BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1995/1996
REPORT #:	PAP 95-25
NAME:	RALPH KEEFE

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT
- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 & 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see sectin 16) required with this TECHNICAL REPORT.

Name Ralph R. Keefe Reference Number 95/96 PO52

LOCATION/COMMODITIES
Project Area (as listed in Part A) On-going Dev Plan
Minfile # if applicable N/A
Location of Project Area NTS 93M 1/E Lat 55 15' Long 126 11'
Description of Location and Access All areas accessed by logging roads on East side of Babine Lake.
Main Commodities Searched For Au, Cu, Porphyty

Known Minerial Occurrences in Project Area - Numerous mines and known mineral deposits (of which all are porphyry in nature) Granisle, bell, morrison - Double R, Babs, Nak, Dorothy and trail Peak, plus others.

WORK PERFORMED
1. Conventional Prospecting (area) & silting of creeks.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS (if any) **sample # 12840 - new log block - S.E. of existing showing on Babs claims.**

Commodities Cu, Au. Claim Name BABS
Location (show on map) Lat 54°51' Long 126° Elevation 2800'
Best assay/sample type - Cu - 12500 PPM, Au-265PPB (BFP) class.

Descrition of mineralization, host rocks, anomalies - A total of 57 log blocks plus haul roads were prospected this past season. The new showing on the Babs M.C. has resulted in further option of said property. Indications of additional mineralization on the M.R. property has drawn the attention of INCO Exploration, whom are presantly reviewing and assessing. Additional prospecting on the Double R property and surrounding area to the West has improved the potential of optioning. The Double R Property is presently under review by J. Dawson (Lucero Resources).

Supporting data must be submitted with this TECHNICAL REPORT.

	T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
Double R	38	21765 Ba	5	0.2	6.65	44	106	0.8	5	2.75	0.3	64	14	31	491	3.06	0.25	21	26	1.07	355	96	0.03	35	0.13	2	317	0.09	92	38
BABA-EAST BIK	39	12840	265	0.8	2.06	2	285	0.5	5	0.48	0.4	34	8	81	12500	4.37	0.81	16	6	0.71	162	74	0.05	20	0.07	2	21	0.15	102	41
PYRITE (SILICIFIED)	40	44089	5	0.2	0.15	28	19	0.2	5	0.02	0.2	10	4	113	101	10.92	0.05	3	1	0.02	39	1	0.02	4	0.02	2	24	0.03	13	16
CHLORITE "	41	44090	20	0.2	5.60	6	127	0.6	5	1.83	0.2	52	15	44	60	3.88	0.31	19	38	0.87	572	1	0.06	26	0.11	5	67	0.14	94	65
TUCHA-E	42	44091	5	0.2	7.22	2	718	1.6	5	0.06	0.2	52	7	14	11	3.71	2.76	33	3	0.10	24	1	0.20	3	0.10	6	573	0.04	82	13
"	43	44092	5	0.2	6.74	2	15	0.6	5	6.73	0.2	94	17	36	44	5.46	0.06	27	9	0.72	1499	1	0.23	13	0.09	2	599	0.31	172	46
"	44	44093	5	0.2	4.79	2	53	0.7	5	3.34	0.2	83	16	56	35	2.99	0.06	23	12	1.01	970	1	0.30	13	0.08	2	352	0.33	113	54
"	45	44094	5	0.2	6.34	2	784	1.8	5	0.22	0.2	55	6	15	12	2.03	2.27	30	4	0.09	56	4	0.20	4	0.15	9	650	0.05	89	10
"	46	44095	5	0.2	2.98	6	185	0.8	5	1.62	0.2	83	4	29	15	3.14	0.52	34	13	0.69	416	2	0.15	3	0.13	2	82	0.20	74	38
BABA - BABINA - BAMPTON	47	44096	5	0.2	4.24	3	66	0.5	5	3.29	0.2	67	53	26	33	7.33	0.24	25	14	1.59	526	1	0.18	25	0.12	2	617	0.50	184	49
" — "	48	44097 Ba	5	0.2	4.97	2	15	0.7	5	5.10	0.2	64	16	31	67	5.35	0.04	20	11	0.88	624	1	0.19	6	0.08	2	53	0.33	120	115
SALAHIRGEN	51	12830 Ho	15	0.2	1.92	2	374	0.4	5	0.65	0.2	37	130	110	24	9.36	0.81	17	14	0.39	474	1	0.04	13	0.07	2	35	0.13	56	69
SALAHIRGEN	53	12831	5	0.2	1.00	2	216	0.2	5	0.08	0.4	11	14	128	25	1.90	0.50	12	6	0.09	86	1	0.05	5	0.02	2	6	0.03	19	24
"	54	12832 Ho	5	12.8	5.52	12	7	0.7	5	7.92	354.6	68	74	36	2395	11.60	0.04	21	8	0.17	2961	79	0.07	14	0.03	60	257	0.25	94	46800
SIB	55	44082 Si Rock	5	0.2	3.15	37	43	0.7	5	1.64	2.5	47	14	29	43	4.97	0.39	20	42	0.74	854	2	0.12	24	0.10	2	40	0.15	92	290
"	56	44098 "	5	0.2	2.39	4	13	0.6	5	1.73	1.1	54	11	46	46	4.40	0.06	20	24	1.02	565	2	0.15	10	0.07	2	202	0.43	96	80
"	57	44099 "	5	1.0	6.24	13	532	1.3	5	0.08	0.2	33	34	57	113	4.56	2.55	25	6	0.25	64	1	0.11	22	0.05	2	56	0.06	58	31
"	58	44100 Si "	5	0.4	1.50	2	193	0.5	5	1.05	1.0	46	12	56	71	3.16	0.27	20	28	1.45	543	1	0.11	18	0.10	39	30	0.19	88	67
HOLA	59	12822 Si	5	0.2	2.83	2	279	0.8	5	3.61	1.4	67	28	104	72	6.01	0.18	28	37	2.83	1683	3	0.22	70	0.18	2	103	0.31	179	137
"	60	12823 Si	5	0.2	3.16	2	833	0.7	5	1.72	0.9	73	24	22	45	5.33	0.39	34	28	1.91	778	3	0.52	20	0.21	3	377	0.55	178	102

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: BCGENEX – 127 (HEMLC) **Geol.:** R.K. **Date received:** SEP. 06 **LAB CODE:** 9509–012
Material: 35 Silts, 20 Rx **Sheet:** 1 of 2 **Date completed:** SEP. 11
Remarks: * Sample screened @ –35 MESH (0.5 mm); ** Organic. & Hexane, $ Sulfide

As – 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 (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4$-HNO_3 (4:1) at 200 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental concens.

N.D. The major oxide elements and Ba, Be, Co, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

Ba=Babine Ho=HOLM Si=SIB Sa=Selshagen

T.T. No.	SAMPLE No.		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
BABINE	3 Silt	2177 Ba	2	0.2	5.11	2	415	0.9	5	0.50	0.2	29	11	45	27	3.44	0.71	15	29	0.57	607	1	0.15	37	0.08	9	79	0.16	95	108
	4	12824 Ho	2	0.2	4.42	2	361	1.2	5	0.76	0.5	54	14	12	65	4.03	1.28	19	22	0.94	1678	2	0.05	16	0.11	11	76	0.12	88	127
	5	12825	2	0.2	2.97	11	228	0.8	5	0.92	0.6	50	11	21	44	4.23	0.66	17	14	0.90	1197	2	0.07	13	0.09	5	69	0.22	97	120
	6	12826	2	0.2	2.33	2	141	0.6	5	1.05	0.8	49	14	69	52	3.79	0.36	18	15	1.50	946	1	0.06	42	0.10	7	62	0.25	96	118
SMALTMEEN SILTS	7	12827	2	0.2	3.29	3	347	1.0	5	0.77	0.5	40	13	14	38	4.70	0.84	16	15	1.13	1667	1	0.05	13	0.11	6	55	0.18	116	156
	8	12828	2	0.4	2.54	2	102	0.6	5	1.56	1.3	59	13	25	63	4.54	0.38	22	14	1.05	1279	1	0.06	15	0.09	14	96	0.25	107	207
	9	12829 Ho	4	0.2	2.40	3	268	0.9	5	1.24	1.6	55	12	26	53	3.52	0.36	27	13	0.83	1752	2	0.04	17	0.14	60	68	0.15	79	162
	10	44082 * Si	2	0.2	2.70	4	234	0.5	5	1.14	0.7	47	15	22	27	5.43	0.21	16	14	0.55	2047	1	0.04	12	0.15	5	38	0.10	93	89
	11	44084 *	2	0.2	2.45	4	119	0.5	5	0.97	0.2	38	9	17	25	3.52	0.29	12	12	0.58	1116	1	0.04	11	0.10	5	51	0.12	78	79
SIB SILTS	12	44085	2	0.2	3.26	6	168	0.6	5	0.82	0.2	46	12	18	26	3.69	0.39	16	18	0.58	1702	1	0.06	12	0.08	8	61	0.15	94	93
	13	44086	2	0.2	3.68	2	203	0.6	5	0.78	0.4	46	13	23	25	2.97	0.31	17	21	0.65	1358	1	0.05	14	0.11	14	54	0.17	81	122
	14	44087	2	0.2	2.77	3	136	0.7	5	1.33	0.4	56	9	21	20	4.97	0.16	25	17	0.38	2171	1	0.03	8	0.19	4	56	0.11	77	108
	15	44088	2	0.2	3.04	4	175	0.6	5	0.95	0.3	54	13	28	34	4.07	0.24	18	16	0.55	1810	1	0.05	13	0.13	8	58	0.14	97	113
	16	44188	2	0.2	3.34	8	223	0.5	5	0.85	0.2	46	11	23	152	5.47	0.64	16	15	0.77	1554	26	0.07	14	0.09	17	75	0.17	117	121
SIB SILTS	17	44189	4	0.2	3.24	8	188	0.6	5	0.74	0.3	45	11	20	169	4.04	0.53	16	17	0.74	914	17	0.07	13	0.08	23	56	0.17	101	140
	18	44190 Si	2	0.2	3.94	2	237	0.6	5	0.91	0.5	47	17	25	68	4.50	0.53	17	22	0.77	2067	6	0.05	16	0.10	17	68	0.15	111	135
	19	12812 Sa	2	0.2	3.79	2	233	0.7	5	1.39	0.2	42	13	29	21	4.10	0.42	15	18	0.94	880	1	0.06	23	0.07	4	96	0.22	105	95
	20	12814	2	0.2	3.43	2	193	0.6	5	1.00	0.3	42	14	27	27	3.76	0.35	15	24	0.73	1528	1	0.06	20	0.09	5	89	0.20	99	92
	21	12815	2	0.2	3.67	2	178	0.7	5	0.61	0.2	40	15	29	19	3.87	0.25	14	43	0.68	1452	1	0.04	20	0.12	5	54	0.17	93	120
HOLM SILT	22	12816	2	0.2	3.27	2	206	0.7	5	0.79	0.2	44	9	54	25	3.12	0.32	19	23	0.61	467	1	0.05	21	0.10	4	78	0.19	92	87
	23	12817	4	0.2	3.16	2	213	0.7	5	0.78	0.2	47	11	60	25	3.41	0.43	19	22	0.66	625	1	0.05	25	0.07	4	78	0.16	92	80
	24	12818	2	0.2	3.00	2	208	0.7	5	0.75	0.2	47	12	81	22	3.45	0.36	18	21	0.62	757	1	0.05	24	0.07	5	83	0.19	92	82
	25	12819	2	0.2	2.96	2	207	0.7	5	0.77	0.2	47	12	58	23	3.37	0.40	18	23	0.63	737	1	0.05	24	0.07	5	81	0.18	90	80
	26	12820	2	0.2	2.78	2	177	0.6	5	0.65	0.2	42	11	45	23	3.47	0.37	15	19	0.62	646	1	0.05	21	0.07	3	75	0.15	92	76
	27	12821	2	0.2	2.99	2	193	0.6	5	0.93	0.2	47	11	46	25	3.52	0.40	17	20	0.69	636	1	0.07	22	0.07	5	78	0.20	94	98
	28	44191	2	0.2	3.44	2	280	0.7	5	1.17	0.2	47	13	36	31	4.14	0.41	18	23	0.80	874	1	0.07	22	0.08	15	101	0.23	109	89
	29	44192	2	0.2	2.75	2	191	0.6	5	0.69	0.2	41	11	41	20	3.11	0.38	16	20	0.64	639	1	0.06	23	0.06	5	73	0.17	81	72
	30	44193	2	0.2	4.19	2	221	0.7	5	0.68	0.2	43	12	49	25	3.66	0.54	17	28	0.71	827	1	0.05	19	0.07	3	68	0.17	92	89
	31	44194	2	0.2	3.23	2	227	0.6	5	0.87	0.2	28	12	49	25	3.37	0.32	15	21	0.60	1368	1	0.05	19	0.06	2	81	0.18	81	82
HOLM SILT	32	44195	2	0.2	3.80	2	248	0.7	5	0.89	0.2	32	11	40	27	3.74	0.25	16	26	0.60	826	1	0.05	20	0.09	2	78	0.18	84	93
	33	44196	2	0.2	3.62	2	222	0.6	5	1.31	0.2	26	13	23	28	4.31	0.38	12	26	0.92	915	1	0.06	19	0.07	2	86	0.21	102	89
	34	44197	2	0.2	4.27	2	322	0.7	5	1.05	0.3	38	11	44	40	3.58	0.29	21	28	0.72	1238	1	0.05	25	0.10	3	76	0.16	95	87
	35	44198	2	0.2	3.95	2	256	0.7	5	1.40	0.2	30	13	29	36	3.91	0.48	15	23	0.96	706	1	0.06	25	0.07	3	115	0.22	101	91
	36	44199	2	0.2	3.43	2	224	0.7	5	0.83	0.2	26	11	32	23	3.53	0.46	14	23	0.83	518	1	0.05	27	0.07	3	60	0.19	91	92
	37 silt	44200 Sa	4	0.2	4.05	2	277	0.7	5	1.39	0.2	26	11	47	36	3.54	0.41	16	31	0.87	585	1	0.05	25	0.08	4	71	0.20	107	100

