Report on a Geochemical Survey

and

Geological Prospecting Program

KALYN PROPERTY

KALYN CLAIM

FORT STEELE MINING DIVISION

CRANBROOK AREA

N.T.S. 82G/4W & 5W

LAT: 49o15'N LONG: 115o45'W

Work Permit # 94-0600424-0001-M124

OWNER

L.G. STEPHENSON

1419 133A St.
Surrey, British Columbia
V4A 6A2

Work Performed from August 1, 1994 through November 30, 1994

Report By: L. Stephenson
Submitted: March, 1995

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L. Stephenson March, 1995

1.00 Introduction

Mr. L. Stephenson staked the Kalyn Claim in 1993 and under took to evaluate and locate the projected trend of the "Pipeline Showing" on the adjacent claims to the east. As well the St. Eugene Mine trend is projected to cross the property.

A geochemical survey and geological prospecting was completed to establish the response in the newly disturbed pipeline soils and to evaluate the trend of the "Pipeline Showing." The geological structure was investigated especially where it was revealed in the 1993 pipline construction.

2.00 Location and Access

The Kalyn Claim is located east southeast of the town of Moyie, British Columbia. Access is provided to the claims via the natural gas pipeline/B.C. Tel maintenance road.

3.00 Geochemical Surveying

Well spaced lines of geochemical soil samples were taken across the projected strike of the "Pipeline Showing" and along the newly exposed ground of the pipeline construction. A total of 313 soil samples and 3 rock samples were taken and plotted on Maps 2 and 3. The current program was an attempt to re-establish the previous assessment work efforts to allow for a compilation of that data for use in guiding further exploration.

Samples were taken from the B horizon which was well developed in most areas, along a east west baseline, with north south cross lines. Numbering was sequential and was directly plotted on the field map. This data was then transformed to Figures 3 and 4.

The data shows a continuation of the east west striking zone outlined around the "Pipeline Showing" on to the Kalyn Claim. However no identifiable relationship between the soil results and the presence of a mineralized zone was discovered.

The areas of highest geochemical response are associated

with valley drainages and the disturbed areas of the new pipeline construction. These results could reflect the collector ability of the organics in the valleys and the contamination from the newly disturbed areas. Further work to evaluate these results is warranted.

4.00 Geological Prospecting and Mapping

Geological prospecting traverses were conducted across the claim and along the grid to confirm the geology. The Index map (Figure 2) shows the traverses and the geology map (Figure 5) shows the author's geological mapping.

Rock types identified as Lower and Upper Creston Formation underlay the Kalyn Claim. Previous assesment reports identified this Formation to be intruded by gabbro (Moyie?) in the vicinity of the claims. Although float boulders of gabbro were identified in the area no outcrops were encountered in the prospecting traverses. The Creston rocks are mainly argillite-argillaceous quartzites with a few thick quartzite units. Most of the observed outcrops consisted of thin 3 - 5 cm thick beds The units were striking northsouth with a gentle easterly dip (15-20 degrees). The best exposures of these rocks were found along the pipeline and were quite extensive in that area. No promising mineralization was found in that area.

A minor anticlinal warp to the Creston formation cresting on the southern boundary of the property has an east west strike. This trend parallels the main east west trend found at the main workings of the St. Eugene Mine.

Some faulting with minor offset was noted however no distinct evidence of major structural faulting was encountered in the prospecting traverses. No samples of gossan have been located on the Kalyn Claim to date.

5.00 Conclusions

The Kalyn Claim could have the extention of the adjacent "Pipeline Showing" located in its boundaries. This showing is part of the projected trend associated with the St. Eugene Mine where it cuts the Creston rocks. The Creston rocks stratigraphically overlay the Aldridge rocks which host the main St. Eugene deposit. The mineralogy and setting is not unlike that of the upper part of the St Eugene mine area, where thicker quartzite units host the thicker ore shoots.As well, the thicker ore shoots at the St Eugene Mine were associated with cross (north south) faults.
Further exploration is required to further evaluate these claims.

LAURENCE STEPHENSON, B.Sc., M.B.A.
P.Eng.

EXHIBIT "A"

STATEMENT OF EXPENDITURES

GEOCHEMICAL SURVEYING AND GEOLOGICAL PROSPECTING

ON THE KALYN CLAIM
FORT STEELE M.D.

Covering the period of August 1st to November 30th, 1994

SALARIES:

L. Stephenson - Geologist, P. Eng.	Sampling 8 days Geological Mapping 4 days Report writing & Interpretation 2 Days Map Preparation 2 Days Travelling - 6 days	
22 days @ $400/ day		$4,000
TRANSPORTATION:		
1 - 4x4 Pickup; 22 days @ $65/day		$1,000
ASSAYS: 316 ICP + sample prep. $14+/ sample		$4,000
TOTAL =		**$9,000**

LAWRENCE STEPHENSON, B.Sc., M.B.A.
P.Eng.

IN THE MATTER OF THE
B.C. MINERAL ACT
AND
IN THE MATTER OF A GEOCHEMICAL
AND GEOLOGICAL PROSPECTING PROGRAM

CARRIED OUT ON THE KALYN PROPERTY
MOYIE AREA
in the Fort Steele Mining Division
of the province of British Columbia
More Particularily N.T.S. 82G/5W & 4W

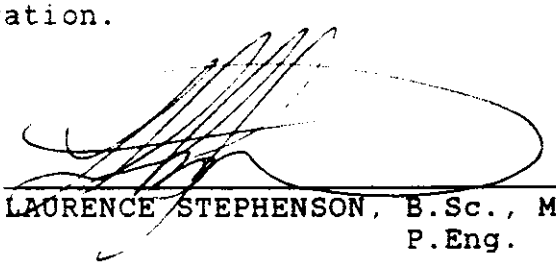
A F F I D A V I T

I, L. Stephenson, of the City of Surrey, in the Province of British Columbia, make an oath and say:

1. That I am employed as a geologist by GeoFin Inc. and as such have a personal knowledge of the facts to which I hereinafter depose:

2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a geochemical surveying and geological prospecting program, on the Kalyn mineral claim;

3. That the said expenditures were incurred between the 1st day of August, 1994 and the 30th day of November, 1994 for the purpose of mineral exploration.



LAURENCE STEPHENSON, B.Sc., M.B.A.
P.Eng.

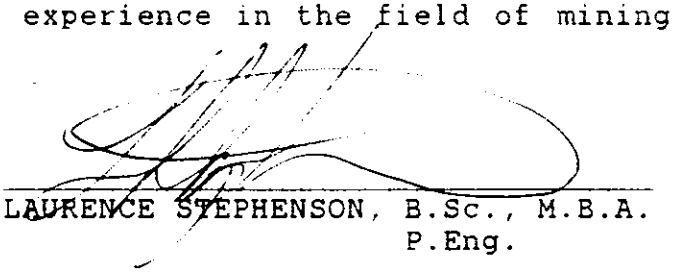
AUTHOR'S QUALIFICATIONS

I, Laurence Stephenson, of the City of Surrey, in the Province of British Columbia, do hereby certify that:

1. I graduated from Carleton University in 1975 with a Bachelor of Science degree in Geology then, in 1985, graduated from York University with a Masters of Business Administration;

2. I am registered as a Professional Engineer for the Province of Ontario (1981) and currently a member in good standing;

3. I have had over 27 years experience in the field of mining exploration.



LAURENCE STEPHENSON, B.Sc., M.B.A.
P.Eng.

