ASSESSMENT REPORT ON GEOCHEMICAL WORK ON THE FOLLOWING CLAIMS

TREATY 13 .... 7825(8)
TREATY 14 .... 7826(8)
TREATY 15 .... 7827(8)

TREATY SOUTH GROUP

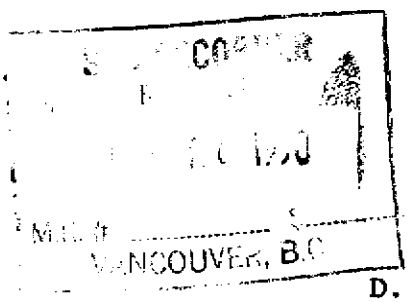
located

58 KM NORTH OF
STEWART, BRITISH COLUMBIA
SKEENA MINING DIVISION

56 degrees 27 minutes latitude
130 degrees 00 minutes longitude

N.T.S. 104A/5W & 104B/8E

PROJECT PERIOD: August 17-26, 1990



ON BEHALF OF
GERALD ROSS
CALGARY, ALBERTA

REPORT BY

D. Cremonese, P. Eng.
602-675 W. Hastings
Vancouver, B.C.

Date: November 22, 1990

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APPENDICES

ILLUSTRATIONS

1. INTRODUCTION

A. Property, Location, Access and Physiography

The property is located about 58 km north of Stewart, British Columbia (see Fig. 1). Nearest permanent road is Highway 37, about 25 km to the northeast. The Knipple Glacier ice-road, part of the recently completed access road into the Brucejack Lake gold-silver property (Newhawk/Granduc joint venture), passes through the southwest corner of the Treaty 15 claim. Current access into the property is by helicopter, either from the base at Stewart or at Bell II on Highway 37.

The common Legal Corner Post for the claims is located atop the southeastern portion of a ridge on the northeast side of Knipple Glacier. Property elevations vary from approximately 900 meters (southern portion) to just over 2000 m (northern portion). Vegetation in the area is sparse because of the general high altitude and limited rock exposure; where present it consists mainly of little shrubs, mountain grasses and heathers. There are some minor forested patches at lower levels just above the Knipple Glacier. Slopes range from moderate to steep to precipitous; a fair portion of the property is covered by glacier or ice/snow fields.

Climate is severe, particularly at the higher elevations. Heavy snowfalls in winter and rain in the short summer working season are typical of the Stewart area.

B. Status of Property

Relevant claim information is summarized below:

Name	Record No.	No. of Units	Record Date
Treaty 13	7825(8)	15	Aug. 26, 1990
Treaty 14	7826(8)	20	Aug. 26, 1990
Treaty 15	7827(8)	20	Aug. 26, 1990

Claim locations are shown on Fig. 2 after government N.T.S. maps 104A/5W & 104B/8E. The claims are registered in the name of Gerald Ross of Calgary.

C. History

There are no references to any early exploration work on the property area in conventional references such as the Annual Minister of Mines Reports, Geological Bulletins, or Assessment Reports (Index and Maps), etc.

