MAP NO.:

105 N /14
106 C /3

ASSESSMENT REPORT X

PROSPECTUS

CONFIDENTIAL X

OPEN FILE

DOCUMENT NO: 093031

MINING DISTRICT: Mayo

TYPE OF WORK: Geological and Geochemical Evaluation

REPORT FILED UNDER: Kennecott Canada Inc.

DATE PERFORMED: July 2 to July 4, 1991

DATE FILED: June 12, 1992

LOCATION: **LAT.:** 64°00'N

LONG.: 133°09'W

AREA: Ortell Mountain Area

VALUE $: 5,000.00

CLAIM NAME & NO.: Tell 1 - 10, YB18115 - YB18124.

WORK DONE BY: Gerald G. Carlson

WORK DONE FOR: Kennecott Canada Inc.

DATE TO GOOD STANDING:

REMARKS: # 105 - N - Ortell Mountain Area
The company carried out detailed stream sediment sampling with some soil and rock sampling in order to investigate a known mineral occurrence (Minfile # 105 N 015, Kidd Occurrence). The company found a ferricrete associated with Devono-Mississippian black shales which assayed up to 45 % Fe and greater than 10 % Zn in places. Soils samples returned up to 4,800 ppm Zn while silt samples assayed up to 26,000 ppm Zn. It is thought that the Zn rich ferricrete is a hydromorphic anomaly that is likely derived from a source at depth along a fault zone.

REPORT FOR ASSESSMENT

GEOLOGICAL AND GEOCHEMICAL EVALUATION

OF THE

093031

TELL 1 TO 10 CLAIMS

093031

Ortell Mountain Area
Mayo Mining District

NTS 105N/14, 106C/3

64° 00' N; 133° 09' W

Prepared for:

Kennecott Canada Inc.
138-200 Granville St.
Vancouver, B.C.
V6C 1S4

1 June 1992

Prepared by: Gerald G. Carlson
Consultant Geologist
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V7V 4E8
Phone (604)290-8021
FAX (604)925-9883

093031

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 5,000.00.

Robert Deklerk

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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In Pocket

INTRODUCTION

In early spring, 1991, a proposal was approved to carry out a data compilation on a relatively little known portion of Selwyn Basin, Yukon, on behalf of Kennecott Canada Inc. This area included the Lansing map sheet (105N) and adjacent parts of the Mayo (105M) map sheet. The initial program involved staking some known occurrences and carrying out a small baseline study in preparation for an announced government reconnaissance geochemical release over the proposed project area.

A total of 34 claims in four groups (LADUE, KENO, TELL and JOY) were staked in late May, 1991. During the period June 24 to July 8, a crew of three geologists, fly camping, evaluated these four properties as well as adjacent favorable stratigraphy.

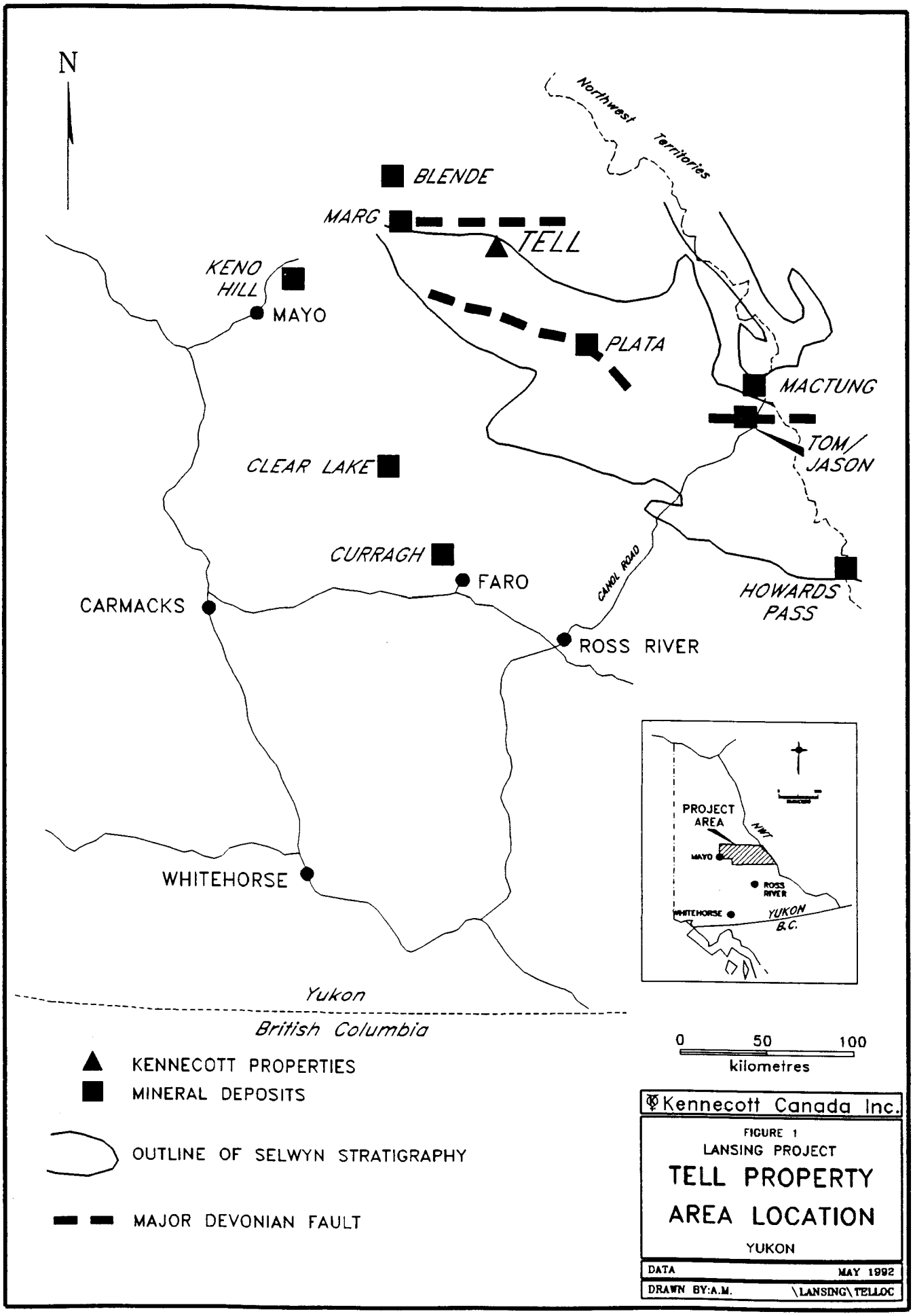
Work included detailed stream sediment sampling with some support soil and rock sampling. When outcrops were encountered, lithologies and structure were noted although, due to the scarcity of outcrop and the wide spacing of traverses, no attempt was made to compile a geological map.