APPENDIX I

Soil Sample Results

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KB 1	1	94	18	200	.6	19	11	962	5.67	<2	<5	<2	11	42	1.1	<2	<2	53	.73	.131	56	28	1.11	104	.13	3	2.26	.01	.98	<1
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KB 5	1	33	14	103	.4	28	12	732	4.07	5	<5	<2	9	51	.3	<2	3	53	1.04	.069	33	35	1.05	194	.11	8	2.08	.02	.69	<1
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KB 7	1	29	17	119	.3	22	10	585	3.65	3	<5	<2	13	42	.5	<2	<2	53	.50	.067	39	28	.95	165	.12	6	2.19	.01	.81	<1
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Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
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KB 60	3	35	15	87	.1	19	11	509	3.56	7	<5	<2	13	49	.6	2	4	47	.45	.046	26	31	.99	151	.13	9	2.04	.01	.89	<1
KB 61	13	25	11	55	.1	9	7	333	3.05	4	<5	<2	10	50	<.2	3	<2	35	.39	.056	23	19	.65	129	.09	4	1.36	.02	.49	<1
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STANDARD C/AU-S	19	58	38	125	6.8	68	32	1055	3.96	42	20	7	36	51	17.6	16	21	61	.52	.091	40	60	.92	183	.08	33	1.88	.07	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	A pp
KS 69	7	45	21	83	.3	20	10	602	3.37	4	<5	<2	12	45	<.2	2	<2	42	.47	.074	33	27	.83	153	.09	7	1.61	.02	.64	1	
KS 70	3	25	11	61	<.1	15	8	420	2.58	4	<5	<2	8	45	<.2	<2	<2	41	.42	.062	25	19	.65	141	.10	6	1.45	.02	.49	<1	
KS 71	11	61	10	68	.2	19	9	448	3.05	4	<5	<2	11	53	.2	4	<2	42	.64	.061	30	23	.87	155	.09	9	2.01	.02	.63	<1	
KS 72	8	40	12	66	.2	17	7	384	3.51	3	<5	<2	13	62	.2	2	<2	44	.48	.056	29	22	.93	177	.11	7	2.25	.02	.76	<1	
KS 72	8	40	10	65	.2	18	7	374	3.47	3	<5	<2	14	61	.2	2	<2	44	.47	.055	29	23	.92	175	.11	7	2.22	.02	.75	<1	
KS 73	12	44	14	73	.1	18	9	475	3.55	3	<5	<2	13	60	<.2	<2	<2	41	.50	.065	28	23	.89	164	.10	8	1.84	.02	.72	<1	
KS 74	10	51	72	84	.2	19	14	1387	3.37	3	<5	<2	9	84	.2	2	<2	31	1.56	.085	28	15	.77	214	.06	13	1.54	.03	.58	<1	
KS 75	40	40	12	77	.3	20	11	530	6.14	3	<5	<2	13	109	<.2	<2	<2	33	1.14	.080	30	17	.84	101	.07	11	1.45	.16	1.01	<1	
KS 76	39	39	13	76	.4	21	11	518	5.99	2	6	<2	16	106	.3	<2	<2	33	1.03	.084	31	18	.84	102	.07	11	1.46	.14	.96	<1	
KS 77	29	49	24	92	.5	21	21	998	4.07	3	<5	<2	13	93	.3	2	<2	41	.65	.080	32	21	.94	180	.09	9	1.91	.04	.94	<1	
KS 78	30	42	16	79	.3	18	13	678	3.77	4	<5	<2	14	63	.3	4	<2	47	.41	.071	29	20	.87	146	.12	6	1.79	.03	.80	<1	
KS 79	25	37	17	70	.1	15	7	337	3.32	3	<5	<2	12	55	.3	2	<2	46	.42	.066	29	22	.76	137	.10	6	1.66	.03	.60	<1	
KS 80	28	50	16	68	.2	16	7	333	3.53	4	<5	<2	13	79	.2	3	<2	43	.66	.060	30	22	.86	147	.10	9	1.91	.03	.74	<1	
KS 81	18	39	14	55	.1	15	6	304	3.05	3	<5	<2	14	66	.2	<2	<2	42	.40	.054	26	26	.77	157	.10	6	1.68	.03	.64	<1	
KS 82	28	49	12	75	.3	17	7	360	3.97	2	<5	<2	14	80	<.2	2	<2	40	.61	.068	34	29	.92	170	.09	10	2.05	.05	.87	<1	
KS 83	20	26	13	65	.1	15	7	381	3.04	3	<5	<2	11	58	.2	2	<2	40	.44	.052	26	21	.73	136	.10	9	1.72	.03	.70	<1	
KS 84	11	43	23	65	.1	15	7	360	3.09	2	<5	<2	15	61	.2	2	<2	47	.39	.059	28	23	.75	157	.11	7	1.72	.03	.68	<1	
KS 85	7	24	23	66	.2	15	7	391	2.91	4	<5	<2	17	57	<.2	3	2	41	.50	.075	34	20	.73	150	.09	10	1.70	.02	.62	1	
KS 86	3	28	14	76	.2	21	10	576	3.31	2	<5	<2	16	45	.3	3	<2	49	.45	.063	39	28	.87	162	.11	8	1.97	.02	.65	<1	
KS 87	2	26	12	83	.2	26	10	527	3.77	2	<5	<2	16	53	.3	3	<2	53	.49	.058	33	35	1.21	175	.12	7	2.39	.02	.87	<1	
KS 88	2	44	20	90	.3	37	13	741	4.41	2	<5	<2	10	51	.3	4	<2	73	.54	.054	31	57	1.42	189	.13	6	2.52	.02	.89	1	
KS 89	1	25	15	80	.3	34	12	585	3.83	2	<5	<2	11	48	.3	4	<2	65	.53	.050	29	56	1.55	175	.13	7	2.60	.02	.79	<1	
KS 90	1	22	18	84	.4	24	9	734	3.55	4	<5	<2	13	41	.3	2	<2	49	.42	.061	41	38	1.02	179	.11	6	1.98	.01	.66	<1	
KS 91	2	30	43	103	.5	25	10	948	3.81	4	<5	<2	18	51	.3	3	<2	46	.58	.084	58	41	.99	200	.09	8	2.24	.01	.72	<1	
KS 92	1	19	26	83	.1	22	10	733	3.40	4	<5	<2	14	44	.4	4	<2	43	.48	.077	38	31	.82	198	.10	8	1.81	.02	.61	<1	
KS 93	1	25	32	102	.4	25	11	912	4.00	3	<5	<2	17	45	.6	3	<2	43	.53	.092	41	38	.92	195	.09	8	1.96	.01	.72	<1	
KS 93	1	51	50	125	.6	24	11	1128	3.49	2	<5	<2	14	49	.5	3	<2	44	.52	.083	47	40	.97	199	.09	7	2.05	.02	.68	<1	
KS 94	1	44	31	157	.6	25	11	871	4.20	2	<5	<2	17	49	.9	3	<2	48	.79	.085	49	34	1.32	220	.10	8	2.28	.02	.94	<1	
KS 95	2	28	201	158	.8	21	12	2537	5.13	2	<5	<2	33	51	.8	3	<2	44	.47	.060	75	23	.98	167	.07	4	2.26	.01	.45	<1	
KS 96	2	36	128	141	1.1	19	11	2303	4.72	2	<5	<2	28	56	.5	<2	<2	43	.55	.057	69	23	.99	147	.07	5	2.31	.01	.44	<1	
KS 97	1	24	179	161	.6	19	10	901	4.82	<2	<5	<2	20	51	.7	<2	<2	44	.50	.049	79	22	1.11	163	.11	5	2.28	.01	.72	<1	
KS 98	1	43	35	129	.8	19	11	1087	4.33	3	<5	<2	21	55	.7	3	<2	43	.56	.062	52	22	.99	172	.10	8	2.08	.02	.63	<1	
KS 99	1	28	32	139	.5	24	10	897	4.53	<2	6	<2	17	45	.5	2	<2	52	.47	.078	52	27	1.33	251	.16	6	2.37	.01	1.23	<1	
KS 100	1	17	43	108	.5	20	13	1227	5.10	<2	6	<2	23	49	.3	3	<2	32	.85	.094	51	22	.78	155	.04	5	1.64	.01	.41	<1	
KS 101	1	22	30	115	.5	20	11	1141	4.40	<2	5	<2	23	50	.4	3	<2	33	.56	.056	49	21	.76	156	.05	5	1.70	.01	.38	<1	
KS 102																															
STANDARD C/AU-S	19	59	38	123	7.0	73	33	1053	3.96	42	18	7	34	50	18.3	16	21	61	.51	.093	40	60	.92	182	.08	34	1.88	.06	.15	11	

