norontex exploration ltd.

NEWFIELDS-KENGATE
ROWAN LAKE JOINT VENTURE
REPORT ON ADDITIONAL MAGNETOMETER VLF-EM AND SOIL SURVEYS
(Sept. 1986)

Claim Map : Rowan Lake (M-2580)
N.T.S. : 52F/5
Project No: 1183

R. van Enk, M.Sc.
Dryden, November 29, 1986

Dual on this file

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norontex exploration ltd.

SUMMARY

In September 1986 a limited program of VLF, magnetometer and soil surveys was carried out on the Rowan Lake property of Newfields Mineral Inc. and Kengate Resources Ltd. 11.35 line miles of VLF and 13.06 miles of magnetic readings were done followed by the collection of 253 soil samples over anomalous areas.

This work defined three exploration targets:

1) a combined VLF/magnetic/soil anomaly related to semimassive sulphides, strongly anomalous in copper and anomalous in gold.
2) A VLF anomaly probably caused by a bedrock conductor less than 300 ft to the south of semimassive sulphide bearing trenches with copper-gold mineralization.
3) carbonatized, sulphide enriched and silicified outcrop on the shore of Rowan Lake in the southern portion of the property and possibly related to a stronger zone offshore.

Additional work is recommended to further evaluate these targets.

NEWFIELDS-KENGATE ROWAN LAKE JOINT VENTURE REPORT ON ADDITIONAL MAGNETOMETER, VLF-EM AND SOIL SURVEYS

INTRODUCTION

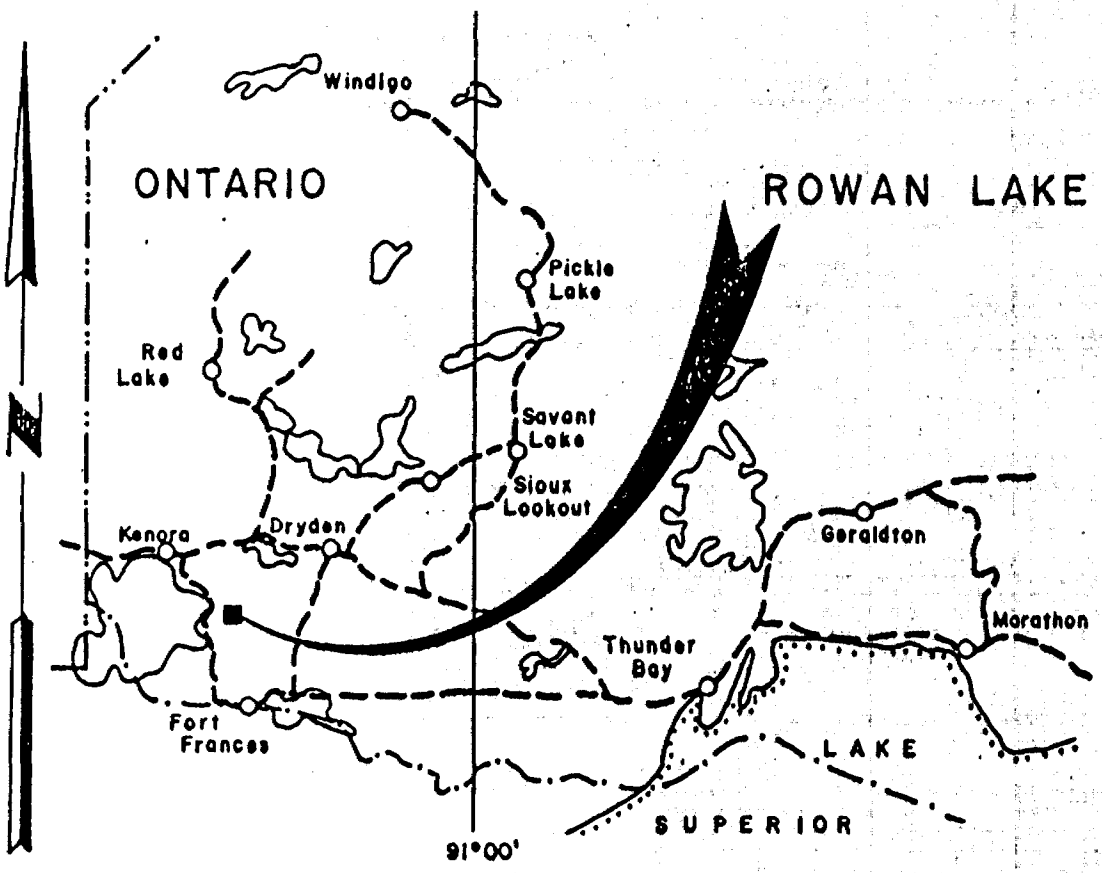
Since 1984, exploration work on the Rowan Lake property has outlined a number of exploration targets. To define these targets in more detail additional work was necessary. This consisted of magnetometer and VLF surveys and subsequent soil sampling over anomalous areas and was carried out by Norontex Exploration Ltd. from Sept. 3 to 27, 1986.

A total of 11.35 line miles of VLF and 13.06 miles of magnetometer readings were done, followed by the collection of 253 soil samples mainly from the B horizon.

LOCATION, ACCESS (see figure 1)

The Rowan Lake property is located on the north shore of Rowan Lake 46 miles southwest of Dryden, N.W. Ontario. A gravel road from Sioux Narrows on Highway 71 to the Cameron Lake deposit of Nuinsco provides access to within 7 miles of the property. Permission to use this road must be obtained from Nuinsco.

Float or ski plane access is available from Dryden, Kenora and Nestor Falls, 23 miles to the southwest of the property. Land access in winter is easy via the above mentioned "Nuinsco" road and the Cameron and Rowan Lake systems.

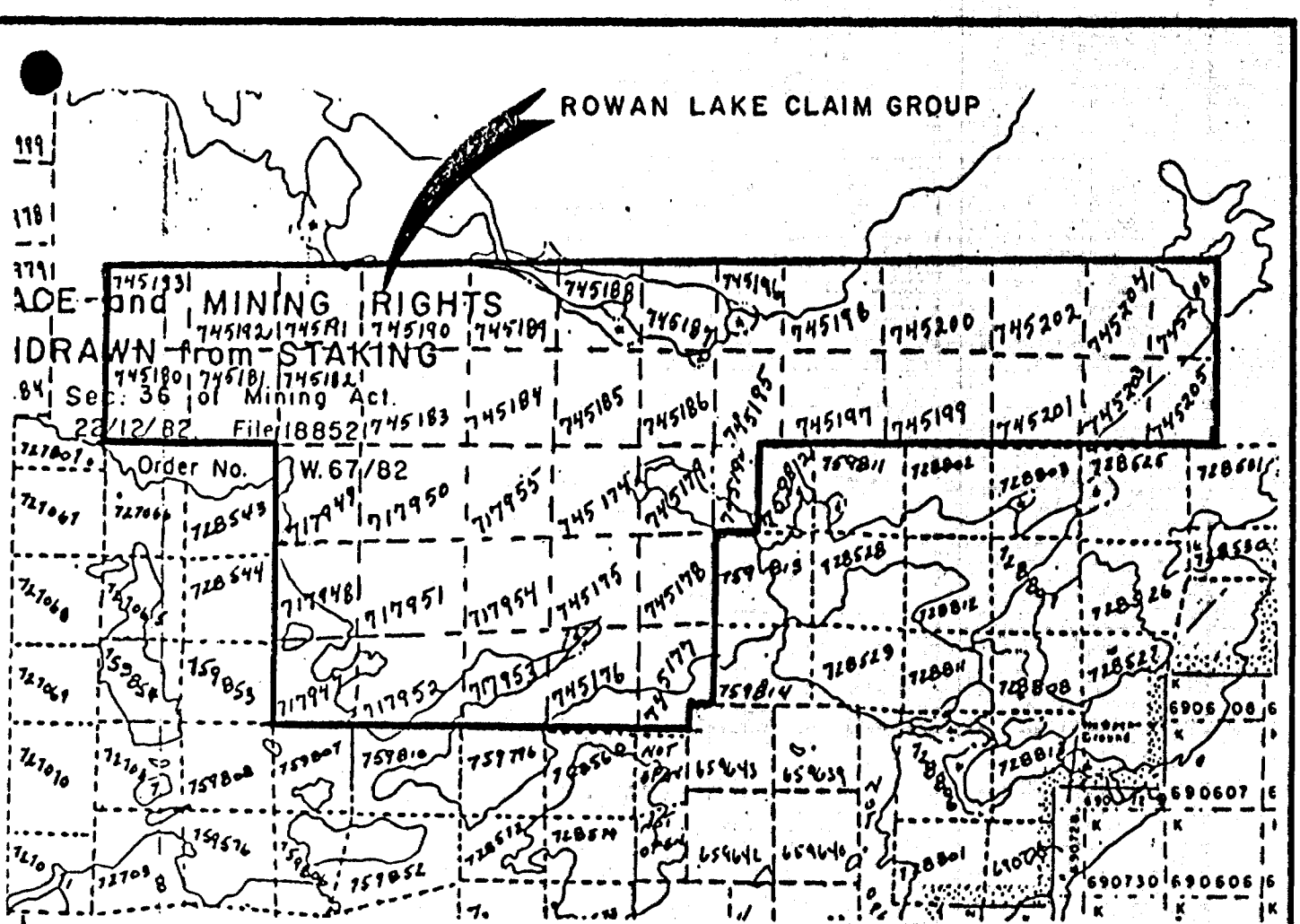


ROWAN-CAMERON LAKE JOINT VENTURE

PROPERTY LOCATION MAP

SCALE 1" = 100 mi

FIGURE 1



ROWAN - CAMERON LAKE JOINT VENTURE

ROWAN LAKE CLAIM BLOCK

SCALE 1 in = 40 chain = 1/2 mi

M-2580

FIGURE 1A

III SUMMARY OF PREVIOUS WORK

The Rowan Lake property was acquired by joint venture partners Newfields Mineral Inc., Kengate Resources Ltd. and Interstrat Resources Ltd in 1984, following developments on Nuinsco's Cameron Lake deposit some 7 miles to the southwest.

Assessment records indicate that earlier exploration work consited of EM-surveying, trenching and limited diamond drilling. This work discovered semi-massive sulphide mineralization including chalcopyrite and low gold values. Certain similarities in mineralization and geological environment with the Maybrun copper-gold deposit 4 miles to the north-northwest, encouraged further work which will be briefly discussed hereafter.

After a geological appraisal by J. Langelaar, P.Eng. (The Rowan Lake Claim group, 1984) a program of geological reconnaissance, combined with limited linecutting and soil sampling was carried out. This program identified several occurrences of disseminated pyrite/pyrrhotite/chalcopyrite mineralization within silicified mafic to intermediate volcanic rocks. Reconnaissance sampling returned several rock analyses between 0.01 and 0.05 oz of gold per ton, with one grab sample assaying 2.17 oz/ton. Copper contents in these samples ran as high as 37,588 ppm (or 3.74%) and silver as high as 20.3 ppm (0.65 oz/ton). (see report on Results of Field

work 1984; Bruce Youngman BSc., May 1985). Most of these results were obtained from a series of trenches in the western and north western portion of the claim-group. The balance of the samples were taken from a gossanous zone at Knappett Cove, from disseminated sulphide mineralization near Bruce Lake and from various locations scattered throughout the property. The best assay values came from the Longe trenches. Soil sampling on the western part of the property and covering the trenched areas revealed scattered anomalies up to 40 ppb Au.

Additional reconnaissance, combined with geological mapping, detailed soil sampling of some trenched areas and a repesentative sampling of the gold bearing sulphide mineralization, was carried out by Seymour Sears in 1985. (see Report on the Geological Mapping and Prospecting Program on the Rowan Lake Claim Group, S. Sears, BA. BSc., Sept. 1985.)