25 Si, Sa, 12

Nov 8/95

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: BCGENEX – 127 (HEMLO) **Geol.:** R.R.K. **Date received:** NOV. 08 **LAB CODE:** 9511–003
Material: 2 Silts & 19 Rx **Sheet:** 1 of 1 **Date completed:** NOV. 15
Remarks: * Sample screened @ –35 MESH (0.5 mm)
¤ Organic, & Humus, § 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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman 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.

Handwritten note	T.T. No.		SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cu ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
DEV. PLAN BASS – N. of Brule Creek	3	SILT	2201 silt	6	[illegible]	5.96	5	[illegible]	1.2	5	1.85	[illegible]	52	13	39	[illegible]	5.28	0.47	19	[illegible]	0.68	2617	[illegible]	0.08	32	0.14	[illegible]	109	0.17	111	[illegible]
" "	4	"	2202 silt	10	[illegible]	4.76	4	[illegible]	1.0	5	0.93	[illegible]	54	9	44	[illegible]	3.65	0.45	21	[illegible]	0.57	735	[illegible]	0.07	28	0.11	[illegible]	99	0.18	91	[illegible]
STATION – 77	5	Rock	2189 rx	5	[illegible]	3.21	11	[illegible]	1.2	5	3.59	[illegible]	58	12	23	[illegible]	4.19	0.86	10	[illegible]	[illegible]	670	[illegible]	0.07	7	0.20	[illegible]	1166	0.19	135	[illegible]
78	6	"	2190	5	[illegible]	4.46	(22)	[illegible]	1.6	5	5.71	[illegible]	84	21	34	[illegible]	5.48	1.35	20	[illegible]	1.56	818	[illegible]	0.06	19	0.26	[illegible]	706	0.43	233	[illegible]
82	7	"	2191	5	[illegible]	1.58	2	[illegible]	0.3	5	0.21	[illegible]	46	2	58	[illegible]	1.42	0.75	17	[illegible]	0.21	50	[illegible]	0.08	2	0.02	[illegible]	27	0.06	9	[illegible]
83	8	"	2192	5	[illegible]	0.91	6	[illegible]	0.3	5	0.85	[illegible]	47	11	48	[illegible]	2.43	0.10	17	[illegible]	0.81	314	[illegible]	0.07	10	0.11	[illegible]	29	0.11	50	[illegible]
85	9	"	2193	10	[illegible]	1.51	2	[illegible]	0.3	5	0.40	[illegible]	40	2	62	[illegible]	1.43	0.68	17	[illegible]	0.24	84	[illegible]	0.07	2	0.03	[illegible]	17	0.06	12	[illegible]
86	10	"	2194	5	[illegible]	3.85	(13)	[illegible]	1.1	5	4.85	[illegible]	95	30	46	[illegible]	6.09	1.25	36	[illegible]	3.05	879	[illegible]	0.13	38	0.24	[illegible]	294	0.43	204	[illegible]
86½	12	"	2195	10	[illegible]	3.29	(13)	[illegible]	0.8	5	3.44	[illegible]	57	28	58	[illegible]	6.36	0.75	13	[illegible]	2.94	827	[illegible]	0.13	47	0.12	[illegible]	120	0.26	187	[illegible]
87	13	"	2196	15	[illegible]	3.10	(14)	[illegible]	0.9	5	1.08	[illegible]	39	18	109	[illegible]	4.59	1.27	10	[illegible]	0.53	910	[illegible]	0.04	25	0.11	[illegible]	17	0.11	156	[illegible]
88	14	"	2197	5	[illegible]	0.20	2	[illegible]	0.2	5	0.05	[illegible]	5	1	175	[illegible]	0.44	0.05	2	[illegible]	0.11	71	[illegible]	0.01	3	0.01	[illegible]	4	0.01	13	[illegible]
89	15	"	2198	5	[illegible]	5.18	(15)	[illegible]	0.8	5	5.06	[illegible]	79	29	43	[illegible]	5.81	1.26	21	[illegible]	2.13	223	[illegible]	0.07	40	0.24	[illegible]	443	0.51	231	[illegible]
Re-Run – WHITT	17	"	2199	65	[illegible]	9.41	15	[illegible]	0.7	5	0.22	[illegible]	64	39	13	[illegible]	11.60	2.09	29	[illegible]	0.19	222	[illegible]	0.65	21	0.08	[illegible]	241	0.05	180	[illegible]
S... – Gossan	19	"	2200	5	[illegible]	4.40	29	[illegible]	0.8	5	5.88	[illegible]	69	47	149	[illegible]	6.66	0.18	16	[illegible]	6.17	938	[illegible]	0.13	163	0.21	[illegible]	170	0.32	159	[illegible]
S.K. TUFF	21	"	2203	5	[illegible]	0.87	63	[illegible]	0.2	5	0.15	[illegible]	23	2	69	[illegible]	4.57	0.26	12	[illegible]	0.16	70	[illegible]	0.07	6	0.13	[illegible]	119	0.34	96	[illegible]
CHN	22		43924	10	[illegible]	6.67	4	[illegible]	0.9	5	4.23	[illegible]	49	25	13	[illegible]	6.30	2.59	14	[illegible]	1.83	1005	[illegible]	0.06	10	0.11	[illegible]	106	0.07	196	[illegible]
"	23		43924 A	400	[illegible]	10.23	6	[illegible]	0.3	5	0.21	[illegible]	30	29	7	[illegible]	8.03	2.48	15	[illegible]	0.11	183	[illegible]	0.66	13	0.08	[illegible]	252	0.04	273	[illegible]
WHITT	25		43925	45	[illegible]	11.14	2	[illegible]	0.4	5	0.24	[illegible]	45	13	5	[illegible]	6.79	2.85	21	[illegible]	0.07	106	[illegible]	0.79	7	0.08	[illegible]	305	0.04	209	[illegible]
"	26		43927	20	0.6	7.06	29	[illegible]	0.9	5	0.09	[illegible]	68	23	12	[illegible]	8.95	2.08	31	[illegible]	1.54	642	[illegible]	0.15	7	0.07	[illegible]	25	0.07	189	[illegible]
MC	27		43939	15	[illegible]	4.17	14	[illegible]	0.4	5	3.59	[illegible]	47	20	33	[illegible]	5.67	0.19	9	[illegible]	2.52	956	[illegible]	0.14	19	0.08	[illegible]	88	0.34	185	[illegible]
MC	28		43942 rx	10	[illegible]	3.07	12	[illegible]	0.3	5	1.18	[illegible]	35	16	52	[illegible]	5.42	0.48	8	[illegible]	0.99	586	[illegible]	0.10	7	0.06	[illegible]	55	0.08	79	[illegible]

SILV BFP – R.P.

ReRuns – Done previous Min-EN-LAB

RECEIVED
P... 52
JAN 2 5 199
PROSPECTORS PROGRAM

14/11 GW RK

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT
- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 & 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name Ralph R. Keefe Reference Number 95/96 P052

LOCATION/COMMODITIES

Project Area (as listed in Part A) Holm Minfile # if applicable nil
Location of Project Area NTS 93L6/E&W Lat 54 15' Long 127 13'
Description of Location and Access - Approximately 6 km. North of Chisholm Lake.
Main Commodities Searched For Au. Ag. Epithermal & Placer

Known Mineral Occurrences in Project Area - Placer gold - Hagman's Creek.

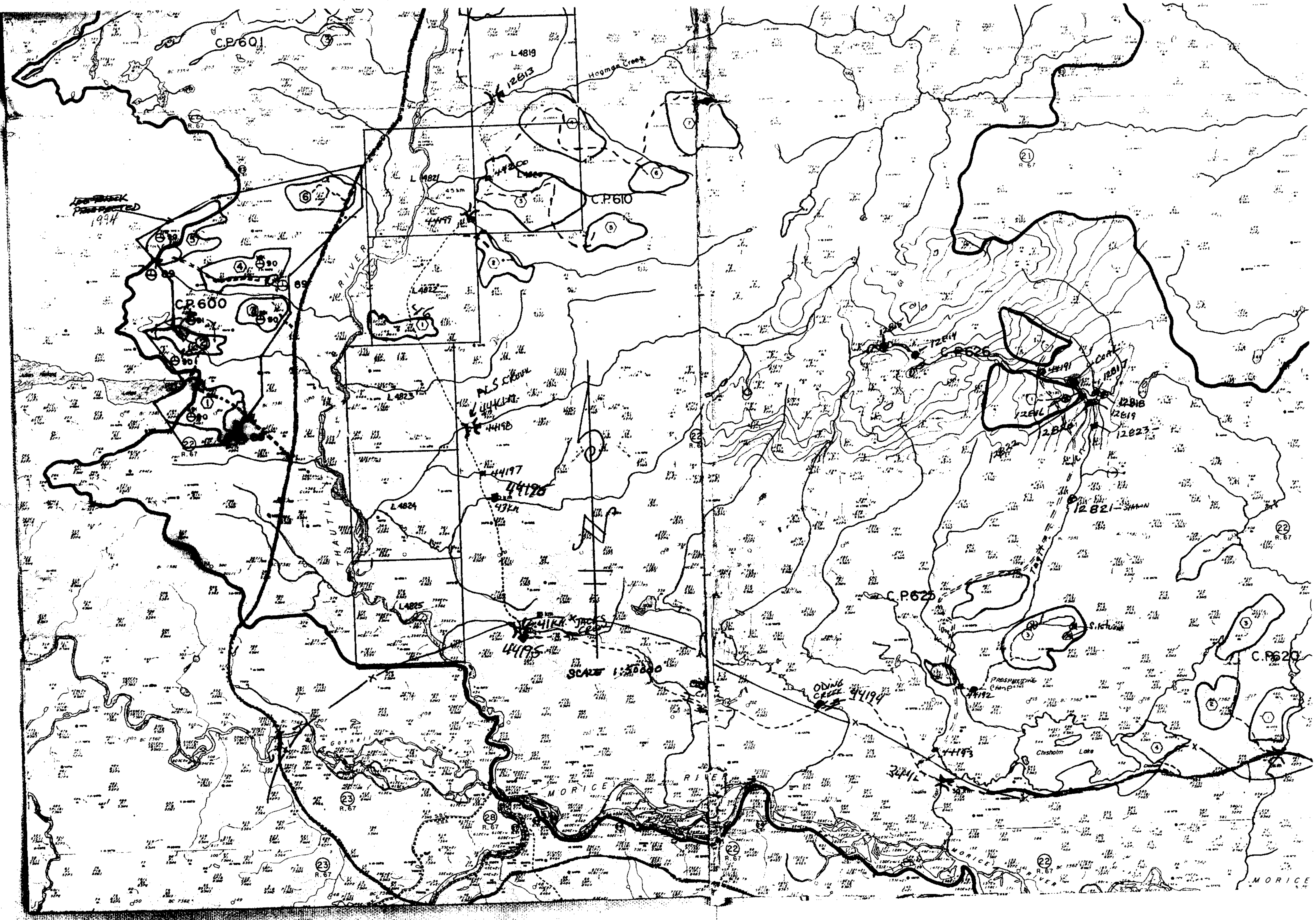
WORK PERFORMED
1. Conventional Prospecting (area) & silting of creeks. Prospecting of recent and active log blocks.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS (if any) **No Au. or Ag. but we located a 4 1/2 - 5' seam of coal.**