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KS 103	1	27	17	83	.2	21	9	620	3.50	3	<5	<2	10	39	.2	<2	<2	47	.57	.063	50	25	.73	123	.08	10	1.89	.01	.62	1
KS 104	2	27	22	103	.7	19	10	1056	4.52	4	13	<2	25	40	<.2	<2	<2	32	.54	.058	125	27	.55	135	.03	7	1.63	.01	.44	<1
KS 105	1	26	17	87	<.1	19	10	777	3.89	4	<5	<2	14	61	.2	<2	<2	42	.88	.086	70	20	.76	143	.07	10	1.72	.02	.59	<1
KS 105 RE	1	25	14	85	.1	19	10	748	3.76	2	<5	<2	10	59	.2	<2	<2	41	.86	.084	68	20	.74	136	.07	9	1.67	.02	.58	<1
KS 106	1	20	14	74	.2	16	8	592	3.65	3	7	<2	14	49	<.2	2	<2	40	.58	.083	69	18	.71	143	.08	8	1.80	.01	.56	<1
KS 107	1	17	15	77	.7	17	8	734	3.23	5	<5	<2	8	72	<.2	<2	<2	33	.95	.070	55	16	.70	135	.07	10	1.53	.01	.48	<1
KS 108	1	17	17	78	.7	16	8	649	3.18	2	<5	<2	12	55	<.2	<2	<2	37	.62	.073	49	18	.76	165	.09	9	1.69	.01	.54	<1
KS 109	2	16	16	62	1.2	14	7	489	2.93	10	<5	<2	15	48	<.2	<2	<2	33	.50	.060	45	15	.60	158	.07	7	1.42	.01	.48	<1
KS 110	1	16	16	73	.1	14	8	583	3.30	3	<5	<2	12	43	.3	<2	<2	35	.48	.073	57	16	.63	139	.08	6	1.49	.01	.51	<1
KS 111	1	18	13	64	.1	16	8	508	2.73	4	<5	<2	9	40	.2	<2	<2	42	.46	.056	27	20	.67	136	.11	7	1.69	.01	.61	<1
KS 112	1	20	18	82	.3	17	9	701	3.36	3	<5	<2	9	37	.3	<2	<2	42	.60	.064	36	20	.72	155	.10	9	1.80	.01	.70	<1
KS 113	2	20	20	80	1.5	15	9	884	3.22	2	<5	<2	11	44	.2	<2	<2	28	1.21	.096	43	14	.56	260	.05	9	1.19	.01	.50	<1
KS 114	1	16	16	61	.4	12	10	510	3.55	3	<5	<2	13	26	.3	<2	<2	40	.36	.050	46	20	.51	92	.06	7	1.62	.02	.50	<1
KS 115	3	22	23	77	1.6	15	9	786	3.71	3	<5	<2	9	66	.2	<2	<2	30	2.63	.098	51	15	.67	172	.04	7	1.30	.01	.48	<1
KS 116	1	27	15	81	.2	23	10	657	3.57	3	<5	<2	15	45	.4	<2	<2	43	.45	.065	34	33	1.10	189	.12	7	2.08	.02	.84	<1
KS 117	1	23	14	80	.2	17	9	660	3.72	<2	<5	<2	13	39	.2	<2	<2	40	.36	.052	31	22	.85	146	.12	6	1.84	.01	.72	<1
KS 118	<1	29	40	127	.2	20	10	840	3.95	2	<5	<2	12	44	.5	2	<2	44	.54	.080	31	24	1.05	196	.13	8	1.95	.02	.99	<1
KS 119	1	30	22	104	.2	20	9	572	3.81	3	<5	<2	20	44	<.2	<2	<2	43	.39	.042	38	26	.91	157	.13	8	2.13	.01	.81	<1
KS 120	1	38	33	113	.2	18	8	687	3.57	3	<5	<2	16	50	.4	2	<2	40	.47	.045	38	20	.89	160	.12	8	2.02	.01	.81	<1
KS 121	<1	19	20	92	.1	18	10	619	3.95	3	<5	<2	17	40	.3	<2	<2	51	.39	.053	37	24	.91	153	.14	7	1.87	.01	.80	<1
KS 121	1	30	18	102	.2	22	12	663	4.57	2	<5	<2	11	43	.2	<2	2	70	.52	.088	32	22	.96	168	.15	7	1.93	.02	.83	<1
KS 122	1	37	19	88	.4	20	10	544	3.60	2	<5	<2	15	56	.2	<2	<2	49	.62	.053	37	28	.89	153	.11	9	2.04	.01	.72	<1
KS 123	1	53	20	97	.3	22	10	562	3.62	5	<5	<2	12	49	.4	<2	<2	45	.56	.051	28	27	.91	167	.12	9	2.04	.02	.76	<1
KS 124	1	26	21	85	.1	24	11	449	3.93	2	<5	<2	16	54	.2	<2	<2	50	.59	.033	38	34	.92	167	.13	8	2.18	.01	.82	<1
KS 125	1	18	20	76	.1	19	9	552	3.41	2	<5	<2	16	44	.2	<2	<2	43	.39	.047	37	25	.76	137	.10	7	1.77	.01	.59	<1
KS 126	1	34	21	80	.2	21	10	560	3.51	2	<5	<2	15	35	.3	2	<2	49	.37	.050	35	36	.78	130	.11	7	1.59	.01	.65	<1
KS 127	1	54	28	113	.3	36	14	749	4.56	<2	<5	<2	21	42	.4	<2	<2	59	.54	.112	53	70	1.23	238	.10	5	2.03	.01	.91	<1
KS 128	1	28	16	74	.2	18	9	583	3.10	2	<5	<2	14	46	<.2	<2	<2	41	.41	.062	40	22	.85	165	.12	8	1.80	.02	.68	<1
KS 129	1	53	17	94	.2	23	10	588	3.58	4	<5	<2	18	47	.3	<2	2	47	.42	.048	40	33	.96	156	.13	8	2.09	.02	.84	<1
KS 130	1	22	17	94	.2	19	8	481	3.78	3	<5	<2	19	50	.3	<2	<2	44	.52	.042	46	26	.74	133	.09	6	1.85	.01	.50	<1
KS 131	<1	26	16	80	.3	19	9	658	3.79	2	<5	<2	19	44	.3	<2	<2	41	.41	.059	48	26	.88	163	.11	7	1.94	.02	.74	<1
KS 132	1	26	15	77	.3	21	10	541	3.51	<2	<5	<2	14	42	<.2	<2	<2	42	.39	.053	36	29	.82	144	.10	6	1.84	.02	.66	<1
KS 133	2	44	26	117	.3	15	9	1008	4.18	2	<5	<2	18	44	.6	<2	<2	35	.60	.132	37	21	.76	156	.09	6	1.92	.01	.65	<1
KS 134	1	38	25	123	.3	16	9	778	3.72	<2	<5	<2	13	44	.5	<2	<2	36	.51	.090	37	18	.84	163	.11	9	1.87	.01	.77	<1
KS 135	2	55	15	130	.4	11	9	1129	5.40	<2	10	<2	17	40	<.2	<2	<2	24	.60	.111	55	11	.91	170	.10	5	2.00	.01	.89	<1
STANDARD C/AU-S	19	59	38	128	7.1	74	33	1045	3.96	41	19	7	34	50	18.6	15	18	61	.51	.093	39	60	.92	182	.08	33	1.88	.06	.14	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KS 136	9	32	13	79	.2	16	8	505	3.25	5	<5	<2	13	48	<.2	2	<2	43	.49	.064	32	21	.98	149	.11	9	2.06	.02	.78	2
KS 137	16	23	12	60	<.1	16	7	436	2.82	4	<5	<2	10	44	.2	<2	<2	42	.33	.037	23	20	.67	138	.11	6	1.65	.01	.53	2
KS 138	15	48	18	110	.2	26	12	710	4.46	2	<5	<2	16	55	.5	2	<2	51	.51	.075	36	32	1.13	182	.16	8	2.36	.02	1.28	<1
KS 139	26	65	16	76	.3	21	9	416	3.77	5	<5	<2	15	66	.2	3	<2	45	.53	.061	35	27	.93	160	.12	9	2.19	.02	.90	1
KS 140	18	51	18	54	<.1	13	6	318	3.13	6	<5	<2	14	68	.2	3	<2	37	.48	.065	31	17	.68	141	.09	8	1.78	.03	.58	2
KS 141	7	32	32	64	.1	15	7	380	2.78	3	<5	<2	11	55	.2	2	<2	42	.45	.065	26	21	.75	145	.11	7	1.63	.02	.54	<1
KS 142	9	37	18	77	.1	19	9	517	3.53	5	<5	<2	13	50	.4	2	<2	46	.46	.071	28	24	1.01	161	.13	8	2.00	.02	.80	2
KS 143	11	46	11	79	.3	35	12	473	4.00	3	6	<2	10	72	<.2	3	<2	62	1.80	.081	29	54	1.77	141	.11	15	2.48	.02	1.20	1
KS 144	15	41	21	70	.3	20	10	458	3.56	3	<5	<2	13	62	<.2	2	<2	47	.45	.052	29	30	.84	138	.10	10	1.86	.02	.67	<1
KS 145	12	27	30	67	<.1	16	7	454	3.10	4	<5	<2	11	62	.2	<2	<2	41	.52	.059	28	20	.74	161	.09	10	1.67	.02	.54	<1
KS 146	8	29	67	74	.1	17	9	527	3.13	4	<5	<2	13	51	.3	<2	<2	44	.42	.057	29	21	.74	167	.10	7	1.72	.02	.53	<1
KS 146 In W	8	29	70	75	.2	18	9	525	3.17	5	<5	<2	13	53	<.2	<2	<2	45	.43	.061	30	22	.75	170	.10	7	1.74	.02	.54	<1
KS 147	15	35	81	79	.1	16	8	534	2.97	4	<5	<2	11	68	<.2	3	<2	38	.65	.064	29	19	.79	166	.08	11	1.65	.02	.58	1
KS 148	28	37	20	69	<.1	18	8	393	3.49	5	<5	<2	12	59	<.2	4	<2	46	.42	.060	26	23	.99	200	.12	8	1.96	.02	.77	1
KS 149	1	53	39	168	.8	25	13	1148	4.84	4	<5	<2	19	51	.5	2	<2	48	.58	.068	55	29	.92	154	.08	8	1.98	.01	.65	<1
KS 150	1	30	39	171	.6	24	13	1048	4.32	3	<5	<2	14	53	.4	<2	<2	43	.59	.069	33	23	.89	164	.09	9	1.89	.01	.63	<1
KS 151	1	46	20	105	.3	19	9	718	3.26	5	<5	<2	11	52	.5	3	<2	42	.65	.087	30	23	.86	169	.10	9	1.75	.02	.59	<1
KS 152	1	75	15	126	.2	20	10	714	3.84	5	<5	<2	14	46	.3	2	<2	46	.41	.058	43	24	.93	165	.14	7	2.05	.02	.74	<1
KS 153	1	25	24	112	.2	19	9	752	3.85	4	<5	<2	18	52	<.2	2	<2	43	.55	.055	49	23	.87	150	.10	10	1.96	.02	.64	<1
KS 154	1	32	17	120	.3	26	11	780	4.17	4	<5	<2	19	49	<.2	3	<2	54	.54	.065	43	39	1.19	181	.13	9	2.37	.02	.92	1
KS 155	1	31	19	100	.3	19	9	695	3.65	3	<5	<2	14	48	.4	<2	<2	44	.49	.066	34	25	.88	139	.11	9	1.87	.02	.65	<1
KS 156	1	28	17	101	.3	24	11	811	3.56	2	<5	<2	12	46	<.2	<2	<2	44	.48	.046	31	26	.88	146	.11	8	2.00	.02	.66	<1
KS 157	2	26	17	113	.2	22	10	815	4.13	2	<5	<2	14	47	.2	<2	<2	41	.53	.068	32	25	.92	143	.11	7	2.03	.02	.76	<1
KS 158	1	28	15	119	.1	17	8	814	3.60	4	<5	<2	15	57	.2	<2	<2	42	.71	.086	45	22	.90	153	.11	10	2.08	.01	.76	<1
KS 159	1	42	17	128	.1	14	8	1084	3.97	7	<5	<2	14	47	.3	2	<2	36	.52	.077	43	17	.79	170	.10	8	1.80	.01	.66	1
KS 160	1	24	17	110	.3	17	8	960	3.14	3	<5	<2	15	72	.5	<2	<2	39	.96	.057	37	20	.89	153	.09	8	1.92	.01	.58	<1
KS 161	1	26	22	114	.1	18	9	611	4.13	<2	<5	<2	28	41	.2	<2	<2	41	.41	.048	59	24	.98	155	.12	5	2.48	.01	.86	<1
KS 162	1	22	23	120	.4	20	10	1037	4.29	2	<5	<2	19	54	.2	<2	<2	45	.76	.055	44	22	.87	175	.09	8	2.03	.01	.63	<1
KS 163	1	32	35	106	.4	16	8	2759	3.60	2	<5	<2	14	60	.3	2	<2	39	.90	.079	39	19	.78	134	.08	8	1.72	.02	.54	<1
KS 164	2	50	30	111	.6	15	9	1949	3.72	2	<5	<2	16	54	.3	<2	<2	41	.49	.062	38	20	.87	126	.11	5	1.82	.02	.59	<1
KS 165	1	49	32	123	.5	19	10	1881	4.03	3	<5	<2	12	49	.3	<2	<2	48	.54	.100	39	27	.84	133	.10	6	1.86	.01	.61	<1
KS 166	1	68	24	140	.3	25	12	1207	4.56	3	<5	<2	14	43	.3	<2	<2	56	.56	.109	43	33	1.13	235	.15	6	2.15	.02	.95	<1
KS 167	2	24	41	102	.1	14	7	2002	2.87	4	<5	<2	11	53	.3	<2	<2	35	.40	.053	26	17	.68	120	.09	6	1.54	.02	.47	<1
KS 168	1	25	41	93	.1	16	7	698	2.77	<2	<5	<2	13	49	.3	<2	3	41	.42	.067	25	20	.74	135	.11	8	1.60	.02	.54	<1
STANDARD C/AU-S	1	23	19	91	.3	18	8	980	3.42	4	<5	<2	15	68	.2	<2	<2	40	.81	.060	28	23	1.03	130	.11	11	2.07	.01	.78	<1
	20	64	40	137	7.4	75	31	1104	4.16	42	17	7	36	53	19.3	15	17	62	.50	.093	40	60	.91	186	.09	33	1.97	.06	.16	12