Sears concluded that two potential gold bearing environments exist on the Rowan Lake claim group:

1) quartz-carbonate alteration lenses within shear zones
2) massive sulphide stringer and lenses associated with cyclical mafic volcanic sequences.

The first environment was found to occur in an area from the south boundary to 25 N on line 20(?) E, to

10 N to 30 N on line 110 E. A strong sulphide zone, the Rintamaki showing, was considered to be the only one on the property to have alteration features similar to those at the Cameron Lake and Monte Cristo gold deposits. Assays from the Rintamaki showing, however, ranged only from 75 to 372 ppm in copper and lower than 0.001 oz/ton for gold.

The second environment is represented mainly by mineralization found in the old trenches on the northwestern part of the property. Systematic sampling by Sears confirmed the findings of Youngman, albeit with lower assay values due to the nature of the samples. Sears recommended detailed VLF-EM and Magnetometer surveys and additional soil sampling over the target areas.

Later in 1985 an airborne magnetic and VLF-EM survey was carried out by Terraquest Ltd. of Toronto (see Report on Airborne Magnetic and VLF-EM survey, Rowan Lake area, C. Q. Barrie, MSc, Oct. 28, 1985). The report noted "a good correlation between geologically mapped disseminated pyrrhotite and some magnetic stratiform horizons". Furthermore "a number of VLF-EM conductor axis were found of which some are believed to have potential sulphide origin".

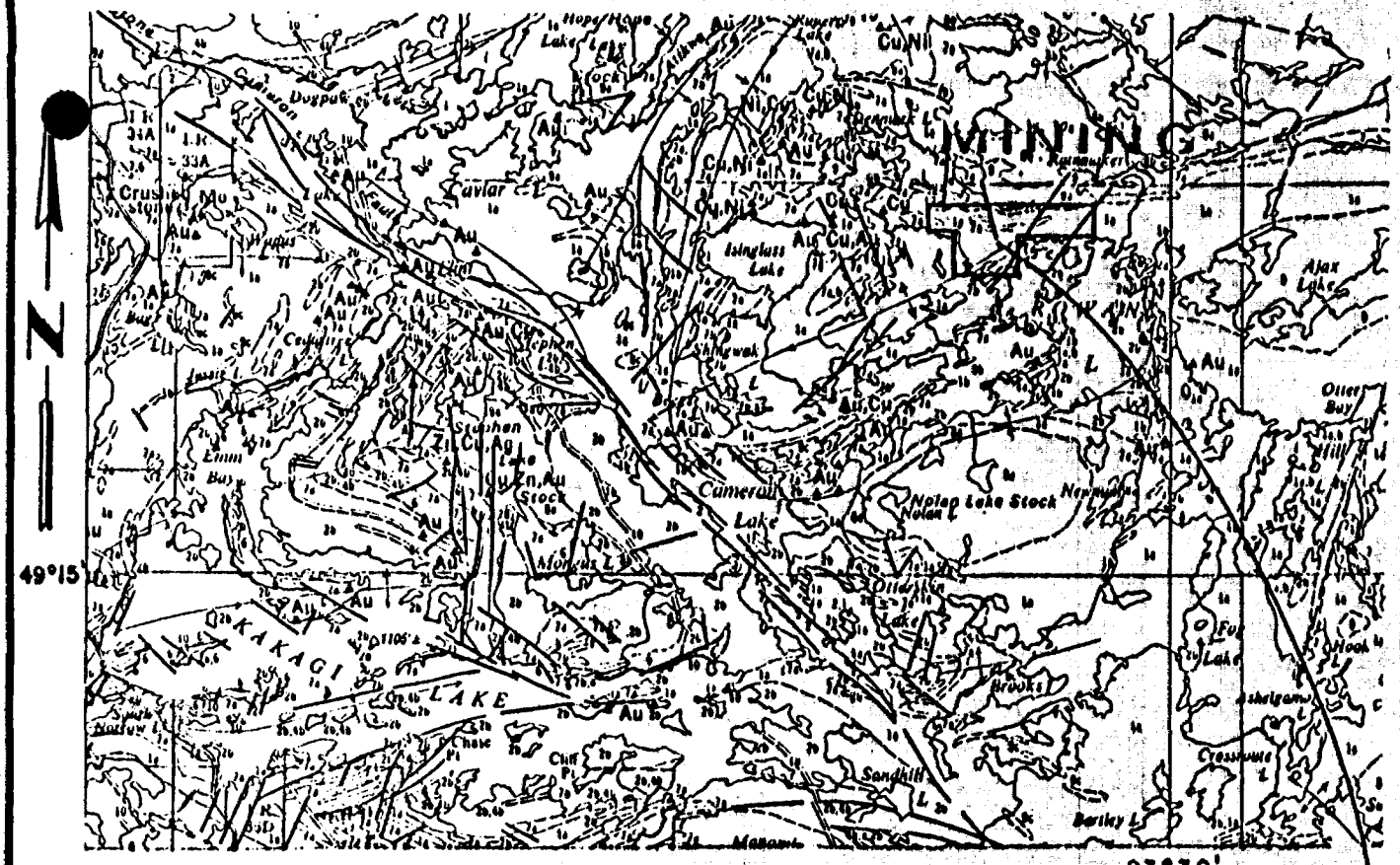
GEOLOGY (figure 2)

The geology of the Rowan Lake area and property has been delt with in the afore mentioned reports. For details reference is made to these works. A brief review is sufficient within the scope of the present report.

The mainly volcanic lithologies underlying the Rowan Lake claim group, are part of the Kakagi-Savant Lake Archean greenstone belt within the Wabigoon Subprovince of the Canadian shield. In the general property area these rocks have been folded in a south-westward plunging anticlinal sequence of which the axis passes through Shingwak Lake and the southern part of the property.

The volcanic sequence is subdivided into a lower group of mafic, tholeitic flows (Rowan Lake volcanics) and an upper group of tholeitic to calc-alkaline flows with intercalating mafic to felsic pyroclastic rocks and minor metasediments (Cameron Lake volcanics) (Trowell et al, 1980; Preliminary Synthesis of the Savant Lake-Crow Lake Metavolcanic-Metasedimentary Belt, N.W. Ontario and its Bearing upon Mineral Exploration; O.G.S. Misc Paper 89).

The volcano-sedimentary rocks are intruded by various felsic plutons and stocks as well as sills and stocks of gabbroic composition . The Rowan Lake property is located in the lower mafic sequence of the above described series, immediately to the south of its contact with the Atikwa batholith. The rocks underlying the



ROWAN LAKE CLAIM BLOCK

- FELSIC AND INTERMEDIATE INTRUSIVE ROCKS
- MAFIC INTRUSIVE ROCKS
- ULTRAMAFIC INTRUSIVE ROCKS
- CHEMICAL METASEDIMENTARY ROCKS
- CLASTIC METASEDIMENTARY ROCKS
- ALKALINE MAFIC METAVOLCANIC ROCKS
- FELSIC TO INTERMEDIATE METAVOLCANIC ROCKS
- MAFIC METAVOLCANIC ROCKS

ROWAN-CAMERON LAKE JOINT VENTURE

REGIONAL GEOLOGY

NTS 52F/3,4,5&6

1 inch = 4 miles

1 : 253,440

FIGURE 2

Geology cont'd

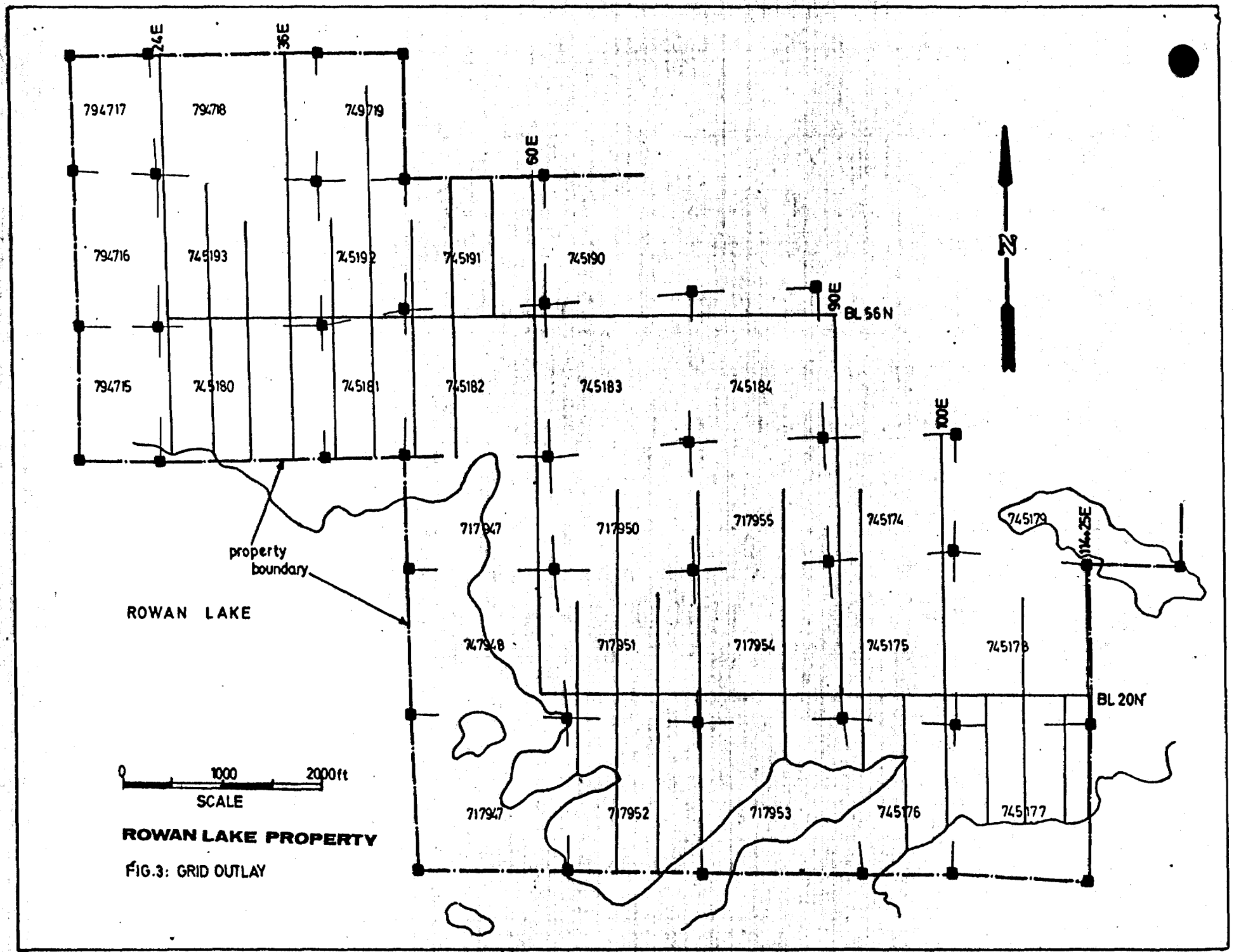
property consist almost entirely of mafic flow rocks with sill-like intrusive bodies of gabbroic compostion and trending in east-northeast-west-southwesterly directions.

PRESENT (1986) MAGNETOMETER, VLF-EM AND SOIL SURVEYS

As a follow up to the above described work, a combined magnetometer-VLF-EM survey and subsequent soil sampling were carried out by Norontex Exploration Ltd. during the month of September, 1986. A number of selected lines were cut over target areas outlined in the reports of Youngman (1985) and Sears (1985). Figure 3 shows the location of the grid lines.

VLF readings were done every 50 ft on these lines, using a Geonics EM-16 VLF receiver tuned to Cutler, Maine at a frequency at 24.0 kHz. The instrument measures the dip of the in phase component as well as the intensity of the out of phase (quadrature) component as a percentage of the in-phase.