The TELL claims were staked to cover a reported mineral occurrence which was investigated by McIntyre Mines (KIDD - Occurrence No. 15, NTS 105N/14) with reported sphalerite and hydrozincite in ferricrete associated with Devono-Mississippian black shales.

LOCATION AND ACCESS

The TELL claims are located in east central Yukon (Figure 1), centred at 64° 00' N and 133° 09' W, NTS sheet 105N/14 and 106C/03, in the Mayo Mining Division. The claims are located roughly 380 km north-northeast of Whitehorse.

Access is by helicopter from Mayo, 140 km to the west-southwest, or Carmacks, 265 km southwest. Float planes can access several small lakes within 10 to 15 km south of the property.


N
Northwest Territories
BLENDE
MARG
TELL
KENO HILL
MAYO
PLATA
MACTUNG
TOM/ JASON
CLEAR LAKE
CURRAGH
FARO
CANOL ROAD
HOWARDS PASS
CARMACKS
ROSS RIVER
WHITEHORSE
Yukon
British Columbia
PROJECT AREA
NWT
MAYO
ROSS RIVER
WHITEHORSE
YUKON
B.C.
0 50 100
kilometres
KENNECOTT PROPERTIES
MINERAL DEPOSITS
OUTLINE OF SELWYN STRATIGRAPHY
MAJOR DEVONIAN FAULT
Kennecott Canada Inc.
FIGURE 1
LANSING PROJECT
TELL PROPERTY
AREA LOCATION
YUKON
DATA MAY 1992
DRAWN BY:A.M. \LANSING\TELLOC

LIST OF CLAIMS

The TELL claim group is located in NTS sheets 105N/14 and 106C/03, centred at 64° 00' N and 133° 09' W, as shown in Figure 2. The following claims have been recorded in the Mayo Mining Division in the name of Kennecott Canada Inc.:

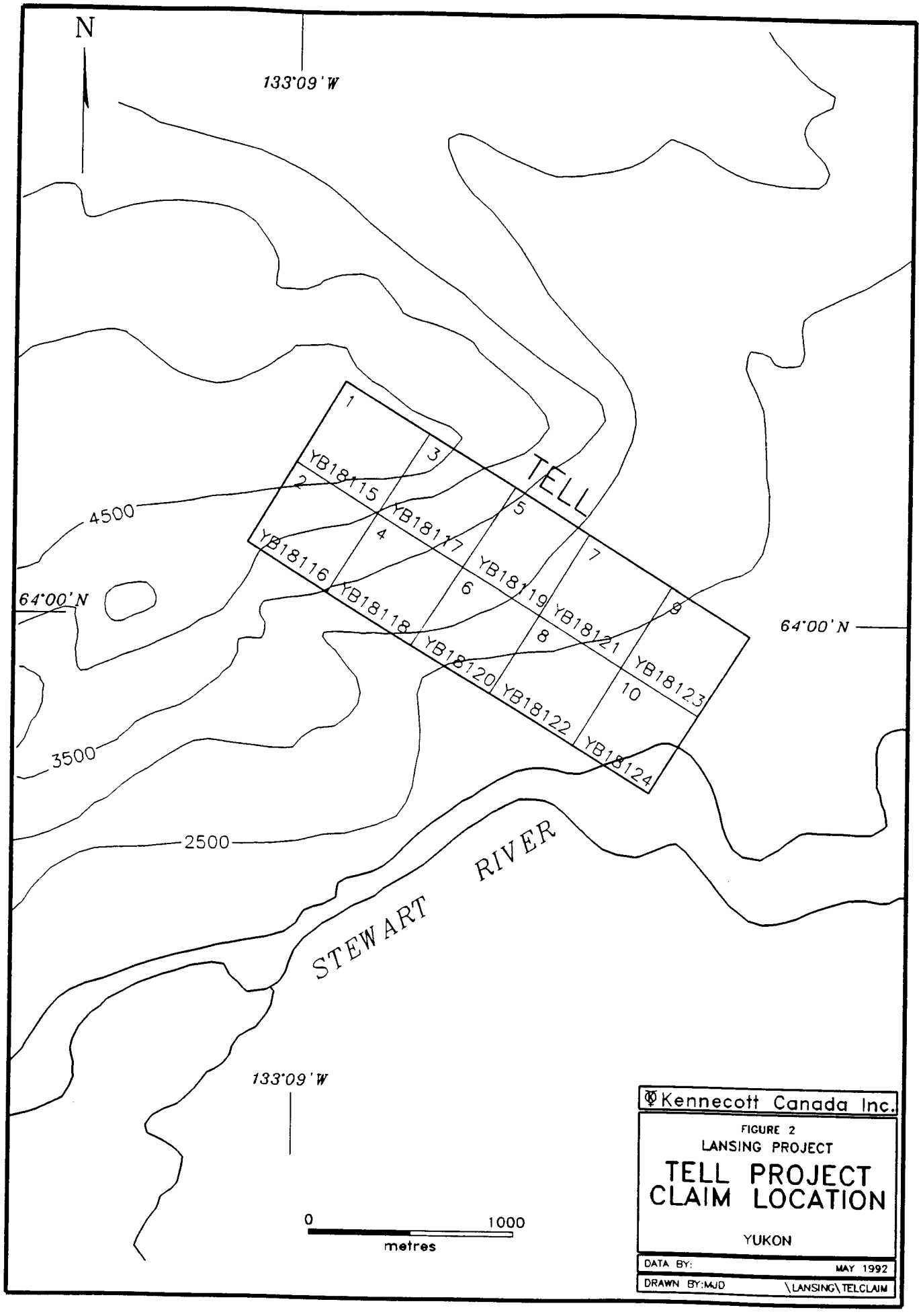
Claim Name	Record No.	NTS	Expiry Date
TELL 1-10	YB18115-124	105N/15	10/06/1992