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KS 169	1	19	16	80	.1	17	8	778	3.08	6	<5	<2	12	45	.2	2	<2	40	.50	.073	30	20	.87	136	.12	8	1.79	.01	.67	1
KS 170	1	17	16	69	.1	16	8	508	2.84	4	<5	<2	15	42	.2	3	<2	42	.49	.085	35	20	.87	135	.12	8	1.71	.02	.64	<1
KS 171	19	35	10	68	.1	23	9	473	3.38	5	<5	<2	12	64	.2	<2	<2	43	.56	.046	29	30	.97	134	.11	12	2.01	.02	.87	<1
KS 172	18	57	12	61	.2	28	9	379	3.46	3	<5	<2	14	67	<.2	<2	<2	45	.61	.056	28	30	1.26	141	.11	10	2.44	.02	.78	<1
KS 173	47	21	14	53	.2	13	6	343	2.92	5	<5	<2	11	56	<.2	<2	<2	38	.37	.054	26	18	.64	126	.10	7	1.53	.03	.55	<1
KS 174	40	28	9	48	.2	13	6	297	3.31	5	<5	<2	11	47	<.2	<2	<2	37	.38	.044	25	16	.63	107	.09	8	1.40	.02	.51	1
KS 175	20	46	13	59	.1	16	7	332	3.24	4	<5	<2	10	73	.2	<2	<2	45	.48	.056	26	22	.77	131	.10	9	1.82	.03	.71	<1
KS 176	1	36	15	120	.2	19	11	632	4.29	2	<5	<2	14	46	.2	<2	<2	61	.54	.060	36	27	1.02	208	.12	7	2.18	.01	.84	<1
KS 177	1	23	19	78	.1	17	8	525	2.53	5	<5	<2	11	98	.3	3	<2	39	1.40	.081	26	20	.93	206	.10	11	1.65	.02	.58	<1
KS 178	1	38	15	95	.3	23	10	657	3.43	7	<5	<2	12	69	.3	<2	<2	46	1.04	.055	31	28	1.09	180	.11	12	2.25	.02	.82	<1
KS 179	1	51	18	98	.2	19	9	633	3.41	7	<5	<2	15	78	.2	<2	<2	40	1.35	.058	38	22	.96	169	.08	11	2.08	.01	.67	<1
KS 180	1	32	33	94	.4	18	8	564	3.44	7	<5	<2	17	55	.2	<2	<2	40	.52	.042	42	22	.76	134	.07	8	2.22	.01	.57	<1
KS 180 10	1	32	35	95	.4	19	9	578	3.47	5	<5	<2	17	54	.4	<2	<2	41	.53	.042	41	24	.78	136	.07	9	2.23	.01	.56	<1
KS 181	1	52	17	105	.5	25	11	665	4.13	3	<5	<2	19	51	.3	<2	<2	45	.54	.052	40	33	.95	146	.09	7	2.28	.01	.71	<1
KS 182	1	34	19	123	.3	28	12	838	4.23	5	<5	<2	15	50	.3	<2	<2	45	.67	.043	37	32	.94	144	.10	10	2.26	.01	.80	<1
KS 183	1	30	30	129	.3	17	9	982	3.78	4	<5	<2	13	56	.7	2	<2	37	.70	.074	42	21	.79	142	.09	12	1.91	.01	.70	<1
KS 184	1	23	29	105	.3	15	9	672	3.83	3	<5	<2	15	33	.3	2	<2	41	.45	.090	34	24	.77	141	.11	5	1.55	.01	.65	<1
KS 185	1	42	36	125	.3	28	13	929	4.49	4	<5	<2	18	41	.4	<2	<2	51	.62	.129	46	47	1.21	201	.12	7	1.98	.01	1.05	<1
KS 186	1	25	23	114	.2	19	9	683	3.58	5	<5	<2	17	47	.3	2	<2	43	.42	.046	35	24	.83	143	.11	7	2.00	.02	.72	<1
KS 187	1	26	23	111	.1	20	9	755	3.51	5	<5	<2	15	40	.3	<2	<2	41	.37	.054	40	28	.76	141	.10	5	1.91	.01	.61	<1
KS 187	1	21	17	90	.1	20	9	606	3.10	5	<5	<2	11	41	.2	3	<2	46	.42	.067	30	32	.83	147	.12	8	1.70	.02	.67	<1
KS 188	1	24	17	73	.2	17	8	568	2.80	5	<5	<2	10	45	<.2	3	<2	44	.41	.046	27	22	.75	135	.11	7	1.77	.01	.57	<1
KS 189	1	30	20	88	.3	20	8	682	3.03	5	<5	<2	10	75	.3	<2	<2	44	1.25	.054	29	23	1.00	173	.11	9	1.89	.01	.72	<1
KS 190	1	49	45	115	.4	23	10	761	4.27	6	<5	<2	15	38	.3	<2	<2	59	.43	.034	46	30	.95	146	.14	6	2.88	.01	.85	<1
KS 191	1	70	27	138	.2	26	12	868	4.84	3	<5	<2	20	39	<.2	<2	<2	59	.68	.096	61	28	1.41	258	.16	7	2.52	.01	1.51	<1
KS 192	1	72	21	133	.3	34	14	1094	4.96	5	<5	<2	12	44	.3	2	<2	79	.58	.104	57	43	1.40	256	.14	6	2.65	.01	1.32	<1
KS 193	1	44	52	118	.5	24	10	1226	3.45	5	<5	<2	11	57	.2	2	<2	56	.59	.080	29	30	1.11	160	.13	11	2.18	.02	.95	<1
KS 194	1	27	36	86	.1	17	8	598	2.81	5	<5	<2	9	51	<.2	<2	<2	40	.50	.062	26	19	.86	144	.10	9	1.96	.02	.61	<1
KS 195	1	23	31	82	.4	27	11	967	4.16	4	<5	<2	15	50	<.2	2	<2	53	.51	.056	27	36	1.48	123	.11	8	2.55	.01	.83	<1
KS 196	1	30	31	83	.3	20	9	1021	3.44	4	<5	<2	13	62	<.2	<2	<2	44	.74	.070	32	24	1.07	129	.10	10	2.16	.02	.86	<1
KS 197	1	28	14	81	.2	23	11	576	3.85	5	<5	<2	15	49	.2	<2	<2	58	.53	.075	43	25	1.09	150	.14	8	2.25	.02	1.00	<1
KS 198	1	30	13	86	.2	20	9	637	3.31	4	<5	<2	11	52	<.2	<2	<2	48	.61	.071	47	22	.92	158	.12	10	1.96	.02	.78	<1
KS 199	2	27	10	95	.4	26	18	895	5.61	5	<5	<2	9	55	<.2	<2	<2	96	.78	.100	32	18	1.22	192	.11	7	2.22	.02	.75	<1
KS 200	4	26	18	67	.2	21	9	446	3.10	4	<5	<2	13	49	.3	<2	<2	48	.46	.064	32	31	.89	153	.11	8	1.89	.02	.66	<1
KS 201	6	35	50	87	.3	24	10	506	3.13	6	<5	<2	11	56	.4	3	2	53	.59	.072	27	41	1.02	166	.11	8	2.03	.02	.65	<1
KS 234	14	66	50	87	.7	25	9	361	3.20	4	<5	<2	12	65	.3	2	<2	56	.71	.056	32	55	.88	126	.07	7	2.00	.02	.48	<1
STANDARD C/AU-S	19	62	37	123	7.2	74	33	1058	3.96	42	23	7	36	52	18.6	15	19	61	.52	.094	40	61	.93	183	.08	34	1.88	.06	.15	11