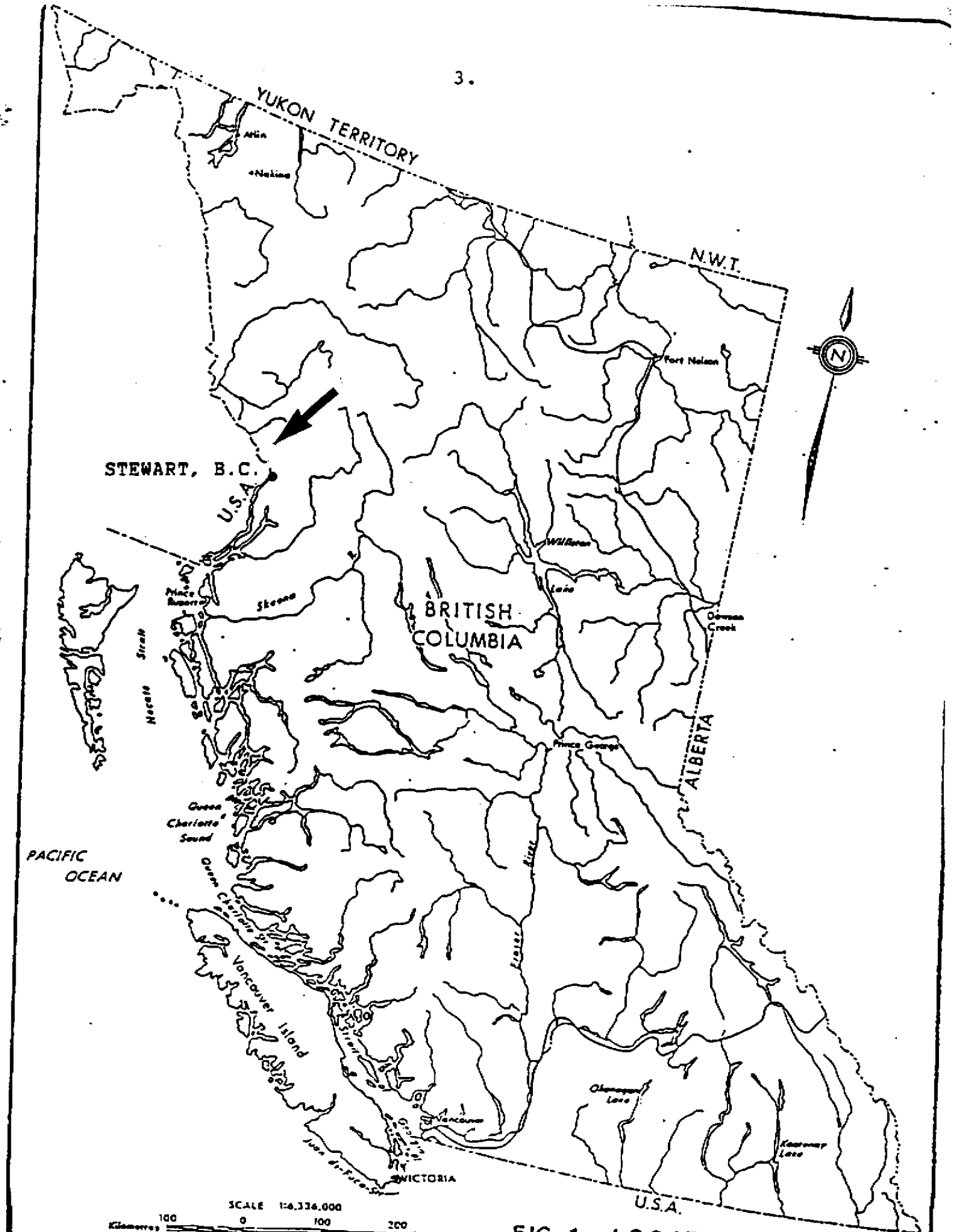

FIG 1 LOCATION MAP
BRITISH COLUMBIA

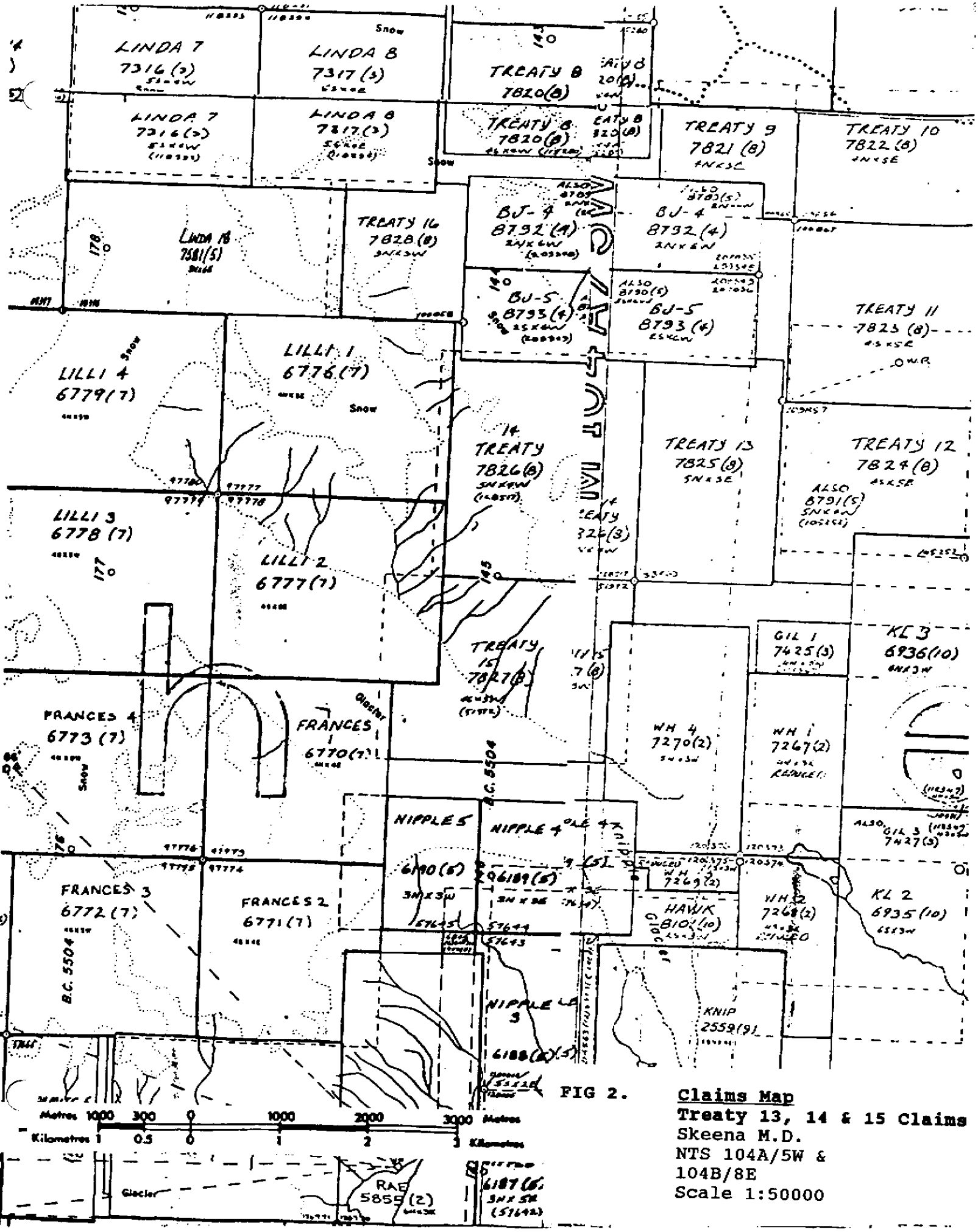

FIG 2.

Claims Map
Treaty 13, 14 & 15 Claims
Skeena M.D.
NTS 104A/5W &
104B/8E
Scale 1:50000

In the modern era, interest in the general region was aroused after discovery of high grade gold-silver mineralization near Brucejack Lake. Very recent regional discoveries such as the rich Eskay Creek deposits have intensified exploration efforts throughout the Stewart area. In particular, this renewed search has concentrated on particular felsic volcanic suites which are thought to be favourable hosts for exhalative-type mineralization.

D. References

1. GROVE, E.W. (1971): Bulletin 58, Geology and Mineral Deposits of the Stewart Area. B.C.M.E.M.P.R.

2. GROVE, E.W. (1982): Unuk River, Salmon River, Anyox Map Areas. Ministry of Energy, Mines and Petroleum Resources, B.C.

3. GROVE, E.W. (1987): Geology and Mineral Deposits of the Unuk River-Salmon River-Anyox Area, Bulletin 63, BCMEMPR

4. ALLDRICK, D.J.(1984); Geological Setting of the Precious Metals Deposits in the Stewart Area, Paper 84-1, Geological Fieldwork 1983", B.C.M.E.M.P.R.

5. ALLDRICK, D.J.(1985); "Stratigraphy and Petrology of the Stewart Mining Camp (104B/1E)", p. 316, Paper 85-1, Geological Fieldwork 1984, B.C.M.E.M.P.R.

6. BRITTON, J.M. AND ALLDRICK, D.J. (1988); "Sulphurets Map Area", p. 199, Paper 1988-1, Geological Fieldwork 1987, B.C.M.E.M.P.R.

E. Summary of Work Done.

The rock and silt geochemical survey conducted over the claims area was undertaken by geological contractor, International Kodiak Resources Inc., of Vancouver, B.C., as part of a larger project in the immediate area spanning the period from August 17 to August 26, 1990. The object of the 1990 program was to carry out reconnaissance geochemical sampling over accessible rock outcrops with particular attention to gossanous zones and favourable geological structures.

Fieldwork was carried out on August 26 and consisted of collection of 20 rock geochemical (character) samples and 12 silt sample. Altogether 4 man-days was spent traversing the property and gathering the geochemical samples. The crew consisted of four geologists. Access to the property was by helicopter (Northern Mtn.) originating from International Kodiak's main camp situated on the Iskut River 20 km southwest of Bob Quinn. Helicopter costs were somewhat high because of poor accessibility as a result of

cloudy weather conditions, particularly at higher elevations.

All of the samples were analysed for gold by standard AA techniques, for mercury, and also for 30 elements by I.C.P. (Inductively Coupled Argon Plasma) at the Eco-Tech facility in Kamloops, B.C.

2. TECHNICAL DATA AND INTERPRETATION

A. Regional Geology

The property lies within a broad, north-northwest trending belt of Triassic and Jurassic volcanic and sedimentary rocks termed by Grove (1971) as the "Stewart Complex". This belt is bounded to the west by the Coast Crystalline Belt (mainly granodiorites) and to the east by a thick series of sedimentary rocks known as the Bowser Assemblage (Middle Jurassic to Upper Jurassic age).

Property location relative to regional geology is shown on Fig. 3.

B. Property Geology

The Treaty 13, 14 and 15 claims are bounded to the west by a northeast trending fault having an unknown displacement. Glacial ice obscures the northern, eastern and southern margins of the claims.

These claims consist of mixed sedimentary and volcanic lithologies, complicated by structural deformation and faults. The strata of the claims can be broadly divided into an argillite dominated sedimentary succession overlying a basalt dominated succession. The argillites are dark grey to black weathering, fine grained siltstone to shale interbedded with subordinate fine, tan weathering arenites. Arenitic layers are up to 40 cm thick and argillaceous layers are between 1 and 4 cm thick.

The argillites weather a medium red colour and contain minor disseminated pyrite and local pyritic stringers. No other sulphides were identified in the argillaceous interval. The basal sediments near the contact with the underlying basalt dominated succession are moderately to highly deformed. The basalt in the underlying succession is medium green to dark grey weathering and fine grained. There are felsic (silicified intermediate?) crystal tuffs within the basaltic succession. These may be interbedded or they may represent fault slices along fault zones, juxtaposed against basalts.

There are quartz and/or carbonate veins and fracture fillings throughout the claims area. Locally, ankerite is also associated with these veins. The crystal tuff has been silicified, however

