

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORTS

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**KID PORPHYRY PROSPECT  
RECONNAISSANCE PROSPECTING REPORT**

**OMINECA MINING DIVISION  
BRITISH COLUMBIA**

**NTS 93-K-7W**

**Latitude 54 degrees 24 minutes north  
Longitude 124 degrees 53 minutes west**

**Annual Work Approval No. PRG-1995-1300442-6808**

**For**

**Robin Day & Larry Hewitt**

**By**

**Robin C. Day, B.Sc., F.G.A.C.**

**December 01, 1995**

**FILMED**

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**24,258**

JAN 22 1996

NOT AN OFFICIAL RECEIPT

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## KID PORPHYRY PROSPECT

### EXECUTIVE SUMMARY

Reconnaissance prospecting, rock and silt sampling was performed on and around the Kid porphyry system, located on the east side of Sutherland River, about 49 kilometers north of Fort Frazer, B.C. This work was performed to investigate the Kid porphyry system for gold as it is immediately up-ice from known placer gold occurrences on Sowchea Creek. One significant gold value (1050 p.p.b.) was obtained from analysis of rock sample number RR-95-01 which was collected near the south end of the claims. A sample split of rock sample number RR-95-14 assayed 3 p.p.m. Rhenium (Re) versus 3046 p.p.m. Molybdenum (Mo). No platinum group metals were detected, however, numerous significant molybdenum values from 500 p.p.m. to greater than 4000 p.p.m. Mo were obtained. Potential exists for significant tonnage of stockwork/breccia controlled and disseminated molybdenum-rhenium mineralization within the north-east end of the Kid porphyry system. The gold value obtained near the southern end of the Kid porphyry may be associated with a Tertiary age (Endako Group) volcanic-hydrothermal center thought to occur near the south-west end of the claims.

### PROJECT LOCATION

Central B.C. about 25 miles north-northwest of Endako, B.C. on the east side of Sutherland River.

### N.T.S. MAP

93-K-7W at ~lat. 54 degrees 24 minutes north, long. 124 degrees 53 minutes west.

### ACCESS

By road, north of highway 16 at Nautley Road, east of Fort Frazer and north on the Sutherland River logging road for a distance of 38.4 kilometers and a further 10.5 kilometers by old drill access road (4 x 4 vehicles only) to a landing above and on the south side of Kid Creek. From this point access is by quad and or by foot. Alternate access is by helicopter, 24 air miles west from Ft. St. James, B.C.

### COMMODITIES

Mo, Re, Au

### DEPOSIT TYPES

Porphyry Mo, Re

Epithermal Au

### GEOLOGY

The claims lie within the Mississippian to Triassic Cache Creek Group, a northwest trending belt of metamorphosed Paleozoic oceanic sediments and volcanics. Intrusive into the Cache Creek Group within the claim boundary is a serpentine sill and an elongate, northeast trending biotite quartz monzonite about 300 meters by 1500 meters in dimension. The serpentine sill "above" the biotite quartz monzonite porphyry may have acted as an impermeable barrier to magmatic hydrothermal fluids, as no quartz-carbonate (listwanitization), or sulphidization was noted in the outcrops of meta-serpentinite examined. Also, the most intense silica flooding, stockwork development and brecciation was observed at the north-east end of the biotite quartz monzonite, which suggests that this is the "top" of the porphyry system. This interpretation is important as it implies that the porphyry system has undergone tectonic tilting to a near horizontal position during the Laramide orogeny, thus preserving a portion of the top of the porphyry system, which normally would have been eroded.

Molybdenite occurs in the biotite quartz monzonite, diorite and quartz diorite (diorite and quartz diorite were noted in core only-not in outcrop or float) as fine disseminations and as flakes in a well developed quartz vein stockwork. Molybdenite also occurs in the adjacent hornfelsed alteration zone as a coating along fractures and along irregular quartz veins. The biotite quartz monzonite appears to average about 5% pyrite with subordinate pyrrhotite. The adjacent hornfels zone appears to average 7-10% pyrite with subordinate pyrrhotite.

It is noteworthy that this porphyry system is immediately up-ice from the headwaters of Sowchea Creek drainage basin. This creek has recorded placer gold production of 226 ounces which were recovered in gravel derived from till. The auriferous gravel sits on a false bedrock of older or uneroded clay rich till. Also, placer gold on Pitka and Dog Creeks are downstream, in a glaciofluvial sense, from the Kid porphyry system. As this porphyry system is the only known large mineralized system proximal to these alluvial gold occurrences, it was deemed worthy of investigation for precious metals.

Sample RR-95-01 is silicified Biotite quartz monzonite which assayed 1050 p.p.b. Au. It is hypothesized that the gold content and alteration may be related to a Tertiary age Endako Goup volcanic centre though to occur on or near the south-west end of the claim block.