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KS 202	3	83	19	105	.3	32	10	628	4.75	4	<5	<2	14	38	.6	2	<2	49	.44	.060	50	57	.93	114	.12	7	2.12	.01	.75	1
KS 203	1	57	13	87	.1	21	9	538	4.05	<2	<5	<2	13	45	.3	2	<2	47	.51	.070	44	32	.85	146	.11	9	2.12	.01	.70	<1
KS 204	2	68	10	120	.1	24	11	656	5.06	2	<5	<2	11	69	.3	2	<2	54	1.04	.071	40	30	1.08	171	.13	13	2.46	.01	.89	<1
KS 205	1	71	14	99	<.1	20	9	561	5.38	<2	<5	<2	11	43	.4	<2	<2	48	.58	.097	38	32	.87	142	.10	5	2.26	.01	.73	<1
KS 206	2	54	15	93	<.1	17	9	588	5.39	2	<5	<2	13	53	.4	<2	<2	43	.70	.079	47	18	.90	153	.11	7	2.23	.01	.76	<1
KS 207	3	92	21	102	<.1	13	10	929	7.57	<2	<5	<2	13	58	.2	<2	<2	34	.93	.121	75	15	.78	112	.04	2	2.25	.01	.42	<1
KS 208	1	27	14	77	.1	17	9	539	5.02	<2	<5	<2	13	49	.2	<2	<2	41	.54	.059	46	25	.86	141	.11	7	2.21	.01	.70	<1
KS 209	2	26	22	73	.1	13	7	595	4.03	3	<5	<2	15	44	.5	3	<2	32	.51	.067	51	17	.69	144	.08	7	1.99	.01	.58	<1
KS 210	2	65	122	185	3.2	46	12	853	3.89	3	<5	<2	15	50	1.2	<2	3	47	.56	.083	49	102	1.18	142	.11	9	2.23	.01	.75	1
KS 211	1	24	31	136	.5	46	11	776	3.77	3	<5	<2	13	48	.4	2	<2	48	.60	.112	33	127	1.28	153	.13	8	2.20	.01	.97	2
KS 212	1	15	20	76	.3	16	9	819	4.00	2	<5	<2	13	47	.4	2	<2	34	.41	.059	32	18	.61	142	.07	8	1.60	.02	.45	<1
KS 213	1	16	11	80	.2	14	8	703	3.66	3	<5	<2	13	47	.2	<2	<2	33	.46	.058	65	16	.65	133	.07	7	1.57	.01	.45	<1
KS 214	1	16	11	77	.4	15	9	630	3.74	3	<5	<2	14	50	.3	<2	<2	36	.57	.078	78	17	.72	139	.07	8	1.75	.01	.48	<1
KS 215	1	16	10	73	<.1	14	14	564	3.89	2	<5	<2	13	57	.3	2	<2	33	.55	.078	45	16	.67	148	.07	7	1.70	.02	.45	<1
KS 216	1	25	11	80	.2	20	9	710	3.51	3	<5	<2	10	54	.2	<2	<2	43	.69	.064	40	24	.79	179	.08	8	1.93	.01	.59	<1
KS 217	1	30	14	100	.2	22	10	875	3.82	4	<5	<2	9	40	.5	3	<2	40	.59	.076	39	33	.81	205	.10	10	1.86	.01	.60	<1
KS 218	1	23	20	105	.2	19	10	703	4.42	2	<5	<2	12	43	.3	<2	<2	45	.87	.151	52	26	.87	145	.09	8	2.14	.01	.83	<1
KS 219	1	20	13	80	.4	16	9	801	3.38	3	<5	<2	10	53	<.2	<2	<2	32	1.76	.086	40	20	.79	185	.07	9	1.55	.01	.47	<1
KS 220	1	29	13	138	.1	21	14	937	6.41	<2	<5	<2	12	44	.4	<2	<2	55	.77	.144	52	28	1.07	177	.16	4	2.53	.01	1.20	<1
KS 220 RE25E	1	28	13	136	.1	19	13	930	6.33	<2	<5	<2	11	42	.2	<2	<2	54	.76	.137	50	28	1.06	172	.16	4	2.46	.01	1.19	<1
KS 220	1	24	13	120	<.1	20	12	982	5.58	3	<5	<2	12	50	.3	<2	<2	47	.80	.122	65	25	.92	145	.11	6	2.22	.01	.94	<1
KS 221	2	29	19	116	.3	17	14	1566	5.63	4	<5	<2	13	47	.4	<2	<2	39	.70	.105	78	20	.64	123	.06	4	1.80	.01	.58	<1
KS 222	1	23	12	105	.1	18	12	573	5.78	<2	<5	<2	8	78	.2	<2	<2	53	1.15	.115	66	24	1.04	160	.10	6	2.80	.01	.75	<1
KS 223	14	125	12	79	.2	26	11	572	4.14	4	<5	<2	12	48	<.2	3	<2	55	.50	.070	39	30	.99	163	.11	9	2.29	.01	.81	<1
KS 224	12	103	13	78	.1	26	14	787	3.83	3	<5	<2	13	42	.2	2	<2	49	.43	.072	32	32	.89	175	.11	6	1.75	.02	.67	<1
KS 225	2	45	21	115	.1	19	12	850	4.60	3	<5	<2	10	35	.3	<2	<2	47	.49	.107	39	27	.78	124	.10	3	1.65	.01	.64	<1
KS 226	2	54	14	118	.1	17	11	953	4.70	<2	<5	<2	8	43	.5	<2	<2	44	.58	.104	54	23	.84	108	.08	4	1.91	.01	.63	<1
KS 227	2	52	25	144	.1	19	11	889	4.99	<2	<5	<2	11	45	.4	<2	<2	51	.60	.104	41	26	.95	123	.12	6	2.19	.01	.82	<1
KS 228	1	26	15	71	.2	17	10	512	3.47	4	<5	<2	15	32	.2	<2	<2	52	.33	.040	28	26	.60	100	.10	4	1.73	.01	.43	<1
KS 229	<1	32	12	79	.3	25	11	541	3.69	7	<5	<2	10	48	<.2	2	<2	57	.54	.047	32	33	.85	125	.10	6	2.36	.01	.57	<1
KS 230	1	34	13	95	.1	25	11	641	3.63	4	<5	<2	16	53	.2	<2	<2	55	.58	.081	40	34	1.05	157	.12	7	2.28	.02	.77	<1
KS 231	1	49	13	104	.1	32	13	624	4.22	4	<5	<2	13	50	.4	<2	<2	61	.74	.070	40	49	1.02	124	.08	8	2.36	.02	.47	<1
KS 232	<1	38	15	124	.3	57	21	764	5.29	3	<5	<2	8	62	.3	3	<2	95	1.11	.119	42	81	1.83	183	.11	2	3.44	.01	.46	<1
KS 233	1	41	24	118	.4	34	15	853	4.56	4	<5	<2	21	52	.3	<2	<2	61	1.60	.084	80	44	1.20	86	.04	7	2.15	.01	.39	<1
STANDARD C/AU-S	19	60	36	126	6.9	73	33	1055	3.96	44	19	8	34	50	18.7	15	19	61	.49	.093	40	61	.93	182	.08	34	1.88	.05	.15	10