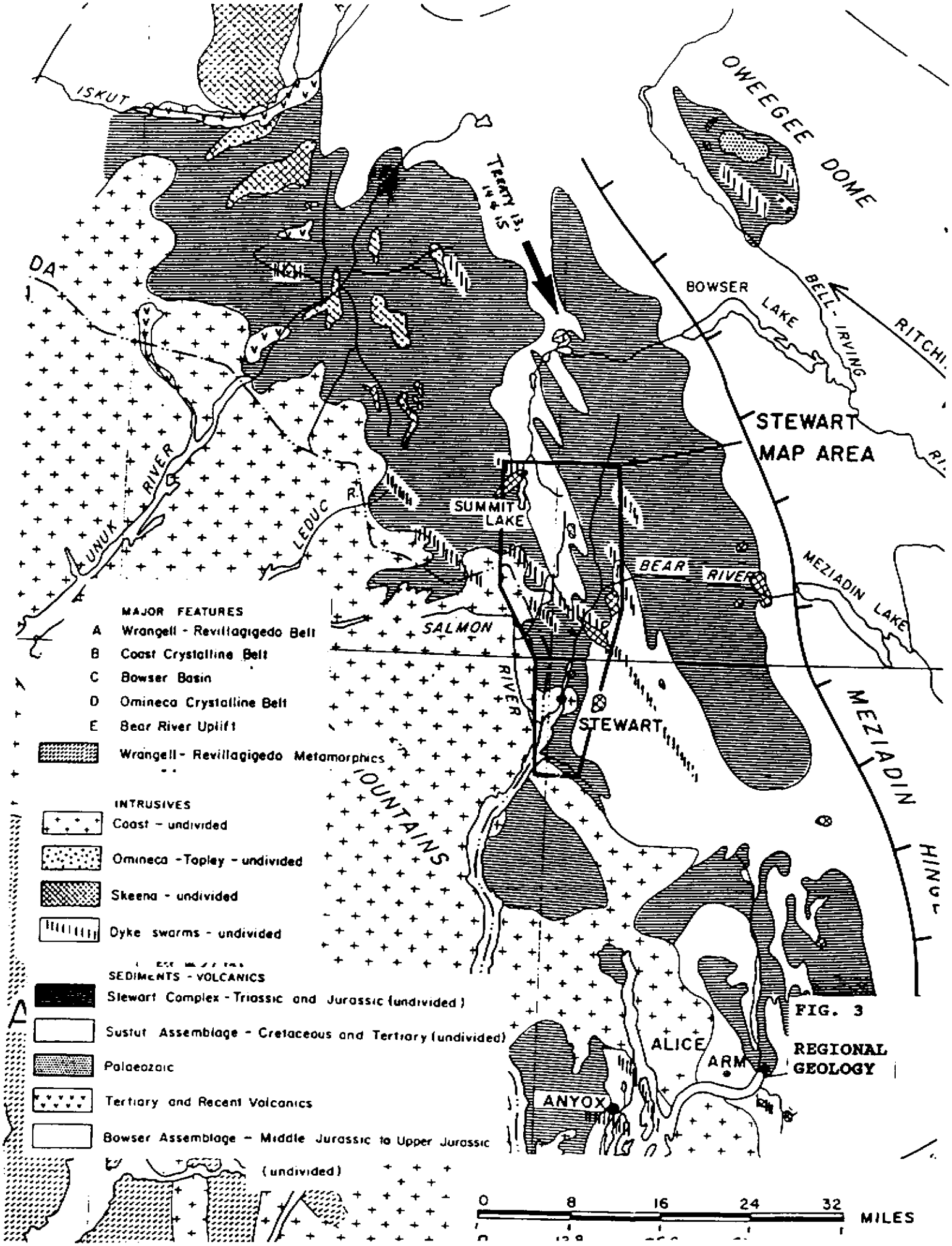

FIG. 3
REGIONAL GEOLOGY

the extent of such alteration is unknown. Pyrite is the only widespread sulphide observed and is present as disseminations comprising less than 2% by volume.

C. Geochemistry - Rock Samples

a. Introduction

Twenty rock geochem samples were collected by the field crew during one day of traversing over the Treaty 13, 14 &15 claims. Sample sites were plotted on a base map prepared from a government topographic map (cf. Sample Location Map--Fig. 4). Sample locations were fixed according to field altimeter readings and by reference to air photos.

Gold values in ppb and silver values in ppm have been plotted on Fig. 5, which is drawn at a scale of 1:5,000. Fig. 6, at the same scale, presents values of the following pathfinder elements: mercury (in ppb), arsenic (in ppm) and antimony (in ppm).

b. Treatment of Data

The 20 rock geochem samples collected during the 1990 work program comprise too small a set for efficient use of standard statistical methods for determining threshold and anomalous levels. In lieu of such treatment, the author has simply chosen anomalous levels by reference to several rock geochemical programs conducted over other properties in the Stewart region over the past ten years. Anomalous values, on this basis, are indicated below:

Element	Anomalous Above
Gold	**100 ppb***
Silver	3.6 ppm
Mercury	400 ppb
Arsenic	120 ppm
Antimony	30 ppm

* A value of about 100 ppb for gold is considered the norm for the Betty Creek-Salmon River Formation rocks (these underlie the study area); a greater value, say in the 200 ppb range, would be more appropriate for the more highly mineralized Unuk River Formation.

Although many more elements were analyzed for by I.C.P., they were not selected for pictorial representation either because of their relatively flat, uninteresting distribution or their limited economic relevance.

c. Sample Descriptions

Following are rock sample descriptions from field notes. Those elements containing anomalous levels of any of the elements listed in the preceding section have those values appended to the descriptions. Unless otherwise indicated, all samples are grabs.

SD-R-007 From large area of outcrop of silica veining and intensely to completely silicified rock of unknown type. Area is 100m by 75 m.

SD-R-008 Quartz vein material from talus float; 12X15X30cm;

SD-R-009 1.5m continuous chip across quartz veins and fault gouge; milky quartz with some rust and minor dendritic pyrolusite. Fault gouge 60 cm thick with clay layer on footwall side. Hanging wall--volcanics (tuff, mafic); footwall--basalt.

SD-R-010 Rusty quartz boulder, no visible sulfides.

SD-R-011 Quartz float with pyrite cubes up to 2mm on a side. Same rock unit as #007.

SD-R-012 Float; rusty mafic volcanic from glacial till deposits at base of slope. Pyrite blebs present but rare (very fine-grained).

BC-R-166 Basalt with iron weathering, could have finely dissem. pyrite.

BC-R-167 Sample of a quartz vein with iron weathering in the basalt, about 60 cm. wide.

BC-R-168 Basalt with carbonate alteration.

BC-R-170 Finely dissem pyrite in siltstone near contact between sediments and volcanics. Bedding in seds 177/32.

SM-R-109 Very fine-grained argillite with iron stain, no visible sulfides.

SM-R-110 Boulder or sub-crop of mudstone with quartz carbonate alteration and veinlets, ankerite and calcite.

SM-R-111 Small orange gossan bounded by grey thinly bedded, fine-grained siltstone; no visible sulfides.

SM-R-112 Fine-grained grey arenite sandstone.

SM-R-113 Highly contorted and folded thinly bedded siltstone to mudstone. Locally filled with quartz carbonate veining

(ankerite present with calcite and quartz).

SM-R-114 Dark grey silty sandstone in small gossan with thin wisps of dissem. pyrite.

SM-R-117 Fine-grained, black, silty sandstone with minor quartz carbonate veins, some dissem. pyrite.

SM-R-119 Thoroughly silicified crystal tuff, small gossanous outcrop, dissem. pyrite.

GK-R-006 Rusty weathering, mildly silicified crystal tuff with 3% disseminated pyrite from 0.4m by 1.5m lens.

GK-R-007 Black argillite with less than 1% finely disseminated pyrite; intensely oxidized.

GK-R-008 Black argillite with disseminated and fine bands of pyrite.

d. Discussion

None of the twenty rock geochemical samples taken during the 1990 program returned anomalous values in gold, silver, mercury, antimony or arsenic. Precious metal values, in particular, were very low with the highest gold coming in at 10 ppb and the highest silver at 1.3 ppm. Pathfinder elements such as mercury, antimony and arsenic did not fare much better, with highs of 240 ppb, 114 ppm and 9 ppm, respectively.

D. Geochemistry - Stream Sediment Samples

a. Introduction

Twelve stream sediment samples were taken from courses draining the property. Sample locations are marked as circles on Figure 4, drawn at a scale of 1:5000 (Map Pocket). Geochemical sample sites were plotted on a base map prepared on a scale of 1:5000. Locations were fixed according to field altimeter readings and reference to airphotos.

b. Treatment of data

Based on reference to a number of silt geochemical sampling programs conducted in the district over the past ten years with which the author is familiar (including the 1987 government geochemical sampling program in the Iskut River to the west, and the 1978 government geochemical sampling program in the Stewart-Alice Arm area to the south), values above those enumerated in the table below can be taken to be anomalous on a broad, regional basis:

Element	Anomalous Above
Gold	**50 ppb**
Silver	1.2 ppm
Mercury	220 ppb
Arsenic	80 ppm
Antimony	6 ppm
(Lead)	80 ppm
(Zinc)	300 ppm

c. Discussion

None of the twelve stream sediment samples taken returned anomalous values in gold, silver, mercury, arsenic or antimony. This parallels the situation with the rock geochemical samples which also did not fare well.

However, silt sample GK-S-009, from the westernmost stream tested, returned anomalous values of 154 ppm lead and 394 ppm zinc, accompanied by a sub-anomalous value of 1.0 ppm in silver.

E. Field Procedure and Laboratory Technique

Silt samples were taken in the field by sieving fine stream sediments through a -40mesh nylon screen until approximately 300 to 500 grams of material was collected. This was rinsed from a plastic collecting basin into a standard Kraft Bag. The bags were then marked, allowed to dry, and shipped by bus to Kamloops for analysis at the Eco-Tech Laboratories facility.

After standard sample preparation, a .500 gram subsample was digested with 3ml of 3-1-2 HCl-HNO3-H20 at 95 degrees Centigrade for one hour, then diluted to 10 ml with water. The resulting solution was tested by Inductively Coupled Argon Plasma to yield quantatitive results for 30 elements. Gold was analysed by standard atomic absorption methods from a 10 gram subsample.