Commodities Coal Claim Name - nil, lease to date
Location (show on map) Lat 54 14' Long 127 13' Elevation 1060 m
Best assay/sample type - Surface sample classified as a high volatile bituminous coal believed simliar to the quality of the Telkwa Colleries.

Description of mineralization, host rocks, anomalies : Coal seam was discovered in creek and embankment while attempting to take a silt sample in heavy timber and ground foliation (devil's club).

Supporting data must be submitted with this TECHNICAL REPORT.



C.P.601
L4819
12813
Hogman Creek
L4821
L4820
44200
C.P.610
44199
PROSPECTED
1994
C.P.600
L4822
L4823
44198
44197
44196
43km
L4824
THAUTIL
RIVER
L4825
41km
JACKS CREEK
44195
SCALE 1:50000
Gosnell
MORICE
RIVER
C.P.626
44191
12817
12818
12819
12823
12821
C.P.625
C.P.620
ODING CREEK
44194
PROSPECTING CAMP
44192
44193
Chisholm Lake

Mr. R Keefe
Box 201
Francois Lake, B.C.
V0J 1R0

Re - Analysis of Grab Sample Coal, Morice River Area B.C.

Dear Ralph

Please find attached the proximate analysis of the coal sample received this summer. In brief the coal appears to fall into the rank of a high volatile (B or C) bituminous coal, with further analysis required to determine if it has metallurgical applications (coking coal). It must be noted that this coal will be partially weathered or oxidized, which may lower the quality results. If you have any further questions you can contact me at (403) 231-7100.

Yours Truly

G. Seve

LORING LABORATORIES LTD.

629 Beaverdam Road N.E. Calgary, Alberta T2K 4W7
Tel : (403) 274-2777 Fax : (403) 275-0541

TO : MANALTA COAL LTD.
ATTN : GLENN SEVE
PROJECT : FRANCOIS LAKE

FILE # : 37804
DATE : Nov 17, 95
REPORT BY : ARNO HOOGVELD

SAMPLE TYPE : RAW COAL

P.O.#

SAMPLE ID	BASIS	H2O	V.M.	ASH	F.C.	MJ/Kg
		%	%	%	%	
FRANCOIS LAKE	A.R.	2.24	22.81	26.47	48.48	23.91
	D.B.	-------	23.33	27.08	49.59	24.46
	DMMF		31.99		68.01	

VM Volatile matter
Fc Fixed Carbon
AR As received
DB Dry basis
DMMF Dry mineral matter free
MJ/kg megajoule/kg x 239 = calories/gm x 1.8 = Btu's/lb

TABLE 1 Classification of Coals by Rank[A]

Class	Group	Fixed Carbon Limits, percent (Dry, Mineral-Matter-Free Basis)		Volatile Matter Limits, percent (Dry, Mineral-Matter-Free Basis)		Calorific Value Limits, Btu per pound (Moist,[B] Mineral-Matter-Free Basis)		Agglomerating Character
		Equal or Greater Than	Less Than	Greater Than	Equal or Less Than	Equal or Greater Than	Less Than	
I. Anthracitic	1. Meta-anthracite	98	...	...	2	...	...	nonagglomerating
	2. Anthracite	92	98	2	8	...	...	
	3. Semianthracite[C]	86	92	8	14	...	...	
II. Bituminous	1. Low volatile bituminous coal	78	86	14	22	...	...	commonly agglomerating[E]
	2. Medium volatile bituminous coal	69	78	22	31	...	...	
	3. High volatile *A* bituminous coal	...	69	31	...	14 000[D]	...	
	4. High volatile *B* bituminous coal	...	...	...	...	13 000[D]	14 000	
	5. High volatile *C* bituminous coal	...	...	...	...	11 500	13 000	
						10 500	11 500	agglomerating
III. Subbituminous	1. Subbituminous *A* coal	...	...	...	...	10 500	11 500	nonagglomerating
	2. Subbituminous *B* coal	...	...	...	...	9 500	10 500	
	3. Subbituminous *C* coal	...	...	...	...	8 300	9 500	
IV. Lignitic	1. Lignite *A*	...	...	...	...	6 300	8 300	
	2. Lignite *B*	...	...	...	...	...	6 300	

[A] This classification does not apply to certain coals, as discussed in Note 1.
[B] Moist refers to coal containing its natural inherent moisture but not including visible water on the surface of the coal.
[C] If agglomerating, classify in low-volatile group of the bituminous class.
[D] Coals having 69 % or more fixed carbon on the dry, mineral-matter-free basis shall be classified according to fixed carbon, regardless of calorific value.
[E] It is recognized that there may be nonagglomerating varieties in these groups of the bituminous class, and that there are notable exceptions in high volatile *C* bituminous group.

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: BCGENEX – 127 (HEMLG) **Geol.:** R.K. **Date received:** SEP. 06 **LAB CODE:** 9509–012
Material: 35 Silts, 20 Rx **Sheet:** 1 of 2 **Date completed:** SEP. 11
Remarks: * Sample screened @ –35 MESH (0.5 mm)
= Organic, ā 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 (D.L. 5 PPB)
ICP – 0.2 g sample digested with 3 ml $HClO_4$–HNO_3 (4:1) at 260 °C for 4 hours diluted to 10 ml with water. Leeman PE3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Co, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.
Ba=Babine, Ho=HOLM, Si=SIB, Sa=Salmagen

T.T. No.	SAMPLE No.		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
5	Silt 2177	Ba	2	0.2	5.11	2	415	0.9	5	0.30	0.2	39	11	45	27	3.44	0.71	15	29	0.57	607	1	0.17	37	0.08	9	78	0.16	95	108
6	12824	Ho	2	0.2	4.42	2	361	1.2	5	0.26	0.5	54	14	12	65	4.03	1.28	19	22	0.94	1678	2	0.05	16	0.11	11	76	0.12	58	127
5	12825		2	0.2	2.97	11	228	0.8	5	0.52	0.6	50	11	21	44	4.23	0.66	17	14	0.90	1297	2	0.07	13	0.09	5	69	0.22	97	120
6	12826		2	0.2	2.33	2	111	0.6	5	1.05	0.8	49	14	69	52	3.79	0.36	18	15	1.50	946	1	0.06	42	0.10	7	63	0.25	96	118
7	12827		2	0.2	3.29	3	347	1.0	5	0.77	0.5	40	13	14	38	4.70	0.84	16	15	1.13	1667	1	0.05	13	0.11	6	95	0.18	116	156
8	12828		2	0.4	2.54	2	102	0.6	5	1.56	1.3	59	13	25	63	4.54	0.38	22	14	1.05	1279	1	0.06	15	0.09	14	96	0.29	107	207
9	12829	Mb	4	0.2	2.40	3	268	0.9	5	1.24	1.6	55	12	26	53	3.52	0.36	27	13	0.83	1752	2	0.04	17	0.14	60	68	0.19	79	162
10	44082	* Si	2	0.2	2.70	4	234	0.5	5	1.14	0.7	47	15	22	27	5.43	0.21	16	18	0.57	2047	1	0.04	12	0.15	5	38	0.16	93	84
11	44084	*	2	0.2	2.45	4	119	0.5	5	0.97	0.2	38	9	17	25	3.52	0.29	12	17	0.58	1116	1	0.04	11	0.10	5	51	0.12	78	79
12	44085		2	0.2	3.26	6	168	0.6	5	0.82	0.2	46	12	18	26	3.69	0.39	16	18	0.58	1702	1	0.06	12	0.08	8	61	0.15	94	93
13	44086		2	0.2	3.68	2	203	0.6	5	0.28	0.4	46	13	23	25	2.97	0.31	17	21	0.65	1358	1	0.05	14	0.11	14	52	0.17	81	122
14	44087		2	0.2	2.77	3	136	0.7	5	1.23	0.4	56	9	21	20	4.97	0.16	25	17	0.38	2171	1	0.03	8	0.19	4	56	0.11	77	108
15	44088		2	0.2	3.04	4	175	0.6	5	0.95	0.3	54	13	28	34	4.07	0.24	18	16	0.55	1818	1	0.05	13	0.13	8	58	0.14	87	113
16	44198		2	0.2	3.34	8	223	0.5	5	0.85	0.2	46	11	23	132	5.47	0.64	16	15	0.77	1554	26	0.07	14	0.09	17	75	0.17	117	121
17	44199		4	0.2	3.24	8	188	0.6	5	0.74	0.3	45	11	20	109	4.04	0.53	16	17	0.74	914	17	0.07	13	0.08	23	56	0.17	101	140
18	44190	Sa	2	0.2	3.94	2	237	0.6	5	0.91	0.5	47	17	25	68	4.50	0.53	17	22	0.77	2067	4	0.05	16	0.10	17	68	0.15	111	135
19	12812	Sa	2	0.2	3.79	2	233	0.7	5	1.29	0.2	42	13	29	21	4.10	0.42	15	18	0.94	880	1	0.06	23	0.07	4	96	0.23	105	95
20	12814		2	0.2	3.43	2	193	0.6	5	1.00	0.3	42	14	27	27	3.76	0.35	15	24	0.73	1528	1	0.06	20	0.09	5	89	0.20	99	92
21	12815		2	0.2	3.67	2	178	0.7	5	0.61	0.2	40	15	29	19	3.87	0.25	14	43	0.68	1452	1	0.04	20	0.12	5	54	0.17	93	120
22	12816		2	0.2	3.27	2	206	0.7	5	0.79	0.2	44	9	54	25	3.12	0.32	19	23	0.61	467	1	0.05	21	0.10	4	78	0.19	92	87
23	12817		4	0.2	3.16	2	213	0.7	5	0.78	0.2	47	11	60	25	3.41	0.43	19	22	0.66	625	1	0.05	25	0.07	4	78	0.16	92	80
24	12818		2	0.2	3.00	2	208	0.7	5	0.75	0.2	47	12	61	22	3.45	0.38	18	21	0.62	757	1	0.05	24	0.07	5	82	0.19	92	82
25	12819		2	0.2	2.96	2	207	0.7	5	0.77	0.2	47	12	58	23	3.37	0.40	18	22	0.63	737	1	0.05	24	0.07	5	81	0.18	90	80
26	12820		2	0.2	2.78	2	177	0.6	5	0.65	0.2	42	11	45	23	3.47	0.37	15	19	0.62	646	1	0.05	21	0.07	3	75	0.15	92	76
27	12821		2	0.2	2.99	2	193	0.6	5	0.93	0.2	47	11	46	25	3.52	0.40	17	20	0.69	636	1	0.07	22	0.07	5	78	0.26	94	88
28	44191		2	0.2	3.44	2	280	0.7	5	1.17	0.2	47	13	36	21	4.14	0.41	18	23	0.80	874	1	0.07	22	0.08	15	101	0.23	109	69
29	44192		2	0.2	2.75	2	191	0.6	5	0.69	0.2	41	11	41	20	3.11	0.38	16	20	0.64	639	1	0.06	23	0.06	5	72	0.17	81	72
30	44193		2	0.2	4.19	2	221	0.7	5	0.68	0.2	43	12	49	25	3.66	0.54	17	28	0.71	827	1	0.05	19	0.07	3	68	0.17	92	89
31	44194		2	0.2	3.23	2	227	0.6	5	0.87	0.2	28	12	49	25	3.37	0.32	15	21	0.60	1368	1	0.05	19	0.06	2	81	0.18	81	82
32	44195		2	0.2	3.80	2	248	0.7	5	0.89	0.2	32	11	40	27	3.74	0.25	16	26	0.60	826	1	0.05	20	0.09	2	78	0.18	84	93
33	44196		2	0.2	3.62	2	222	0.6	5	1.31	0.2	26	13	23	28	4.31	0.38	17	26	0.92	915	1	0.06	19	0.07	2	86	0.21	102	89
34	44197		2	0.2	4.27	2	322	0.7	5	1.05	0.3	38	11	44	49	3.58	0.29	21	28	0.72	1238	1	0.05	25	0.10	3	76	0.16	95	87
35	44198		2	0.2	3.95	2	256	0.7	5	1.40	0.2	30	13	29	38	3.91	0.48	15	23	0.96	706	1	0.06	25	0.07	3	115	0.22	101	91
36	44199		2	0.2	3.43	2	224	0.7	5	0.83	0.2	26	11	22	23	3.53	0.46	14	23	0.83	518	1	0.05	27	0.07	3	60	0.15	91	92
37	silt 44200	Sa	4	0.2	4.05	2	277	0.7	5	1.19	0.2	26	11	47	36	3.54	0.41	16	31	0.87	585	1	0.05	25	0.08	4	71	0.20	107	100