#### **WORK UNDERTAKEN**

Field work was performed during the period August 17-27, 1995 by the author and Mr. Larry Hewitt of Telkwa, B.C. This work was comprised of six man days equipment and supplies preparation, travel, camp mobilization and demobilization, and sixteen man days prospecting and rock sampling. 22 rock samples, 29 core samples and 4 silt samples were collected. Mineralized (visible MoS<sub>2</sub>, FeS<sub>2</sub>) rock and core samples were collected in order to determine whether or not gold is present in this porphyry system. Sample distribution is over 1000 meters by 300 meters by about 200 meters depth. Mineralized alteration types sampled include potassic, phyllic, and advanced argillic (characterized by silica flooding). Mineralized rock types sampled include biotite quartz monzonite, diorite, quartz diorite and hornfelsed metasediments. Prospecting did not reveal any quartz-carbonate and/or sulphide bearing alteration in the adjacent meta-serpentinite.

#### **CLAIM RECORD DATA**

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>DATE</u>
Kid-1	334091	March 01, 1996
Kid-2	334092	"
Kid-3	334093	"
Kid-4	334094	"
Kid-5	334095	"
Kid-6	334096	"
Kid-7	334097	"
Kid-8	334098	"

#### **CLAIM OWNERSHIP**

Larry Hewitt ( 50% ) and Robin Day ( 50% )

#### **ROCK & SILT GEOCHEMISTRY RESULTS**

30 element ICP plus geochemical gold analysis was performed on four silt samples, twenty-two rock samples and twenty-nine old core samples courtesy of Hemlo Gold Mines Inc. 31 element ICP analysis plus analysis for Au, PGM's and Re were performed by the claim owners on a sample split for sample number RR-95-14. Geochemical data are in appendix A and sample locations are shown in relation to bedrock geology on figure #3. ICP results show that Au, Bi & As content of this porphyry system are generally low. A fire assay of sample RR-95-14 indicates no gold and no platinum group metals present. Mo values deemed significant range from 500 p.p.m. up to greater than 4000 p.p.m. Sample number RR-95-14 assayed 3 p.p.m. rhenium versus 3046 p.p.m. molybdenum. Normalized to a 100 % MoS<sub>2</sub> concentrate, the Rhenium content would approximate 500 p.p.m. per tonne. Although only one sample, this analysis suggests an unusually high Re content for a molybdenum porphyry.

## EXPLORATION HISTORY

- 1946- Occurrence of MoS<sub>2</sub> noted by J.E. Armstrong during regional mapping.
- 1968-73- Amax performed geochemical and geophysical surveys and drilled 26 percussion holes. No assay data for rotary holes was reported in assessment files.
- 1980- Claims staked by C. Kowal.
- 1981- BP Minerals optioned the claims, mapped the bedrock geology and core drilled 3 holes by three of the Amax percussion holes. Best results reported by BP are 130 meters of .086 MoS<sub>2</sub> and 85 meters of .060 MoS<sub>2</sub>.
- 1994- Claims expired.
- 1995- "Kid" #1-8 claims staked by L. Hewitt and R. Day (fig. #1)  
Rock and silt sampling, resampling salvaged core, prospecting

## CONCLUSIONS

Potential exists for significant pittable tonnage of disseminated and stockwork/breccia hosted molybdenum-rhenium mineralization located in the north-east end of the Kid porphyry. Gold content and alteration of sample RR-95-01 suggests potential for Tertiary age epithermal gold mineralization superimposed on the south-west end of the Kid porphyry.

## RECOMMENDATIONS

All sample splits could be analyzed for rhenium. Further reconnaissance field work directed towards epithermal gold mineralization could be undertaken on the south-west end of the claims.

## STATEMENT OF EXPENDITURES

Transportation	truck(1600 Km @ \$\$0.25/Km)	\$ 400.00
	Gasoline	\$ 225.48
Geochemistry(cost of analysis)		\$ 879.92
Lumber, camp supplies		\$ 360.65
Food & Accommodation	field groceries	\$ 356.26
	travel/meals	\$ 51.66
Motel		\$ 62.10
Wages (deemed expenditure)	22 man days	\$ 4400.00
Claims/grouping		\$ 10.00
Report printing/mail		\$ 26.50
Report preparation		<u>\$ 200.00</u>
	TOTAL	\$ 6972.57