Rock geochem and character samples were analysed in the same manner as described above.

F. Conclusions

The 1990 exploration program over the Treaty 13, 14 & 15 claims consisted of helicopter-supported rock and silt geochemical sampling. The program was of a reconnaissance nature, designed to isolate areas worthy of follow-up.

The areas traversed were underlain mostly by argillites and basalts, with occasional outcrops of crystal tuffs. Very little sulfide mineralization was observed during the sampling program.

The generally low results obtained in the rock and silt geochem surveys suggests that the area investigated has little economic potential.

Further work is warranted to test unexamined portions of the claims area within the group. Particular attention should be paid to the western portion of the property, in the vicinity of the lead and zinc anomalous silt sample, #GK-S-009.

Respectfully submitted:

D. Cremonese, P.Eng.
Nov. 22, 1990

APPENDIX I -- WORK COST STATEMENT

Field Personnel: Contractor -- International Kodiak		
Project Period--August 17-26, 1990		
Steve Dudka, Geologist		
1.0 day @ $225/day	$	225
Shawn McGrath, Geologist		
1.0 day @ $225/day		225
Brent Case, Geologist		
1.0 day @ $225/day		225
George King, Geologist		
1.0 day @ $225/day		225
Helicopter -- Northern Mtn. (from Kodiak Camp/Iskut River)		
Crew drop-offs/pick-ups		
Aug. 26: 2.4 hrs. @ $725		1,740
Contractor's camp/board/food/support costs:		
4 man-days @ $125/man-day		500
Contractor's vehicle charge: 1 day @ $50/day		50
Field supplies		80
Mob-demob charges (Personnel/equip. from Vancouver		
to base camp and return).		
Prorated portion: 4/18 x $3,300		733
Assays -- Eco-Tech (Kamloops lab)		
Geochem Au, Hg, I.C.P. and rock sample preparation		
20 @ $22 per sample		440
Geochem Au, Hg, I.C.P. and silt sample preparation		
12 @ $19.25 per sample		231
Project supervision/Report and map preparation		
D. Cremonese, P.Eng., 2 days @ $400/day		800
Draughting -- RPM Computer		200
Word Processor - 4 hrs. @ $25/hr.		100
Copies, blow-ups, jackets, maps, etc.		50
TOTAL..... $		**5,824**

Amount Claimed Per Statement of Exploration: $4,500

APPENDIX II - CERTIFICATE

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at Suite 602-675 W. Hastings, Vancouver, B.C.

2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).

3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.

4. I have practiced my profession since 1979.

5. This report is based upon work carried out on the Treaty 13, 14 & 15 mineral claims, Skeena Mining Division in August of 1990. Reference to field reports, notes and maps made by geologist Steve Dudka and his fellow geologists is acknowledged. I have full confidence in the abilities of all samplers used in the 1990 geochemical program and am satisfied that all samples were taken properly and with care.

6. I am a principal of Teuton Resources Corp., now part owner of the property: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Vancouver, B.C. this 22 day of November, 1990.

D. Cremonese

D. Cremonese, P.Eng.

APPENDIX III

ASSAY CERTIFICATES

ECO-TECH LABORATORIES LTD.

INTERNATIONAL KODIAK RESOURCES - ETK 90-503

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

C/O JAYCOX INDUSTRIES
BOX 3633
SMITHERS, B.C.
V0J 2N0

SEPTEMBER 10, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PAGE 1

103 ROCK SAMPLES RECEIVED AUGUST 29 , 1990

ETK	DESCRIPTION	AU(ppb)	HG(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
503 - 1	YGK R 001	5	440	1.7	.01	14	<2	67	<5	2.71	5	2	108	112	.32	<.01	<10	.02	285	5	<.01	2	50	<2	59	<20	81	<.01	<10	2	<10	2	447
503 - 2	YGK R 002	5	30	<.2	3.68	77	<2	22	<5	4.53	<1	41	15	58	9.79	<.01	12	2.21	1588	<1	<.01	11	714	<2	<5	<20	255	.02	<10	285	<10	8	72
503 - 3	YGK R 003	5	50	<.2	3.44	37	8	72	<5	.98	<1	35	8	32	12.05	.10	16	2.56	1034	<1	.04	1	2147	<2	<5	<20	83	.06	<10	154	<10	14	145
503 - 4	YGK R 004	5	20	.6	.07	22	<2	10	<5	16.56	<1	1	15	1	2.89	.01	<10	1.89	5307	<1	<.01	<1	148	<2	<5	<20	226	<.01	34	11	<10	4	12
503 - 5	YGK R 005	5	90	<.2	.02	17	8	<5	<5	.22	<1	<1	172	4	.36	<.01	<10	.02	99	11	<.01	3	122	<2	<5	<20	8	<.01	11	1	<10	<1	60
503 - 6	YGK R 006	5	15	.3	1.22	6	7	32	<5	.97	2	26	23	22	5.18	.19	14	.44	521	4	.01	7	2551	19	<5	<20	18	.04	<10	41	<10	11	59
503 - 7	YGK R 007	5	200	.4	1.08	9	7	17	<5	.21	<1	6	31	22	3.95	.11	<10	.75	279	6	.01	20	1042	6	<5	<20	10	<.01	11	15	<10	1	57
503 - 8	YGK R 008	5	100	<.2	2.15	24	8	7	<5	.60	<1	13	22	73	6.03	.04	<10	1.59	651	29	.03	21	706	<2	<5	<20	8	.09	<10	102	<10	10	99
503 - 9	YSH- R 117	5	40	.7	.80	114	<2	50	<5	4.05	<1	17	43	31	3.92	.11	<10	1.13	1402	3	<.01	77	760	10	7	<20	224	<.01	<10	14	<10	4	100
503 - 10	YSH- R 119	5	10	1.3	.46	30	10	15	<5	.42	3	14	22	32	5.43	.25	10	.07	298	39	.02	4	2379	14	<5	<20	12	<.01	10	21	<10	5	125
503 - 11	YSH- R 093	105	640	7.2	.13	408	8	9	<5	.03	<1	9	84	15	4.86	.09	<10	.02	29	18	.01	3	172	67	56	<20	7	.09	22	10	<10	<1	7
503 - 12	YSH- R 094	10	765	1.5	.16	104	8	14	<5	.02	<1	10	75	5	2.64	.16	<10	.01	17	6	.01	2	135	22	34	<20	6	.09	11	2	<10	1	3
503 - 13	YSH- R 095	50	420	2.8	1.81	480	8	14	<5	.80	<1	69	30	94	8.51	.06	12	.83	678	12	<.01	9	780	199	54	<20	14	<.01	22	56	<10	3	76
503 - 14	YSH- R 096	5	60	<.2	.73	<5	7	92	<5	.14	<1	17	10	9	2.97	.24	<10	.17	96	5	<.01	4	634	13	<5	<20	10	.01	<10	14	<10	3	31
503 - 15	YSH- R 097	10	30	.4	.42	19	9	125	<5	.17	<1	4	17	8	3.13	.43	11	.09	75	2	.05	2	218	10	<5	<20	67	.15	<10	21	<10	5	11
503 - 16	YSH- R 098	70	20	.5	.69	9	9	510	<5	.25	<1	11	48	13	1.92	.26	<10	.15	190	2	<.01	2	697	40	<5	<20	15	.01	<10	14	<10	4	25
503 - 17	YSH- R 099	35	300	2.7	.30	1346	9	13	<5	.28	1	24	28	19	3.98	<.01	<10	.02	65	3	<.01	3	680	24	37	<20	6	.05	13	9	<10	2	5
503 - 18	YSH- R 100	5	30	.2	.95	11	9	39	<5	.16	<1	3	43	8	3.30	.02	<10	.50	225	2	.05	4	711	5	<5	<20	8	.04	<10	25	<10	3	37
503 - 19	YSH- R 101	5	35	<.2	.83	7	7	30	<5	.24	<1	6	38	9	2.60	.12	<10	.46	211	2	.03	5	701	3	<5	<20	6	.07	<10	14	<10	6	41
503 - 20	YSH- R 102	5	80	.4	.53	10	<2	19	<5	3.04	25	2	53	49	1.48	.04	<10	.20	584	15	<.01	23	299	<2	5	<20	145	<.01	<10	56	<10	7	1296
503 - 21	YSH- R 103	5	30	.9	.64	17	8	39	<5	.03	<1	2	119	16	2.60	.07	<10	.26	196	22	.03	8	271	5	6	<20	18	<.01	<10	24	<10	<1	95
503 - 22	YSH- R 104	5	50	<.2	1.41	5	8	39	<5	.33	<1	7	32	18	3.81	.08	<10	.95	489	2	.02	23	855	3	<5	<20	18	.09	<10	34	<10	7	63
503 - 23	YSH- R 105	5	40	<.2	1.45	5	10	32	<5	.06	<1	1	106	17	3.57	.07	<10	.89	417	6	.02	19	161	2	<5	<20	7	.07	<10	28	<10	3	73
503 - 24	YSH- R 106	5	10	.2	.92	5	9	12	<5	.04	<1	1	162	18	2.79	.01	<10	.23	131	8	.01	18	299	<2	<5	<20	9	<.01	11	31	<10	<1	182
503 - 25	YSH- R 107	5	20	<.2	2.13	<5	8	32	<5	.45	<1	8	30	31	4.40	.10	<10	1.38	599	2	.03	7	692	<2	<5	<20	8	.15	<10	70	<10	18	78
503 - 26	YSH- R 108	10	125	<.2	1.18	7	7	44	<5	.25	<1	<1	29	7	3.28	.14	<10	.64	362	3	.03	3	938	8	<5	<20	7	.11	<10	22	<10	9	25