BABINE
SALMAGEN SILTS
SIB SILTS
SIB SILTS
H SILT
HOLM SILT

	T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
Double R	38	tx 2176 Ba	5	0.2	6.65	44	186	0.8	5	2.75	0.3	64	14	31	693	3.06	0.25	21	26	1.07	355	94	0.03	35	0.13	2	317	0.09	92	58
BABS - EAST BIR	39	12840	265	0.8	2.06	2	285	0.5	5	0.48	0.4	34	8	81	12500	4.37	0.81	16	6	0.71	162	74	0.05	20	0.07	2	21	0.15	102	41
PYRITE (SHOW)	40	44089	5	0.2	0.15	28	19	0.2	5	0.02	0.2	10	4	113	191	10.92	0.03	3	1	0.02	39	1	0.02	4	0.02	2	24	0.03	13	16
CHALCOPYRITE	41	44090	20	0.2	5.00	6	127	0.6	5	1.83	0.2	52	15	44	60	3.88	0.51	19	18	0.87	572	1	0.06	26	0.11	5	67	0.14	94	62
TUCHA - E	42	44091	5	0.2	7.22	2	718	1.6	5	0.06	0.2	52	7	14	11	3.71	2.76	33	3	0.10	24	1	0.20	3	0.10	6	573	0.04	82	13
"	43	44092	5	0.2	6.74	2	15	0.6	5	6.73	0.2	94	17	36	44	5.46	0.06	27	9	0.72	1499	1	0.23	13	0.09	2	599	0.31	172	66
"	44	44093	5	0.2	4.79	2	33	0.7	5	3.34	0.2	83	16	56	35	2.99	0.06	23	12	1.01	970	1	0.50	13	0.08	2	352	0.33	113	54
"	45	44094	5	0.2	6.34	2	788	1.8	5	0.22	0.2	55	6	15	12	2.03	2.27	30	4	0.89	56	4	0.20	4	0.15	9	650	0.05	89	10
"	46	44095	5	0.2	2.98	6	185	0.8	5	1.62	0.2	83	4	29	15	3.14	0.52	34	15	0.69	416	2	0.15	3	0.13	2	82	0.20	74	38
BABS - BABINA - RAMPLE	47	44096	5	0.2	4.24	3	66	0.5	5	3.29	0.2	67	53	26	33	7.33	0.24	25	14	1.59	526	1	0.18	25	0.12	2	617	0.50	184	49
" — " "	48	44097 Ba	5	0.2	4.97	2	15	0.7	5	5.10	0.2	64	16	31	67	5.35	0.04	20	11	0.88	624	1	0.19	6	0.08	2	53	0.33	120	115
SALMIAGEN	51	12830 Ho	15	0.2	1.92	2	374	0.4	5	0.65	0.2	37	130	110	24	9.36	0.81	17	14	0.39	474	1	0.04	13	0.07	2	35	0.13	56	69
SALMIAGEN	53	12831	5	0.2	1.00	2	226	0.2	5	0.08	0.4	11	14	128	25	1.90	0.50	12	6	0.09	86	1	0.05	5	0.02	2	6	0.03	19	24
"	54	12832 Ho	5	12.6	5.52	12	7	0.7	5	7.92	354.6	68	74	36	2595	11.60	0.04	21	8	0.17	2961	79	0.07	14	0.03	60	257	0.25	94	46000
SIB	55	44082 Si Rock	5	0.2	3.15	37	43	0.7	5	1.64	2.5	47	14	29	43	4.97	0.39	20	42	0.74	854	2	0.12	24	0.10	2	40	0.15	92	290
"	56	44098 "	5	0.2	2.39	4	13	0.6	5	1.73	1.1	54	11	46	46	4.40	0.06	20	24	1.02	565	2	0.15	10	0.07	2	202	0.43	96	80
"	57	44099 "	5	1.0	6.24	13	532	1.3	5	0.08	0.2	33	34	57	113	4.36	2.55	25	6	0.25	64	1	0.11	22	0.05	2	56	0.06	58	31
"	58	44100 Si "	5	0.4	1.50	2	193	0.5	5	1.05	1.0	46	12	56	71	3.16	0.27	20	28	1.45	543	1	0.11	18	0.10	30	30	0.19	88	87
MOLY	59	12822 Sn	5	0.2	2.83	2	279	0.8	5	3.61	1.4	67	28	104	72	6.01	0.18	28	37	2.83	1053	3	0.22	70	0.18	2	103	0.31	179	117
"	60	tx 12823 Sn	5	0.2	3.16	2	833	0.7	5	1.72	0.9	73	24	22	45	5.33	0.39	34	28	1.91	778	3	0.52	20	0.21	3	377	0.55	178	102

Copy only

January 18/96.

Box 201
Francois Lake, B.C.
V0J 1R0

Manalta Coal Ltd.
Box 2880
Calgary, Alberta
T2P 2M7

Attn: Terry Brizzoni (Pres)

Re: Coal Discovery - South of Houston, B.C.

I am writing this letter in response to my recent phone call with you, as well as conversations with K. Stone & B. Ryan within the Ministry of Energy & Mines in Victoria.

First off, thank you for your response and assistance to-date.

1) I am in the process of applying for a coal licence as suggested by Kim Stone. Fee being $25.00.

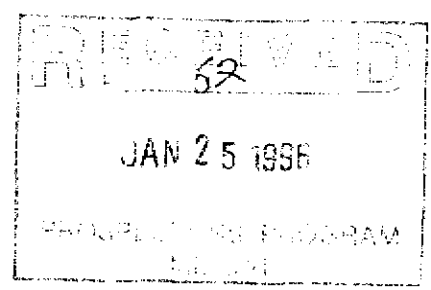
2) The Ministry of Mines advise me that I must have some tenure (lease) prior to any development work (trenching, backhoe or cat) or drilling can be done to properly evaluate. Use of handtools is permitted without tenure.

3) My suggestion (only) to you at this date would be somewhat along the following lines. For the rights of first look at the property for option purposes would you consider the following;

   a) Confidentiality agreement for 2 years - I believe you have such, or I could possibly send you one which could be modified.

   b) Assist me with the coverage cost of the minimum hectares involved to cover the area in order to make the evaluation of the discovery possible. The cost per hectare is 7.00. I believe the minimum size is about 259 hectares. Area of influence around same would be 2 or 3 km.

   c) Some sort of minimal re-imbursment up front to help with costs to date as well as a little good faith. We should retain a royalty interest in the event that the discovery should be economical.



d) An advanced royalty clause down the road, say commencing ~~the~~ 2001. The area has just recently been opened up by new logging development. A main haul road passes within 100 m of the discovery site. Further prospecting of the area for additional seams can be made this coming summer.

These are some of the ideas that I have thought of. Your suggestions are more than welcome.

Please review and contact me at your earliest convenience. Hopefully we can put something together before this summer, in order that the discovery can be examined and evaluated. I am familiar with mineral claim options, but I have never dealt with any form of lease agreements.

Your assistance would be very much appreciated. I do prospecting in the summer months. This past 2 years I have had assistance through the B.C. Prospector's Grant. My partner S. Turford and I made the discovery in the late summer of 1995.

Again, thank you for all your help so far. We look forward to hearing from you favourably before spring.

Sincerely,

R.R. Keefe
A.Sc.T.

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT
- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 & 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see sectin 16) required with this TECHNICAL REPORT.

Name Ralph R. Keefe Reference Number 95/96 PO52

LOCATION/COMMODITIES
Project Area (as listed in Part A) TETE Minfile # if applicable nil
Location of Project Area NTS 93M 1/E Lat 55 15' Long 126 11'
Description of Location and Access 7 km S.E. of East end of Nakinilerak Lk.