Fig. #1- Bedrock geology and claim boundary

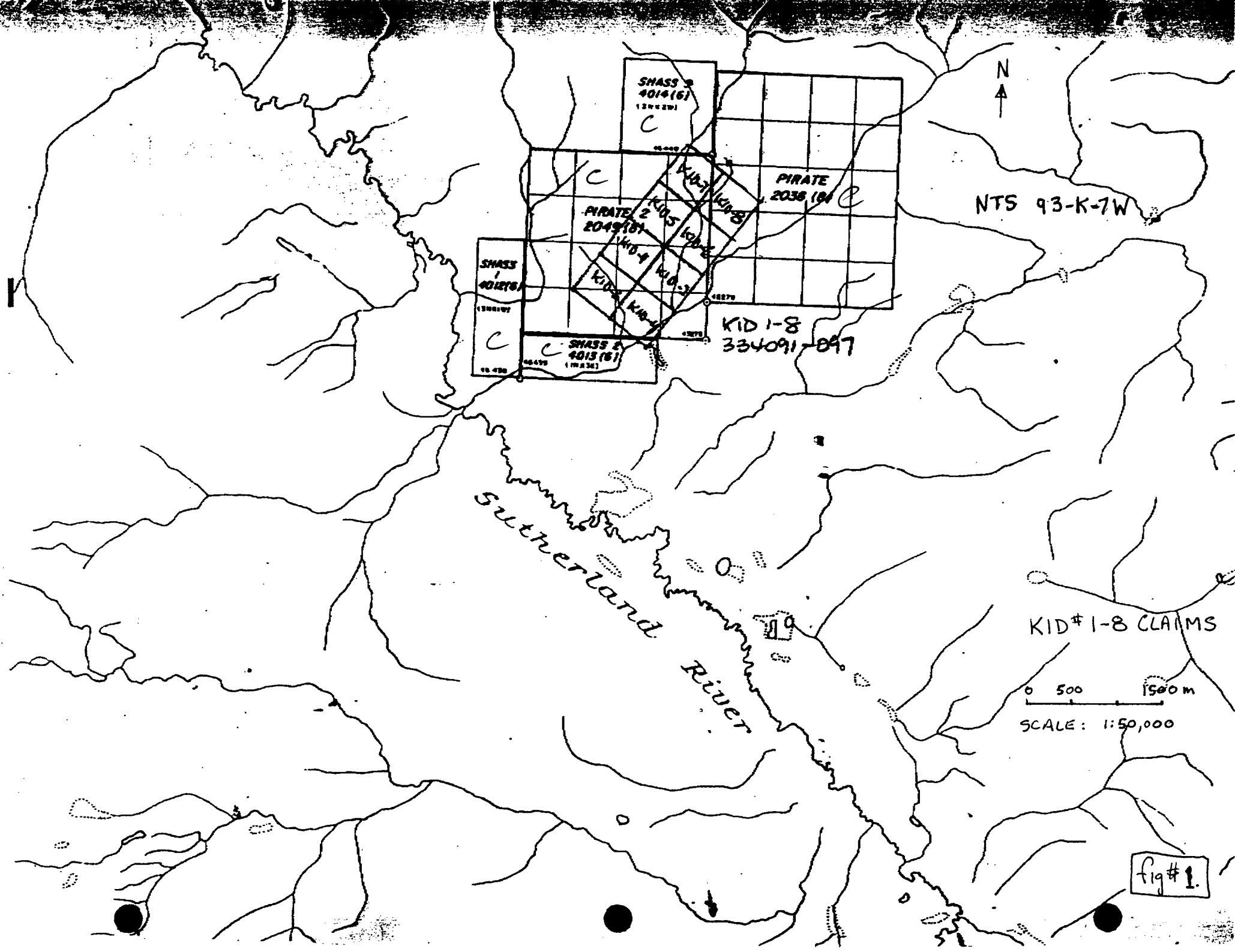
Fig. #2- Amax and BP Minerals drill hole locations plotted on bedrock geology

Fig. #3- Shass Mountain Prospect location map

Fig. #4- Mineral titles reference map

## REFERENCES

1. A.R. #1866; Amax, Shass Mountain Property-Geological and Geochemical Report, 1968
2. A.R. #4543; Amax, Shass Mountain Property-Geophysical Report, 1973
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5. A.R. #9800; BP Minerals; 1981 Diamond Drilling and Geological Mapping Program-Shass Mountain Molybdenum Property
6. G.S.C. Memoir #252, J.E. Armstrong, Ft. St. James Map Area, B.C.
7. G.S.C. Geophysical Paper #7226-Ft. Frazer, NTS 93-K
8. C.I.M. 1976-Special Vol. #15, Porphyry Deposits of the Canadian Cordillera
9. Sillitoe; Gold Deposits in Western Pacific Island Arcs, in Western Pacific Gold Deposits
10. Hollister, V.F., On a Proposed Plutonic Porphyry Gold Deposit Model, 1992 Oxford University Press 0961-1444/92



SHASS 2  
4014 (6)  
(124420)

PIRATE  
2038 (8)

PIRATE 2  
2049 (8)

SHASS 1  
4012 (6)

SHASS 3  
4013 (6)