Total field magnetic intensity was measured with a Scintrex MP-2 proton magnetometer, every 50 ft under normal and every 25 ft under anomalous conditions. The reading accuracy of the instrument in ± 1 γ. Daily variations were checked by reading a number of base stations on line 28 E at the beginning and



ROWAN LAKE PROPERTY

FIG.3: GRID OUTLAY

Geology cont'd

end of each survey day and by starting the survey of each block with reading the entire baseline. This procedure provides an accuracy of ± 5 γ after correction for daily variation.

After preliminary plotting of the magnetometer and VLF data, anomalous areas were selected for soil sampling. Where available the unleached B horizon soil was collected. In several places however a mixture of A and B or A horizon only had to be taken. The sample material was shipped to Acme Analytical Laboratories in Vancouver and analysed for gold by FA + AA and for 29 additional elements by ICP.

Results of the above described surveys totaling 13.06 miles of magnetic readings, 11.35 miles of VLF readings and 265 soil samples, are presented on 6 maps at a scale of 1" = 200' and included in the back of this report.

Results magnetometer survey

The magnetic background on the surveyed part of the property ranges from 59,650 gammas in the southeast to 59,950 gammas in the northwest. This range probably reflects an increase in basicity in the composition of the volcanic rocks from the southeast to northwest.

Geology cont'd

Two types of anomalies are superimposed on this changing background. The first type is characterized by intensities of up to 60,300 gammas with gradual transition to background values. The anomalies of this type occur mainly in the northern part of the survey area and are thought to be caused by mafic to ultramafic intrusives.

The second type of anomalies is considerably stronger with intensities up to 63,850 gammas. Gradients in the anomalous areas are steep due to the generally narrow widths and flanking "negative" anomalies reading as low as 55,073 gammas. This type of anomaly is considered to represent the effect of magnetic mineralization such as pyrrhotite and possibly magnetite. The most important have been numbered 1 through 7 (see maps 1 and 2 in back pocket)

Anomaly No. 1 occurs in the northwest block of the surveyed area and trends east-west to east-northeast-west-southwest. It is of a complex nature, discontinuous, flanked by magnetic lows and often breaking up into two narrow parallel anomalies. Two trenches with semimassive sulphide mineralization are located in the anomalous area. This fact points to pyrrhotite, contained in the sulphides, as the most probable source of the anomaly.

Geology cont'd

Anomaly No. 2 is located south of No. 1 on the south side of the baseline. There is no direct evidence of pyrrhotite mineralization in the anomalous area. However the occurrence of pyrrhotite bearing semimassive sulphides in the Longe trenches immediately to the east, make this mineral a possible cause.

No evidence of sulphide mineralization was found in association with anomaly No. 3 in the south east block, although a coincident VLF anomaly suggests pyrrhotite bearing semimassive sulphides as a source.

A number of short and narrow, but strong anomalies occur near the west end of baseline 20 N. A combination of sulphide mineralization and mafic to ultramafic intrussive, which both were mapped in this area, may be the cause of these anomalies (No. 4 and 5).

Finally several short but relatively strong anomalies were identified in the south eastern most corner of the surveyed area. No. 6 and 7 are the most conspicuous amongst these. Their source is very likely a combination of ultramafics and pyrrhotite.

Results VLF-EM survey

The VLF survey revealed a great number of anomalies which are identified by capital letters A through V on maps No. 3 and 4 (in back pocket). The majority of

Geology cont'd

these anomalies are caused by terrain effects due to relief, overburden pockets and swamps. Especially swamps are the source of strong anomalies which greatly complicate the interpretation of the VLF data. Four anomalies were finally selected, which cannot readily be correlated with overburden conductors.

The most important of these four seems to be anomaly B in the north west block. It closely follows the trend of magnetic anomaly No. 1 and passes through two trenches carrying semimassive suphide mineralization which must be the cause of at least part of the anomaly.

Anomaly E to the south of baseline 56 N is well defined; however no source is evident. The anomaly passes well to the south of the Longe trenches and has no direct magnetic correlation.

In the south east block anomaly M is poorly defined, but is clearly associated with magnetic anomaly No. 3. This combination of magnetic and VLF anomalies suggests the presence of pyrrhotite bearing semimassive sulphides.

With the exception of its eastern portion anomaly R is equally ill defined, and is also correlated with a magnetic anomaly (anomaly No. 6).

Geology cont'd

Results soil sampling

Assay results for gold and copper of the 1986 soil sampling have been presented together with results of the 1984 sampling on maps Nos. 5 and 6 (in back pocket). Gold contents vary from <1 to 64 ppb and copper contents from 1 to 434 ppm. Background values for the two metals are respectively < 1 ppb for gold and 15 ppm for copper. Further statistical analysis is difficult for gold because of the 1 ppb detection limit. For copper it reveals the existence of an anomalous population of 17% of the samples with a threshold of 40 ppm. Complete sample lists and assay results are included as ANNEXES I and II to this report.

Mainly for presentation purposes, the assay values for gold have been contoured at 5 ppb intervals. Although the validity of these contours is questionable, given the line spacing of 400 ft, they clearly show a concentration of anomalous values in the north west portion of the surveyed area. Two anomalous patterns can be distinguished here; one north of the baseline and a second to the south. The first coincides in part with the combined VLF-magnetic anomaly described above (anomalies 1 and B). The "up-ice" part of this anomaly, (i.e. to the north of the mag/VLF anomaly) is difficult to explain, but may be due to late-glacial to post-glacial surface runoff. Another possibility is

Geology cont'd

the existence of gold bearing mineralization further to the north.

The anomaly south of the baseline is most likely related to the weakly auriferous mineralization in the Longe trenches.

Scattered and isolated anomalies occur in the south-eastern portion of the survey area. They are far less significant than those in the northwestern block and need no further explanation at present.

Geological reconnaissance

During the soil sampling program a limited amount of reconnaissance was carried out. The results can be summarized in the following discoveries:

1) at approximately 40 + 70 E, 64 N a trench was located in mafic volcanics and showing semi-massive sulphide mineralization. Measuring over 60 ft long, it extends in a southerly to southeasterly direction. The sulphides occur as disseminations and as seams and pods in vugs and joints. White glassy quartz was observed as float near the trench and as a boulder at 44 E, 62 + 50 N. Four samples taken from dump material assayed from 526 to 2776 ppm in copper and from 3 to 64 ppb in gold (samples 4290-4293 A_1).

Geology cont'd

2) A rusty shear zone containing py-enrichment, carbonatizion and silicifloation, was located on the shore of Rowan Lake just east of 114 + 25 E,8 N. The zone measures at least 10 ft wide and trends in a westerly direction. Although the alteration features resemble those in the Monte Cristo and Cameron Lake gold deposits, 4 samples from the zone returned only from 2 to 6 ppb Au (samples 4458-4461 A_1)

Alteration of the above described type, was also observed in outcrop on shore at approximately 107 E. Here the alteration is locally accompanied by narrow quartz stringers and stock work and a white quartz vein up to one ft wide. Four samples returned only 1-4 ppb Au (4462-4465 A_1).

It is possible that the above mentioned outcrops are part of a larger zone of alteration located just offshore to the south.

CONCLUSIONS, RECOMMENDATIONS

Conclusions

Magnetometer and VLF-EM surveys followed by soil sampling in Sept. 1986 outlined in more detail a number of exploration targets, which had been defined in earlier work on the Rowan Lake property. The following conclusions are reached:

1) Of the two possible gold bearing environments mentioned by Sears (1985) (see: SUMMARY OF PREVIOUS WORK) the second type (i.e. massive sulphide stringers and lenses associated with cyclical mafic volcanism) appears to be the most promising.
2) Two targets classified under the above mentioned type deserve further attention
   i) a combined magnetometer-VLF anomaly (No. 1 and B) located north of baseline 56 N and covering trenches with semimassive sulphide mineralization. Part of the anomaly is covered by a soil anomaly in gold. Mineralization from the trenches returned up to 64 ppb gold and 2776 ppm in copper. It is assumed that further to the west, where the VLF anomaly is more pronounced, the sulphides become more massive and that, consequently, the potential for copper-gold mineralization increases.
   ii) A magnetic anomaly (No. 2) and VLF conductor (E) resp. to the west and south of the Longe trenches may reflect massive or semimassive sulphide mineralization.

Conclusions, recommendations cont'd

3) A combined magnetometer (No. 3) and VLF Anomaly (M) in the south-east block of the surveyed area may be caused by semimassive or massive sulphides. The lack of gold anomalies in soil samples over the area, however, indicates low potential for the metal.

4) No further indications were found for potential gold mineralization in a "relatively wide zone of shearing in the south part of the claim group" running from the south boundary to 25 North on line 20 (?) East to 10 North to 30 North on projected line 110 East (Sears 1985).

5) Indications for the possible existence of an offshore alteration zone in the southern part of claim 745177, were found in carbonate/sulphide/silica alteration in outcrop on the shore of Rowan Lake.

Recommendations

Further exploration on the Rowan Lake property is recommended as follows:

1) The full length of the combined magnetic VLF anomaly (1 and B) north of baseline 56 N (i.e. from 24 E to 60 E) should be prospected for massive sulphide mineralization. As most of the western part of the anomaly is covered by overburden, two diamond drill holes, collared on line 32 E and 24 E, may be necessary to test to anomaly in this area.

Conclusions, recommendations cont'd

2) If results prove encouraging VLF anomaly E to the south of the baseline should equally be tested by drilling.

3) Additional reconnaissance should be carried out along the shore of Rowan Lake in the southern part of claim 745177 and further to the west. Outcrop should be checked for carbonatization, sulphide enrichment and silicification. It should be kept in mind that the alteration may not be accompanied by schistosity or shearing and very often is not evident in outcrop at first sight.

R. van Enk, M.Sc.
Dryden, November 29, 1986

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CERTIFICATE

I, Rein van Enk, hereby certify that:

1) I am a geologist residing at Dryden, Ontario

2) I am a graduate of the State Universities of Groningen and Utrecht, the Netherlands, and hold a Bachelor of Science and a Master of Science degree in Geology, Geophysics and Petrograpy.

3) I have been practising my profession as a geologist in Canada and internationally, continuously since 1971

4) I am a Fellow of the Geological Association of Canada.

5) I am a Member of the Association of Exploration Geochemists

6) I have no interest, either direct or indirect, nor do I expect to receive an interest, either directly or indirectly, in the property described in this report.

Dated at Dryden, Ont., this 29th day of [illegible], 1986

GEOLOGICAL ASSOCIATION OF CANADA
R. J. VAN ENK M.Sc.

Rein van Enk, M.Sc.

norontex exploration ltd.

NEWFIELDS-KENGATE
ROWAN LAKE JOINT VENTURE
REPORT ON ADDITIONAL MAGNETOMETER
VLF EM AND SOIL SURVEYS
(SEPT 1986)

ANNEX I

SOIL SAMPLING LISTS
(include 1984 sampling)

norontex
3 bedworth rd, r.r. 1 site 11 box 7, dryden, ont. P8N 2Y4

SOIL SAMPLING

CLIENT: NEWFIELDS / INTERSTRAT / RENGATE
AREA: ROWAN LAKE
PROJECT NO. 1152
DATE: NOV 5-9 / 1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
9101 A1	LINE 48E 57N	20	B	fine sand	yell. grey	no samples at 56N and 56+50, cedar swamp
9102 A1	57+50N			fine sandy	dark brown	outcrop, rock fragments
03	58N			fine sand	grey brown	
04	58+50			fine sand	yell. brown	
9105 A1	59N			silty sand	brown	rock fragments between boulders
06	59+50			silty sand	brown	as 9105
07	60N			clayey sand	dark brown	
08	60+50			clayey silt	dark brown	outcrop area some lyssnus, rock fragm.
09	61N			sandy clay	grey brown	boulders 15' W of station
9110 A1	61+50			sandy clay	grey brown	rock fragments
11	62N			silty sand	grey brown	fine rock fragm.
12	62+50			sandy clay	brown	
13	63N			sand	grey	some gravel
14	63+50			silty sand	grey brown	pebbles
9115 A1	64N			silty sand	rusty brown	numerous rock fragm.
16	64+50			silty sand	brown grey	rock fragm.
17	65N			silty sand	grey	boulders swampy rock fragments
18	65+50			silty sand	grey	few rock fragments
19	66N			silty sand	grey	boulders rock fragments
9120 A1	66+50			sand	rusty brown	boulders, rock fragm.
21	67N			sand	grey	boulders, rock fragm.
22	67+50			silty sand	dark brown grey	rock fragm.
23	68N			sand	brown grey	rock fragm.
24	68+50			silty sand	dark brown	outcrop boulders, rock fragm. sample 15' N of station
9125 A1	69N			clayey silt	dark brown	
9126 A1	69+50			silty sand	grey	numerous rock fragm. edge of swamp.
						no sample at 70N swamp.