Main Commodities Searched For Au, Cu, Porphyty

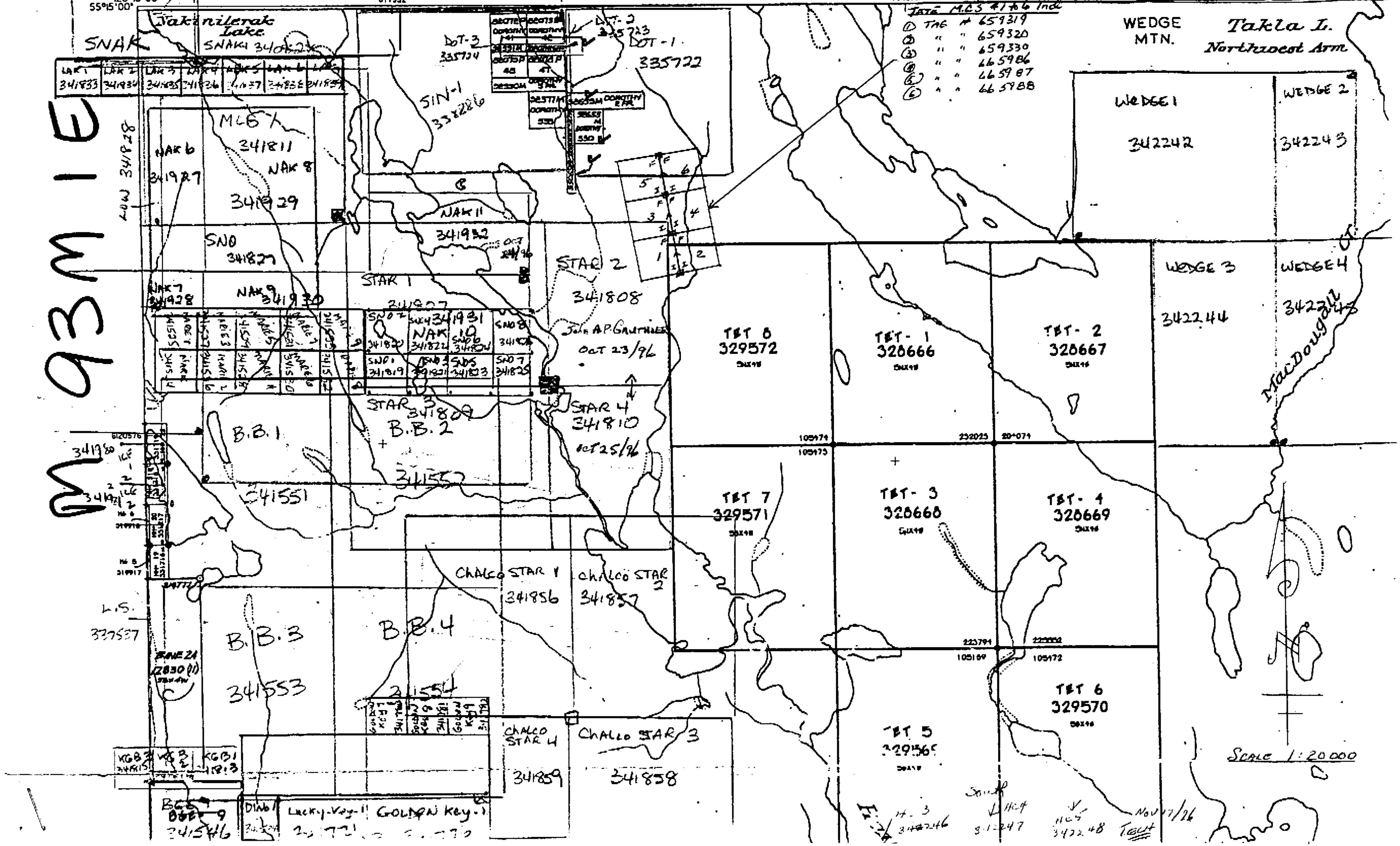
Known Minerial Occurrences in Project Area - to N. Dot & Nak mineral claims.

WORK PERFORMED
1. Conventional Prospecting (area)
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS (if any) nil
Commodities Claim Name
Location (show on map) Lat Long Elevation
Best assay/sample type

Descrition of mineralization, host rocks, anomalies - Recent road construction between (2) existing staking blocks has exposed tuff float with visible chalcoprite & bornite in addition to Babine Feldspar porphyry which was barren. Soils along road were heavily oxidized (red) for approx 150 metres. No assays were taken to-date because of the necessity of properly locating of existing mineral claims.

Supporting data must be submitted with this TECHNICAL REPORT.



93M 1E
55°15'00"
Takenilerak Lake
SNAK
SNAK 1
LAK 1
LAK 2
LAK 3
341833
341834
DOT-3
335724
DOT-2
335723
DOT-1
335722
SIN-1
338286
MLG 7
341811
NAK 6
NAK 8
341929
NAK 11
341932
SNO
341827
NAK 7
341928
NAK 9
341930
STAR 1
STAR 2
341808
STAR 3
341809
STAR 4
341810
B.B.1
B.B.2
341552
341551
B.B.3
341553
B.B.4
CHALCO STAR 1
341856
CHALCO STAR 2
341857
CHALCO STAR 3
341858
CHALCO STAR 4
341859
Lucky-Key-1
GOLDEN Key-1
L.S.
337537
WEDGE MTN.
Takla L.
Northwest Arm
WEDGE 1
342242
WEDGE 2
342243
WEDGE 3
342244
WEDGE 4
TET 8
329572
TET-1
328666
TET-2
328667
TET 7
329571
TET-3
328668
TET-4
328669
TET 6
329570
TET 5
MacDougall
Oct 23/96
Oct 25/96
Nov 17/96
SCALE 1:20 000

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT
- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 & 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name Ralph R Keefe Reference Number 95/96 P052

LOCATION/COMMODITIES

Project Area (as listed in Part A) Sib Minfile # if applicable nil
Location of Project Area NTS 93E,93K,93L,93M Lat 53 & 56 Long 124 15'& 128
Description of Location and Access - Approx 100km - Houston Forest Products. Main haul road or Tahtsa - Huckleberry- Alcan Road.

Main Commodities Searched For Cu. & Au. Ag.

Known Mineral Occurrences in Project Area - Huckleberry Mine 6 km S.W.

WORK PERFORMED
1. Conventional Prospecting (area) & silting of creeks.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS (if any) **None highly significant.**
Commodities Claim Name
Location (show on map) Lat Long Elevation
Best assay/sample type

Description of mineralization, host rocks, anomalies : Host rocks predominantly sedimentary with some volcanic present. Elevated Cu. silts plus one rock sample #44099 East of the mouth of Whitting Creek and Tahtsa Reach. Back ground level of zinc in general area appears slightly above normal. Follow up prospecting to be done upon construction of proposed road - 1996/97. Shown on covering map.

Supporting data must be submitted with this TECHNICAL REPORT.

TWAKILE LAKE

SIBOLA CREEK

TANTSA

SCALE 1:50000

C.P. 199

C.P. 156

C.P. 128

C.P. 127

C.P. 126

C.P. 037

C.P. 046

C.P. 120 - 2

199-3

199-4

199-6

199-7

156-8

156-10

156-11

156-12

156-13

156-14

156-5

144-1

120-3

037-1

037-9

037-8

123-10

123-12

121-4

046-7

046-6

046-5

046-4

420

422 S/CCR

419

421

418

415

416

414

413

408

409

410

411

425-1

425-2

425-3

425-4

425-5

TANTSA REACH

HFP BARGE

HAZELTON FOREST PRODUCTS

126°52'30"

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: BCGENEX – 127 (HEMLO) **Geol.:** R.K. **Date received:** SEP. 06 **LAB CODE:** 9509–012
Material: 35 Silts, 20 Rx **Sheet:** 1 of 2 **Date completed:** SEP. 11
Remarks: * Sample screened @ –35 MESH (0.5 mm) ; = Organic & Humus, $ 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 PB)

ICP – 0.2 g sample digested with 3 ml $HClO_4$-HNO_3 (4:1) at 200 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elements concerns.
N.B. The majority of elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.
Ba=Babine Hb=HOLM Se=SIB Se=Selahaven

T.T. No.	SAMPLE No.		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
3	Silt 2177	Ba	2	0.2	5.11	2	415	0.9	5	0.50	0.2	39	11	45	27	3.44	0.71	15	29	0.57	607	1	0.13	37	0.08	9	78	0.16	95	108
4	12824	Hb	2	0.2	4.42	2	361	1.2	5	0.76	0.5	54	14	12	65	4.03	1.28	19	22	0.94	1678	2	0.05	16	0.11	11	76	0.12	58	127
5	12825		2	0.2	2.97	11	228	0.8	5	0.92	0.6	50	11	21	44	4.23	0.66	17	14	0.90	1197	2	0.07	13	0.09	5	69	0.22	97	120
6	12826		2	0.2	2.33	2	111	0.6	5	1.05	0.8	49	14	69	52	3.79	0.36	18	15	1.50	946	1	0.06	42	0.10	7	63	0.25	96	118
7	12827		2	0.2	3.29	3	347	1.0	5	0.77	0.5	40	13	14	38	4.70	0.84	16	15	1.13	1667	1	0.05	13	0.11	6	95	0.18	116	136
8	12828		2	0.4	2.54	2	102	0.6	5	1.56	1.3	59	13	25	63	4.54	0.38	22	14	1.05	1279	1	0.06	15	0.09	14	96	0.25	107	207
9	12829	Hb	4	0.2	2.40	3	268	0.9	5	1.24	1.6	55	12	26	53	3.52	0.36	27	13	0.83	1752	2	0.04	17	0.14	60	68	0.15	79	162
10	44082	* Si	2	0.2	2.70	4	224	0.5	5	1.14	0.7	47	15	22	27	5.43	0.21	16	14	0.51	2047	1	0.04	12	0.15	5	38	0.10	93	64
11	44084	*	2	0.2	2.45	4	119	0.5	5	0.97	0.2	38	9	17	25	3.52	0.29	12	12	0.58	1136	1	0.04	11	0.10	5	51	0.12	78	79
12	44085		2	0.2	3.26	6	168	0.6	5	0.82	0.2	46	12	18	26	3.69	0.39	16	18	0.58	1702	1	0.06	12	0.08	8	61	0.13	94	93
13	44086		2	0.2	3.68	2	203	0.6	5	0.78	0.4	46	13	23	25	2.97	0.31	17	21	0.61	1358	1	0.05	14	0.11	14	52	0.17	81	122
14	44087		2	0.2	2.77	3	136	0.7	5	1.33	0.4	56	9	21	20	4.97	0.16	23	17	0.38	2171	1	0.03	8	0.19	4	56	0.11	77	108
15	44088		2	0.2	3.04	4	175	0.6	5	0.95	0.3	54	13	28	34	4.07	0.24	18	16	0.55	1810	1	0.05	13	0.13	8	58	0.14	87	113
16	44198		2	0.2	3.34	8	223	0.5	5	0.85	0.2	46	11	23	152	5.47	0.64	16	15	0.77	1554	26	0.07	14	0.09	17	75	0.17	117	151
17	44199		4	0.2	3.24	8	188	0.6	5	0.74	0.3	45	11	20	109	4.04	0.53	16	17	0.74	914	17	0.07	13	0.08	23	56	0.13	101	140
18	44190	Si	2	0.2	3.94	2	237	0.6	5	0.91	0.5	47	17	25	68	4.50	0.53	17	22	0.77	2067	6	0.05	16	0.10	17	68	0.15	111	135
19	12812	Sa	2	0.2	3.79	2	233	0.7	5	1.39	0.2	42	13	29	31	4.10	0.42	15	18	0.94	880	1	0.06	23	0.07	4	96	0.22	105	95
20	12814		2	0.2	3.43	2	193	0.6	5	1.09	0.3	42	14	27	27	3.76	0.35	15	24	0.73	1528	1	0.06	20	0.09	5	89	0.20	99	92
21	12815		2	0.2	3.67	2	178	0.7	5	0.61	0.2	40	15	29	29	3.87	0.25	14	43	0.68	1452	1	0.04	20	0.12	5	54	0.17	93	120
22	12816		2	0.2	3.27	2	206	0.7	5	0.79	0.2	44	9	54	25	3.12	0.32	19	23	0.61	467	1	0.05	21	0.10	4	78	0.19	92	87
23	12817		4	0.2	3.16	2	213	0.7	5	0.78	0.2	47	11	60	25	3.41	0.43	19	22	0.66	625	1	0.05	25	0.07	4	78	0.16	92	80
24	12818		2	0.2	3.00	2	208	0.7	5	0.75	0.2	47	12	61	22	3.45	0.38	18	21	0.62	757	1	0.05	24	0.07	5	80	0.19	92	82
25	12819		2	0.2	2.96	2	207	0.7	5	0.77	0.2	47	12	58	23	3.37	0.40	18	22	0.63	737	1	0.05	24	0.07	5	81	0.18	90	80
26	12820		2	0.2	2.78	2	177	0.6	5	0.65	0.2	42	11	45	23	3.47	0.37	15	19	0.62	646	1	0.05	21	0.07	3	75	0.19	92	86
27	12821		2	0.2	2.99	2	193	0.6	5	0.93	0.2	47	11	46	25	3.52	0.40	17	20	0.69	636	1	0.07	22	0.07	5	78	0.20	94	88
28	44191		2	0.2	3.44	2	200	0.7	5	1.17	0.2	47	13	36	23	4.14	0.41	18	23	0.80	874	1	0.07	22	0.08	15	101	0.23	109	69
29	44192		2	0.2	2.75	2	191	0.6	5	0.69	0.2	41	11	41	20	3.11	0.38	16	20	0.64	639	1	0.06	23	0.06	5	72	0.17	81	72
30	44193		2	0.2	4.19	2	222	0.7	5	0.68	0.2	43	12	49	25	3.66	0.54	17	28	0.71	827	1	0.05	19	0.07	3	68	0.17	92	89
31	44194		2	0.2	3.23	2	227	0.6	5	0.67	0.2	28	12	49	25	3.37	0.30	13	21	0.60	1368	1	0.05	19	0.06	2	81	0.18	81	82
32	44195		2	0.2	3.80	2	248	0.7	5	0.89	0.2	32	11	40	27	3.74	0.25	16	26	0.60	826	1	0.05	20	0.09	2	78	0.18	84	93
33	44196		2	0.2	3.62	2	222	0.6	5	1.31	0.2	26	13	23	28	4.31	0.38	12	26	0.92	915	1	0.06	19	0.07	2	84	0.21	102	89
34	44197		2	0.2	4.27	2	322	0.7	5	1.05	0.3	38	11	44	40	3.58	0.29	21	28	0.72	1238	1	0.05	25	0.10	3	76	0.18	95	87
35	44198		2	0.2	3.95	2	256	0.7	5	1.40	0.2	30	13	29	36	3.91	0.48	15	23	0.96	706	1	0.06	25	0.07	3	115	0.22	101	91
36	44199		2	0.2	3.43	2	224	0.7	5	0.83	0.2	26	11	22	23	3.53	0.46	14	23	0.83	518	1	0.05	27	0.07	3	66	0.19	91	91
37	silt 44200	Sa	4	0.2	4.65	2	277	0.7	5	1.19	0.2	26	11	47	36	3.54	0.41	16	31	0.87	585	1	0.05	25	0.08	4	71	0.20	103	100