KID 1-8  
334091-097

NTS 93-K-7W

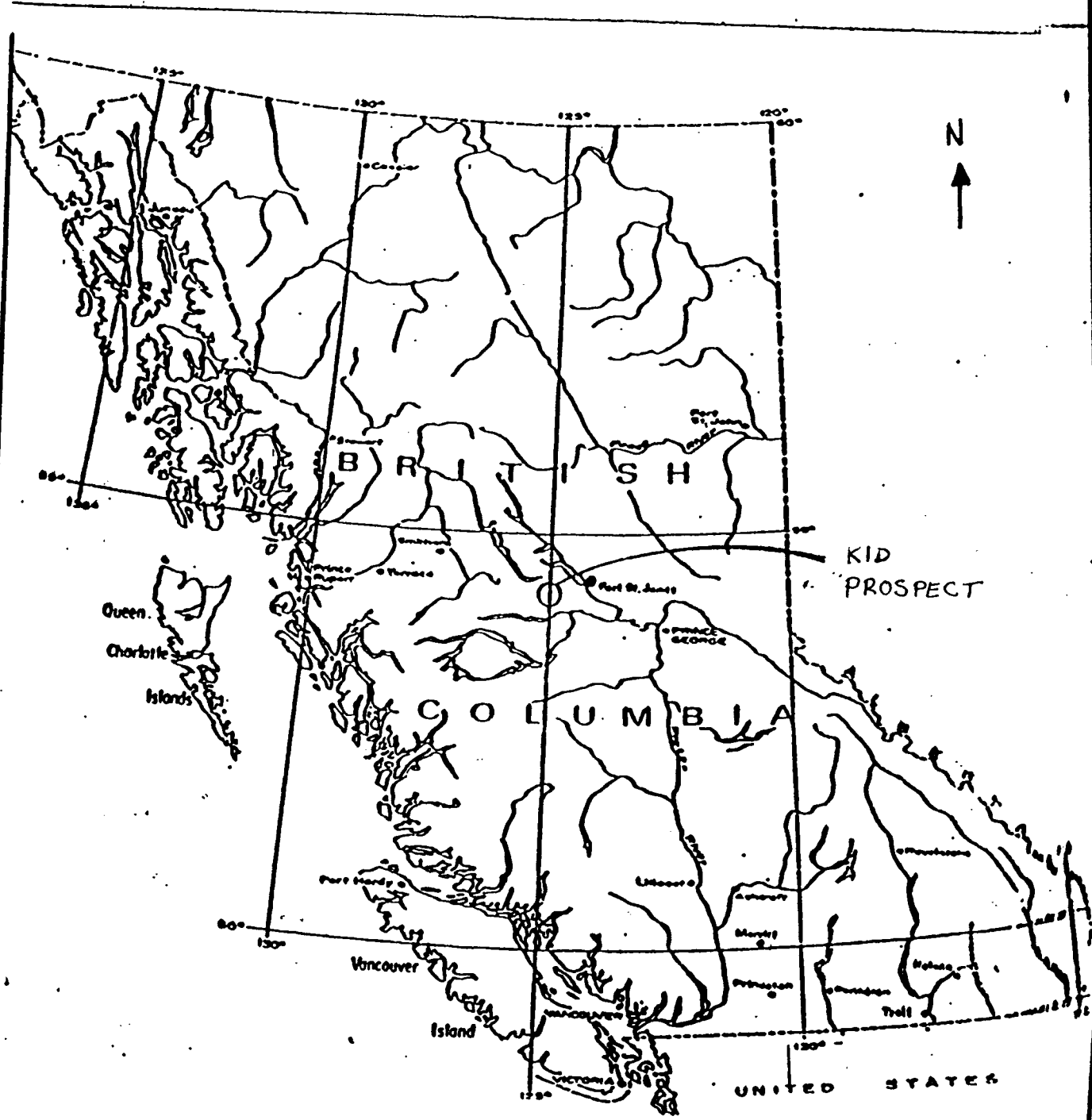
Sutherland River

KID #1-8 CLAIMS

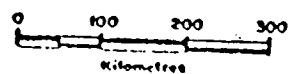
0 500 1500 m

SCALE: 1:50,000

fig # 1



KID PROSPECT  
LOCATION MAP



SCALE	NTS 93K	FIG 2
DWG No.	MSJ. 528	
To accompany report		BPVR 61-11





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---

**Geochemical Analysis Certificate**

**5S-0112-RG2**

Company: **MR ROBIN DAY**  
Project:  
Attn: Robin Day

Date: **NOV-03-95**  
Copy 1. Mr. Robin Day, Smithers, B.C.

*We hereby certify* the following Geochemical Analysis of 1 rock samples  
submitted AUG-29-95 by R. Day.

Sample Number	Re PPM
RR-95-14	3

---

Certified by \_\_\_\_\_

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Geochemical Analysis Certificate

5S-0112-RG1

Company: **MR ROBIN DAY**

Date: **SEP-08-95**

Project:

Copy 1. Mr. Robin Day, Smithers, B.C.

Attn: **Robin Day**

We hereby certify the following Geochemical Analysis of 1 ROCK samples submitted AUG-29-95 by R. Day.