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KS 235	2	59	24	91	.5	38	21	639	4.68	5	<5	<2	10	83	<.2	<2	3	98	1.25	.082	21	76	1.36	157	.12	11	3.18	.02	.39	<1
KS 236	6	65	14	89	.3	15	20	649	5.66	5	<5	<2	8	83	<.2	<2	<2	111	4.43	.118	22	26	1.95	115	.05	11	2.30	.01	.32	<1
KS 237	18	131	16	81	.1	13	10	748	3.72	5	<5	<2	14	51	.2	<2	5	36	.61	.070	37	19	.71	234	.07	10	1.63	.01	.48	1
KS 238	64	395	27	74	.2	13	13	709	4.56	3	<5	<2	17	84	<.2	<2	<2	31	.59	.093	53	15	.52	241	.03	13	1.64	.04	.43	<1
KS 239	27	277	17	81	.3	6	10	743	4.10	4	<5	<2	13	47	<.2	<2	3	40	.76	.080	46	14	.67	256	.03	7	1.73	.01	.37	<1
KS 240	10	285	30	109	1.3	26	17	1249	5.31	<2	<5	<2	21	55	.4	<2	2	34	.71	.076	78	45	.72	307	.02	9	2.08	.01	.36	<1
KS 241	6	477	16	154	<.1	12	8	840	6.30	<2	<5	<2	17	55	.2	<2	5	67	.81	.111	59	35	1.31	165	.17	8	2.59	.01	.59	<1
KS 242	4	214	12	124	<.1	31	10	867	6.18	4	<5	<2	17	48	.4	<2	<2	60	.67	.098	62	66	1.22	166	.13	8	2.26	.01	.74	<1
KS 243	3	140	15	100	<.1	15	9	788	4.98	<2	<5	<2	19	45	.2	<2	4	34	.52	.062	71	17	.57	116	.04	7	1.99	.01	.47	<1
KS 244	2	31	19	96	<.1	11	9	710	3.89	4	<5	<2	14	54	<.2	<2	3	41	.72	.118	39	22	.95	157	.10	6	2.32	.01	.75	<1
KS 245	1	51	18	109	<.1	26	16	812	4.32	4	<5	<2	15	52	<.2	<2	<2	56	.44	.054	36	49	1.15	156	.11	13	2.56	.02	.82	<1
KS 246	3	20	11	59	.1	9	8	388	2.56	<2	<5	<2	12	55	<.2	<2	5	35	.51	.069	26	19	.69	131	.09	11	1.60	.01	.56	<1
KS 247	3	18	17	51	.2	14	7	337	2.79	<2	<5	<2	11	54	<.2	<2	<2	39	.44	.028	25	21	.64	127	.10	10	1.72	.01	.48	<1
KS 248	4	22	17	59	.4	8	7	326	3.05	5	<5	<2	12	60	<.2	<2	4	38	.53	.073	27	22	.77	142	.09	13	1.93	.01	.70	<1
KS 249	3	21	20	60	.3	14	6	359	2.84	4	<5	<2	16	60	.3	4	<2	39	.47	.049	28	22	.79	148	.10	6	1.72	.01	.60	<1
KS 250	5	23	13	65	.2	13	8	418	3.23	2	<5	<2	16	52	<.2	<2	5	43	.43	.044	26	25	.90	150	.12	10	1.88	.02	.70	<1
KS 251	2	20	12	60	.1	13	9	415	2.95	6	<5	<2	12	52	.3	2	2	39	.43	.041	25	19	.75	136	.10	12	1.78	.02	.53	<1
KS 252	3	21	18	61	.2	13	8	452	2.80	5	<5	<2	11	50	<.2	<2	6	37	.44	.063	26	20	.73	143	.11	9	1.77	.02	.59	<1
KS 253	1	18	10	62	<.1	9	9	428	2.77	3	<5	<2	13	47	.5	<2	5	38	.38	.056	26	19	.70	119	.11	8	1.71	.02	.60	<1
KS 254	2	18	18	58	.1	11	6	343	2.89	6	<5	<2	12	64	<.2	2	4	38	.46	.062	28	17	.72	144	.10	10	1.65	.02	.52	<1
KS 254	7	21	13	63	.1	9	7	376	3.04	3	<5	<2	13	54	<.2	<2	4	37	.41	.057	28	18	.72	138	.10	9	1.72	.02	.53	<1
KS 254 RE	7	19	11	63	.1	12	7	376	3.01	4	<5	<2	15	53	.5	2	4	37	.42	.055	28	18	.72	131	.10	6	1.70	.02	.52	<1
KS 255	4	20	18	55	.2	13	7	350	3.06	8	<5	<2	11	52	.4	2	6	37	.42	.033	27	20	.64	130	.09	10	1.78	.02	.49	<1
KS 256	2	15	8	42	<.1	9	6	286	2.71	<2	<5	<2	11	41	.2	2	5	36	.37	.045	23	19	.53	106	.07	8	1.48	.01	.41	1
KS 257	<1	17	7	93	<.1	10	10	503	6.75	<2	<5	<2	23	45	.7	<2	<2	33	.64	.048	59	20	1.08	108	.10	10	2.62	.01	.74	<1
KS 258	1	143	11	103	<.1	11	9	611	5.36	2	<5	<2	29	48	.4	<2	4	31	.51	.066	67	17	.87	144	.10	8	2.05	.01	.81	<1
KS 259	<1	22	15	86	<.1	20	9	549	3.69	3	<5	<2	19	46	<.2	<2	2	47	.50	.064	41	24	.96	152	.12	9	2.08	.01	.72	<1
KS 260	1	28	18	101	<.1	17	11	818	3.64	<2	<5	<2	17	49	.2	<2	2	44	.62	.072	40	20	1.00	342	.12	7	2.01	.02	.72	<1
KS 261	1	47	15	120	<.1	21	10	659	4.00	2	<5	<2	19	48	.3	<2	5	45	.67	.056	48	30	1.03	168	.11	12	2.14	.01	.91	<1
KS 262	<1	70	23	119	<.1	26	10	580	4.56	2	<5	<2	16	59	.4	<2	11	51	1.83	.046	41	40	1.27	146	.12	15	2.34	.01	.98	<1
KS 263	1	45	13	77	<.1	11	8	457	3.07	3	<5	<2	18	37	<.2	2	4	36	.39	.049	39	19	.67	117	.09	8	1.62	.01	.49	<1
KS 264	1	25	19	88	<.1	17	11	548	3.56	3	<5	<2	21	39	.6	<2	7	44	.46	.056	49	29	.85	137	.10	7	1.90	.01	.64	<1
KS 265	1	35	8	111	<.1	16	10	621	3.74	5	<5	<2	21	44	.4	<2	6	45	.53	.077	48	25	.99	165	.12	10	1.97	.01	.81	<1
KS 266	1	39	18	109	<.1	19	11	720	4.01	<2	<5	<2	20	43	.5	<2	4	48	.51	.075	55	26	.94	177	.11	8	1.97	.01	.72	<1
KS 267	1	44	16	93	<.1	18	9	584	3.42	3	<5	<2	17	43	.2	2	2	43	.46	.057	39	29	.84	123	.10	6	1.97	.01	.56	<1
STANDARD C/AU-S	18	55	39	128	6.9	66	31	1050	3.96	36	17	7	34	50	17.4	15	20	60	.51	.090	39	58	.91	187	.08	33	1.88	.06	.15	10