BABINE — SAHANAGEN SILTS — SIB SILTS — SIB SILTS — Hb SILT — HOLM SILT

	T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
Double R —	38	cx 2176 Ba	5	0.2	6.65	44	186	0.8	5	2.75	0.3	64	14	31	691	3.06	0.25	21	26	1.07	355	94	0.03	35	0.13	2	317	0.09	92	58
ANAS - EAST BIK —	39	12840	265	0.8	2.06	2	285	0.5	5	0.48	0.4	34	8	81	12500	4.37	0.81	16	6	0.71	162	74	0.05	20	0.07	2	21	0.15	102	41
PYRITE (SHAWN) —	40	44089	5	0.2	0.15	28	19	0.2	5	0.02	0.2	10	4	113	361	10.92	0.05	3	1	0.02	39	1	0.02	4	0.02	2	24	0.03	13	16
CHOLULTA —	41	44090	20	0.2	5.80	6	127	0.6	5	1.83	0.2	52	15	44	60	3.88	0.51	19	18	0.87	572	1	0.06	26	0.11	3	67	0.14	94	65
FOCHA - E —	42	44091	5	0.2	7.22	2	718	1.6	5	0.06	0.2	52	7	14	11	3.71	2.76	33	3	0.30	24	1	0.20	3	0.10	6	573	0.04	82	13
"	43	44092	5	0.2	6.74	2	13	0.6	5	6.73	0.2	94	17	36	44	5.46	0.06	27	9	0.72	1499	1	0.23	13	0.09	2	599	0.31	172	46
"	44	44093	5	0.2	4.79	2	33	0.7	5	3.34	0.2	83	16	56	95	2.99	0.06	23	12	1.01	970	1	0.50	13	0.08	2	352	0.33	113	54
"	45	44094	5	0.2	6.34	2	784	1.8	5	0.22	0.2	55	6	15	12	2.03	2.27	30	4	0.89	56	4	0.20	4	0.15	9	650	0.05	89	10
ANAS - BABINO - RAMP CC —	46	44095	5	0.2	2.98	6	185	0.8	5	1.62	0.2	83	4	29	15	3.14	0.52	34	15	0.69	416	2	0.15	3	0.13	2	82	0.20	74	38
" — " "	47	44096	5	0.2	4.24	3	66	0.5	5	3.29	0.2	67	53	26	38	7.33	0.24	25	14	1.59	526	1	0.18	25	0.12	2	617	0.59	184	49
SALAMANCA —	48	44097 Ba	5	0.2	4.97	2	15	0.7	5	5.10	0.2	64	16	31	67	5.35	0.04	20	11	0.88	624	1	0.19	6	0.08	2	53	0.33	120	125
SALAMANCA —	51	12830 Ho	15	0.2	1.92	2	374	0.4	5	0.65	0.2	37	130	110	24	9.36	0.81	17	14	0.39	474	1	0.04	13	0.07	2	35	0.13	56	69
" —	53	12831	5	0.2	1.00	2	226	0.2	5	0.08	0.4	11	14	128	25	1.90	0.50	12	6	0.09	86	1	0.05	5	0.02	2	6	0.03	19	24
" —	54	12832 Ho	5	12.4	5.52	12	7	0.7	5	7.92	354.6	68	74	36	2395	11.60	0.04	21	8	0.17	2961	79	0.07	14	0.03	60	257	0.25	94	46000
SIB —	55	44082 Si Rock	5	0.2	3.15	37	43	0.7	5	1.64	2.5	47	14	29	43	4.97	0.39	20	42	0.74	854	2	0.12	24	0.10	2	40	0.15	92	290
"	56	44098 "	5	0.2	2.39	4	13	0.6	5	1.73	1.1	54	11	46	46	4.40	0.06	20	24	1.02	565	2	0.15	10	0.07	2	202	0.43	96	80
" —	57	44099 "	5	1.0	6.24	13	532	1.3	5	0.08	0.2	33	34	57	113	4.36	2.55	25	6	0.25	64	1	0.11	22	0.05	2	56	0.86	58	31
ANOLA —	58	44100 Si "	5	0.4	1.50	2	193	0.5	5	1.05	1.0	46	12	56	71	3.16	0.27	20	28	1.45	543	1	0.11	18	0.10	30	30	0.19	88	87
"	59	12822 Sa	5	0.2	2.83	2	279	0.8	5	3.61	1.4	67	28	104	72	6.01	0.18	28	37	2.83	1053	3	0.22	70	0.18	2	103	0.31	179	137
	60	cx 12823 Sa	5	0.2	3.16	2	833	0.7	5	1.72	0.9	73	24	22	45	5.33	0.39	34	28	1.91	778	3	0.52	20	0.21	3	377	0.55	178	102

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT
- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 & 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name Ralph R. Keefe Reference Number 95/96 P052

LOCATION/COMMODITIES

Project Area (as listed in Part A) Bine Minfile # if applicable nil
Location of Project Area NTS 93M 8/W Lat 55 25' Long 115 20'
Description of Location and Access - Houston Forest Products are presently constructing an all weather road into ajoining area.

Main Commodities Searched For Porphyry Cu.

Known Mineral Occurrences in Project Area - Trail peak - Cu. to S.E.

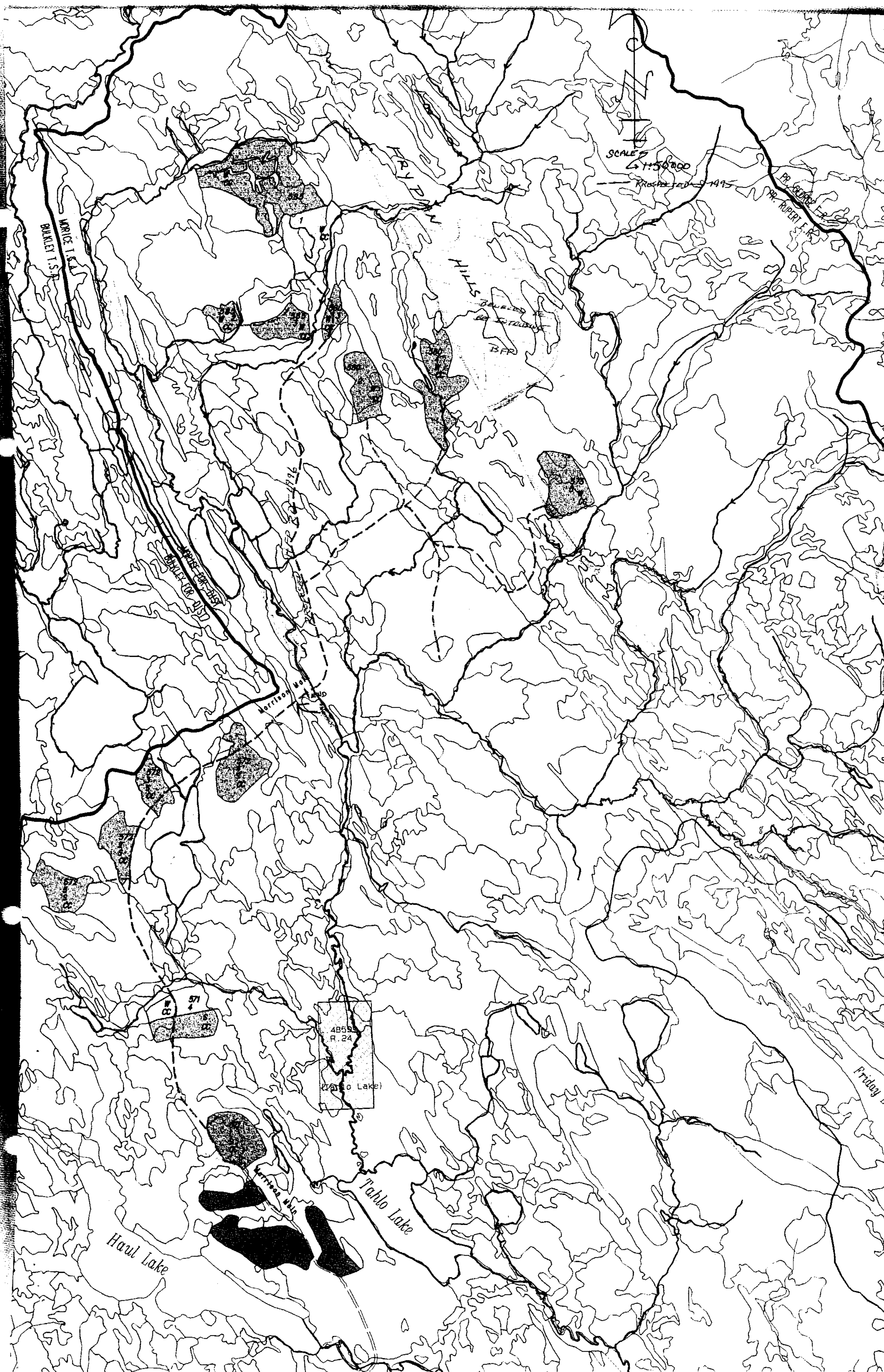
WORK PERFORMED
1. Conventional Prospecting (area) & silting of creeks.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS (if any) **nil**

Commodities Claim Name
Location (show on map) Lat Long Elevation
Best assay/sample type

Description of mineralization, host rocks, anomalies : 8 1/2 km of new road construction (Morrison Main) prospected from end of existing haul road - km 31 1/2. No bed rock observed and no creeks crossed. Additional road building was carried out late in the fall of 1995. Further follow up to be done during 96. Delay of project was due to the locating of road access into area versus the high helicopter cost.

Supporting data must be submitted with this TECHNICAL REPORT.



MORICE T.S.A.
BULKLEY T.S.A.
MORICE FOR. DIST.
BULKLEY FOR. DIST.
PR. GEORGE F.R.
PR. RUPERT F.R.
FRY PAN
HILLS
Morrison Main
Tahlo Lake
Haul Lake

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT
- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 & 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this *TECHNICAL REPORT*.