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SOIL SAMPLING

page no. 2

CLIENT: NEWFIELDS/INTERSTRAT/KENGATE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE 48E					50-51N in swamp
GI 27 A1	51N	20	B	silty sand	grey brown	boulders rock frags.
28	50+50			sand	grey	numerous rock frags.
29	50N			silty sand	brown grey	few small rock frags
GI 30 A1	49+50			"	grey brown	numerous rock frags
31	49N			"	"	" "
32	48+50			silty clay	"	rock frags numerous
33	48N			silty sand	brown grey	"
34	47+50			sandy silt	"	" some humus
GI 35 A1	47N			silty sand	light brown grey	rock fragments
36	46+50			"	yell. brown	"
37	46N			silty clay	grey	" low level terrain
38	45N			sandy silt	"	few small rock frags. humps of clay
39	44+50			sandy silt	grey brown	small rock frags.
GI 40 A1	44N			clayey silt	brown	"
					no sample at 45+50N	(in swamp)

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SOIL SAMPLING

CLIENT: NEWFIELDS/INTERSTRAT/KENGATE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE 44E					
9141 A1	56N	20	B	silty sand	brown	small rock fragments on outcrop slope
9142 A1	56+50			sandy silt	dark brown	outcrop ridge humus contamination
43	57N			"	"	"
44	57+50			"	"	"
9145 A1	58N			sandy silt	grey brown	" small rock fragm.
46	58+50			silty sand	yell. brown	numerous rock fragm.
47	59N			clayey silt	dark brown	humus contam.
48	59+50			sandy silt	brown	by boulders rock fragments
49	60N			sandy silt	grey brown	"
9150 A1	60+50			humus	dark brown	by boulders in edge of outcrop no B-soil
51	61N			humus/clay	"	"
52	61+50			sandy silt	grey	many small rock fragm.
53	62N			silty sand	rusty brown	"
54	62+50			"	brown	"
9155 A1	63N			sandy silt	grey	Boulders
56	63+50			humus/silt	black/grey	boulders
57	64N			sandy silt	grey	some humus small rock fragm.
58	64+50			clayey silt	dark brown	15' N of station outcrop area
59	65N			sand	dark rusty brown	25' N of station rock fragm
9160 A1	65+50			sandy silt	rusty brown	some rock fragm.
61	66N			clay/humus	grey black	boulders outcrop
62	66+50			sandy silt	brown	boulders outcrop many rock fragments
63	67N			silty sand	brown grey	many rock fragm.
64	68N			silty sand	brown grey	" boulders
9165 A1	68+50			"	yell. brown	many small rock fragm.
66	69N			clayey silt	light brown	"
9167 A1	69+50			"	brown grey	on edge of swamp; 70N in swamp

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SOIL SAMPLING

CLIENT: NEWFIELDS/INTERSTRAT/KENGATE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE 36E					
9168 A1	56N	20	B	fine sand	brown/grey	
69	56+50			silty sand	"	15'E of station
9170 A1	57N			sandy clay	light brown/grey	30' E of station
71	57+50			fine sand	rusty brown	50' ENE of station
72	60N			silty sand	brown	(58-59+50N in swamp outcrop no samples)
73	60+50			"	dark brown	some humus outcrop
74	61N			fine sand	yell. brown	few rock fragm.
9175 A1	61+50			"	grey brown	
76	62N			sand	light brown	
77	62+50			clayey silt	light brown	12' E of station some rock fragments
78	63N			sand	brown	some rock fragments some humus
79	63+50			silty sand	"	"
9180 A1	64N			"	dark brown	small rock fragments
81	64+50			fine sand	light yell. brown	
82	65N			sand	light brown	
83	65+50			"	yell. brown	small rock fragm.
84	66N			"	"	"
9185 A1	66+50			sand	grey brown	
86	67N			"	yell. brown	
87	67+50			"	"	
88	68N			silty sand	dark brown	bedrock boulders
89	68+50			"	light yell. brown	rock fragm.
9190 A1	69N			"	brown	pebbles
9191 A1	69+50			"	light brown	small pebbles
9192 A1	70N			clayey silt	brown/grey	rock fragments & boulders

on edge of swamp

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3 bedworth rd, r.r. 1 site 11 box 7, dryden, ont. P8N 2Y4

SOIL SAMPLING

CLIENT: NEWFIELDS/INTERSTRAT/KENGATE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
9193 A1	LINE 40E 57N	50	B	greasy clay	grey	under 50 cm of bog
94	57+50	40	B	"	brown	" 40 " "
9195 A1	58N	20	B	silty sand	grey	with lumps of pink brown clay
96	58+50			"	"	"
97	59N			sand	brown grey	
98	59+50			silty sand	"	
99	60N			greasy clay	pink brown	
9200 A1	60+50			sand	light brown	with small rock fragments
01	61N			sand	yell. brown	rock fragm.
02	61+50			"	rusty brown	" pebbles
03	62N			silty sand	grey brown	fine gravel
04	62+50			sand	rusty yell. brown	
9205 A1	63N			coarse sand	grey yell. brown	small rock fragm.
06	63+50			silty sand	grey brown	boulders
07	64N			sand	yell. brown	boulders pebbles
08	64+50			fine sand	yell. brown	
09	65N			silty sand	yell. brown	boulders, side of hill many small rock fragm.
9210 A1	65+50			silty clay	dark brown	on steep boulder slope some humus, rock fragm.
11	66N			silty sand	dark brown yell.	thick overburden sand and gravel
12	66+50			sand	brown	"
13	67N			coarse sand	rusty yell. brown	fine gravel
14	67+50			"	"	"
9215 A1	68N			sand/fine gravel	yell. brown	" pieces of carbon. schist.
16	68+50			sand	yell. brown	thick overb. sand/gravel
17	69N			sand	"	" small pebbles
18	69+50			"	brown	" "
9219 A1	70N			sand/gravel	dark brown	10' S of station steep rock cliff to N

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dryden, ont. P8N 2Y4

SOIL SAMPLING

CLIENT: NEWFIELDS/INTERSTRAT/KENGATE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
9220 A1	LINE 40E 54+50N	20	B	clay	brown	humus rock frags
21	54N			sand	grey brown	small pebbles
22	53+50			sand	dark yell. brown	rock frags.
23	53N			silt	brown	small rock frags.
24	52+50			sandy silt	light brown	numerous pebbles
9225 A1	52N			fine sand	brown grey	as 9223 outcrops boulders
26	51+50			"	"	some humus small pebbles outcrops boulders
27	51N			"	grey brown	outcrop boulders rock frags.
28	50+50			sand	"	"
29	50N			"	"	as 9226
9230 A1	49+50			silty sand	rusty brown	as 9226
31	49N			silty sand	brown	as 9226
32	48+50			"	rusty brown	rock frags. outcrop boulders
33	48N			fine sand	light brown	pebbles rock frags.
34	47+50			sand	grey brown	many rock frags.
9235 A1	47N			clay	pink brown	many "
36	46+50			grassy clay	dark brown	humus
37	46N			"	grey brown	
38	45+50			"	"	some rock frags.
39	45N			coarse sand	grey yell. brown	
9240 A1	44+50			sand	grey brown	small pebbles
9241 A1	44N			silty sand	"	"
9242 A1	LINE 44E 44N			clay	pink brown	

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SOIL SAMPLING

CLIENT: NEWFIELDS/INTERSTRAT/KENCATE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE 32 E					
9243 A1	57+50 N	50	B	sand	grey	under 50 cm of clay
44	58 N	20	B	clay	pink brown	
9245 A1	58+50			sand	brown grey	rock fragments
46	59 N			sand	yell. brown	
47	59+50			silty sand	"	boulders rock fragm.
48	60 N			sand	brown grey	"
49	60+50			sand	yell. brown	rock fragm. (some rusty)
9250 A1	61 N			"	grey	
51	61+50			silty sand	yell brown	boulders some rock fragm.
52	62 N			sand	yell. grey	boulders
53	62+50			"	rusty brown yell.	
54	63 N			"	brown	boulders many rock fragm.
9255 A1	63+50			"	yell brown	some rock fragm.
56	64 N			fine sand	"	
57	64+50			silt/clay	grey	rock fragm.
58	65 N			clay	brown grey	some rock fragm.
59	65+50			silty sand	"	boulders
9260 A1	66 N			coarse sand	yell. brown	boulders
61	67 N			silty sand	grey	boulder ridge
62	67+50			clayey silt	dark brown grey	boulders outcrop, rock fragm. some humus
63	68 N			silty sand	brown grey	"
64	68+50			silty clay	"	outcrop boulders sample 15' S of station
9265 A1	69 N			clay	dark brown	high outcrop ridge. sample in depression
66	69+50			silty sand	yell brown	humus contam. boulders, outcrop, pebbles
9267 A1	70 N			"	grey brown	15' N of station rock fragm., boulders
	56-57 N	in swamp: no samples				steep N slope, 20' E of station
	66+50 N	boulders: no sample material				

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SOIL SAMPLING

CLIENT: NEWFIELDS/INTERSTRAT/KENGITE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE 28E					
9268 A1	56N	20	B	silty sand	yell. brown	few rock frags.
69	56+50			sand	brown and grey	
9270 A1	57N			fine sand	light grey brown	
71	57+50			silty sand	"	
72	58N			clayey silt	grey brown	
73	58+50			greasy clay	blue grey	
74	59N			"	pink grey brown	
9275 A1	59+50			"	pink brown	
76	60N			clay	light pink brown	
77	60+50			greasy clay	"	
78	61N			clay	pink brown	
79	61+50			silty clay	"	
9280 A1	62N			clay	"	
81	62+50			fine sand	yell. grey brown	slightly upshill
82	63N			fine sand	gold brown	
83	63+50			sand	rusty yell. brown	
84	64N			fine sand	yell. brown	numerous pebbles
9285 A1	64+50			"	grey yell. brown	few small pebbles
86	65N			sand	brown	large pebbles, boulders
87	65+50			silty sand	yell brown	many pebbles boulder ridge
88	66N			"	"	"
89	66+50			sand	brown	boulder ridge, some humus
9290 A1	67N			"	grey brown	" few pebbles
91	67+50			silty sand	grey brown	" "
92	68N			sand	brown grey	"
93	68+50			"	brown	" on edge of outcrop
9294 A1	69N			silty sand	brown	outcrop boulders many pebbles

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SOIL SAMPLING

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CLIENT: NEWFIELDS/INTERSTRAT/KENGATE AREA: ROWAN LAKE

PROJECT NO. 1152 DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE 32E					
9295A1	69+50	20	B	silty sand	brown	outcrop area mixed with gravel
9296A1	70N			silty sand	dark brown	outcrop
	LINE 36E					
9297A1	55+50	20	B	fine sand	yell. brown	
9298A1	55N			"	"	
9299A1	54+50			sand	"	rock fragm. boulders
9300A1	54N			silt	brown	outcrop small rock fragm.
9301A1	53+50			coars sand	grey brown	30' SW of station pebbles, small trench at 53+30N
02	53N			clayey silt	grey	rock fragm.
03	52+50			sand	grey	boulders outcrop
04	52N			sand	grey, yell. brown	small rock fragm.
9305A1	51+50			fine sand	yell. brown	
06	51N			"	"	few pebbles
07	50+50			"	yell. brown	
08	50N			"	grey brown	
09	49+50			sandy clay	grey	25' E of station rock fragm.
9310A1	49N			clayey silt	brown	outcrop humus content.
11	48+50			silty sand	brown	"
12	48N			fine sand	yell. brown	some rock fragm. on outcrop ridge
13	47N			sand	yell. brown	boulders small rock fragm.
14	46+50			sand	grey	"
9315A1	46N			coarse sand	yell. brown	rock fragm.
16	45+50			"	"	"
17	45N			fine sand	dark yell. brown	
18	44+50			"	yell. grey	few pebbles
9319A1	44N			coarse sand	grey brown	pebbles rock fragm.