TREATY
13,14&15

ECO-TECH LABORATORIES LTD.

INTERNATIONAL KODIAK RESOURCES - ETK 90-503

PAGE 2

E10	DESCRIPTION	AU(ppb)	HG(ppb)	AG	AL(%)	AS	B	Ba	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
S03 - 27	TSR- R 109	5	40	.7	2.14	24	10	41	<5	.07	<1	17	79	60	5.09	.06	<10	1.19	1958	2	.02	106	487	6	<5	<20	11	<.01	<10	88	<10	<1	109
S03 - 28	TSR- R 110	5	5	<.2	.15	<5	<2	50	<5	12.68	<1	2	13	7	1.71	.03	<10	6.94	374	<1	<.01	11	1122	<2	<5	<20	655	<.01	21	13	<10	<1	15
S03 - 29	TSR- R 111	5	15	.3	.41	6	<2	6	<5	9.12	<1	5	20	15	3.44	.09	<10	3.23	1668	<1	<.01	26	1728	<2	5	<20	922	<.01	16	13	<10	1	26
S03 - 30	TSR- R 112	10	20	<.2	1.40	<5	4	115	<5	1.27	<1	12	100	17	2.42	.10	12	1.14	282	1	<.01	66	522	4	<5	<20	115	<.01	<10	23	<10	1	51
S03 - 31	TSR- R 113	5	25	.2	.31	36	<2	413	<5	7.99	<1	8	27	20	4.82	.08	<10	2.16	637	<1	<.01	63	656	7	<5	<20	641	<.01	15	20	<10	3	75
S03 - 32	TSR- R 114	10	65	.4	1.85	55	7	92	<5	.27	<1	9	77	27	4.31	.11	<10	.94	154	2	.01	63	961	16	5	<20	27	<.01	<10	38	<10	1	65
S03 - 33	TBC- R 148	5	20	.2	.36	8	7	27	<5	.09	<1	<1	32	1	.34	.14	<10	.03	62	2	.02	2	314	<2	<5	<20	7	<.01	<10	2	<10	3	3
S03 - 34	TBC- R 149	5	85	<.2	2.94	10	3	46	<5	2.14	<1	20	60	3	6.56	.21	<10	1.61	464	<1	<.01	34	628	<2	<5	<20	21	.03	<10	93	<10	6	39
S03 - 35	TBC- R 150	5	10	<.2	3.58	<5	<2	34	<5	3.77	<1	29	54	67	6.78	.18	<10	2.38	928	<1	<.01	31	442	<2	<5	<20	62	.02	<10	113	<10	4	49
S03 - 36	TBC- R 151	5	175	.4	.41	152	8	10	<5	.04	<1	3	57	5	2.93	<.01	<10	.05	65	4	.04	3	110	10	<5	<20	8	<.01	<10	5	<10	<1	5
S03 - 37	TBC- R 152	220	60	.3	2.32	27	10	36	<5	.06	<1	15	56	10	8.90	.13	<10	1.17	336	3	.02	28	596	4	5	<20	5	.02	<10	84	<10	<1	37
S03 - 38	TBC- R 153	5	40	.2	.24	25	7	18	<5	<.01	<1	4	56	2	1.32	.07	<10	.02	66	3	.04	3	116	2	<5	<20	7	<.01	<10	3	<10	3	4
S03 - 39	TBC- R 154	5	40	<.2	3.77	<5	<2	<5	<5	2.20	1	13	13	32	11.49	.01	<10	1.53	1223	<1	<.01	<1	2032	<2	<5	<20	15	.13	<10	8	<10	30	123
S03 - 40	TBC- R 155	65	10	3.6	1.65	<5	5	30	5	1.46	<1	44	17	37	8.52	.43	<10	.47	406	<1	<.01	3	820	49	<5	<20	27	.02	<10	21	<10	6	43
S03 - 41	TBC- R 156	5	25	.6	.39	22	8	45	<5	.09	<1	5	43	23	2.15	.21	10	.05	35	2	.04	1	837	22	<5	<20	14	<.01	<10	7	<10	2	18
S03 - 42	TBC- R 157	5	55	.3	.47	19	9	62	<5	.19	<1	8	82	7	2.22	.26	<10	.10	134	6	.03	2	568	6	<5	<20	7	.06	<10	15	<10	4	33
S03 - 43	TBC- R 158	5	635	.6	.21	33	8	15	<5	.04	<1	5	54	8	3.48	.20	<10	<.01	11	4	.03	2	171	9	33	<20	8	.03	<10	8	<10	<1	14
S03 - 44	TBC- R 159	5	275	.6	.45	101	7	13	7	<10	<1	4	117	6	4.69	.19	<10	.08	94	12	.02	3	5478	10	11	<20	6	.02	<10	9	<10	2	14
S03 - 45	TBC- R 160	10	100	.7	1.50	310	8	7	<5	.14	2	20	13	29	7.17	.04	<10	.52	490	124	<.01	5	481	29	<5	<20	13	<.01	14	14	<10	<1	50
S03 - 46	TBC- R 161	5	35	<.2	1.80	<5	6	38	<5	.51	<1	9	34	9	7.05	.16	<10	.69	598	4	.05	<1	1982	5	<5	<20	5	.13	<10	12	<10	15	70
S03 - 47	TBC- R 162	5	45	.3	.40	<5	<2	142	<5	4.40	<1	14	8	6	3.81	.29	<10	1.01	1430	<1	<.01	3	810	4	<5	<20	14	.01	10	20	<10	6	47
S03 - 48	TBC- R 163	5	15	<.2	2.48	<5	<2	97	<5	2.37	<1	18	6	11	4.96	.45	<10	1.30	1206	<1	<.01	2	908	<2	<5	<20	13	.01	<10	42	<10	8	66
S03 - 49	TBC- R 164	5	70	.3	.34	<5	8	89	<5	.02	<1	<1	22	<1	1.02	.26	15	.02	17	2	.05	<1	143	4	<5	<20	11	<.01	<10	3	<10	<1	4
S03 - 50	TBC- R 165	5	20	.3	.52	<5	7	87	<5	.17	<1	10	6	42	4.52	.22	18	.04	658	<1	<.01	4	720	5	<5	<20	5	<.01	<10	23	<10	6	59
S03 - 51	TBC- R 166	5	55	.4	3.26	<5	7	98	7	.54	<1	8	9	13	8.67	.38	<10	1.39	793	2	<.01	<1	2686	13	<5	<20	17	.02	<10	8	<10	16	170
S03 - 52	TBC- R 167	5	15	.4	.44	<5	8	6	<5	.03	<1	4	365	11	2.20	<.01	<10	.19	186	21	.03	11	267	2	<5	<20	19	<.01	<10	6	<10	<1	26
S03 - 53	TBC- R 168	5	45	.2	.50	<5	<2	93	<5	6.33	<1	11	21	22	4.37	.30	11	1.63	1791	<1	<.01	11	2156	<2	<5	<20	178	<.01	11	17	<10	16	26
S03 - 54	TBC- R 170	5	130	<.2	1.20	22	7	50	<5	.68	<1	4	48	7	3.96	.22	10	.31	310	5	.03	5	1338	9	<5	<20	16	.12	<10	8	<10	17	60
S03 - 55	TSD- R 001	5	60	<.2	1.23	<5	9	81	<5	.19	<1	1	20	7	6.16	.19	<10	.45	241	2	.03	<1	1103	7	<5	<20	13	.22	<10	12	<10	11	24
S03 - 56	TSD- R 002	5	10	<.2	1.90	<5	7	26	<5	.49	<1	7	176	6	4.72	.10	<10	.90	259	9	.01	15	441	6	<5	<20	58	.05	<10	31	<10	8	63
S03 - 57	TSD- R 003	5	10	<.2	2.80	<5	3	<5	<5	1.48	<1	12	92	2	2.09	.04	<10	1.26	436	5	<.01	5	166	<2	<5	<20	506	.05	<10	47	<10	1	57
S03 - 58	TSD- R 004	10	90	<.2	1.53	<5	8	43	<5	.25	<1	6	34	20	5.34	.16	<10	.73	297	2	.03	5	752	4	<5	<20	13	.13	<10	23	<10	9	40
S03 - 59	TSD- R 005	5	160	<.2	1.69	<5	9	42	<5	.08	<1	<1	19	18	4.01	.14	<10	.59	79	1	.01	2	579	5	<5	<20	8	.15	<10	19	<10	9	34
S03 - 60	TSD- R 006	5	125	.3	.33	19	7	17	6	.54	<1	4	103	11	5.34	.03	<10	.08	86	12	.02	35	1234	18	<5	<20	30	.11	12	19	<10	11	45
S03 - 61	TSD- R 007	5	75	.2	.46	<5	7	17	<5	.20	<1	<1	107	2	.84	.05	20	.23	260	7	.04	2	34	10	<5	<20	9	<.01	<10	<1	<10	4	22
S03 - 62	TSD- R 008	5	25	.3	.40	<5	5	14	<5	.65	<1	<1	127	2	.62	.06	30	.23	309	7	.02	4	53	8	<5	<20	7	.01	<10	<1	<10	8	20
S03 - 63	TSD- R 009	5	240	.9	1.80	30	7	130	5	.43	1	45	130	43	5.22	.15	<10	.66	574	127	.02	12	612	36	<5	<20	14	<.01	<10	30	<10	5	65