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
KS 268	1	36	20	104	<.1	22	10	573	3.57	<2	<5	<2	14	47	.2	2	<2	46	1.05	.067	40	28	1.10	152	.10	9	2.37	.02	.63	<1
KS 269	1	24	19	70	<.1	11	9	551	3.21	<2	<5	<2	19	47	<.2	<2	10	42	.50	.050	66	26	.83	124	.08	3	2.03	.02	.50	<1
KS 270	1	23	26	69	<.1	12	10	795	4.07	6	<5	<2	44	45	.2	5	13	48	.63	.081	109	21	.71	169	.04	4	2.29	.02	.34	1
KS 271	1	28	11	74	<.1	12	9	538	3.47	6	<5	<2	15	64	<.2	<2	7	43	1.29	.066	56	25	1.02	149	.07	5	2.36	.02	.53	<1
KS 272	1	28	19	78	<.1	19	10	468	3.46	4	<5	<2	18	46	<.2	2	6	47	.61	.062	52	34	.95	133	.09	8	2.33	.02	.55	<1
KS 273	1	23	25	74	<.1	16	9	503	3.64	2	<5	<2	24	41	<.2	3	12	48	.51	.073	67	30	.78	140	.08	5	1.72	.01	.49	<1
KS 274	1	27	14	80	<.1	14	10	484	4.13	<2	<5	<2	27	47	.2	2	10	51	.60	.072	68	29	.85	142	.08	4	2.19	.02	.54	<1
KS 275	2	48	19	95	.2	19	8	418	4.15	4	<5	<2	22	71	.2	<2	8	53	1.59	.066	48	31	1.11	153	.05	4	3.13	.01	.70	<1
KS 276	3	51	14	119	<.1	24	12	639	4.47	2	<5	<2	17	42	<.2	4	5	49	2.17	.076	44	38	1.27	153	.10	8	2.02	.02	.63	<1
KS 277	1	23	18	80	<.1	13	9	711	4.01	3	<5	<2	97	46	<.2	<2	27	46	.63	.072	368	22	.82	121	.06	2	2.06	.01	.46	<1
KS 277 18 W	1	23	18	78	<.1	12	10	699	3.97	3	<5	<2	94	45	<.2	3	28	46	.63	.071	354	22	.82	118	.06	9	2.02	.02	.45	<1
KS 278	1	51	12	75	<.1	39	14	594	4.89	2	<5	<2	24	42	.3	<2	5	71	.78	.068	54	50	1.00	123	.09	6	2.48	.02	.45	<1
KS 279	1	25	10	79	.1	15	11	544	4.08	<2	<5	<2	16	47	.3	2	7	53	.61	.070	42	35	1.01	155	.10	4	2.47	.01	.69	<1
KS 280	2	26	14	101	<.1	15	18	1211	7.88	4	<5	<2	104	43	.6	<2	28	84	1.24	.331	198	29	1.04	186	.07	<2	2.27	.01	.79	<1
KS 281	4	46	13	102	.1	14	11	668	4.68	<2	<5	<2	15	44	.3	<2	6	47	.52	.074	41	32	.74	136	.09	6	1.58	.01	.46	<1
KS 282	3	35	18	91	.2	15	10	617	3.95	2	<5	<2	17	44	.6	3	9	43	.68	.073	36	28	.79	136	.09	6	1.77	.02	.56	<1
KS 283	3	33	13	86	.1	10	8	588	3.64	4	<5	<2	19	43	.8	4	7	41	.43	.057	37	27	.66	129	.09	6	1.70	.02	.47	<1
KS 284	3	36	19	92	.3	13	9	617	3.98	4	<5	<2	23	45	.2	<2	2	42	.53	.055	39	29	.79	129	.09	2	1.82	.02	.50	<1
KS 285	4	31	22	90	.2	19	11	937	4.14	<2	<5	<2	22	42	.5	<2	7	47	.47	.067	36	37	.76	106	.08	4	1.56	.02	.51	1
KS 286	1	24	20	74	.1	14	8	486	3.80	5	<5	<2	15	37	.5	2	3	46	.45	.066	30	25	.71	129	.10	6	1.79	.01	.60	1
KS 286	4	31	17	91	<.1	18	12	764	4.94	<2	<5	<2	26	38	<.2	<2	4	51	.46	.078	41	32	.85	134	.10	2	1.62	.01	.64	<1
KS 287	2	32	13	88	.1	14	11	690	4.06	3	<5	<2	14	51	.2	<2	5	46	.67	.080	39	28	.90	149	.10	13	1.77	.02	.75	<1
KS 288	2	26	11	77	.1	20	10	641	3.88	3	<5	<2	14	39	.5	2	<2	46	.43	.070	32	27	.84	150	.11	2	1.64	.02	.66	<1
KS 289	3	41	17	102	<.1	16	13	1133	5.76	3	<5	<2	21	30	.3	<2	3	53	.40	.074	41	30	.94	170	.12	4	1.62	.01	.84	<1
KS 290	1	22	8	72	.1	14	8	531	2.96	<2	<5	<2	13	38	.2	<2	3	39	.38	.065	27	21	.72	137	.10	7	1.53	.01	.60	<1
KS 291	1	22	9	74	.1	15	8	543	3.10	8	<5	<2	11	44	.2	<2	4	47	.41	.060	29	26	.81	147	.11	5	1.81	.02	.64	<1
KS 292	1	26	14	72	<.1	14	8	488	3.18	3	<5	<2	12	39	<.2	<2	3	44	.38	.061	28	26	.66	128	.10	5	1.65	.01	.53	<1
KS 293	1	20	20	98	<.1	19	8	708	3.50	6	<5	<2	16	49	.6	<2	2	49	.51	.077	39	28	1.03	151	.11	2	1.99	.02	.77	<1
KS 294	1	22	22	88	<.1	9	9	689	3.12	6	<5	<2	13	37	1.0	<2	4	44	.38	.065	32	23	.78	134	.09	2	1.62	.01	.54	<1
KS 295	1	78	13	100	.1	14	11	1241	3.70	7	<5	<2	21	51	.7	2	5	55	.76	.120	81	18	.93	201	.08	5	2.15	.01	.54	<1
KS 296	1	24	24	92	.2	11	6	808	2.13	5	<5	<2	45	34	.5	3	9	23	.41	.037	94	14	.45	92	.03	4	1.30	.01	.38	<1
KS 297	3	51	12	129	.1	14	9	691	3.80	8	<5	<2	13	38	.7	<2	2	43	.44	.080	32	26	.82	149	.10	5	1.61	.01	.61	<1
KS 298	3	50	19	136	.2	16	10	768	3.88	8	<5	<2	12	47	.9	<2	13	45	.57	.095	36	25	1.00	163	.12	6	1.90	.01	.75	<1
KS 299	2	32	3	85	.3	15	8	515	3.30	6	<5	<2	16	44	1.0	3	2	41	.48	.044	27	23	.78	127	.10	5	1.78	.01	.56	<1
KS 300	4	22	9	71	.1	12	7	533	3.17	4	<5	<2	14	46	.6	<2	4	38	.47	.054	31	18	.90	138	.11	5	1.87	.02	.61	<1
STANDARD C/AU-S	18	57	38	122	6.6	68	30	1052	3.96	41	21	6	35	50	17.7	15	22	60	.49	.091	40	58	.92	182	.08	32	1.88	.06	.15	10

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

A. ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)25

GEOCHEMICAL ANALYSIS CERTIFICATE

Geofin Inc. File # 94-3967 Page 1

1419 - 133A St., Surrey BC V4A 6A2

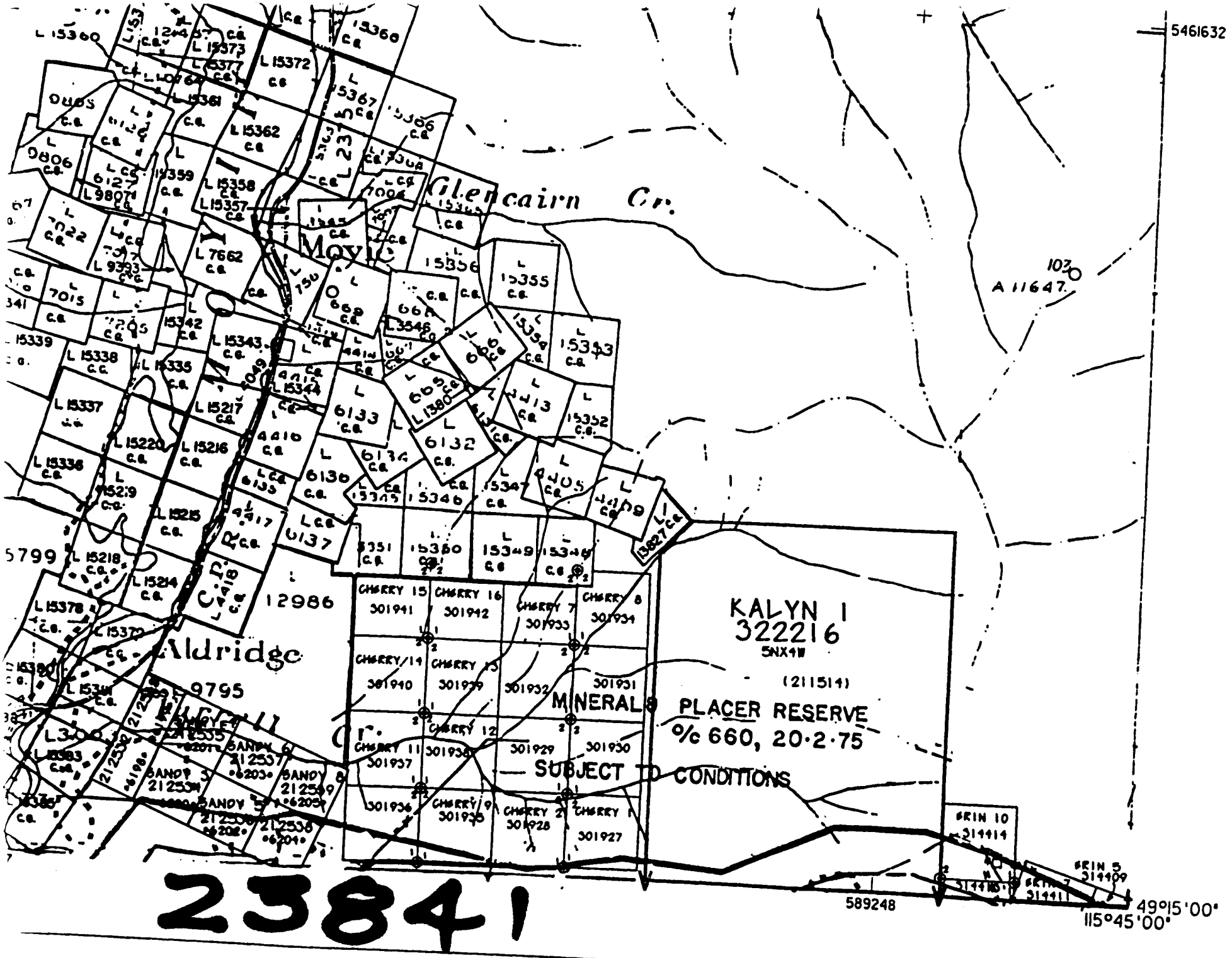
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
M-1	1	25	29	66	.2	17	11	333	3.07	<2	<5	<2	<2	28	<.2	3	<2	8	.03	.003	4	7	.46	1626	<.01	<2	1.10	.01	.01	<1
M-2	1	26	24	55	.1	17	6	257	2.44	3	<5	<2	14	9	<.2	5	<2	13	.06	.012	38	15	.53	299	.08	<2	1.33	.02	.63	<1
M-3	<1	30	15	44	<.1	16	7	241	2.25	3	<5	<2	16	7	<.2	4	3	12	.05	.007	35	13	.50	113	.08	<2	1.25	.02	.58	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 2 1994 DATE REPORT MAILED: Nov 10/94 SIGNED BY. C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAY

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %
K-1	1	24	18	83	.2	15	9	950	2.09	3	<5	<2	5	9	<.2	2	<2	34	.07	.094	16	11	.16	118	.13	3	3.82	.02	.07
K-2	1	21	14	100	.3	17	10	451	1.96	3	<5	<2	5	10	<.2	<2	<2	30	.09	.079	18	12	.23	131	.10	3	3.00	.02	.09
K-3	1	18	16	80	.2	13	8	475	2.06	6	<5	<2	4	8	<.2	<2	<2	26	.07	.095	23	13	.22	91	.09	3	2.19	.01	.13
K-4	1	17	18	63	.2	8	6	212	2.22	4	<5	<2	5	8	<.2	3	<2	39	.06	.156	10	10	.10	70	.13	<2	3.23	.02	.05
RE K-4	1	18	15	63	.3	8	6	212	2.22	4	<5	<2	5	8	<.2	<2	2	40	.06	.155	9	10	.10	70	.13	3	3.22	.02	.05
K-5	1	18	12	114	.4	11	13	1354	2.42	<2	<5	<2	3	9	<.2	<2	<2	40	.07	.248	8	11	.10	105	.13	2	4.48	.02	.06
K-7	<1	15	17	46	.2	11	7	198	2.41	2	<5	<2	9	5	<.2	<2	<2	19	.03	.020	33	11	.24	46	.07	3	1.20	.01	.08
K-8	<1	20	16	66	.1	16	9	350	2.32	<2	<5	<2	7	8	<.2	<2	<2	28	.05	.045	19	13	.22	123	.11	4	2.59	.01	.09
STANDARD C/AU-S	21	63	37	131	7.5	75	32	1084	3.96	43	15	6	39	52	19.0	13	21	60	.50	.097	41	60	.95	186	.09	32	1.88	.07	.18

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.