Name Ralph R Keefe Reference Number 95/96 P052

LOCATION/COMMODITIES

Project Area (as listed in Part A) Tahlo Minfile # if applicable 0
Location of Project Area *NTS* 93M 8/w Lat 55 20' Long 115 20'
Description of Location and Access - 6 Km east of Km 31 Houston Forest Products. Morrison Main Haul Road.

Main Commodities Searched For Cu. & Au. B.F. Porphyry

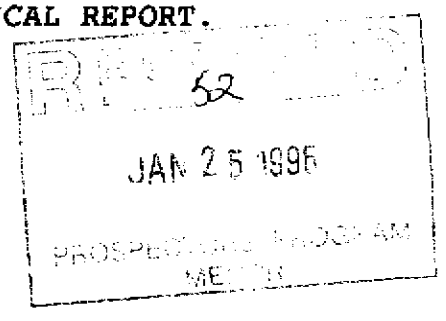
Known Mineral Occurrences in Project Area - Located in the Northerly porphyry belt of the Bell & Morrison Cu. deposits.

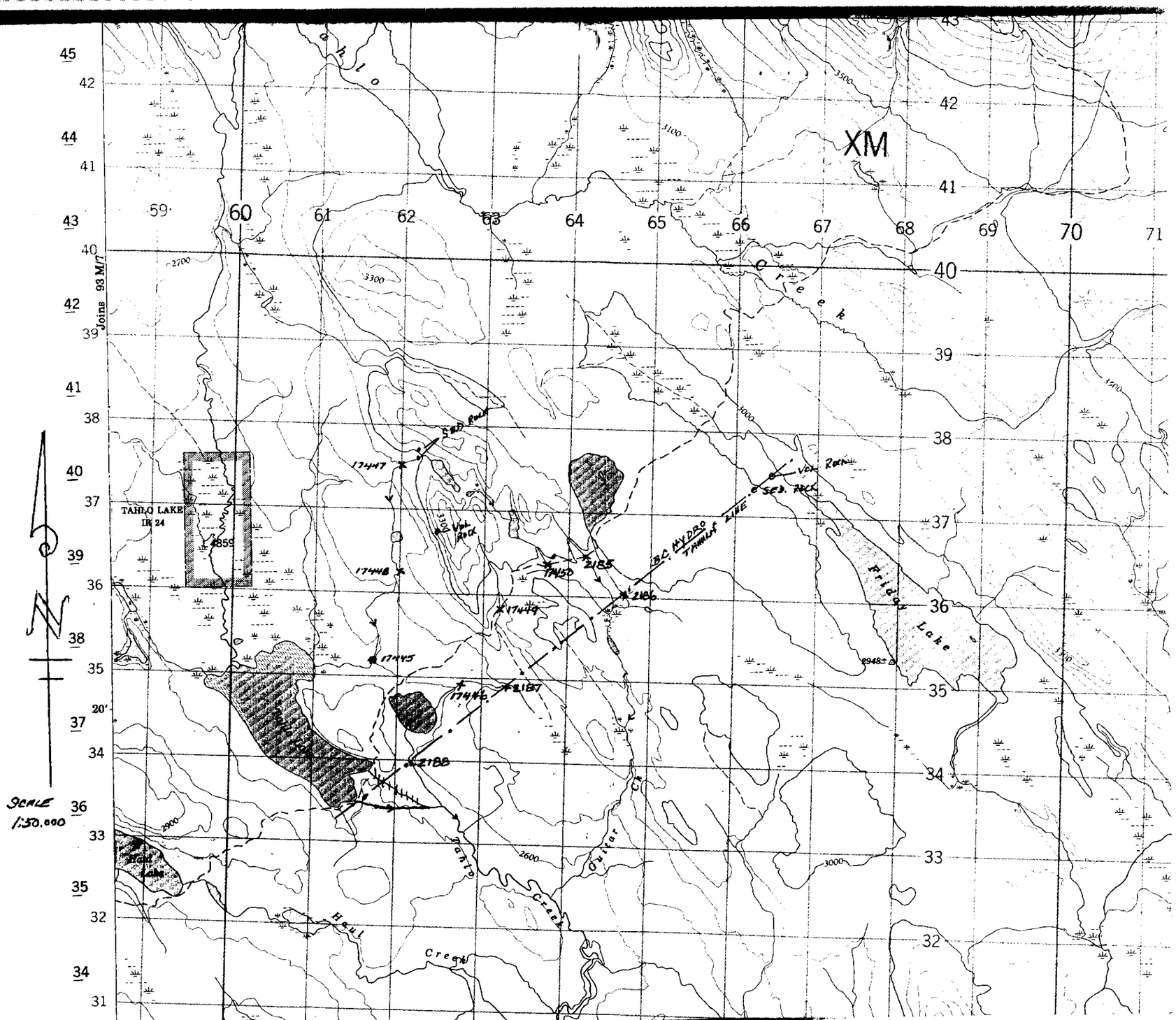
WORK PERFORMED
1. Conventional Prospecting (area) & silting of creeks.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS (if any) **No significant Cu. or Au. values indicated.**
Commodities Claim Name
Location (show on map) Lat Long Elevation
Best assay/sample type

Description of mineralization, host rocks, anomalies : Majority of host rocks found in place were either sedimentary or volcanic in origin. A high background of zinc has been noted. No elevated Cu. assays could be found that may have been related to Noranda's findings on the alpha #2 (1969). Property is now staked by Tech Corp. Staking believed to be related to a wide spread airborne survey.

Supporting data must be submitted with this *TECHNICAL REPORT*.




XM
TAHLO LAKE
IR 24
4859
17447
17448
17449
17445
17446
2185
2186
2187
2188
B.C. HYDRO TRANSM'S LINE
Vol. Rock
Sed. Rock
Tahlo Creek
Hazel Creek
Lake
Joins 93 M/7
SCALE
1:50,000

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: BC GENEX – 127 (HEMLO) **Geol.:** R.K. (G, B.) **Date received:** SEP. 05 **LAB CODE:** 9509-032
Material: 18 Silts, 44 Rx **Sheet:** 1 of 2 **Date completed:** SEP. 28 R #?
Remarks: * Sample screened @ –35 MESH (0.5 mm)
Organic, Δ 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 $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman 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.	SAMPLE No.		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
–		17432	silt NIC	5	0.2	5.00	6	106	0.6	5	2.12	0.4	44	27	54	64	5.54	0.33	14	19	4.16	870	1	0.03	82	0.12	2	203	0.69	157	67
4		17433		68	0.2	2.73	11	142	0.4	5	1.73	0.2	63	19	49	48	4.99	0.36	21	12	1.60	866	1	0.10	41	0.12	2	102	0.51	121	56
5		17434	NIC	8	0.2	2.74	10	149	0.4	5	1.61	0.3	60	16	32	46	3.84	0.42	20	13	1.57	653	3	0.12	41	0.12	2	86	0.42	97	59
6		17435	*CLIN	4	0.2	1.99	7	126	0.4	5	1.98	0.3	39	10	14	32	2.58	0.19	11	7	0.67	561	1	0.05	9	0.15	2	111	0.20	61	40
7		17436	CLIN	4	0.2	2.58	6	141	0.4	5	2.03	0.2	40	16	19	63	3.52	0.26	12	11	1.22	670	1	0.09	15	0.16	2	116	0.28	93	58
8		17437	CLIN	5	0.2	3.42	6	142	0.5	5	1.65	0.2	42	16	20	43	4.21	0.33	12	11	1.28	758	1	0.09	21	0.10	2	108	0.31	113	63
9		17443	NAT	5	0.2	2.86	8	225	0.6	5	1.50	0.4	39	8	43	54	3.14	0.27	16	14	0.43	576	1	0.05	18	0.10	2	78	0.19	80	84
10		17444	NAT	5	0.2	2.61	8	208	0.6	5	1.04	0.3	41	10	52	36	3.39	0.31	15	12	0.49	600	1	0.05	18	0.07	3	64	0.21	92	72
11		2185	TAHL	5	0.2	4.25	12	504	0.8	5	0.48	0.6	40	12	44	27	6.02	0.47	15	19	0.50	2173	1	0.05	28	0.12	6	65	0.17	92	117
12		2186	"	5	0.2	3.19	16	398	0.6	5	0.51	1.1	44	14	40	20	3.81	0.30	14	15	0.36	3022	1	0.05	23	0.09	4	65	0.13	72	120
13		2187	"	5	0.2	2.19	15	439	0.5	5	1.65	1.1	44	8	28	26	3.41	0.20	13	16	0.35	2452	1	0.03	20	0.12	3	93	0.10	52	122
14		2188	"	5	0.2	3.16	17	619	0.6	5	0.85	1.3	47	13	22	18	3.94	0.35	14	22	0.44	4695	1	0.06	24	0.09	5	76	0.11	71	134
15		17445	"	5	0.2	3.49	16	356	0.6	5	0.83	1.0	52	12	32	20	3.15	0.39	16	31	0.46	1319	1	0.06	28	0.08	6	78	0.13	74	97
16		17446	"	10	0.2	2.99	18	424	0.6	5	1.50	1.3	53	9	34	27	4.07	0.28	15	18	0.44	1132	1	0.05	24	0.11	6	104	0.12	64	94
17		17447	"	4	0.2	2.93	19	304	0.6	5	1.10	1.4	52	12	38	27	3.11	0.38	15	19	0.46	1792	1	0.05	25	0.10	11	83	0.13	78	135
18		17448	"	5	0.2	3.15	20	386	0.6	5	0.85	1.0	46	12	45	22	2.74	0.31	15	28	0.42	1824	1	0.05	26	0.08	8	76	0.14	72	94
19		17449	"	5	0.2	2.58	25	482	0.6	5	1.15	1.9	44	10	29	24	2.83	0.26	14	20	0.42	2622	1	0.04	25	0.09	7	91	0.11	64	164
20		17450	silt TAHL	5	0.2	3.38	23	411	0.7	5	0.69	1.2	44	14	33	29	3.58	0.36	15	19	0.47	1797	1	0.05	25	0.10	14	62	0.13	84	146
	Rock	17401	rx NIC	5	0.2	4.95	13	626	0.9	6	3.29	1.5	68	34	86	203	5.74	2.02	15	14	3.14	1137	5	0.06	91	0.12	9	112	0.42	252	177
–	"	17402	"	5	0.2	4.95	16	287	0.9	5	5.09	0.4	71	23	42	168	4.42	1.57	11	8	0.87	615	2	0.22	39	0.08	2	106	0.26	145	40
23	"	17403	"	5	0.2	2.64	3	366	0.2	5	0.91	0.2	47	13	47	26	3.80	0.97	14	11	0.85	264	1	0.11	10	0.08	2	117	0.21	83	36
24	"	17404	"	5	0.2	5.18	2	649	0.4	5	0.50	0.4	47	11	23	29	3.07	1.73	16	9	0.55	128	1	0.25	10	0.06	3	112	0.06	83	30
25	"	17405	"	5	0.2	2.73	7	137	0.3	5	1.46	1.0	58	15	56	36	3.59	0.30	15	17	1.26	866	1	0.15	11	0.08	28	193	0.13	100	204
26	"	17406	"	5	0.2	4.16	5	596	0.3	5	0.57	0.2	35	12	20	28	2.65	1.54	13	8	0.60	203	1	0.13	10	0.04	3	99	0.09	63	35
27	"	17407	"	5	0.2	6.65	4	714	0.6	5	2.26	0.4	66	19	22	25	3.59	1.88	16	13	1.18	431	1	0.16	21	0.11	3	203	0.28	152	59
28	"	17408	"	5	0.2	2.42	8	77	0.4	5	2.60	0.4	71	3	110	12	2.40	0.24	17	6	0.39	526	1	0.09	4	0.09	5	281	0.37	70	26
29	"	17409	"	5	0.2	2.33	9	177	0.3	5	1.82	0.2	59	13	100	42	4.25	0.49	17	6	0.37	244	2	0.15	10	0.07	5	121	0.23	67	23
30	"	17410	"	5	0.2	1.58	9	233	0.3	5	1.07	0.4	48	13	64	25	2.42	0.29	14	7	0.62	370	1	0.13	11	0.03	2	95	0.11	69	65
31	"	17411	"	5	0.2	2.14	10	305	0.3	5	1.38	0.4	57	13	78	24	3.73	0.63	14	9	0.77	517	1	0.11	12	0.09	2	116	0.25	88	54
32	"	17412	"	15	0.2	3.51	8	574	0.3	5	1.41	0.5	62	10	42	18	3.40	1.14	17	9	0.93	468	1	0.16	9	0.08	2	162	0.20	120	47
33	"	17413		5	0.2	4.23	5	20	0.3	5	3.85	0.8	64	10	86	14	3.63	0.18	11	10	1.56	686	1	0.10	23	0.11	2	328	0.39	159	70
34	"	17414		5	0.2	3.94	6	808	0.3	5	0.82	0.4	47	12	40	50	2.50	1.51	14	12	1.11	455	1	0.14	11	0.09	2	102	0.09	68	83
35	"	17415		5	0.2	0.68	2	14	0.2	5	0.95	0.7	51	16	107	39	3.05	0.09	11	5	0.66	458	1	0.18	30	0.04	2	12	0.27	99	65
39	"	17416		5	0.2	3.54	4	236	0.5	5	1.91	1.0	73	30	108	75	6.70	1.35	18	21	2.17	1092	8	0.21	62	0.12	2	78	0.69	200	98
41	"	17417	rx NIC	5	0.2	5.54	12	29	0.5	5	5.42	0.9	69	33	90	53	4.97	0.07	16	9	2.06	545	1	0.08	67	0.11	2	282	0.60	181	67