ECO-TECH LABORATORIES LTD.

INTERNATIONAL KODIAK RESOURCES - ETK 90-503

PAGE 3

TREATY 13,1W15

ETH	DESCRIPTION	AU(ppb)	HG(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	T	ZN
503 - 64	YSD- R 010	5	20	.3	.37	<5	<2	18	<5	12.88	<1	10	61	5	7.01	.12	<10	.39	2103	7	<.01	31	124	<2	<5	<20	<1	<.01	17	23	<10	6	66
503 - 65	YSD- R 011	5	25	.4	.34	<5	4	24	<5	1.09	<1	<1	108	1	.75	.12	26	.04	542	8	.03	2	52	29	<5	<20	7	.02	<10	<1	48	6	27
503 - 66	YSD- R 012	5	160	<.2	.89	<5	5	62	<5	.85	<1	7	62	11	3.86	.21	<10	.26	283	6	.01	8	1442	7	<5	<20	23	.09	<10	18	<10	13	54
503 - 67	YTT- R 088	5	280	<.2	1.79	<5	<2	<5	<5	5.19	<1	20	96	12	3.08	<.01	<10	1.24	649	3	<.01	38	453	<2	7	<20	378	.06	<10	66	<10	11	24
503 - 68	YTT- R 089	5	95	.3	.33	14	10	50	<5	.06	<1	2	144	3	1.34	.16	<10	.02	37	9	.05	3	38	<2	<5	<20	9	<.01	<10	5	<10	<1	3
503 - 69	YTT- R 090	5	250	.3	1.08	<5	9	150	<5	.11	<1	11	29	12	5.27	.41	<10	.25	333	3	.02	1	993	9	<5	<20	19	<.01	<10	17	<10	6	32
503 - 70	YTT- R 091	5	140	<.2	1.86	<5	7	56	<5	.20	<1	<1	31	3	3.21	.17	<10	1.23	527	1	<.01	<1	1247	<2	<5	<20	10	.05	<10	15	<10	7	57
503 - 71	YTT- R 092	10	180	<.2	1.50	<5	8	313	<5	.24	<1	6	22	8	4.06	.19	<10	.94	568	2	.02	1	889	6	<5	<20	31	.08	<10	23	<10	5	70
503 - 73	YTT- R 095	5	20	3	.03	<5	<2	<5	<5	21.95	<1	<1	20	<1	.21	<.01	13	.07	3134	2	<.01	<1	10	<2	<5	<20	449	<.01	24	<1	<10	17	<1
503 - 74	YTT- R 095	5	15	<.2	.57	<5	11	1452	6	.37	<1	5	32	4	8.12	.26	<10	.10	145	2	<.01	1	844	7	<5	<20	63	.07	<10	41	<10	5	12
503 - 75	YTT- R 096	5	130	.3	.25	7	10	11	<5	.12	<1	8	46	5	3.61	.25	<10	<.01	16	3	<.01	2	421	14	<5	<20	8	.11	<10	12	<10	4	3
503 - 76	YTT- R 098	5	250	.7	.23	17	8	214	<5	<.01	<1	<1	34	1	1.40	.37	<10	<.01	5	5	<.01	<1	305	23	13	<20	27	.11	<10	9	<10	3	2
503 - 77	YTT- R 099	5	15	1.0	.23	132	9	17	7	.04	<1	5	58	13	5.48	.38	<10	<.01	19	6	.04	1	672	50	14	<20	67	.10	11	16	<10	3	6
503 - 78	YTT- R 100	10	65	.3	.18	7	7	29	<5	.13	<1	5	66	5	2.49	.17	<10	<.01	12	6	<.01	2	269	10	<5	<20	7	.13	<10	6	<10	4	3
503 - 79	YTT- R 108	130	50	.7	.83	<5	3	39	<5	1.32	<1	7	73	68	3.19	.11	<10	.49	604	4	<.01	2	637	220	<5	<20	10	.05	<10	18	<10	3	35
503 - 80	YTT- R 109	5	10	<.2	.06	<5	8	1104	<5	.09	<1	1	201	2	.44	<.01	<10	.03	195	13	<.01	3	17	3	<5	<20	20	<.01	11	2	<10	<1	6
503 - 81	YTT- R 110	5	40	.9	.77	31	8	38	6	.03	<1	12	62	9	5.20	.10	<10	.36	489	3	<.01	2	382	9	<5	<20	5	<.01	<10	19	<10	<1	27
503 - 82	YTT- R 101	5	80	.6	.22	12	8	10	<5	.07	<1	10	38	6	3.24	.20	<10	<.01	18	3	.03	2	112	22	8	<20	5	<.01	<10	10	<10	<1	9
503 - 83	YTT- T 102	5	245	.9	.41	33	8	104	14	.01	<1	2	35	11	7.14	.20	<10	.12	87	7	<.01	2	386	72	7	<20	13	<.01	<10	10	<10	<1	11
503 - 84	YTT- T 103	5	15	<.2	.07	<5	7	30	<5	<.01	<1	<1	189	2	.95	<.01	<10	.02	68	12	.02	2	132	<2	<5	<20	4	<.01	11	3	<10	<1	6
503 - 85	YTT- T 104	5	100	1.1	.50	13	6	53	5	.11	<1	2	8	3	2.94	.21	<10	.17	133	11	.02	<1	773	19	<5	<20	10	.03	<10	15	<10	2	27
503 - 86	YTT- T 105	5	65	1.8	.49	40	7	<5	6	.14	<1	2	34	8	4.50	.22	<10	.13	93	37	.04	2	596	44	<5	<20	6	.06	<10	16	<10	3	19
503 - 87	YTT- T 106	5	15	.4	.08	<5	5	41	<5	.56	<1	1	122	3	.99	<.01	<10	.03	191	8	<.01	2	152	<2	<5	<20	21	<.01	14	3	<10	<1	6
503 - 88	YTT- T 107	5	10	<.2	.23	<5	<2	9	<5	3.08	<1	3	165	4	1.27	<.01	<10	.10	612	11	<.01	2	146	<2	<5	<20	81	<.01	<10	6	<10	2	14
503 - 89	Y-RW R 345	10	270	.4	.30	<5	8	106	<5	.07	<1	2	15	2	2.99	.23	13	.03	85	4	.12	<1	300	16	<5	<20	45	<.01	<10	6	<10	<1	7
503 - 90	Y-RW-R 346	5	25	<.2	2.24	<5	<2	30	7	4.82	<1	32	24	16	7.85	.20	<10	1.52	1346	<1	<.01	44	426	<2	<5	<20	<1	<.01	<10	52	<10	10	47
503 - 91	Y-RW-R 347	5	180	<.2	.65	<5	6	85	<5	.04	<1	6	17	9	2.75	.16	<10	.14	189	<1	.03	1	609	3	<5	<20	18	<.01	<10	8	<10	8	32
503 - 92	Y-RW-R 348	10	160	<.2	.39	<5	8	48	<5	<.01	<1	1	15	7	3.27	.15	<10	.06	27	2	.03	<1	503	9	<5	<20	11	.23	<10	10	<10	6	7
503 - 93	Y-RW-R 349	10	10	.2	1.04	<5	<2	101	<5	3.33	<1	6	11	4	2.52	.25	14	.36	672	<1	<.01	<1	704	<2	<5	<20	26	<.01	<10	24	<10	6	42
503 - 94	Y-RW-R 350	5	5	<.2	2.16	<5	7	1221	6	.03	<1	27	76	5	7.09	.08	<10	.50	412	3	<.01	4	128	<2	<5	<20	47	.01	<10	26	<10	<1	112
503 - 95	Y-RW-R 351	5	15	<.2	.42	<5	7	483	<5	.04	<1	2	30	4	2.80	.17	<10	<.01	24	2	<.01	1	221	<2	<5	<20	18	.01	<10	28	<10	1	8
503 - 96	Y-RW-R 352	5	470	1.0	.24	23	8	58	<5	.01	<1	<1	54	2	3.63	.52	<10	<.01	22	3	.01	<1	403	18	<5	<20	8	<.01	<10	9	<10	<1	4
503 - 97	Y-RW-R 353	5	170	1.1	.15	37	7	121	<5	<.01	<1	<1	49	3	2.35	.33	<10	<.01	7	3	<.01	<1	335	10	<5	<20	39	<.01	<10	9	<10	<1	3
503 - 98	Y-RW-R 354	10	65	.4	2.11	<5	10	114	<5	.05	<1	19	36	46	4.82	.15	<10	1.16	1837	<1	.01	66	272	<2	<5	<20	10	<.01	<10	38	<10	4	143
503 - 99	Y-RW-R 355	5	20	1.1	.67	<5	<2	29	<5	14.55	<1	7	8	18	1.83	.01	14	.47	10000	<1	<.01	15	1340	<2	<5	<20	414	<.01	30	29	<10	18	27
503 - 100	Y-RW-R 356	5	50	.9	.94	<5	7	20	<5	.07	<1	3	47	34	2.98	.04	<10	.35	267	6	.02	14	256	<2	<5	<20	12	.10	<10	69	<10	7	137