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SOIL SAMPLING — page no. 10

CLIENT: NEWFIELDS/INTERSTRAT/KENGATE — AREA: ROWAN LAKE

PROJECT NO. 1152 — DATE: NOV 5-9/1984

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE 32E					
9320A1	53N	20	B	silty sand	yell. brown	30' E of station edge of swamp
21	52+50			sand	brown grey	rock fragm. edge of swamp
22	52N			sand	yell. brown	"
23	51+50			"	"	"
24	51N			sand	yell. brown	pebbles, boulders
9325A1	50+50			silty sand	rusty yell brown	"
26	50N			"	"	"
27	49+50			"	grey brown	boulders
28	49N			fine silty sand	rusty yell. brown	boulders, rock fragm.
29	48+50			silty sand	dark brown	pebbles, humus bottom, outcrop
9330A1	48N			"	yell. brown	small pebbles
31	47+50			"	yell. brown grey	boulders small rock fragm.
32	47N			"	yell. brown	boulders
33	46+50			"	rusty yell brown	boulders rock fragm.
34	46N			"	rusty brown	"
9335A1	45+50			"	yell. brown	"
36	45N			fine sand	grey brown	small pebbles boulders
37	44+50			fine sand	brown grey	"
38	44N			sand	brown.	
	55+50 →	53	+50	swamp	no samples	

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SOIL SAMPLING

page no. 1

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
Line	52E →	north				
A4201	56.00N	8"	A	humus	black	
02	56.50N	6"	B	coarse sand	grey	
03	57.00N	8"	B	sandy silt	grey	
04	57.50N	6"	B	brown grey	silty clay	
A4205	58.00N	7"	B	silty sand	brown grey	
06	58.50N	6"	B	fine sand	grey	
07	59.00N	6"	B	silty sand	brown/yellow grey	
08	59.50N	3"	B	silty sand	grey brown	
09	60.00N	4"	B	silt/sand/clay	grey	
-	60.50N	impossible to sample				
A4210	61.00N	4"	B	silty sand	brown grey	humus contam.
11	61.50N	3"	B	coarse sand	brown grey	
12	62.00N	6"	B	coarse sand + silt	brown grey	
13	62.50N	5"	B	silty sand	brown grey	
14	63.00N	6"	B	med sand + silt	brown	
A4215	63.50N	5"	B	coarse sand + silt	brown grey	
16	64.00N	5"	B	silty sand	grey brown	
17	64.50N	7"	B	clayey silt	chocolate brown + sand	
18	65.00N	4"	B	clayey silt	chocolate - rust brown	
19	65.50N	8"	B	clay	dk brown	charcoal pagm.
A4220	66.00N	5"	B	silty clay	grey brown	
21	66.50N	6"	B	silty sand	brown grey	
22	67.00N	4"	B	clayey silt	brown	humus contam
23	67.50N	6"	B	silty sand	grey	
24	68.00N	6"	B	silty sand	grey brown	
A4225	68.50N	6"		silty clay	brown	poor sample charcoal pagm

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SOIL SAMPLING

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
cont'd	52°00 E	—	→	north		
A4426	69°00 N	5"	B	silty sand	grey	minor humus
A4227	69°30 N	2"	A	humus + silty sand		close to bedrock.
				+		
LINE	56°00 E.	—	→	north portion.		
A4228	69.62N	12"	B	clay	grey	
29	69°00 N	5"	B	silty grey	brown grey	
A4230	68°30N	5"	B	fine sand	grey	
31	68°00N	2"	B	fine sand	brown grey	slope run-off
—	67°30N	—		cliff; no sample		
32	67°00N	8"	B	clayey silt	grey	charcoal layer.
—	66°30N	—		no sample.		
33	66°00N	3½"	B	silty clay	dark grey	
34	65°30N	5"	B	clayey silt	light grey brown	
A4235	65°00N	6"	B	silty sand	brown grey	
36	64°30N	6"	B	sandy silt	light brown	
37	64°00N	4"	B	sandy silt	rusty brown	
38	63°30N	4"	B	sand	light brown grey	"swamp"
39	63°00N	5"	B	sandy silt	dark grey	
A4240	62°30N	6"	B	silty clay	dk grey	
41	62°00N	5"	B	clayey silt	brown grey	
42	61°30N	6"	B	silty clay	brown grey	charcoal layer.
43	61°00N	5"	B	silty sand	light grey	
44	60°30N	7"	B	clayey silt	med. grey	
A4245	60°00N	4"	B	sandy silt	br grey	
46	59°30N	5"	B	silty sand	light grey	
47	59°00N	4"	B	fine silt	br. grey.	

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bedworth rd, r.r. 1 site 11 box 7, dryden, ont. P8N 2Y4

SOIL SAMPLING

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
Cont'd	line	56.00		E north.		
A4248	58.00N	8"	B	sandy silt	rust brown	
49	58.00N	5"	B	silt	light grey brown	
A4250	57.00N	5"	B	silty sand	light grey	
51	57.00N	5"	B	silt + coarse sand	yellow grey	
52	56.00N	5"	B	fine sand + silt	yellow grey	
A4253	56.00N	4"	B	clayey silt	dark brown	
				"		
LINE	60.00E	—>		north.		
A4254	69.00N	4"	B	silty sand	grey brown	
A4255	69.00N	5"	B	silt	grey	
56	68.00N	5"	B	silt	grey	
57	68.00N	6"	B	sandy silt	rust brown	
58	67.00N	6"	B	coarse sand	grey	
59	67.00N	5"	B	sandy silt	brown grey	
A4260	66.00N	6"	B	sandy silt	rusty brown	
61	66.00N	6"	B	silt	light brown	
62	65.00N	4"	B	sandy silt	grey	
63	65.00N	8"	B	silt	grey brown	
64	64.00N	3"	B	clay	dark grey	
A4265	64.00N	9"	B	sandy silt	light brown	
66	63.00N	4"	B	sand	light brown grey	
67	63.00N	5"	B	sandy silt	light brown	
68	62.00N	5"	B	silty sand	grey brown	30' west of station
69	62.00N	3"	B	sandy silt	brown grey	humus content.
A4270	61.00N	7"	B	clayey silt	yellow grey	
A4271	61.00N	3"	B	silt	light grey	

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dryden, ont. P8N 2Y4

SOIL SAMPLING page no. 4

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
Cont'd	60.00 E →			north		
A4272	60 30 N	5"	B	sandy silt	light grey	
73	60 00 N	3"	B	sand	brown grey	
74	59 30 N	3"	B	silt	brown grey	
—	59 00 N	—		no sample	bare outcrops	
A4275	58.30 N	9"	B	silty sand	rusty brown	charcoal flecks.
76	58 00 N	4"	B	med. sand	br. grey	
77	57 30 N	6"	B	silt	grey brown	
78	57 00 N	6"	B	clay, silt sand	grey brown	
79	56 30 N	5"	B	clayey silt	brown grey	
A4280	56 00 N	10"	A	humus		swamp.
				+		
LINE	44 00 E		—	north		
A4281	80 30 N	8"	B	silty sand	brown grey	
82	80 00 N	8"	B	silty sand	brown grey	
83	79.30 N	4"	B	silty sand	brown grey	
84	79 00 N	6"	B	silty sand	rusty grey	
A4285	78 30 N	9"	B	clayey silt	brown grey	
86	78 00 N	9"	B	sandy silt	brown grey	
87	77 30 N	9"	B	clayey silt	brown grey	
88	77 00 N	18"	B	clayey silt	brown grey	
A4289	76 40 N	24"	A	humus		swamp.
				+		
LINE	24 00 E		—	north.		
A4294	82 00 N	10"	B	clay	red brown	
A4295	81 30 N	10"	B	clay	brown	
A4296	81 00 N	10"	B	clay	brown red	

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SOIL SAMPLING

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
Cont'd	24°00 E		→	north.		
A4297	80°00 N	14"	B	clay	brown	
98	80°00 N	11"	B	clay	red brown - brown	
99	79°00 N	10"	B	clay	red brown	
A4300	79°00 N	11"	B	clay	red brown	
01	78°00 N	11"	B	clay	brown	
02	78°00 N	10"	B	clay	brown	
03	77°00 N	13"	B	silty clay	orange brown; greasy	
04	77°00 N	7"	B	fine sand	rusty brown	
A4305	76°00 N	7"	B	med. sand	grey brown	
A4306	76°00 N	8"	B	fine sand	yellow	
				"		
LINE	64°00 E		→	north		
A4307	17°00 N	7"	B	sandy silt	yellow grey	
08	17°00 N	9"	B	sandy silt	yellow grey	
09	18°00 N	5"	B	silty sand	brown grey	
A4310	18°00 N	5"	B	sandy silt	yellow grey	
11	19°00 N	4"	B	med. sand	yellow grey	
12	19°00 N	5"	B	silty sand	light brown grey	
13	20°00 N	6"	B	sandy silt	choc. brown	
-	20°00 N	-		no sample		
14	21°00 N	5"	B	silt	dk brown grey	humus content
A4315	21°00 N	8"	B	silt, sandy	brown grey	
16	22°00 N	7"	B	sandy silt	light grey brown	
17	22°00 N	5"	B	silt	dk grey brown - rust brown	
18	23°00 N	6"	B	silty sand	rust brown	
A4319	23°00 N	6"	B	sandy silt	brown	charcoal fragm.

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SOIL SAMPLING

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
Grid Line	64°00E -> north					
A4320	24°00N	5"	B	silty sand	grey	
				"		
Line 68°00E			-	north		
A4321	16°00N	5"	B	coarse sand	brown grey	
-	17°00N	-	no	sample		
A4322	17°00N	4"	B	med/coarse sand	light brown grey	
23	18°00N	5"	B	med sand	brown	
24	18°00N	4"	B	med. sand	med. grey	
A4325	19°00N	7"	B	med/coarse sand	rust brown	
26	19°00N	6"	B	med/coarse sand	rust brown @ 19°00N.	
27	20°00N	5"	B	med/coarse sand	light grey	
28	20°00N	6"	B	silty clay	brown	
29	21°00N	4"	B	silty sand	brown grey	
A4330	21°00N	6"	B	silty clay	dk brown	
31	22°00N	5"	B	silty sand	yellow grey	
32	22°00N	3"	B	sandy silt	brown	
33	23°00N	8"	B	med. sand	brown	
34	23°00N	5"	B	silt	yellow grey	
A4335	24°00N	9"	B	silt	yellow	
				"		
Line	72°00E		->	north		
A4336	17°00N	5"	B	clayey silt	brown	
37	17°00N	4"	B	clayey silt	dark brown	
38	18°00N	6"	B	silty clay	brown	
39	18°00N	2"	A/B	humus + silt	dk brown	humus con'tains
A4340	19°00N	5"	B	clayey silt	brown	

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SOIL SAMPLING

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CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
A4341	19.50N	3"	B	coarse sand	choc. brown	
42	20.00N	7"	B	med sand	grey yellow	
43	20.50N	4"	B	silty sand	grey brown	
44	21.00N	7"	B	med sand	brown	
A4345	21.30N	4"	B	silt	brown	humus contam.
46	21.90N	5"	B	silt	brown	chara frags.
47	22.50N	5"	B	clayey silt	dk brown	
48	23.00N	5"	B	silty sand	lt. grey	chara. frags.
49	23.50N	12"	A	humus	black	swamp
-	24.00N	no sample				
A4350	24.25N	4"	A	humus	black	swamp.
			A-H			
LINE	92.00E	5"	B	silty sand	brown grey	
A 4351	31.00N	4"	B	clayey silt	brown grey	chara. frags.
52	34.50N	3"	B	clayey silt	brown	
53	34.00N	4"	B	silt	brown grey	
54	33.50N	5"	B	silty sand	grey brown	
A4355	33.00N	6"	B	silt	brown	
56	32.50N	6"	B	silt	grey brown	
57	32.00N	4"	B	sandy silt	light grey / brown	
58	31.50N	18"	B	silty sand + clay	grey yellow	
59	31.00N	13"	B	fine - med. sand	yellow grey	
A4360	30.50N	8"	B	fine sand	brown yellow	
61	30.00N	10"	B	silty sand	ochre	
62	29.50N	10"	B	silty sand	yellow brown	
63	29.00N	10"	B	silty sand	brown yellow	
64	28.50N	8"	B	sand + pebbles	yellow grey	

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3[illegible]worth rd, r.r. 1 site 11 box 7, dryden, ont. P8N 2Y4

SOIL SAMPLING — page no. 8.