Sample Number	Au-fire PPB	Pd PPB	Pt PPB
RR-95-14	3	<5	<5

Certified by \_\_\_\_\_

MIN-EN LABORATORIES



# NORANDA DELTA LABORATORY

## Geochemical Analysis

Project Name & No.: BC GENEX - 127 (HEMLO)  
 Material: 4 Silt, 22 Rx + 29 Cores  
 Remarks: \* Sample screened @ -35 MESH (0.5 mm)

Geol.: R.D.  
 Sheet: 1 of 2

Date received: AUG. 31  
 Date completed: SEP. 05

LAB CODE: 9509-005

\* Organic, Humus, S Sulfide      Au - silt & soil, 15.0 g sample digested with aqua-regia and determined by A.A. (D.L. 2 PPB); Rx, 10.0 g/AR/AA (DL 5 PPB)  
 ICP - 0.2 g sample digested with 3 ml HClO4/HNO3 (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Loeman PS3000 ICP determined elemental contents.  
 N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Tl	V	Zn
		ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
102	RST-9501 silt	6	0.2	2.84	4	776	0.6	5	0.79	0.7	45	13	81	33	3.66	0.55	16	11	1.09	783	9	0.07	65	0.09	8	57	0.23	104	105
103	RST-9502	2	0.2	2.88	6	258	0.5	5	1.05	0.7	48	17	160	46	4.06	0.48	16	11	1.56	762	4	0.08	119	0.09	5	51	0.28	113	110
104	RST-9503	2	0.2	2.40	3	265	0.4	5	0.71	0.5	42	12	66	34	3.36	0.51	14	16	1.05	546	5	0.05	64	0.08	4	44	0.22	105	103
105	RST-9504 silt	2	0.2	2.89	5	366	0.6	5	0.82	0.8	52	13	75	41	3.54	0.53	18	17	1.02	846	6	0.07	77	0.09	8	58	0.24	94	114
106	RR-9501 rx	1050	0.2	1.26	3	36	0.6	5	0.64	0.6	68	4	104	249	1.86	0.33	26	13	0.35	225	514	0.08	4	0.07	8	44	0.14	33	28
107	RR-9502	5	0.2	1.74	5	51	0.4	5	1.32	0.5	58	19	40	235	4.40	0.41	15	20	0.65	359	47	0.11	23	0.11	3	30	0.43	64	54
108	RR-9503	5	0.2	0.62	2	99	0.2	5	0.55	1.1	63	5	123	167	2.02	0.18	24	10	0.28	197	145	0.06	6	0.07	3	26	0.21	38	35
109	RR-9504	5	0.2	0.79	2	161	0.3	5	0.87	0.5	37	7	182	116	2.16	0.13	11	10	0.43	277	64	0.07	28	0.05	2	32	0.19	62	38
110	RR-9505	5	0.2	0.74	2	76	0.2	5	0.78	2.3	48	6	125	121	2.69	0.16	16	5	0.18	161	56	0.07	16	0.07	2	36	0.22	44	62
111	RR-9506	5	0.2	1.59	2	134	0.5	5	1.35	2.2	64	6	65	183	2.31	0.24	18	7	0.24	219	32	0.07	15	0.08	30	59	0.22	73	45
112	RR-9507	5	0.2	0.76	2	110	0.2	5	0.56	0.2	38	4	164	77	2.34	0.23	12	6	0.27	194	1210	0.06	8	0.06	4	28	0.16	41	24
113	RR-9508	5	0.2	0.69	2	67	0.2	5	0.53	1.3	39	3	167	77	1.51	0.20	14	5	0.19	129	626	0.06	6	0.05	2	19	0.15	31	42
114	RR-9509	5	0.2	0.79	2	120	0.2	5	0.33	0.2	37	3	136	43	2.02	0.35	14	10	0.53	263	1440	0.06	5	0.06	2	13	0.17	47	36
115	RR-9510	10	0.2	1.04	2	93	0.3	5	0.42	0.9	42	4	129	74	2.00	0.30	17	11	0.48	256	1100	0.06	5	0.06	3	14	0.15	42	45
116	RR-9511	5	0.2	0.89	2	56	0.2	5	0.29	0.3	42	1	154	25	1.30	0.33	19	9	0.35	187	674	0.06	2	0.05	5	18	0.09	34	15
117	RR-9512	5	0.2	1.02	2	125	0.2	5	0.38	0.2	41	1	126	41	1.83	0.40	16	10	0.48	260	1853	0.07	2	0.07	4	16	0.16	43	24
118	RR-9513	5	0.2	1.41	2	77	0.3	5	0.65	0.8	59	5	120	128	2.24	0.37	22	19	0.74	323	1107	0.08	6	0.10	4	24	0.20	64	47
119	RR-9514	5	0.2	0.70	2	46	0.2	5	0.34	0.5	34	5	184	87	2.41	0.26	10	9	0.43	203	4965	0.05	9	0.06	3	13	0.15	50	29
120	RR-9515	5	0.2	0.62	2	148	0.2	5	0.23	0.2	39	3	113	105	1.37	0.31	14	9	0.39	218	277	0.06	3	0.06	3	9	0.14	33	24
121	RR-9516	5	0.2	0.29	2	79	0.2	5	0.14	0.2	18	1	73	54	0.39	0.18	7	4	0.19	104	369	0.04	1	0.02	3	5	0.06	14	14
122	RR-9517	5	0.2	0.55	2	46	0.2	5	0.25	0.2	22	2	61	18	0.98	0.15	9	6	0.24	119	361	0.03	1	0.03	2	11	0.06	16	17
123	RR-9518	5	0.2	1.43	2	71	0.3	5	1.94	1.0	30	6	58	82	1.55	0.08	7	3	0.04	248	272	0.04	13	0.03	5	61	0.10	39	44
124	RR-9519	5	0.2	3.65	2	21	0.2	5	2.00	0.2	22	18	19	95	2.14	0.04	3	6	1.65	256	4	0.20	49	0.02	2	45	0.07	61	19
125	RR-9520	5	0.2	1.76	4	265	0.5	5	0.47	0.2	28	2	28	76	0.65	0.74	10	2	0.07	122	225	0.03	3	0.03	5	40	0.02	13	15
126	RR-9521	5	0.2	0.74	2	47	0.2	5	1.22	0.2	29	4	47	46	1.07	0.06	8	2	0.07	108	109	0.04	24	0.03	2	70	0.09	31	25
127	RR-9522 rx	15	0.2	0.57	2	69	0.2	5	0.31	0.2	32	2	94	57	1.14	0.26	13	13	0.30	180	524	0.06	2	0.04	3	26	0.08	20	21
128	RC-9501 core	5	0.2	0.59	2	116	0.2	5	0.44	3.6	45	4	127	81	1.94	0.31	12	11	0.48	318	1053	0.06	3	0.07	5	11	0.14	37	130
129	RC-9502	5	0.2	1.27	2	105	0.3	5	0.57	1.5	49	4	104	144	2.08	0.31	16	16	0.43	326	424	0.05	3	0.07	7	31	0.14	37	72
130	RC-9503	5	0.2	1.17	2	90	0.3	5	0.59	0.3	54	4	112	130	1.71	0.29	14	16	0.44	269	551	0.05	3	0.05	5	33	0.11	35	38
131	RC-9504	5	0.2	3.83	9	31	0.6	5	1.04	1.0	63	5	71	133	1.93	0.24	21	14	0.35	270	1725	0.03	4	0.06	9	40	0.08	40	48
132	RC-9505	5	0.2	1.85	4	66	0.4	5	2.55	0.9	70	4	102	137	1.56	0.31	19	14	0.37	376	808	0.05	4	0.06	11	56	0.08	36	46
133	RC-9506	5	0.2	2.46	2	200	0.4	5	1.55	0.6	53	13	93	386	3.70	0.41	15	20	0.99	354	188	0.09	34	0.08	4	171	0.23	102	79
134	RC-9507	5	0.2	5.16	4	160	0.7	5	3.68	2.1	57	27	28	366	4.34	0.86	11	20	1.86	470	1047	0.27	20	0.09	4	173	0.50	147	93
135	RC-9508	5	0.2	1.24	6	143	0.2	5	1.20	1.5	81	11	74	128	3.00	0.40	28	10	0.78	324	66	0.12	8	0.14	5	58	0.30	70	74
136	RC-9509	50	0.2	3.28	121	268	0.6	5	1.79	2.2	62	6	78	99	2.40	1.34	14	18	0.70	390	27	0.06	12	0.08	6	67	0.15	51	86