GENERAL GEOLOGY

The claims are underlain by the Selwyn Basin tectono-stratigraphic province. Selwyn Basin formed as a result of regional basin down warping of the passive North American continental margin in early Paleozoic. In Devonian to Mississippian time, renewed tectonism is indicated by widespread graben formation throughout the basin. At least two ages of sediment hosted or SEDEX (Carne and Cathro, 1982) Pb-Zn+/-Ag deposits are known to occur within the basin.

The Proterozoic to early Cambrian basement rocks which underlie the entire area, informally known as the "Grit Unit", have been formally defined as the Hyland Group by Gordey (in press). These rocks are predominantly gritty quartzose sandstone and maroon, green and buff weathering shale. Minor bedded limestone is also present, while some of the clastic rocks are variably cemented with carbonate.

Earliest sedimentation within Selwyn Basin belongs to the Ordovician to Silurian Road River Group, a graptolitic unit typically consisting of calcareous black shale, argillaceous limestone and chert (Gabrielse, 1967). The top of the unit is marked by an orange-weathering, bioturbated siltstone. To the southwest, in central Selwyn Basin, varicoloured basinal cherts predominate. Initial mapping in the Lansing map sheet by the GSC (Blusson, 1974) was of a reconnaissance nature, showing most of the project area to be underlain by Road River strata. More recent, detailed work in a few local areas suggests a significant portion of these rocks in fact belongs to the younger Earn Group.


N
133°09'W
TELL
YB18115
YB18117
YB18116
YB18118
YB18119
YB18121
YB18120
YB18122
YB18123
YB18124
1
2
3
4
5
6
7
8
9
10
4500
3500
2500
64°00'N
64°00'N
STEWART RIVER
133°09'W
0
1000
metres
Kennecott Canada Inc.
FIGURE 2
LANSING PROJECT
TELL PROJECT
CLAIM LOCATION
YUKON
DATA BY:
MAY 1992
DRAWN BY: MJD
\LANSING\TELCLAIM

One of the largest Pb-Zn accumulations in the world, the Howard's Pass deposit, occurs within Early Silurian pyritic and calcareous shales and mudstones, apparently localized in sub-basins along the main axis of Selwyn Basin at the time of deposition.

The Earn Group, originally defined by Campbell (1967), ranging in age from Devonian to mid-Mississippian, is widespread throughout Selwyn Basin (Gordey and others, 1982). Lower Earn Group, spanning most of the Devonian, is distinguished by gun-blue weathering siliceous shale and chert. Upper Earn Group is characterized by brown weathering shale: It is not siliceous and chert is uncommon. Locally derived submarine fan complexes, consisting of grey weathering chert pebble conglomerate with lesser quartz-chert sandstone occur in both Lower and Upper Earn. These accumulations are indicative of rifting during deposition, interrupting the otherwise passive basinal sedimentation.

Bedded barite deposits are observed throughout the Earn Group while baritic Pb-Zn-Ag sulphide deposits appear to be restricted to siliceous shale facies and turbiditic fan complexes of the Lower Earn Group.

A return to more passive margin sedimentation is indicated by Mississippian through to Triassic cherts and siltstones.

These strata have been intruded by the Cretaceous Selwyn Plutonic Suite, a northwest trending belt of equigranular, biotite quartz monzonite intrusions. These form numerous small to medium-sized stocks that are often surrounded by extensive and very distinctive rusty hornfels.

Regional structure is dominated by major basinal bounding faults. These faults, originally interpreted to be normal, are now observed as zones of thrusting, as in the Dawson Thrust and Robert Service thrust along the north boundary of the project area (Gordey, 1990; Abbott, 1990). Here, Paleozoic strata are thrust over "Grit Unit" and the Precambrian is in turn thrust over Paleozoic shelf assemblage. On the northeastern side of the project area, these relationships are more complex, with imbricate thrusting repeating the stratigraphy a number of times. Within the basin, strata are variably deformed, from flat lying to vertical and tightly folded, apparently in response to the shortening event. Close to the thrusts, foliation is intense so as to have obscured original bedding (Gordey, 1990).