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
Cont'd	LINE 02	00	E			
A4365	28°00 N	8"	B	sand + pebbles	yellow grey	
66	27°00 N	12"	B	sandy silt + clay	brown grey	
67	27°00 N	3"	B	silt	light brown	
68	26°00 N	3"	B	silty sand	brown	humus contam.
69	26°00 N	4"	B	silty sand	brown	
A4370	25°00 N	3"	B	silty sand	grey yellow	
71	25°00 N	8"	B	clayey silt	med brown - yellow brown	
A4372	24°00 N	5"	B/C	clayey silt	dk brown - black	heavy humus bag sample
				"		
LINE	100.00 E	8"	B	silty sand	brown grey	
A4373	35°00 N	12"	B	silty sand	grey + yellow brown	
74	34°00 N	5"	B	silty sand	grey	
A4375	34°00 N	7"	B	silty sand	grey brown	
76	33°00 N	4"	B	silty sand	grey brown	
77	33°00 N	4"	B	clayey silt	dk grey brown	
78	32°00 N	8"	B	silty sand	grey yellow	
79	32°00 N	3"	B	silt	brown	
A4380	31°00 N	3"	B	sand	grey brown	humus contam.
81	31°00 N	3"	B	sandy silt	grey brown	
82	30°00 N	3"	B	silt	brown	
83	30°00 N	3"	B	silt	brown	
84	29°00 N	4"	B	silty sand	grey brown	
A4385	29°00 N	4"	B	silty sand	brown	
86	28°00 N	5"	B	silty sand - med	brown	
A4387	28°00 N	4"	B	sandy silt	brown	
				"		

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dryden, ont. P8N 2Y4

SOIL SAMPLING

page no. 9

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
"Line"	114.25° E					
A4388	9°00N	10"	B	coarse-med sand	brown	
4389	-> 9°50N	5"	B	sand/silt/clay	grey brown	
A4390	-> 10.50 N	5"	B	med sand	brown grey	
91	11.00N	7"	B	sandy clay	grey brown	
92	11.50N	7"	B	fine-coarse sand	yellow brown	
93	12°00N	8"	B	med/coarse sand	grey brown	
94	12°50N	7"	B	med/coarse sand	grey brown	
A4395	13°00N	6"	B	silty clay	dk brown	
96	13°50N	10"	B	sandy silt	dk brown	
97	14°00N	14"	B	med. sand	yellow brown	
98	14°50N	8"	B	silty sand	yell. brown	
99	15°00N	10"	B	med. sand	grey brown	
A4400	15°50N	6"	B	silty sand	yell. brown	
A4401	16°00N	6"	B	silty sand	yell. brown	
02	16.50N	9"	B	silt	med. brown	
03	17°00N	12"	B	silt	grey yellow	
04	17°50N	13"	B	sandy silt	yellow grey	
A4505	18°00N	12"	B	fine-med sand	yell. brown	
06	18°50N	7"	B	silty sand	light brown	
07	19°00N	7"	B	fine sand	yellow grey	
08	19°50N	6"	B	sandy silt	grey yellow	
09	20°00N	5"	B	sandy silt	grey	
A4410	20°50N	5"	B	fine sand	yellow grey	
				"		

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SOIL SAMPLING

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
	LINE	112.00E				
A4411	20.00N	10"	B	fine sand	light brown	
12	19.50N	6"	B	silty sand	grey brown	humus contam.
13	19.20N	5"	B	clayey silt	brown	
14	18.50N	8"	B	silty sand	brown	
A4415	18.00N	2"	B	sandy clay	grey brown	
16	17.50N	3"	B	sandy clay	grey brown	
17	17.00N	2"	B	sandy clay	brown	humus contam.
18	16.50N	4"	B	clayey silt	dk brown	
19	16.00N	3"	B	silty and	grey	humus contam.
–	15.50N					
–	15.00N			no samples		
–	14.50N					
A4420	14.00N	4"	B	med/fine sand	brown	
21	13.50N	5"	B	med sand	grey	
22	13.00N	8"	B	fine sand	brown	
23	12.50N	9"	B	grey med-	coarse sand; yellowish	
24	12.00N	6"	B	med/coarse sand	yellow grey	
A4425	11.50N	9"	B	coarse sand	yellow grey	
26	11.00N	6"	B	med coarse sand	yell. grey	
27	10.50N	9"	B	coarse sand	grey dk brown	
28	10.00N	10"	B	coarse - clay loam sand	brown	
29	9.50N	4"	B	med-fine sand	light brown	
A4430	9.00N	9"	B	fine sand	brown.	

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SOIL SAMPLING

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont.

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
LINE	108°00 E	A				
A4431	7°00N	5"	B	silty sand	Brown	
32	8°00N	5"	B	silty sand	Brown	
33	9°00N	8"	B	sandy silt	Lt brown	
34	10°00N	8"	B	silt	grey	humus content.
A4435	11N	4"	B	clay	dk brown	
36	12°00N	4"	B	silt	brown	humus content.
37	13°00N	4"	B	clayey	silt, dk brown	
38	14°00N	4"	B	silty clay	brown - red brown	
39	15°00N	5"	B	fine sand	light grey brown	
A4440	16°00N	5"	B	clay silt - gravel	brown	
41	17°00N	6"	B	silty clay	dk brown	
42	18°00N	3"	B	sand, silt	grey brown	
43	19°00N	6"	B	sand	brown	
A4444	20°00N	10"	B	coarse sand	yellow brown - red brown	
				#		
LINE	104°00 E	B				
A4445	19°60N	12"	B	fine sand	brown grey	
46	19°00N	10"	B	silty fine sand	yellow grey	
47	18°00N	4"	B	silty sand	brown grey	
48	17°00N	5"	B	sandy silt	yellow brown	
49	16°00N	4"	B	sand	grey brown	humus content.
A4450	15°00N	4"	B	coarse sand	grey brown	
51	14°00N	4"	B	silty sand	brown	
52	13°00N	5"	B	fine sand	brown	
A4453	12°00N	3"	B	fine sand	brown	

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SOIL SAMPLING

CLIENT: NEWFIELDS / KENGATE AREA: ROWAN LAKE - N.W.Ont

PROJECT NO. N° 1183 DATE: September 1986

sample number	location	depth (cm)	horizon	composition	colour	remarks
cont'd	Line 10+	00 E				
A44354	11 00 N	4"	B	sand	grey brown	
A44355	10 00 N	4"	B	silty sand	brown	
A44356	9 00 N	3"	B	clayey silt	grey brown	
A44357	8 00 N	6"	B	fine sand	grey	
				#		
				END SOILS.		

norontex exploration ltd.

NEWFIELDS-KENGATE
ROWAN LAKE JOINT VENTURE
REPORT ON ADDITIONAL MAGNETOMETER VLF-EM AND SOIL SURVEYS (SEPT 1986)

ANNEX II

ASSAY RESULTS

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 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,Co,P,Cr,Mg,Ba,Ti,B,Al,Na,K,W,Si,Zr,Ce,Sn,Y,Nb and Ta. Au DETECTION LIMIT BY ICP IS 3 ppb.
- SAMPLE TYPE: SOILS AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 16 1984 DATE REPORT MAILED: Nov 22/84 ASSAYER: ...DEAN TOYE. CERTIFIED B.C. ASSAYER