T.T. No.	SAMPLE No.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sr	Tl	V	Zn	9509-005	
		ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	g.
137	RC-9510	5	0.2	0.94	4	145	0.2	5	0.57	0.7	48	4	76	116	1.82	0.33	15	10	0.52	319	18	0.06	3	0.06	8	18	0.16	38	61		
138	RC-9511	15	0.2	3.25	40	268	0.7	5	2.01	3.8	61	11	108	199	4.26	1.25	17	28	1.44	484	367	0.06	59	0.08	7	213	0.21	166	217		
139	RC-9512	5	0.2	2.10	6	216	0.4	5	1.06	2.6	53	10	126	195	3.52	0.70	16	41	1.10	391	734	0.07	47	0.07	6	83	0.26	128	161		
140	RC-9513	5	0.2	2.04	6	173	0.5	5	1.96	2.2	60	11	119	209	3.31	0.56	16	14	0.82	444	216	0.15	58	0.08	4	64	0.27	106	134		
141	RC-9514	5	0.4	1.93	2	128	0.5	5	1.55	1.7	65	5	93	184	2.24	0.34	22	54	0.68	327	139	0.05	5	0.08	8	106	0.15	44	70		
142	RC-9515	5	0.2	3.47	6	1211	0.8	5	5.72	2.7	74	9	75	163	3.11	1.10	15	30	1.38	715	1008	0.06	29	0.07	8	162	0.15	114	141		
143	RC-9516	5	0.2	2.18	2	50	0.5	5	0.87	1.4	57	4	97	144	1.82	0.29	21	20	0.35	248	573	0.05	3	0.06	7	56	0.10	33	62		
144	RC-9517	5	0.2	1.13	2	231	0.3	63	0.80	1.7	58	7	110	161	3.17	0.58	17	19	0.75	495	84	0.07	5	0.12	5	28	0.27	60	84		
145	RC-9518	5	0.2	3.12	2	65	0.6	5	1.19	0.5	69	4	72	126	1.79	0.33	25	30	0.42	249	676	0.03	3	0.06	10	87	0.10	34	38		
146	RC-9519	5	0.4	2.60	2	149	0.5	5	1.17	1.7	51	9	77	323	3.49	0.72	18	21	0.80	411	1004	0.11	8	0.09	4	47	0.15	64	82		
147	RC-9520	5	0.2	2.27	2	125	0.4	5	1.48	0.3	60	8	79	233	3.34	0.50	18	29	0.77	426	266	0.16	4	0.09	7	62	0.19	56	54		
148	RC-9521	5	0.2	3.01	8	296	0.6	5	2.51	1.0	58	12	95	343	3.97	0.61	16	39	1.50	543	304	0.08	36	0.10	7	204	0.22	117	94		
151	RC-9522	5	0.2	1.19	2	83	0.4	5	0.86	2.0	43	11	162	276	3.18	0.45	12	13	0.85	309	383	0.09	51	0.07	3	22	0.25	103	105		
152	RC-9523	5	0.2	1.74	7	354	0.5	5	2.50	14.0	60	17	99	405	3.55	0.33	9	18	0.78	443	1566	0.09	29	0.07	4	64	0.18	92	332		
153	RC-9524	5	0.2	2.40	4	95	0.5	5	1.95	0.8	51	23	67	401	3.89	0.53	10	23	1.33	376	2457	0.13	26	0.08	3	68	0.45	116	67		
154	RC-9525	5	0.2	1.55	2	110	0.4	5	1.20	0.4	68	8	94	154	2.05	0.44	22	14	0.64	313	133	0.08	6	0.06	7	30	0.19	52	47		
155	RC-9526	5	0.2	2.13	3	336	0.4	5	0.88	1.0	47	12	124	184	3.90	0.77	12	38	1.14	372	131	0.06	55	0.08	5	87	0.25	134	132		
156	RC-9527	5	0.2	1.56	2	126	0.4	5	0.75	0.8	61	5	106	141	1.91	0.58	20	16	0.48	308	833	0.05	3	0.07	9	41	0.14	42	52		
157	RC-9528	5	0.2	0.80	7	100	0.3	5	0.50	2.0	54	4	144	112	1.84	0.36	21	13	0.43	280	1789	0.06	3	0.06	6	18	0.13	36	66		
158	RC-9529 core	5	0.2	3.84	7	133	0.5	5	2.84	1.4	57	23	44	290	3.94	0.75	11	13	1.72	438	652	0.24	17	0.06	3	118	0.44	126	73		