Kilencairn Cr.
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KALYN 1
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(211514)
MINERAL & PLACER RESERVE
o/c 660, 20·2·75
— SUBJECT TO CONDITIONS
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CHERRY 14 301940
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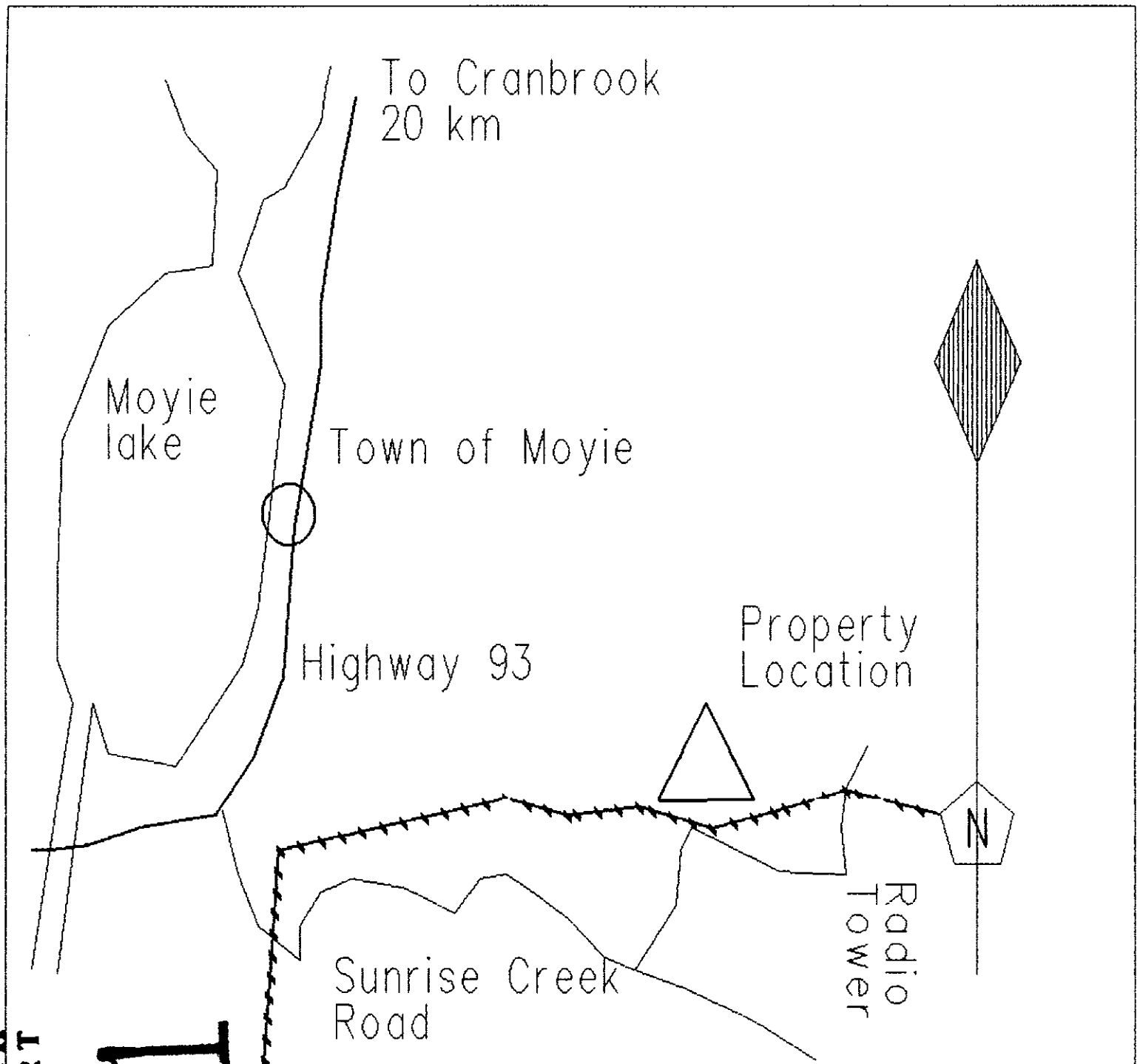
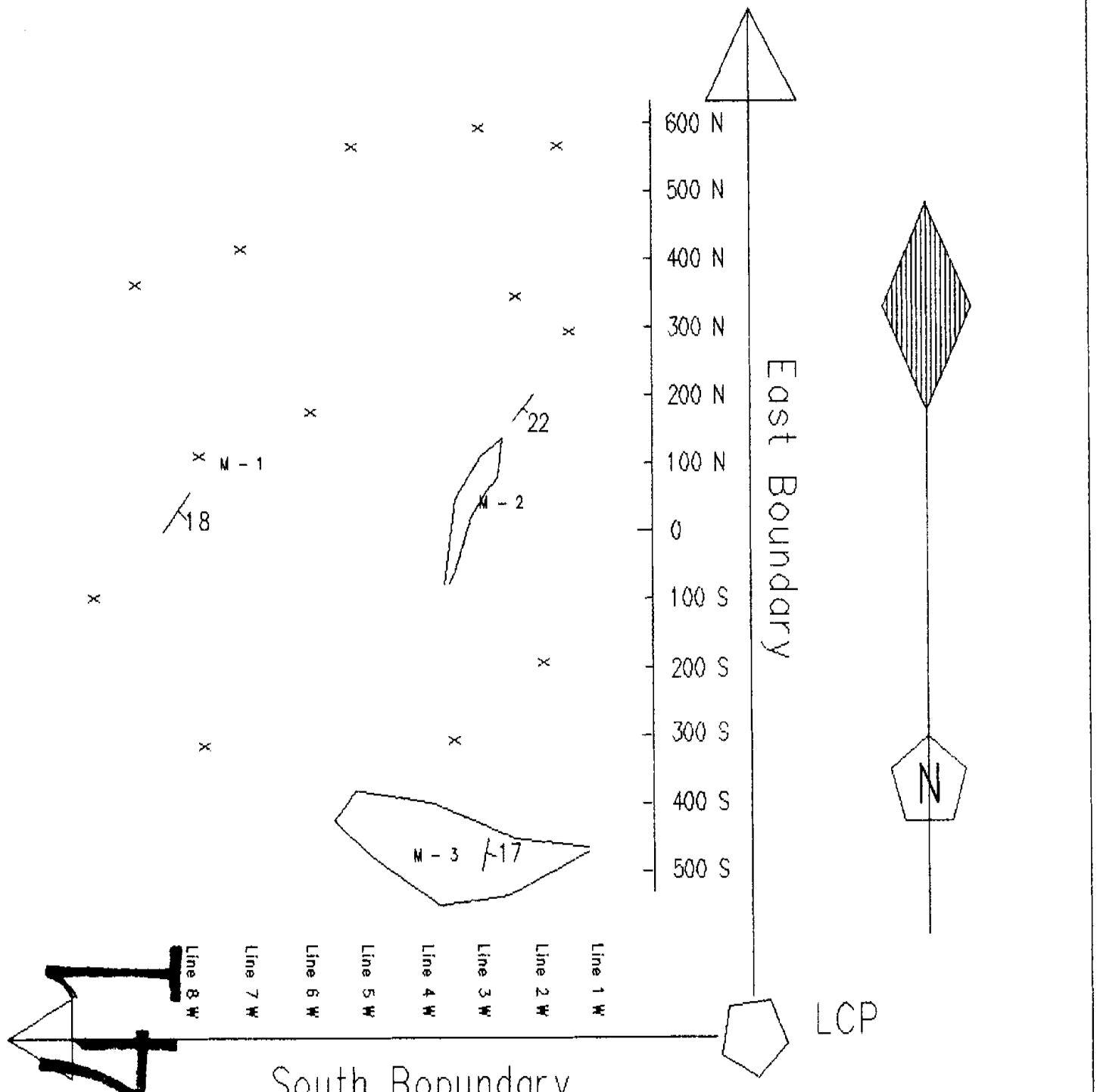


Kalyn Claim

Location Map

MAP 1 March 1995



Sample Location * M - 2

All Out Crops Consisted of Creston Formation Phyllitic Mudstones with minor siltstone and quartzitic units. Thinly bedded

Kalyn Claim

Geology Map

MAP 2 March 1995

23,841

Kalyn Claim

Geochem Survey

Ag/Zn/Pb

MAP 3

March 1995