WORK COMPLETED

From a fly camp located on the Stewart River on the southern edge of the claims, three days were spent examining the claims and mineralization related to a very well developed ferricrete and vegetation kill zone just above the river. Work included detailed stream sediment sampling along the main creek passing through the claim block and one creek to the west, as well as detailed soil sampling of the mineralized zone and its immediate vicinity.

A total of 30 stream sediment, 58 soil samples and five rock samples were shipped to Acme Analytical Laboratories Ltd. where they were analysed for 35 elements with ICP. Summary results and certificates of analysis are included in Appendix A.

RESULTS

Geology

The geology of the area is dominated by a steep angle, northwest trending reverse fault which places Earn Group chert and shales to the south against grit unit quartzite and minor limestone to the north. There is no outcrop in the vicinity of the iron seep, but it appears to occur along the trace of the fault. Near the ridge top, where the cherts in the immediate hangingwall of the fault are exposed, weak smithsonite mineralization occurs within a stockwork zone.

A small plug of diorite was mapped in the hangingwall rocks several hundred metres west of the ferricrete zone.

Geochemistry

Sample locations and results are shown on Figures T-1 through T-4, in the Pocket.

The actual ferricrete carries in excess of 40% Fe in places, while Zn ranges in excess of 10%, although averaging in the one to three percent range. Other metals enriched include Mn, Cd, Co and Cd, while Pb is not present in the

ferricrete. Soils and stream sediments immediately surrounding the gossan are strongly enriched in Zn, to 4,800 ppm in soils and 20,600 in silts. Pb reaches a high of 78 ppm in soils, although it is typically lower, while other anomalous metals include Ba, Ni, Sr and Cd.

The stream draining the smithsonite occurrence, T-1, is not strongly anomalous, while the adjacent stream, T-2, is anomalous with up to 14,500 ppm Zn, 24,000 ppm Mn, 276 ppm Cd, 1,670 ppm Ni and 432 ppm Co. These values are from the drainage just below where it would intersect the projected fault trace.

CONCLUSIONS AND RECOMMENDATION

The Zn-rich and locally Pb-rich ferricrete is a hydromorphic anomaly likely derived from a source at depth along the fault zone. No rocks observed at surface would provide an adequate source for the Zn and Fe which produced this anomaly.

Although the source could be quite deep, the underlying rocks belong to the favorable Earn Group and the anomaly is quite highly focussed. Therefore, although the target is not of the highest priority, there is potential for a buried mineralized zone. It is recommended that the immediate vicinity of the ferricrete anomaly be tested by three or four lines of Mag/EM.

REFERENCES

Abbott, J.G., 1990, Preliminary results of the stratigraphy and structure of the Mt. Westman map area, central Yukon; in Current Research, Part E, Geol. Surv. Can.; Paper 90-1E, pp. 15-22.

Blusson, S.L., 1974, Drafts of five geological maps of Operation Stewart (northern Selwyn Basin), Yukon and District of Mackenzie, N.W.T. (includes NTS 106A,B,C and 105N,O); Geol. Surv. Can., Open File 205.

Campbell, R.B., 1967, Reconnaissance geology of Glenlyon map area, Yukon Territory; Geol. Surv. Can., Mem. 352.

Carne, R.C. and Cathro, R.J., 1982, Sedimentary exhalative (Sedex) zinc-lead-silver deposits, northern Canadian Cordillera; CIM Bull, Vol. 75, No. 840, pp.66-78.

Gabrielse, H., 1967, Tectonic evolution of the Canadian Cordillera; Can. Jour. Earth Sci., Vol. 4, pp. 271-298.

Gordey, S.P., 1990, Geology and Mineral Potential, Tiny Island Lake map area, Yukon; in Current Research, Part E, Geol. Surv. Can., Paper 90-1E, pp. 23-29.

Gordey, S.P., Abbott, J.G. and Orchard, M.J., 1982, Devono-Mississippian (Earn Group) and younger strata in east-central Yukon; in Current Research, Part B; Geol.Surv.Can., Paper 82-1B, pp. 93-100.

CERTIFICATION

I, Gerald G. Carlson, am employed as a Consultant Geologist with offices at 1740 Orchard Way, West Vancouver, B.C. I was directly involved in the work reported in this document and the associated costs incurred:

I further attest that:

1. I graduated with a B.A.Sc. in Geological Engineering from the University of Toronto in 1969.

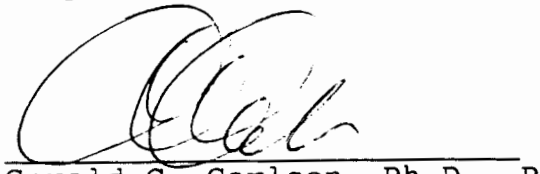
2. I graduated with a M.Sc. in Economic Geology from Michigan Technological University, Houghton, Michigan in 1974.

3. I graduated with a Ph.D. in Economic Geology from Dartmouth College, Hanover, New Hampshire in 1978.

4. With the exception of time taken out for graduate studies, I have been practising my profession continuously for the past 23 years.

5. I am a member in good standing of the Association of Professional Engineers of the Yukon Territory and of the Association of Professional Engineers and Geoscientists of British Columbia.

Respectfully submitted,



Gerald G. Carlson, Ph.D., P.Eng.