NEWFIELDS MINERALS FILE # 84-3353 PAGE 1

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	Au** ppb
9101A1	1	13	1	19	.1	15	4	96	1.14	2	5	ND	2	6	1	2	2	17	.18	.01	5	20	.31	23	.04	4	.57	.01	.03	2	1
9102A1	1	15	5	62	.1	16	6	150	1.70	2	5	ND	2	9	1	2	2	24	.22	.05	5	22	.30	55	.03	3	.90	.01	.03	2	2
9103A1	1	7	3	19	.2	10	3	47	.76	3	5	ND	2	3	1	2	2	12	.06	.01	4	13	.18	14	.03	4	.48	.01	.01	2	2
9104A1	1	13	2	14	.2	14	3	57	.77	2	5	ND	2	4	1	2	2	13	.10	.01	3	17	.23	13	.03	3	.48	.01	.01	2	2
9105A1	1	69	9	68	.2	57	12	443	2.51	3	5	ND	3	9	1	4	2	31	.38	.04	18	38	.46	65	.05	3	1.56	.01	.04	2	16
9106A1	1	27	4	98	.1	37	11	266	1.82	5	5	ND	2	8	1	3	2	26	.29	.03	7	27	.50	53	.05	3	1.28	.01	.04	2	4
9107A1	2	51	11	248	.1	41	17	995	2.63	4	5	ND	2	13	1	2	2	34	.65	.06	10	29	.39	131	.04	4	2.05	.01	.04	2	36
9108A1	1	77	15	272	.1	32	14	599	3.05	5	5	ND	2	13	1	2	2	60	.82	.16	10	33	.24	156	.03	4	2.37	.01	.04	2	14
9109A1	1	20	8	47	.2	20	10	228	1.41	2	5	ND	2	10	1	2	2	21	.55	.02	9	22	.26	53	.03	3	1.04	.01	.02	2	19
9110A1	1	27	6	70	.1	37	10	197	1.98	2	5	ND	2	7	1	2	2	27	.21	.03	6	34	.46	54	.03	3	1.22	.01	.02	2	11
9111A1	1	18	6	49	.1	23	6	149	1.51	2	5	ND	2	7	1	2	2	22	.13	.03	5	27	.33	37	.03	3	.66	.01	.04	2	9
9112A1	1	139	11	79	.1	59	16	1457	2.21	3	5	ND	3	12	1	2	2	30	.39	.05	21	36	.36	99	.03	3	1.75	.01	.04	2	7
9113A1	1	11	4	81	.1	29	6	212	1.45	2	5	ND	2	5	1	2	2	18	.08	.03	5	24	.30	45	.02	3	.72	.01	.04	2	4
9114A1	1	11	10	65	.1	11	4	588	2.02	3	5	ND	2	6	1	2	2	24	.09	.09	5	17	.21	66	.03	2	.90	.01	.04	2	1
9115A1	1	15	9	81	.1	16	5	210	1.90	2	5	ND	2	4	1	2	2	23	.05	.09	5	19	.31	49	.03	2	1.35	.01	.03	2	3
9116A1	1	15	5	55	.1	11	4	106	1.10	2	5	ND	2	5	1	2	3	17	.08	.01	6	14	.23	41	.03	3	.67	.01	.02	2	4
9117A1	1	9	3	38	.3	14	5	492	1.05	3	5	ND	2	4	1	2	2	16	.06	.02	5	21	.24	34	.03	3	.67	.01	.03	2	12
9118A1	1	2	4	23	.1	6	2	60	.60	3	5	ND	2	3	1	2	2	9	.04	.02	6	10	.12	19	.02	3	.35	.01	.01	2	1
9119A1	1	3	4	39	.1	13	3	202	.91	2	5	ND	2	5	1	2	2	12	.08	.03	5	16	.20	32	.03	3	.43	.01	.02	2	1
9120A1	1	15	9	63	.1	34	6	214	2.48	5	5	ND	2	8	1	2	2	28	.11	.28	4	29	.38	65	.05	3	1.35	.01	.04	2	9
9121A1	1	12	8	63	.1	23	6	149	1.76	2	5	ND	2	7	1	2	2	27	.12	.05	5	25	.41	30	.04	4	.83	.01	.04	2	24
9122A1	1	1	4	6	.1	2	1	14	.32	2	5	ND	2	4	1	2	3	6	.04	.01	3	6	.03	20	.01	5	.15	.01	.03	2	9
9123A1	1	4	5	17	.1	9	2	46	.97	2	5	ND	2	4	1	2	2	16	.04	.02	4	18	.15	20	.02	3	.43	.01	.01	2	4
9124A1	3	418	11	151	.3	298	18	887	3.87	6	5	ND	8	17	1	2	2	40	.43	.11	51	53	.61	233	.06	4	3.58	.01	.10	2	2
9125A1	1	118	12	67	.3	80	11	408	2.71	4	5	ND	4	19	1	4	2	34	.44	.03	30	46	.64	119	.05	3	2.18	.01	.07	2	4
9126A1	1	119	10	54	.2	65	9	621	2.39	3	5	ND	4	21	1	2	2	30	.67	.04	41	35	.59	94	.05	4	1.78	.01	.07	2	8
9127A1	1	3	4	12	.1	4	1	34	.43	2	5	ND	2	5	1	2	2	9	.08	.01	4	9	.11	14	.02	4	.24	.01	.01	2	12
9128A1	1	2	2	7	.3	1	1	20	.22	2	5	ND	2	5	1	2	2	5	.06	.01	4	4	.03	23	.01	5	.14	.01	.01	2	1
9129A1	1	5	2	21	.2	9	2	65	.81	2	5	ND	2	4	1	2	2	13	.07	.02	5	14	.25	13	.04	4	.48	.01	.01	2	2
9130A1	1	6	4	25	.2	11	2	70	.73	3	5	ND	2	5	1	2	2	12	.10	.02	4	13	.24	22	.03	3	.52	.01	.03	2	1
9131A1	1	8	5	32	.3	12	3	95	.94	2	5	ND	2	5	1	3	2	14	.13	.01	5	18	.33	17	.05	3	.59	.01	.02	2	9
9132A1	1	9	2	25	.3	14	3	89	1.14	3	5	ND	2	5	1	3	2	17	.17	.02	6	19	.30	22	.04	4	.66	.01	.03	2	1
9133A1	1	5	4	25	.1	10	3	73	.90	4	5	ND	2	5	1	2	2	14	.09	.01	5	15	.28	20	.04	5	.50	.01	.02	2	1
9134A1	1	6	9	47	.1	9	4	411	.94	2	5	ND	2	7	1	2	2	15	.14	.02	7	16	.24	57	.02	3	.59	.01	.02	2	1
9135A1	1	9	6	75	.1	16	5	273	1.62	2	5	ND	2	7	1	2	2	22	.13	.08	5	26	.36	51	.05	4	.83	.01	.06	2	1
9136A1	1	12	4	40	.1	22	5	157	1.70	3	5	ND	2	8	1	2	2	25	.16	.03	5	41	.56	29	.08	3	.93	.01	.07	2	1
9137A1	1	4	4	14	.1	9	2	52	.68	4	5	ND	2	5	1	2	3	10	.09	.01	5	13	.24	14	.03	3	.46	.01	.03	2	1
STD C/FA-AU	20	57	41	131	7.1	67	26	1050	3.93	41	17	7	33	51	16	12	17	57	.44	.14	37	58	.88	176	.08	40	1.72	.06	.12	13	54

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	Au** ppb
9138A1	1	5	6	14	.2	8	2	78	.67	3	7	ND	4	10	1	2	2	13	.23	.01	8	11	.20	17	.05	5	.48	.01	.05	2	1
9139A1	1	7	6	25	.2	15	4	151	1.38	2	11	ND	5	14	1	2	3	26	.27	.02	10	28	.43	29	.09	6	.79	.02	.11	2	2
9140A1	1	7	3	25	.1	14	3	136	1.16	2	5	ND	3	11	1	2	3	20	.21	.02	7	22	.39	29	.08	6	.71	.01	.07	2	1
9141A1	2	18	9	125	.1	61	10	232	3.18	5	5	ND	2	11	1	2	4	43	.18	.09	7	50	.59	81	.08	9	2.35	.01	.05	2	1
9142A1	2	69	15	177	.1	32	11	542	2.73	2	5	ND	2	10	1	2	2	40	.15	.12	9	34	.37	135	.04	7	2.46	.01	.06	2	1
9143A1	1	12	12	123	.2	22	7	341	2.38	3	6	ND	4	8	1	2	2	36	.14	.08	9	29	.36	85	.06	6	2.03	.01	.06	2	2
9144A1	1	14	13	114	.1	25	7	426	2.34	2	5	ND	2	11	1	2	3	37	.19	.14	8	29	.35	92	.07	6	2.07	.01	.07	2	1
9145A1	1	6	9	63	.1	12	5	772	1.42	4	5	ND	2	11	1	3	2	24	.16	.04	8	18	.26	59	.05	5	.84	.01	.08	2	1
9146A1	1	11	8	70	.1	30	8	309	2.07	2	5	ND	2	8	1	3	3	32	.12	.03	8	49	.53	68	.07	4	1.41	.01	.04	2	4
9147A1	2	19	14	185	.1	48	17	2751	3.83	4	5	ND	2	22	1	5	7	63	.44	.17	9	120	1.29	198	.14	11	2.46	.01	.10	2	1
9148A1	1	7	3	51	.1	19	4	225	1.47	3	5	ND	2	10	1	2	3	24	.17	.03	5	30	.29	35	.06	4	.89	.01	.06	2	1
9149A1	1	17	9	121	.1	46	8	762	2.29	5	5	ND	3	10	1	2	3	31	.14	.10	7	40	.46	85	.06	6	1.73	.01	.07	2	1
9150A1	2	46	21	149	.6	13	8	2076	2.02	5	5	ND	2	11	1	2	2	35	.19	.13	10	21	.20	118	.01	6	1.33	.01	.07	2	1
9151A1	1	20	10	77	.1	10	8	2291	1.18	4	5	ND	2	12	1	2	2	24	.16	.05	11	17	.19	114	.03	5	.94	.01	.07	2	1
9152A1	1	3	4	17	.1	4	1	122	.38	2	5	ND	2	8	1	2	2	9	.10	.02	7	7	.06	30	.02	3	.30	.01	.04	2	2
9153A1	1	8	7	80	.2	248	27	452	3.40	2	5	ND	3	8	1	8	8	18	.14	.04	5	74	1.28	34	.05	6	.88	.02	.04	2	1
9154A1	1	12	9	160	.3	33	9	2500	1.68	3	5	ND	2	20	1	3	4	23	.34	.07	8	27	.45	142	.05	5	1.03	.01	.08	2	1
9155A1	1	2	4	34	.1	5	2	143	.65	4	5	ND	2	7	1	2	3	12	.09	.01	8	11	.12	27	.03	3	.41	.01	.03	2	1
9156A1	1	3	4	34	.1	3	1	68	.51	3	5	ND	2	10	1	3	2	11	.16	.02	7	9	.10	43	.02	4	.28	.01	.05	2	1
9157A1	1	3	5	41	.1	15	3	117	.95	4	5	ND	2	11	1	2	2	17	.15	.02	8	24	.23	34	.05	4	.54	.01	.04	2	2
9158A1	2	26	14	111	.1	20	5	148	3.04	6	5	ND	3	9	1	2	2	48	.10	.23	11	31	.34	93	.04	6	2.20	.01	.07	2	1
9159A1	3	214	11	59	.2	28	7	171	8.75	7	5	ND	2	9	1	2	2	47	.15	.12	8	39	.35	67	.09	11	1.60	.01	.05	2	2
9160A1	2	26	13	62	.1	25	9	113	2.90	4	5	ND	3	13	1	2	2	53	.13	.04	9	32	.33	75	.08	5	2.08	.01	.05	2	1
9161A1	1	64	8	18	.2	5	1	55	.67	3	5	ND	2	5	1	2	2	15	.10	.03	7	11	.11	46	.02	3	.74	.01	.03	2	8
9162A1	1	17	9	92	.2	47	9	226	2.14	3	7	ND	3	10	1	3	2	42	.17	.04	9	73	.61	81	.04	6	1.45	.01	.04	2	4
9163A1	1	11	4	33	.2	34	5	106	1.61	2	5	ND	3	9	1	2	2	25	.16	.02	6	45	.39	18	.06	6	.67	.01	.03	2	1
9164A1	1	13	12	44	.1	28	5	218	1.41	3	5	ND	2	10	1	4	2	21	.19	.03	7	39	.38	58	.05	4	.68	.01	.05	2	1
9165A1	1	21	5	28	.1	25	5	117	1.61	3	5	ND	2	8	1	2	2	28	.18	.03	7	22	.40	25	.08	4	.83	.01	.03	2	1
9166A1	1	7	8	44	.1	17	5	304	1.34	2	5	ND	2	16	1	2	3	26	.24	.02	11	26	.34	59	.07	5	.84	.01	.06	2	1
9167A1	1	3	1	16	.1	7	1	54	.58	2	5	ND	2	8	1	2	2	12	.10	.01	6	11	.16	16	.05	5	.52	.01	.02	2	1
9168A1	1	8	4	25	.1	10	2	54	.89	5	5	ND	2	9	1	2	2	17	.10	.02	8	20	.18	34	.04	4	.82	.01	.04	2	1
9169A1	1	9	1	23	.1	14	4	125	1.34	2	5	ND	3	13	1	2	2	24	.24	.05	8	25	.41	19	.07	6	.78	.02	.06	2	1
9170A1	1	10	5	27	.1	16	4	136	1.58	3	5	ND	5	16	1	2	2	30	.26	.02	11	29	.44	40	.07	7	.98	.02	.08	2	2
9171A1	1	11	2	21	.1	25	5	86	1.79	2	5	ND	2	10	1	2	2	34	.17	.01	6	32	.31	19	.07	4	.98	.01	.02	2	7
9172A1	2	58	14	148	.2	20	17	1145	3.49	5	5	ND	2	27	1	2	2	62	.72	.15	12	25	.39	124	.03	8	1.89	.01	.14	2	8
9173A1	1	11	11	39	.1	11	2	89	1.69	2	5	ND	2	10	1	2	2	34	.16	.04	8	25	.19	37	.03	2	.97	.01	.06	2	4
9174A1	1	20	2	25	.2	23	5	89	1.40	2	5	ND	4	7	1	3	2	23	.14	.05	9	21	.29	25	.05	3	.91	.01	.04	2	1
STD C/FA-AU	19	60	42	126	7.0	66	25	1063	3.94	39	18	7	35	50	16	16	21	56	.44	.14	37	56	.88	176	.08	40	1.72	.06	.14	13	54

