.2) LP-350 (nil,0.2) LP-355 (nil,0.2) LP-360 (nil,0.2) LP-365 (nil,0.2) LP-370 (nil,0.2) LP-375 (nil,0.2) LP-380 (nil,0.2) LP-385 (nil,0.2) LP-390 (nil,0.2) LP-395 (nil,0.2) LP-400 (nil,0.2) LP-405 (nil,0.2) LP-410 (nil,0.2) LP-415 (nil,0.2) LP-420 (nil,0.2) LP-425 (nil,0.2) LP-430 (nil,0.2) LP-435 (nil,0.2) LP-440 (nil,0.2) LP-445 (nil,0.2) LP-450 (nil,0.2) LP-455 (nil,0.2) LP-460 (nil,0.2) LP-465 (nil,0.2) LP-470 (nil,0.2) LP-475 (nil,0.2) LP-480 (nil,0.2) LP-485 (nil,0.2) LP-490 (nil,0.2) LP-495 (nil,0.2) LP-500 (nil,0.2)

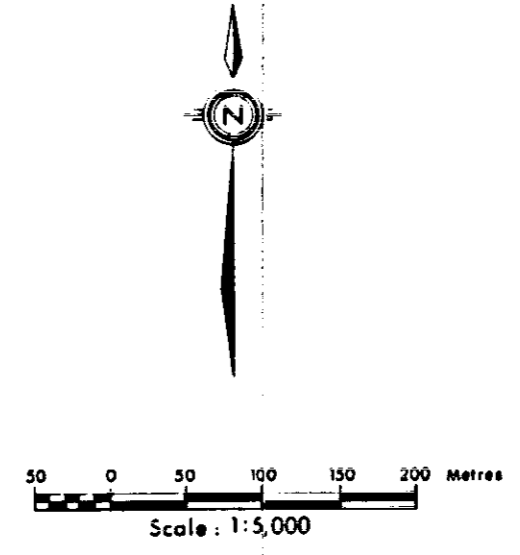
CG-3 (80,4.3) CG-4 (350,+30) CG-5 (25,0.3)



GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,670

LEGEND

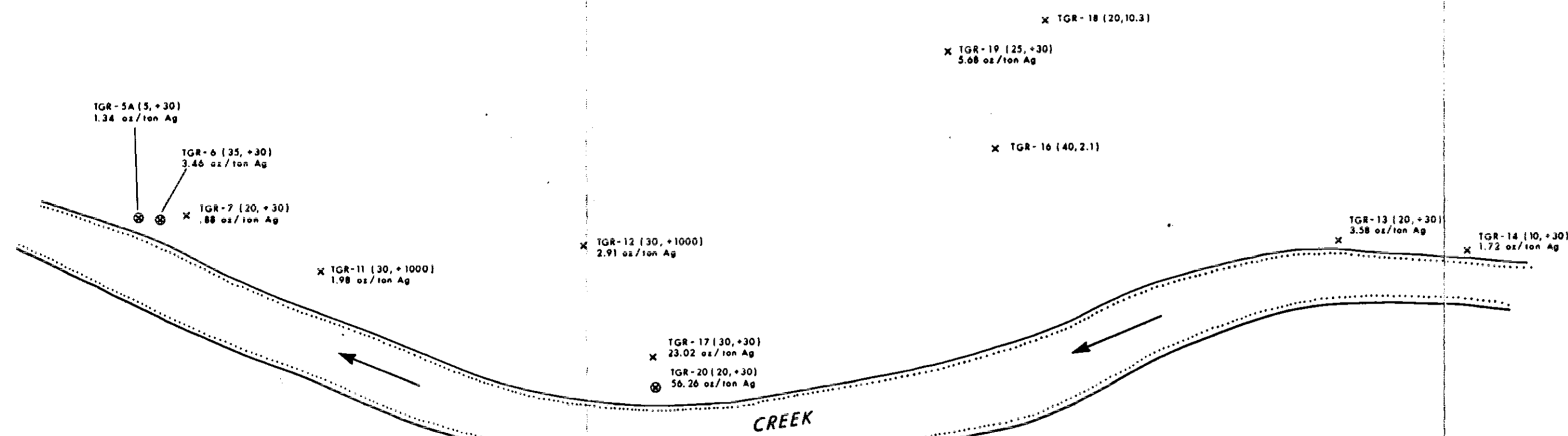
- x Rock Geochemical Sample Site : In situ
 - ⊙ Rock Geochemical Sample Site : Float
 - Silt Geochemical Sample Site
- LINDA Claim Name
5782(2) Record Number, (Month of Expiry)
Geochemical Analysis : Au (ppb), Ag (ppm)
Unless Otherwise Stated



WYDMAR DEVELOPMENT CORP.

TIPPY LAKE PROJECT
ROCK and SILT
GEOCHEMICAL SURVEY
LINDA CLAIM

Figure: 7
Date: April, 1989

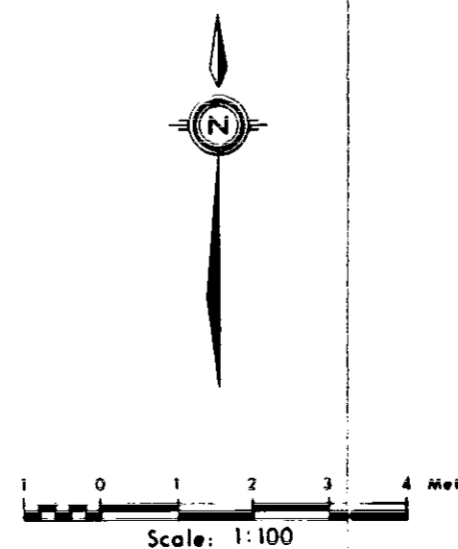


GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,670

LEGEND

- x Rock Geochemical Sample Site: Insitu
 - ⊗ Rock Geochemical Sample Site: Float
- Geochemical Analysis: Au (ppb), Ag (ppm)
Unless Otherwise Stated



WYDMAR DEVELOPMENT CORP.	
TIPPY LAKE PROJECT	
ROCK GEOCHEMICAL SURVEY	
SILVER SHOWINGS: LINDA CLAIM (5)	
Figure: 8	Date: April, 1989
Scale: 1:100	