LIST OF PERSONNEL

The following personnel were employed on the field portion of this project:

Gerald G. Carlson, Geologist
1740 Orchard Way
West Vancouver, B.C.
V7V 4E8

Alan Doherty, Geologist
c/o Aurum Geological Consultants Inc.
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

Geoffrey Pitite, Geologist
c/o Aurum Geological Consultants Inc.
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

STATEMENT OF EXPENDITURES

July 2 to 4, 1991 (inclusive)

Wages:			
	G. Carlson	3 days @ $500	$ 1,500
	A. Doherty	3 days @ $350	1,050
	G. Petite	3 days @ $275	825
Helicopter		4.1 Hr. @ $800	3,280
Share of mobilization & general expenses			1,631
Analytical		93 samples @ $ 6.85	637
		TOTAL	$ 8,923

APPENDIX A

TELL CLAIMS

Geochemical Results

and

Geochemical Analysis Certificates

Geochemical Data
TELL CLAIM GROUP
Silts(L), Soils(S) and Rocks(R)

Sample No.	Ag ppm	Pb ppm	Zn ppm	Ba ppm	Fe %	Mn ppm	Ni ppm	Cr ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Co ppm	Cd ppm	U ppm	Th ppm	Sr ppm	Bi ppm	V ppm	P %
ADL-38	0.5	15	308	2,950	4.17	573	71	66	49	6	11	2	19	0.6	5	12	140	4	258	0.090
GCL-51	0.4	14	1,269	2,013	5.65	6,842	282	76	86	2	10	2	206	31.3	5	12	137	4	222	0.104
GCL-52	0.4	25	380	2,308	4.52	990	69	70	35	4	10	4	28	1.7	5	13	118	2	178	0.086
GCL-53	0.1	9	14,545	2,148	4.65	24,180	1,670	67	90	1	2	2	432	276.1	5	8	148	7	163	0.092
GCL-54	0.2	12	10,922	1,602	4.09	15,451	1,159	68	77	1	4	2	283	172.3	5	10	147	2	173	0.101
GCL-55	0.4	17	4,993	1,621	3.64	6,103	480	68	44	2	6	6	110	68.7	5	8	180	8	157	0.100
GCL-56	0.5	16	263	1,644	3.82	900	43	58	47	2	8	2	20	1.1	5	12	129	3	147	0.077
GCL-57	0.7	14	164	1,750	3.88	764	51	59	59	1	9	2	16	0.2	5	12	149	17	149	0.094
GCL-58	0.4	17	3,897	1,703	3.94	4,387	432	72	48	2	12	2	71	53.9	5	10	148	2	169	0.093
GCL-59	0.7	18	351	1,701	3.47	3,752	80	50	69	1	13	5	20	2.9	5	7	212	6	134	0.103
GCL-60	0.3	14	951	2,050	3.15	322	110	53	25	2	7	2	13	1.5	5	10	111	2	164	0.061
GCL-61	0.4	11	207	2,578	3.32	538	41	53	25	2	6	2	14	0.2	5	12	117	2	212	0.074
GCL-62	0.5	20	274	3,331	3.99	441	67	64	45	4	16	4	15	0.2	5	11	142	17	271	0.088
GCL-63	0.1	2	20,652	701	30.56	11,225	1,982	30	13	23	66	2	612	20.0	7	2	306	2	16	0.053
GCL-64	0.5	16	728	1,040	3.61	1,514	82	47	39	1	2	2	27	3.7	5	9	195	6	90	0.054
GCL-65	0.4	28	965	1,927	3.56	1,490	112	47	40	1	13	2	29	1.8	5	10	172	7	101	0.056
GCL-66	0.1	5	10,121	1,544	13.14	6,093	1,310	60	20	9	69	6	367	6.8	5	5	203	2	70	0.073
GCL-67	0.3	25	1,989	1,791	4.74	1,045	198	52	36	1	36	2	50	19.5	5	10	227	8	89	0.065
GCL-68	0.3	18	157	732	3.53	653	38	48	36	1	5	2	15	0.4	5	10	223	17	102	0.040
GCL-69	0.1	13	122	636	4.68	795	41	52	27	1	2	2	19	0.2	5	12	122	5	103	0.064
GCL-70	0.2	23	136	800	5.35	409	46	66	31	3	6	3	17	0.2	5	12	111	12	141	0.082
GCL-71	0.3	13	112	617	4.12	376	51	56	22	1	3	2	17	0.2	5	11	138	8	110	0.075
GCL-72	0.1	25	122	650	4.49	1,387	46	59	34	1	13	8	21	0.2	5	11	174	15	109	0.058
GCL-73	0.4	8	87	560	2.30	600	25	24	26	1	9	2	9	0.2	5	6	261	6	61	0.038
GPL-47	0.8	26	701	2,506	4.09	563	106	74	64	6	17	9	14	2.0	5	11	154	16	284	0.098
GPL-48	0.6	22	488	1,974	3.80	463	67	65	37	5	10	4	12	1.6	5	12	148	7	249	0.082
GPL-49	0.6	18	269	1,538	3.42	451	57	59	37	1	2	2	14	1.1	5	13	140	9	183	0.070
GPL-50	0.7	17	156	2,201	3.09	367	34	49	15	1	2	2	13	0.2	5	12	102	17	199	0.055
GPL-51	0.6	13	172	2,551	3.05	419	48	51	25	1	2	2	12	0.2	5	12	123	2	187	0.079
GPL-52	0.4	15	167	2,852	3.00	375	36	49	27	1	8	3	12	0.7	5	11	108	3	180	0.070
G+0	0.1	2	13,945	340	40.22	5,606	1,044	108	17	47	10	2	455	37.2	30	2	22	2	10	0.024
G+25	0.1	2	13,319	189	46.11	4,091	857	102	6	116	123	12	372	25.4	50	1	9	2	1	0.060
G+50	0.2	2	14,981	195	48.83	10,399	1,318	111	1	77	74	13	987	27.8	45	1	16	2	1	0.033
G+75	0.1	2	23,222	332	43.89	33,798	3,253	124	12	49	49	2	****	59.2	38	1	36	2	1	0.031
G+100	0.1	2	31,249	646	22.68	5,396	2,593	185	18	6	20	2	424	133.9	8	6	87	7	57	0.053
G+125	0.1	2	99,999	329	14.14	1,803	3,355	406	15	3	10	2	160	194.7	6	2	76	3	30	0.034
G+150	0.1	2	99,999	447	17.15	2,200	4,692	59	16	2	13	2	198	298.5	10	3	74	2	39	0.047
G+175	0.1	2	96,454	510	19.31	3,071	4,087	1	17	3	18	2	268	254.8	12	4	78	2	43	0.051
G+200	0.1	2	64,973	485	20.78	1,947	3,870	157	21	3	11	2	174	161.6	17	3	86	8	36	0.060
G+275	0.1	2	14,518	57	43.12	3,207	824	81	9	36	113	10	293	6.1	18	1	94	2	1	0.019
GPS-60	0.1	15	832	991	5.39	669	89	122	43	1	8	8	27	0.4	5	15	97	2	123	0.047
GPS-61	0.1	13	387	976	4.64	504	50	109	16	2	12	9	12	0.2	5	8	103	2	189	0.093
GPS-62	0.1	17	161	889	4.54	548	47	99	17	1	5	2	18	0.2	5	13	95	2	133	0.069
GPS-63	0.1	13	175	987	5.24	521	59	115	44	1	15	2	21	0.2	5	17	84	7	123	0.039
GR-1	0.3	15	387	1,043	4.21	814	64	99	37	1	2	2	20	0.2	5	15	101	11	107	0.045
GR-2	0.3	12	130	1,257	4.21	285	46	107	33	2	8	2	18	0.2	5	15	89	10	118	0.036
GR-3	0.3	16	146	1,247	4.43	409	59	109	40	2	9	4	22	0.2	5	19	67	6	124	0.052