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
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INTERNATIONAL KODIAK RESOURCES - ETK 90-504

C/O JAYCOX INDUSTRIES
BOX 3433
SMITHERS, B.C.
V0J 2N0

SEPTEMBER 7, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: UNUK
14 SILT SAMPLES RECEIVED AUGUST 29 , 1990

ETH	DESCRIPTION	AU(ppb)	MO	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	T	ZN
~~504 - 1~~	~~Y-BCS 097~~	~~<5~~	~~95~~	~~.6~~	~~1.23~~	~~35~~	~~52~~	~~195~~	~~<5~~	~~1.20~~	~~2~~	~~22~~	~~3~~	~~20~~	~~3.84~~	~~.07~~	~~<10~~	~~.05~~	~~712~~	~~2~~	~~.04~~	~~10~~	~~860~~	~~64~~	~~5~~	~~<20~~	~~23~~	~~.01~~	~~<10~~	~~33~~	~~<10~~	~~5~~	~~55~~
504 - 2	Y-BCS 116	<5	35.	.6	1.41	30	58	75	<5	.23	14	22	19	64	4.30	.03	10	.80	1694	8	.05	47	1210	48	5	<20	15	.01	<10	42	10	11	576
504 - 3	Y-BCS 169	<5	40	.2	1.41	15	44	85	<5	.65	2	11	6	11	4.41	.05	20	.74	1317	3	.06	8	2310	38	5	<20	19	.03	<10	31	<10	10	167
504 - 4	Y-BCS 171	<5	70	.2	1.22	20	36	110	<5	.55	2	12	7	19	4.33	.06	20	.68	1422	3	.05	12	2190	40	5	<20	19	.03	<10	30	<10	11	180
504 - 5	Y-BCS 172	<5	50	.4	1.31	25	50	100	<5	.61	2	11	6	16	4.32	.05	20	.68	1359	5	.05	13	2310	38	5	<20	19	.03	<10	31	<10	11	166
504 - 6	Y-BCS 173	<5	40	.2	1.47	30	62	85	<5	.42	5	20	24	45	4.32	.04	20	.99	1726	4	.06	45	1550	28	5	<20	21	.01	<10	40	<10	11	280
504 - 7	Y-BCS 174	<5	40	.2	1.44	20	46	105	<5	.58	2	13	9	20	4.23	.05	20	.77	1341	6	.05	15	2410	32	5	<20	18	.02	<10	38	<10	12	183
504 - 8	Y-BCS 175	10	45	.4	1.39	20	38	90	<5	.58	2	10	10	20	4.43	.04	20	.78	1240	5	.04	15	2390	26	5	<20	18	.02	<10	36	<10	11	190
504 - 9	Y-BCS 177	<5	40	.2	1.40	20	44	80	<5	.46	3	15	23	29	4.07	.04	10	.80	1236	4	.05	33	1750	30	<5	<20	20	.01	<10	39	<10	9	199
504 - 10	Y-BCS 178	5	40	.2	1.43	20	46	80	<5	.46	3	15	25	30	3.95	.04	10	.86	1238	5	.05	32	1790	30	5	<20	18	.02	<10	39	<10	9	202
504 - 11	Y-SMS 115	<5	40	.2	1.39	35	44	120	<5	.26	1	31	49	44	3.99	.03	<10	.92	1291	3	.04	78	930	22	5	<20	26	.01	<10	34	<10	4	93
504 - 12	Y-SMS 116	<5	40	.2	1.52	30	42	105	<5	.27	1	26	57	44	4.16	.03	<10	.97	808	2	.05	83	980	26	5	<20	26	.01	<10	40	<10	4	88
~~504 - 13~~	~~Y-SMS 360~~	~~5~~	~~30~~	~~.4~~	~~1.48~~	~~20~~	~~52~~	~~100~~	~~<5~~	~~.47~~	~~2~~	~~18~~	~~27~~	~~42~~	~~4.73~~	~~.14~~	~~10~~	~~1.16~~	~~666~~	~~7~~	~~.22~~	~~36~~	~~1390~~	~~34~~	~~10~~	~~<20~~	~~36~~	~~.12~~	~~<10~~	~~66~~	~~<10~~	~~7~~	~~159~~
504 - 14	~~Y0-85-089~~ YGK-5009	10	50	1.0	1.55	35	56	300	<5	.36	6	32	50	79	5.36	.06	10	.91	1982	12	.04	71	1490	154	5	<20	25	.01	<10	45	<10	8	394

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/INT.KODIAK

SM-R 109
SM-R 110
SM-R 111
SM-R 112
SM-R 113
SD-R 007
SD-R 008
SD-R 009
SD-R 010
SD-R 011
SD-R 012
SM-S 115
BC-R 170
BC-S 169
BC-S 116
BC-S 171
GK-R 008
GK-S 009
GK-R 007
SM-R 117
BC-S 172
BC-S 173
GK-R 006
SM-R 119
BC-S 174
BC-S 176
BC-S 175
BC-S 177
BC-S 178
BC-R 166
BC-R 167
BC-R 168