03/10 GW GR

LEGEND

MAIN + SECONDARY HAUL ROADS PROSPECTED - 1995

LOG BLOCKS PROSPECTED 1995

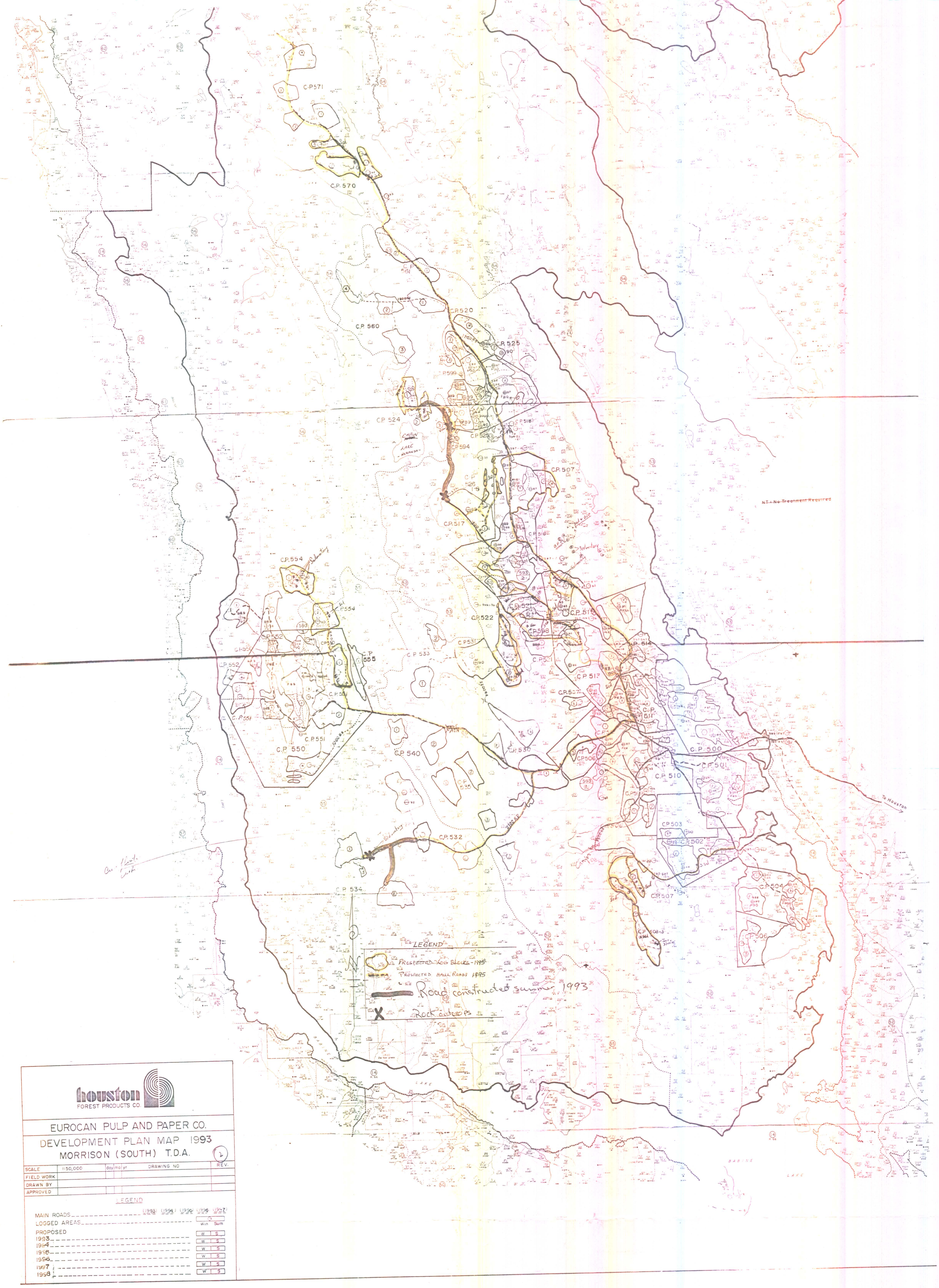
SCALE 1:50 000

northwood pulp and timber limited

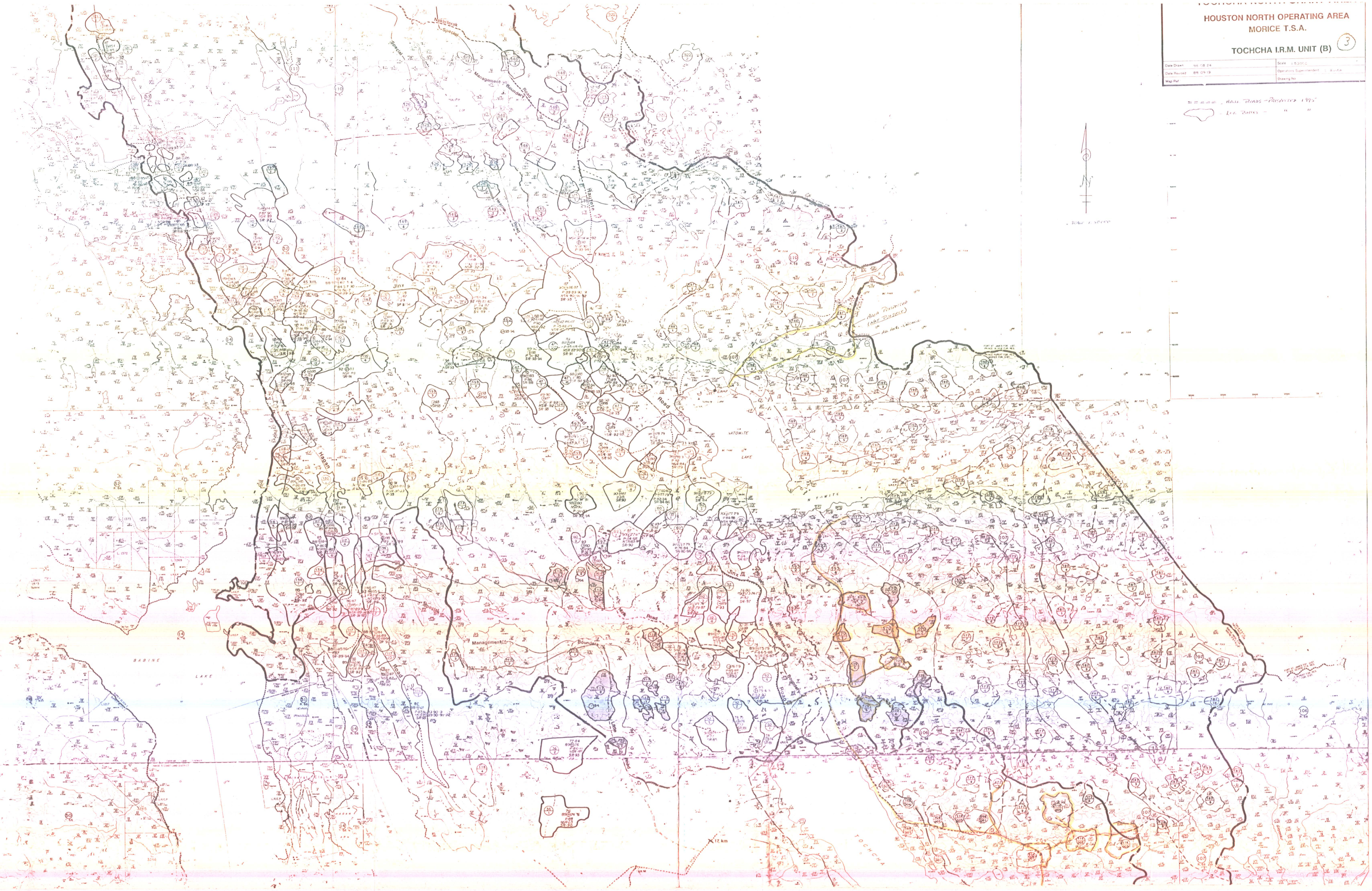
TOCHCHA SOUTH CHART AREA

HOUSTON NORTH OPERATING AREA

MORICE T.S.A.



C.P.571
C.P. 570
C.P. 560
C.P. 520
C.P. 525
C.P. 524
CABIN
LAKE
NORANDA
C.P. 594
C.P. 507
C.P. 517
C.P. 516
NT = No Treatment Required
C.P. 554
C.P. 522
C.P. 531
C.P. 533
C.P. 555
C.P. 552
C.P. 550
C.P. 551
C.P. 540
C.P. 535
C.P. 530
C.P. 521
C.P. 514
C.P. 513
C.P. 506
C.P. 511
C.P. 500
C.P. 501
C.P. 510
C.P. 503
C.P. 502
C.P. 504
C.P. 508-3
C.P. 532
C.P. 534
To Houston
BABINE
LAKE
LEGEND
PROSPECTED LOG BLOCKS - 1995
PROSPECTED HAUL ROADS 1995
Road constructed summer 1993
Rock outcrops
houston
FOREST PRODUCTS CO.
EUROCAN PULP AND PAPER CO.
DEVELOPMENT PLAN MAP 1993
MORRISON (SOUTH) T.D.A.
SCALE 1:50,000
day mo yr
DRAWING NO
REV.
FIELD WORK
DRAWN BY
APPROVED
LEGEND
MAIN ROADS
(1993) (1994) (1995) (1996) (1997)
LOGGED AREAS
Win Sum
PROPOSED
1993
1994
1995
1996
1997
1998
W S



HOUSTON NORTH OPERATING AREA
MORICE T.S.A.
TOCHCHA I.R.M. UNIT (B)
3
Date Drawn 88 08 24
Date Revised 88 09 19
Map Ref
Scale 1:50000
Operations Superintendent
Drawing No
HAUL ROADS - PROSPECTED 1995
BABINE
LAKE
Management
Boundary
Road