Geochemical Data
TELL CLAIM GROUP
Silts(L), Soils(S) and Rocks(R)

Sample No.	Ag ppm	Pb ppm	Zn ppm	Ba ppm	Fe %	Mn ppm	Ni ppm	Cr ppm	Cu ppm	Mo ppm	As ppm	Sb ppm	Co ppm	Cd ppm	U ppm	Th ppm	Sr ppm	Bi ppm	V ppm	P %
GR-4	0.3	24	162	1,128	4.67	390	48	105	30	1	9	2	22	0.2	5	17	61	11	116	0.037
GR-5	0.7	30	242	865	4.12	494	69	87	25	1	15	2	21	0.2	5	13	74	4	93	0.072
GR-6	0.1	20	129	576	3.25	205	39	73	28	1	8	2	14	0.2	5	7	76	3	83	0.017
GR-7	0.2	11	293	1,231	4.18	485	59	104	30	1	9	2	19	0.2	5	17	97	10	115	0.037
GR-8	0.4	21	784	922	4.46	339	121	100	34	1	15	2	22	0.2	5	15	105	6	115	0.045
GR-9	0.3	12	1,605	343	1.26	266	167	50	23	2	5	2	8	3.7	5	2	246	2	33	0.061
GR-10	0.4	13	949	1,257	3.31	304	106	78	24	1	2	2	13	0.8	5	8	171	2	116	0.061
GR-11	0.2	16	179	1,271	4.25	362	39	91	20	3	14	7	15	0.7	5	11	115	11	223	0.038
GR-12	0.1	6	8,270	851	9.24	1,314	699	109	14	1	18	2	97	42.3	5	8	129	2	117	0.058
GR-13	0.1	7	17,134	652	14.34	2,288	1,614	71	17	3	9	2	181	128.8	8	6	102	2	74	0.063
GR-14	0.3	19	153	905	4.08	1,466	66	64	30	1	3	2	41	0.2	5	14	177	2	74	0.043
GR-15	0.3	30	294	1,227	5.59	2,603	87	91	44	1	11	2	52	0.2	5	17	83	3	112	0.070
GR-16	0.5	13	350	966	3.91	1,598	46	63	20	1	3	2	19	0.2	5	11	108	6	110	0.058
GR-17	0.3	21	153	741	3.47	1,922	40	58	19	1	8	2	23	0.6	5	9	114	13	93	0.056
GR-18	0.3	9	95	677	3.32	425	30	54	20	1	11	7	14	0.2	5	11	76	5	99	0.026
GR-19	0.3	30	151	840	4.18	865	42	66	26	1	3	2	28	0.2	5	18	71	11	95	0.038
GR-20	0.2	25	4,003	780	5.26	1,124	471	70	25	2	6	2	49	10.5	5	11	101	8	83	0.029
GR-21	0.2	18	4,464	618	5.73	1,348	446	66	26	2	16	2	75	15.7	5	6	182	2	67	0.058
GR-22	0.3	41	4,203	1,408	10.72	6,014	712	91	51	1	29	11	191	13.2	5	17	77	12	92	0.067
GR-23	0.5	2	19,932	398	27.20	4,724	1,692	245	20	13	59	2	292	20.2	5	3	121	2	25	0.061
GR-24	0.9	19	831	867	4.59	614	95	119	36	1	20	2	24	0.2	5	12	141	2	96	0.057
GR-25	0.7	29	212	941	5.05	538	41	89	43	1	9	2	18	0.2	5	14	99	5	63	0.114
GR-26	0.8	24	167	921	4.69	871	71	145	61	1	17	5	45	0.2	5	14	100	8	107	0.077
GR-27	0.9	30	188	876	5.09	1,390	131	128	61	1	15	2	92	0.2	5	15	118	2	100	0.063
GR-28	0.2	11	147	181	0.48	279	12	21	17	1	5	2	5	0.2	5	1	365	2	11	0.089
GR-29	0.8	28	138	935	5.45	1,755	79	137	49	2	24	3	51	0.2	5	15	64	5	109	0.048
GR-30	0.7	78	149	772	4.55	1,094	53	117	48	1	12	2	34	0.2	5	13	111	3	87	0.085
GR-31	1.0	26	102	911	3.55	637	42	104	33	1	12	2	23	0.2	5	11	181	2	82	0.062
GR-32	0.8	17	423	881	3.21	1,356	60	102	40	1	10	2	18	0.2	5	9	229	2	87	0.061
GR-33	0.8	20	1,480	1,265	3.88	625	135	114	41	1	11	3	23	6.6	5	10	243	2	100	0.071
GR-34	0.7	27	1,181	1,192	4.04	639	106	103	28	1	12	2	21	6.4	5	9	150	2	100	0.064
GR-35	0.7	22	890	898	3.61	490	75	90	28	1	11	2	17	3.8	5	9	174	2	88	0.050
GR-36	0.2	2	522	107	0.41	78	27	18	7	4	3	2	1	23.4	5	1	330	2	7	0.069
GR-37	1.1	7	2,282	785	1.75	462	408	51	64	1	6	2	14	21.0	5	2	416	3	52	0.091
GR-38	0.7	16	4,806	1,367	2.07	458	173	92	26	2	10	4	13	46.6	5	6	408	2	54	0.073
GR-39	1.4	26	1,347	1,678	4.44	715	139	113	41	1	29	2	36	6.0	5	11	158	2	90	0.056
GR-40	1.3	20	97	556	2.62	602	48	53	40	1	4	2	13	0.3	5	6	344	2	56	0.080
GR-41	0.4	9	75	188	0.54	177	1	11	16	1	2	2	2	0.4	5	2	437	2	12	0.071
GR-42	0.5	11	65	479	1.96	341	15	46	27	1	5	2	7	0.2	5	5	404	2	47	0.074
GR-43	0.2	5	58	185	0.35	153	8	10	27	1	2	3	2	0.5	5	2	491	2	8	0.077
GR-44	0.6	17	88	635	3.09	549	29	73	30	1	11	3	12	0.2	5	8	226	2	77	0.064
ADR-3	0.2	126	358	137	1.95	75	34	29	28	2	10	2	17	0.2	5	2	23	2	11	0.020
G-27E	1.3	14	17,373	59	52.34	401	699	152	9	47	31	4	86	15.9	5	2	5	4	1	0.019
G-27W	1.6	4	17,489	33	51.13	511	617	133	8	26	17	2	87	19.9	5	3	4	2	1	0.010
GP-3	0.2	5	97	435	1.11	2,070	21	24	38	2	5	3	8	0.2	5	1	13	3	19	0.015
GP-4	0.1	2	31	356	0.97	1,952	13	20	9	1	2	2	4	0.2	5	1	8	2	11	0.002