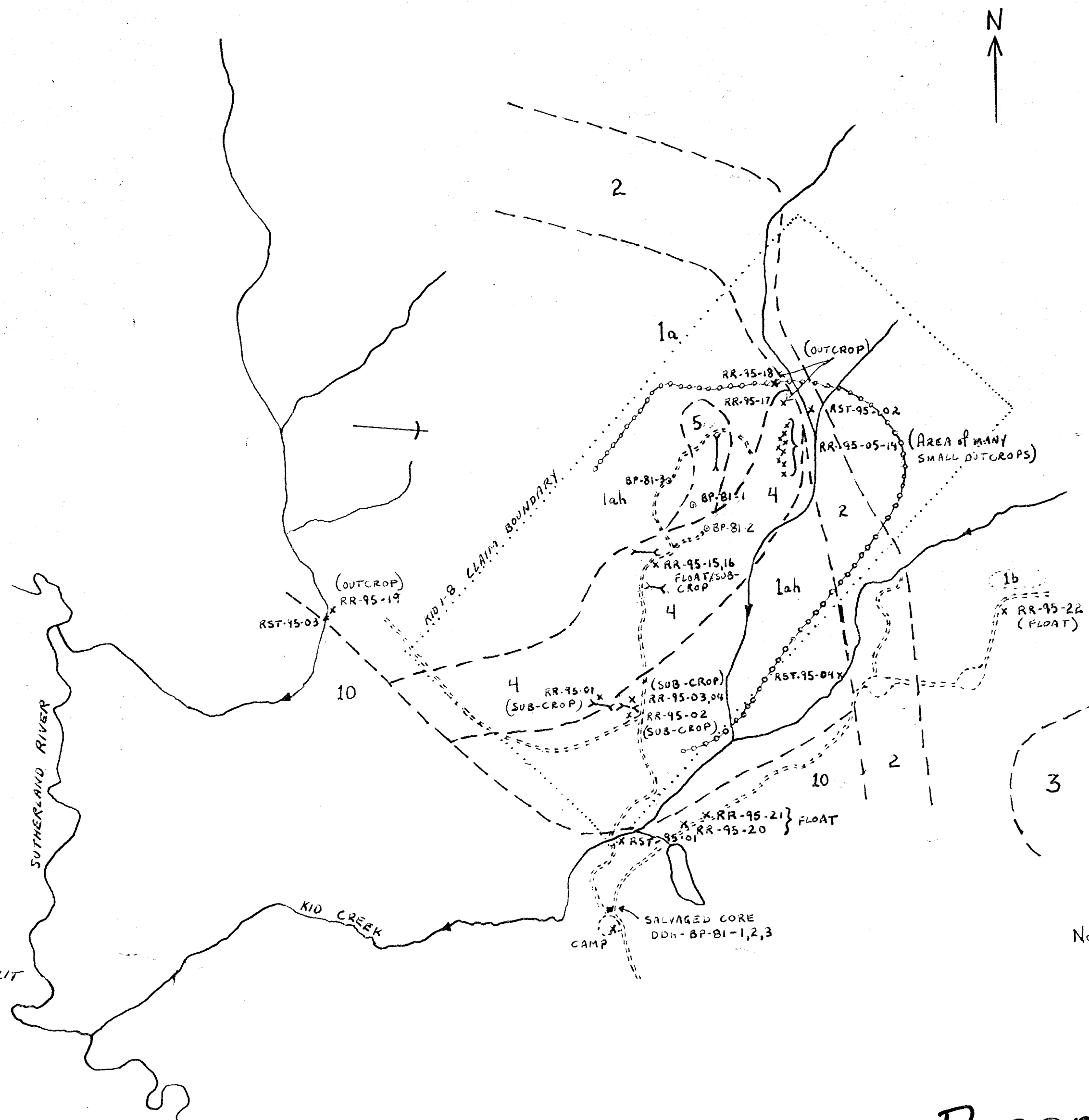
HOLE #	SAMPLE #	DEPTH	Mo (P.P.M.)
BP-81-1	RC-9506	(76-81.6m)	188
	RC-9519	(54-59.1m)	1004
	RC-9520	(70.7-76m)	266
	RC-9521	(81.6-87.2m)	304
	RC-9522	(98.1-103.7m)	385
	RC-9523	(103.7-109.2m)	1566
	RC-9524	(125.7-131.3m)	2457
	RC-9525	(147.6-150.3m)	133
	RC-9529	(157.4-164.2m)	652