6000
5500
5000
4500
4000

TREATY 14
#7826

TREATY 13
#7825

LCP

TREATY 15
#7827

LEGEND

- CLAIM LINE
- CONTOUR (500')
- STREAM
- × SD-R 011 ROCK GEOCHEM SAMPLE
- ○ BC-S 172 SILT GEOCHEM SAMPLE

SCALE 1:5000

100 0 100 200 300

METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,546

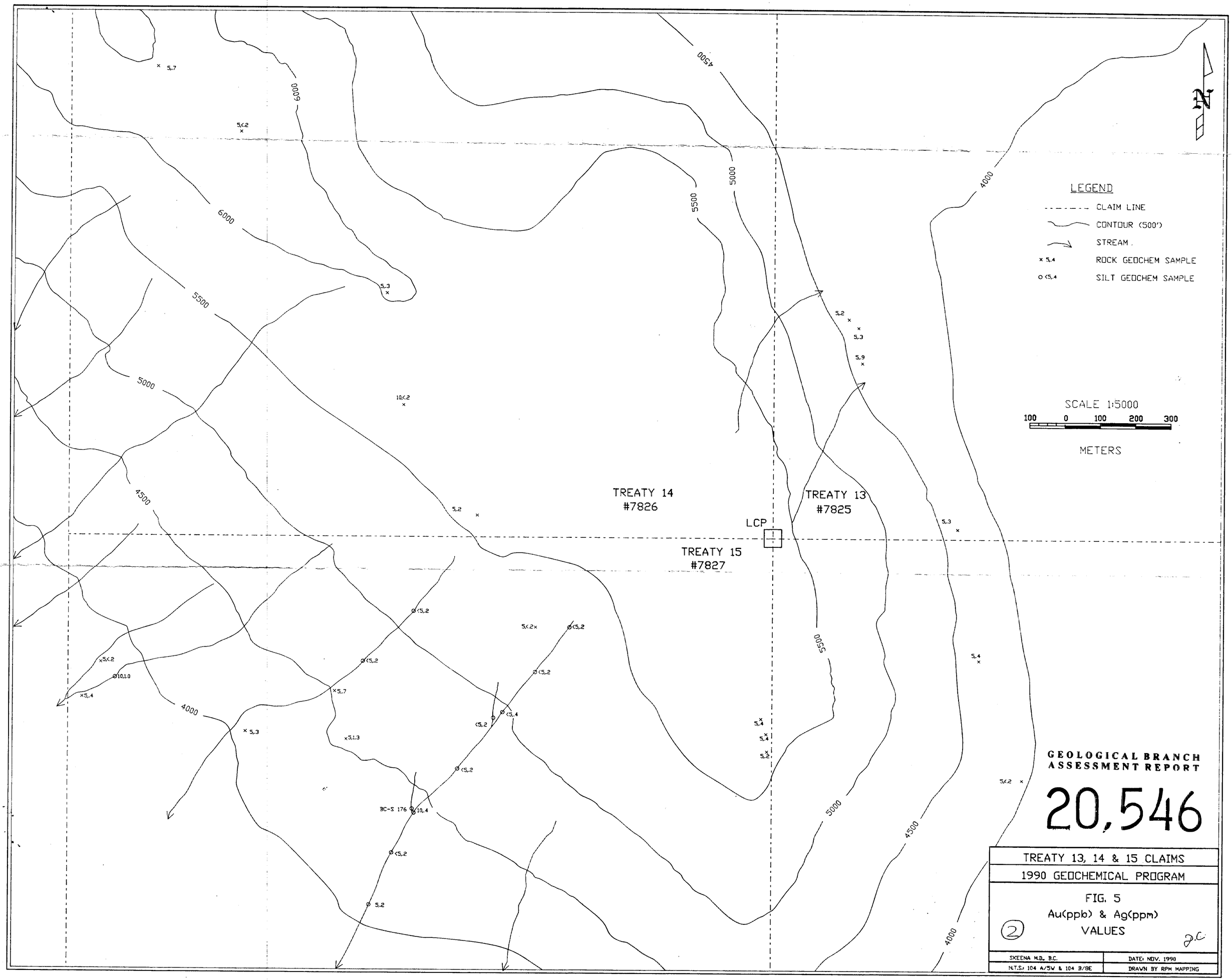
TREATY 13, 14 & 15 CLAIMS
1990 GEOCHEMICAL PROGRAM

FIG. 4
SAMPLE LOCATION MAP
(ROCKS & SILTS)

(1)

SKEENA M.D. B.C.
N.T.S.: 104 A/5W & 104 B/8E

DATE: NOV. 1990
DRAWN BY RPM MAPPING



GEOLOGICAL BRANCH
ASSESSMENT REPORT

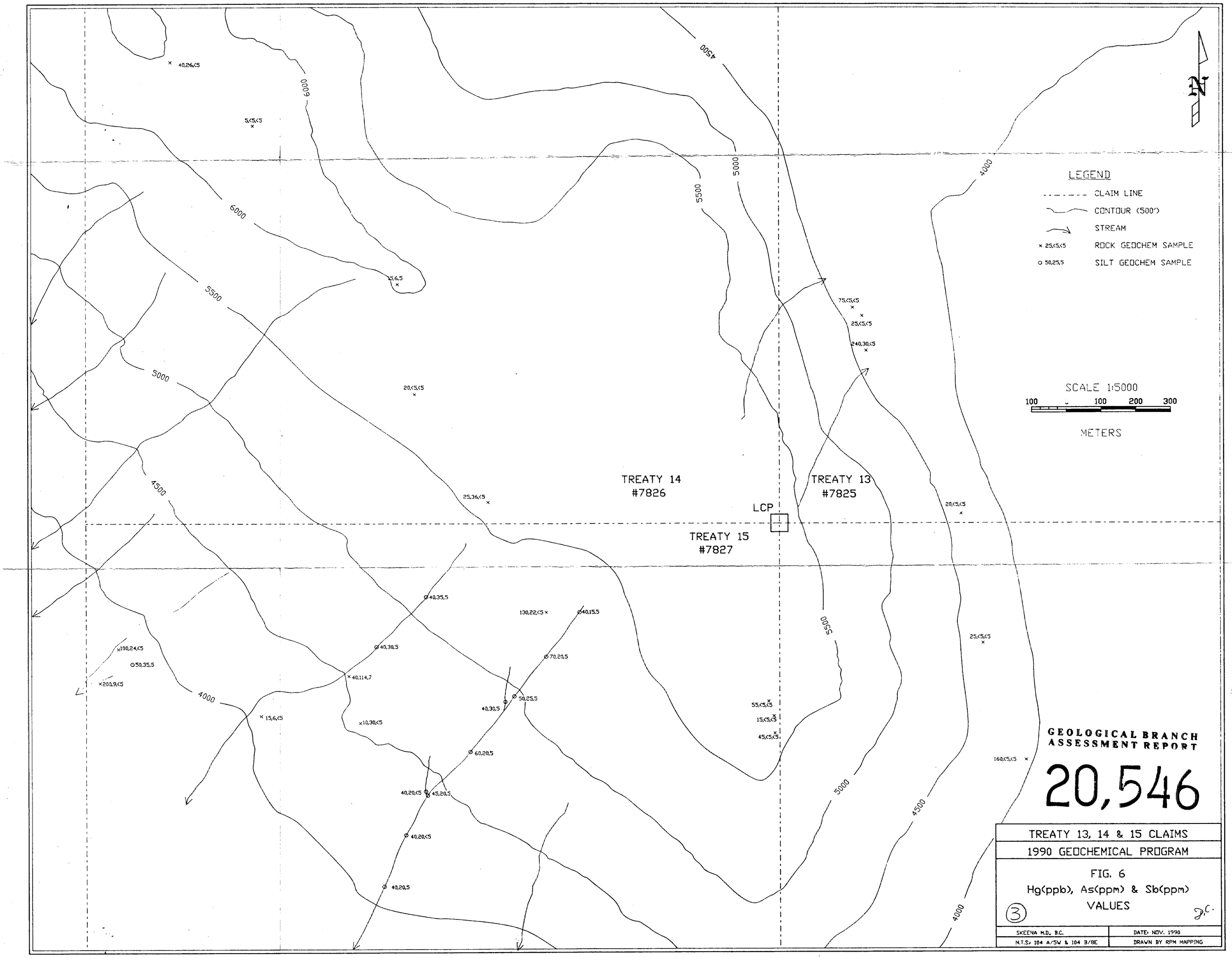
20,546

TREATY 13, 14 & 15 CLAIMS
1990 GEOCHEMICAL PROGRAM

FIG. 5
Au(ppb) & Ag(ppm)
VALUES

(2)

SKEENA M.D. B.C.	DATE: NOV. 1990
N.T.S.: 104 A/5W & 104 B/8E	DRAWN BY RPM MAPPING



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TREATY 13, 14 & 15 CLAIMS
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FIG. 6
Hg(ppb), As(ppm) & Sb(ppm)
VALUES

3

SKEENA M.D. B.C.	DATE: NOV. 1990
N.T.S.: 104 A/5W & 104 B/8E	DRAWN BY RPM MAPPING