TELL
CLAIM
GROUP

GCL-51 GCL-52 GCL-53 GCL-54 GCL-55 GCL-56 GCL-57 GCL-58

GPS-60 GPS-61 GPS-62 GPS-63 GP-03 GP-04 GPL-47 GPL-48 GPL-49 GPL-50 GPL-51 GPL-52

STREAM T-1

GCL-59 GCL-60 GCL-61 GCL-62

GCL-63 GCL-64 GCL-65 GCL-66 GCL-67 GCL-68 G+275

GCL-73 GCL-72 GCL-71 GCL-70 GCL-69

CAMP 4

STREAM T-2

GR-1 GR-2 GR-3 GR-4 GR-5 GR-6 GR-7 GR-8 GR-9 GR-10 GR-11 GR-12 GR-13 GR-14 GR-15 GR-16 GR-17 GR-18 GR-19 GR-20 GR-21 GR-22 GR-23 GR-24 GR-25 GR-26 GR-27 GR-28 GR-29 GR-30 GR-31 GR-32 GR-33 GR-34 GR-35 GR-36 GR-37 GR-38 GR-39 GR-40 GR-41 GR-42 GR-43 GR-44

G+0 G-275 G+25 G+50 G+75 G+100 G+125 G+150 G+175 G+200

7098,000 N

7097,000 N

589,000 W 590,000 W 591,000 W

- ∘ Soil sample
- • Silt sample
- △ Rock sample

SCALE 1:10,000

0 100 200 300 500 1000

METRES

Kennecott Canada Inc.

138–200 Granville St, Vancouver, B.C., V6C 1S4

LANSING PROJECT

MAYO M.D.

TELL AREA

MAP# 105N/14, 106 G/3 (423)

DWG 66 Sample No.s 093031

to accompany a report by: G.C.C.

Drawn by: MJD	NTS: 105N/14	Acad file: TELL
Date: APRIL 1992	Ref. No: SAMPS	Map No: T–1

TELL
CLAIM
GROUP

N

7098,000 N

7097,000 N

589,000 W

590,000 W

591,000 W

STREAM T-1

STREAM T-2

CAMP 4

0.4 /14/1269
0.4 /25/380
0.1 /9/ 14545
0.2 /12/10922
0.4 /17/4993
0.5 /16/263
/17/3897

0.1 /15/832
0.1 /13/387
0.1 /17/161
0.1 /13/175
0.2 /5/ 97
0.1 /2/ 31
0.8 /26/701
0.6 /22/488
0.6 /18/269
0.7 /17/156
0.6 /13/172
0.4 /15/167
0.7 /18/351
0.4 /11/207
0.5 /20/274