BP-81-2	RC-9501	(12.1-17.8m)	1053
	RC-9502	(27.0-34.9m)	424
	RC-9503	(38.7-44m)	551
	RC-9504	(44.1-50m)	3725
	RC-9505	(75.3-79.8m)	808
	RC-9507	(178.1-185.4m)	1047
	RC-9516	(34.9-53.7m)	573
	RC-9517	(6.8-12.1m)	64
	RC-9518	(44.1-50.0m)	696
	RC-9527	(17.8-23.5m)	833
	RC-9528	(23.5-27.0m)	1789

BP-81-3	RC-9508	(9.3-14.9m)	66
	RC-9509	(32.3-37.6m)	27
	RC-9510	(43.5-49.3m)	16
	RC-9511	(70.9-76.1m)	367
	RC-9512	(98.6-104.2m)	734
	RC-9513	(110-112.5m)	216
	RC-9514	(112.5-115.5m)	139
	RC-9515	(144.6-151.9m)	1008
	RC-9526	(166-173.1m)	131

ROCK	SAMPLE #	Au (P.P.B.)	Mo (P.P.M.)
RR-9501	1050		518
RR-9502			47
RR-9503			145
RR-9504			66
RR-9505			56
RR-9506			32
RR-9507			1210
RR-9508			626
RR-9509			1440
RR-9510			1100
RR-9511			674
RR-9512			1853
RR-9513			1107
RR-9514			4965
RR-9515			277
RR-9516			369
RR-9517			361
RR-9518			272
RR-9519			4
RR-9520			225
RR-9521			109
RR-9522			524

ROCK	SAMPLE #	Re (P.P.M.)	Mo (P.P.M.) - SPLIT
RR-9514	3		3046



### LEGEND

- TERTIARY**  
 10 ENDAKO GROUP - VESICULAR BASALT, AGGLOMERATE, TOFF
- EARLY CRETACEOUS**  
 4 KID BIOTITE QUARTZ MONZONITE  
 5 BIOTITE HORNBLENDE DIORITE, QUARTZ DIORITE
- LATE JURASSIC**  
 3 HORNBLENDE BIOTITE QUARTZ MONZONITE
- PENNSYLVANIAN - PERMIAN**  
 2 SERPENTINITE  
 1 CACHE CREEK GROUP - 1a ARGILLITE, PHYLITE, PHYLITIC SILTSTONE, MINOR QUARTZITE & GREENSTONE;  
 1ah - HORNFELSIC EQUIVALENTS;  
 1b - GREENSTONE

### SYMBOLS

- X TRENCH
  - X RR-95-1 to 22 ROCK SAMPLE
  - X RST-95-1 to 4 SILT SAMPLE
  - GEOLOGICAL BOUNDARY (INFERRED)
  - o-o-o BOUNDARY - HORNFELS ZONE
  - == ROAD
  - o BP-81-1 to 3 DIAMOND DRILL HOLE SITE
  - CLAIM BOUNDARY
  - ICE DIRECTION
- SCALE 1:12,000

0 200 500 METERS

Note: ACCESS TO SAMPLE SITES IS BY INDICATED TRAILS/ROAD AND OR THROUGH FOREST COVER BY FOOT.

# Report: 24,258

NTS - 93-K-7	KID #1-8 CLAIMS		DRN BY R. DAY	SCALE 1:12,000
	MAT'L	No. REQ'D	CLASS	DATE SEPT. '95
				DWG. No. 3