0.1/2/20652
0.3 /25/1989
0.4 /28/965
0.1 /2/ 14518
0.1 /5/10121
0.5 /16/728
0.3 /14/951

0.4 /8/ 8

0.1 /25/122
0.3 /13/112
0.2 /23/136
0.1 /13/122

1.3/20/97
0.4/9/ 75
0.5/11/65
0.2/5/ 58
0.6/17/88
0.7/29/212
0.8/24/167
0.9/30/188
0.2/11/147
0.8/28/138
0.7/28/149
1 /26/102
0.8/17/423
0.8/20/1480
0.7/27/1181
0.7/22/890
0.2/2/ 522
1.1/7/ 2282
0.7/16/4806
1.4/26/1347
0.3/19/153
0.3/30/294
0.5/13/350
0.3/21/153
0.3/9/95
0.3/30/151
0.2/25/4003
0.2/18/4464
0.3/41/4203
0.5/2/ 19932
0.9/19/831
0.1/2/23222
0.1/2/31249
0.1/2/99999
0.1/2/99999
0.1/2/96454
0.1/2/84973
0.1/2/39845
0.3/14/1377
0.1/2/1318
0.2/2/14981
0.6/17/1469
0.3/15/387
0.3/12/130
0.3/16/146
0.3/24/162
0.7/30/242
0.1/20/129
0.2/11/293
0.4/21/784
0.3/12/1605
0.4/13/949
0.2/16/179
0.1/6/ 8270
0.1/7/ 17134

Soil sample
Silt sample
Rock sample

SCALE 1:10,000

0 100 200 300 500 1000

METRES

DWG 67

Kennecott Canada Inc.
138–200 Granville St, Vancouver, B.C., V6C 1S4

LANSING PROJECT
MAYO M.D.

(424)
MAP# 105N/14; 106C/3

TELL AREA 093031
Ag(ppm), Pb(ppm), Zn(ppm) Geochemistry

to accompany a report by: G.C.C.

Drawn by: MJD	NTS: 105N/14	Acad file: TELL
Date: APRIL 1992	Ref. No: AGPB	Map No: T–2

TELL
CLAIM
GROUP

STREAM T-1

STREAM T-2

CAMP 4

5.65/6842/282
4.52/990/69
4.65/24180/1670
4.09/15451/1159
3.64/6103/480
3.82/900/43
3.88/754/51
3.84/4387/432

5.39/669/89
4.64/504/50
4.54/548/47
5.24/521/59
1.11/2070/21
0.97/1952/13
4.09/563/106
3.8 /463/67
3.42/451/57
3.09/367/34
3.05/419/48
3.375/36
3.47/3752/80
3.32/538/41
3.99/441/67

3.56/11225/1982
3.61/1514/82
4.74/1045/198
3.56/1490/112
3.53/653/
43.12/3207/824
13.14/6093/1310
3.15/322/110
2.3/600/25

4.49/1387/46
4.12/376/51
4.68/735/41
5.35/409/46

2.62/602/48
0.54/177/1
1.96/341/15
0.35/153/8
3.09/549/29
5.05/538/41
4.69/871/71
5.09/1390/131
0.48/279/12
5.45/1755/79
4.55/1094/53
3.55/637/42
3.21/1356/60
3.88/625/135
4.04/639/106
3.61/490/75
0.41/78 /27
1.75/462/408
2.07/458/173
4.44/715/139
4.08/146/66
5.59/260/87
3.91/159/46
3.47/192/40
3.32/425/30
4.18/865/42
5.26/1124/471
5.73/1368/446
10.72/6014/712
27.7/4724/1692
3.59/614/95
22.68/5396/2593
14.14/1803/3355
17.15/2200/4692
19.3/3071/4087
20.78/19473/870
4.21/814/64
4.21/285/46
4.43/409/59
4.67/390/48
4.12/494/69
3.25/205/39
4.18/485/59
4.41/339/121
1.26/266/167
3.31/304/106
4.25/362/39
9.24/1314/699
14.34/2288/1614
40.22/5606/699
52.34/401/1044
46.11/401/557
48.83/1399/318
43.89/33798/3253
5.13/511/617

7098,000 N
7097,000 N
589,000 W
590,000 W
591,000 W

∘ Soil sample
• Silt sample
△ Rock sample

SCALE 1:10,000
0 100 200 300 500 1000
METRES

DWG 68

Kennecott Canada Inc.
138–200 Granville St, Vancouver, B.C., V6C 1S4

LANSING PROJECT
MAYO M.D.

425
MAP#105 N/14; 106 C/3

TELL AREA 093031
Fe(%), Mn(ppm), Ni(ppm) Geochemistry

to accompany a report by: G.C.C.

Drawn by: MJD	NTS: 105N/14	Acad file: TELL
Date: APRIL 1992	Ref. No: BAFE	Map No: T–3

TELL
CLAIM
GROUP

STREAM T-1

STREAM T-2

CAMP 4

7098,000 N

7097,000 N

589,000 W

590,000 W

591,000 W

- ∘ Soil sample
- • Silt sample
- △ Rock sample

SCALE 1:10,000

0 100 200 300 500 1000

METRES

DWG 69

Kennecott Canada Inc.

138–200 Granville St, Vancouver, B.C., V6C 1S4

LANSING PROJECT

MAYO M.D.

(426)

MAP# 105N/14; 106C/3

TELL AREA 093031

Cu(ppm), Mo(ppm), As(ppm), Sb(ppm) Geochemistry

to accompany a report by: G.C.C.

Drawn by: MJD	NTS: 105N/14	Acad file: TELL
Date: APRIL 1992	Ref. No: CUMO	Map No: T–4