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	Au** ppb
9175A1	1	5	4	43	.2	11	4	100	.97	2	5	ND	3	9	1	2	2	19	.14	.02	7	19	.23	27	.05	6	.66	.01	.03	2	2
9176A1	1	9	4	39	.1	19	5	149	1.74	4	5	ND	5	10	1	2	2	34	.17	.02	12	37	.31	35	.07	10	.81	.01	.03	2	7
9177A1	1	25	4	42	.1	32	7	351	1.88	4	5	ND	6	16	1	2	2	34	.30	.04	11	35	.53	37	.09	11	1.19	.01	.09	2	2
9178A1	1	73	10	252	.2	60	21	792	3.47	3	5	ND	5	13	1	2	2	45	.19	.17	11	48	.65	111	.08	16	2.24	.01	.08	2	10
9179A1	2	37	10	138	.2	59	10	219	3.41	6	5	ND	5	10	1	2	2	46	.15	.24	9	53	.67	80	.09	17	2.48	.01	.07	2	10
9180A1	1	28	13	159	.1	42	8	187	3.30	4	5	ND	4	9	1	2	2	46	.12	.27	9	52	.62	69	.08	15	2.54	.01	.06	2	25
9181A1	1	15	4	39	.1	25	4	86	1.27	3	5	ND	3	8	1	2	2	20	.20	.03	7	28	.29	32	.05	7	.94	.01	.03	2	10
9182A1	1	5	4	52	.1	16	3	78	1.35	2	5	ND	4	8	1	2	2	23	.13	.06	6	28	.25	33	.05	7	.74	.01	.04	2	6
9183A1	1	6	3	69	.3	21	4	94	2.13	2	5	ND	5	8	1	2	2	39	.15	.12	9	44	.28	32	.05	9	.88	.01	.05	2	3
9184A1	1	7	4	22	.1	19	5	116	2.06	4	5	ND	7	11	1	2	2	41	.24	.10	12	41	.30	30	.06	9	.64	.01	.06	2	1
9185A1	1	6	3	49	.1	14	4	165	1.41	2	5	ND	4	10	1	2	2	25	.18	.07	7	27	.27	33	.05	6	.70	.01	.04	2	14
9186A1	1	7	5	83	.1	17	5	182	1.52	5	5	ND	3	10	1	2	2	26	.17	.09	8	34	.26	43	.05	8	.77	.01	.04	2	6
9187A1	1	10	3	35	.1	19	3	92	1.29	4	5	ND	4	9	1	2	2	21	.20	.12	7	25	.27	29	.05	6	.65	.01	.03	2	25
9188A1	1	7	6	222	.3	17	8	932	1.32	4	7	ND	3	10	1	2	2	22	.14	.06	8	33	.29	70	.05	7	.80	.01	.10	2	12
9189A1	1	34	4	77	.2	67	10	188	2.56	3	5	ND	4	12	1	2	2	37	.25	.08	7	103	.83	24	.08	9	1.57	.02	.05	2	4
9190A1	1	33	8	191	.2	80	13	412	2.37	5	5	ND	4	11	1	2	2	33	.26	.08	6	80	.72	99	.07	9	2.13	.01	.06	2	17
9191A1	1	45	5	51	.1	47	8	183	2.16	3	5	ND	5	11	1	2	2	32	.25	.04	9	61	.63	37	.08	7	1.49	.02	.03	2	6
9192A1	1	13	3	81	.1	25	6	278	1.84	4	5	ND	4	14	1	2	2	30	.25	.05	11	45	.59	41	.08	8	1.27	.01	.04	2	15
9193A1	1	71	11	101	.1	45	9	242	3.72	2	5	ND	13	30	1	2	2	59	.57	.06	21	73	1.23	184	.17	13	3.52	.03	.35	2	6
9194A1	1	65	15	90	.2	43	11	340	4.37	2	5	ND	11	22	1	2	2	57	.43	.07	15	65	1.25	154	.14	13	3.29	.03	.31	2	6
9195A1	1	16	7	30	.1	18	5	175	1.60	2	5	ND	4	14	1	2	2	25	.25	.04	8	29	.64	45	.09	10	1.13	.02	.12	2	1
9196A1	1	14	5	41	.2	21	5	188	1.77	5	5	ND	5	15	1	2	2	29	.29	.04	9	31	.72	48	.11	6	1.16	.03	.14	2	2
9197A1	1	6	1	19	.3	13	3	84	.96	4	5	ND	4	9	1	2	2	17	.21	.05	7	18	.31	18	.06	4	.59	.01	.04	2	2
9198A1	1	5	3	19	.2	11	2	65	.70	4	5	ND	5	10	1	2	2	12	.14	.01	8	17	.24	17	.06	4	.51	.01	.04	2	1
9199A1	1	68	17	84	.2	56	15	494	4.38	7	5	ND	14	28	1	2	4	62	.45	.04	19	68	1.92	176	.20	12	3.25	.06	.38	2	1
9200A1	1	8	2	35	.1	24	4	114	1.34	2	5	ND	3	9	1	2	2	23	.17	.04	7	33	.41	24	.06	4	.61	.01	.05	2	2
9201A1	1	3	1	59	.1	12	4	205	1.17	2	5	ND	2	7	1	2	2	20	.11	.06	6	24	.21	35	.05	5	.69	.01	.03	2	7
9202A1	1	9	4	99	.1	22	6	167	1.93	3	5	ND	3	9	1	2	2	29	.14	.17	7	35	.33	53	.05	7	1.27	.01	.05	2	2
9203A1	1	12	5	95	.1	23	5	271	2.05	2	5	ND	3	10	1	2	2	34	.14	.07	9	44	.38	62	.07	6	1.12	.01	.05	2	4
9204A1	1	6	3	47	.1	18	4	83	1.79	4	5	ND	3	8	1	2	2	30	.13	.07	7	29	.22	26	.06	8	1.02	.01	.02	2	5
9205A1	1	3	2	30	.2	10	2	70	1.11	5	5	ND	3	7	1	2	2	21	.10	.04	7	22	.17	18	.05	5	.55	.01	.03	2	1
9206A1	1	3	2	39	.1	12	2	151	1.10	2	5	ND	2	9	1	2	2	21	.15	.02	7	24	.20	34	.05	6	.51	.01	.04	2	4
9207A1	1	8	4	52	.1	18	4	101	1.91	3	5	ND	3	9	1	2	2	31	.12	.08	7	30	.32	26	.07	8	1.00	.01	.02	2	10
9208A1	1	7	3	34	.1	16	3	79	1.68	5	5	ND	4	6	1	2	2	31	.10	.03	8	24	.22	20	.07	6	1.02	.01	.03	2	1
9209A1	1	38	9	78	.1	71	10	179	2.66	3	5	ND	4	10	1	2	2	37	.19	.10	7	47	.67	55	.09	5	1.95	.02	.04	2	7
9210A1	1	93	12	59	.2	10	2	66	1.67	6	5	ND	2	8	1	2	2	23	.11	.17	9	23	.12	95	.02	4	1.11	.01	.04	2	1
9211A1 —	3	288	9	389	.2	187	22	1350	2.52	3	5	NB	7	15	1	2	2	31	.37	.13	27	42	.48	120	.06	7	3.04	.01	.07	2	2
STD C/FA-AU	19	58	40	128	7.1	68	26	1059	3.94	42	19	7	36	51	16	15	19	57	.44	.14	38	57	.88	178	.08	41	1.72	.06	.12	13	47

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	Au** ppb
9212A1	1	10	3	33	.2	17	5	351	1.28	4	5	ND	2	8	1	2	2	20	.15	.04	6	23	.31	39	.04	5	.94	.01	.06	2	2
9213A1	1	13	8	53	.3	32	6	155	2.64	3	5	ND	3	9	1	2	2	39	.16	.15	6	53	.44	46	.06	3	1.15	.01	.08	2	2
9214A1	1	8	5	164	.3	26	6	291	2.34	2	5	ND	3	9	1	2	2	35	.13	.18	4	47	.41	64	.05	2	1.21	.01	.13	2	3
9215A1	1	10	4	73	.2	28	5	318	2.07	3	5	ND	3	9	1	2	2	34	.13	.08	4	48	.42	30	.06	3	.92	.01	.07	2	2
9216A1	1	10	3	157	.2	30	8	240	2.38	2	5	ND	5	12	1	2	2	32	.16	.25	3	43	.40	96	.05	2	1.62	.01	.07	2	5
9217A1	1	24	3	50	.2	61	9	140	2.01	3	5	ND	4	9	1	3	2	29	.18	.09	6	41	.59	31	.07	3	1.22	.01	.08	2	3
9218A1	1	26	7	183	.3	56	10	269	3.06	2	6	ND	3	10	1	2	2	39	.14	.22	3	55	.60	82	.07	2	2.20	.01	.09	2	3
9219A1	1	12	6	117	.4	35	7	179	2.12	3	5	ND	3	9	1	2	2	28	.11	.12	5	47	.40	55	.05	2	1.29	.01	.06	2	17
9220A1	1	274	9	179	.1	28	14	141	2.71	5	5	ND	2	14	1	2	2	41	.78	.05	5	29	.35	41	.05	4	1.59	.01	.03	2	16
9221A1	1	194	1	37	.1	25	4	124	1.03	2	5	ND	3	7	1	2	2	18	.18	.02	9	20	.25	17	.05	3	.73	.01	.02	2	1
9222A1	1	72	3	50	.1	21	6	266	1.68	2	5	ND	2	9	1	2	2	28	.27	.03	6	22	.36	40	.06	3	1.07	.01	.03	2	1
9223A1	2	152	15	155	.3	106	26	671	3.38	5	8	ND	4	14	1	2	2	67	.28	.11	5	43	.57	149	.06	2	3.20	.01	.08	2	1
9224A1	1	30	2	55	.1	19	6	323	1.34	2	5	ND	2	8	1	2	2	22	.18	.02	8	19	.27	31	.05	4	.86	.01	.04	2	1
9225A1	1	6	3	20	.2	7	3	123	.74	2	5	ND	2	7	1	2	2	17	.09	.02	7	15	.14	31	.03	5	.45	.01	.03	2	2
9226A1	1	3	1	14	.2	7	1	40	.47	2	5	ND	2	5	1	2	2	8	.08	.01	5	11	.13	14	.03	3	.34	.01	.01	2	1
9227A1	1	5	1	43	.2	22	4	113	1.25	2	5	ND	2	7	1	2	3	21	.12	.03	4	39	.27	22	.04	2	.57	.01	.03	2	1
9228A1	1	4	1	26	.1	20	3	219	1.05	3	5	ND	2	8	1	2	2	18	.12	.02	4	33	.26	19	.03	2	.45	.01	.02	2	1
9229A1	1	3	2	33	.2	7	3	206	.70	2	5	ND	2	7	1	2	3	14	.10	.02	5	14	.15	35	.03	3	.45	.01	.02	2	1
9230A1	1	12	7	64	.2	37	7	411	2.23	4	5	ND	2	10	1	2	2	32	.15	.09	3	39	.44	53	.05	3	1.31	.01	.05	2	1
9231A1	1	13	22	77	.1	27	9	1231	1.61	2	5	ND	2	11	1	2	2	26	.15	.05	7	30	.29	104	.03	3	1.02	.01	.06	2	5
9232A1	1	19	10	103	.1	31	6	189	2.22	2	5	ND	2	8	1	2	2	35	.14	.06	5	38	.41	60	.05	2	1.42	.01	.04	2	1
9233A1	1	9	5	72	.1	26	6	423	1.44	3	7	ND	2	8	1	2	3	24	.13	.03	4	33	.31	37	.04	2	.67	.01	.04	2	2
9234A1	1	21	6	46	.1	48	7	148	1.57	2	5	ND	2	12	1	2	2	22	.43	.03	7	33	.49	37	.06	6	.95	.01	.05	2	2
9235A1	1	36	7	51	.1	52	14	441	3.13	5	5	ND	6	18	1	3	2	40	.61	.02	11	47	1.14	92	.11	8	2.01	.03	.21	2	2
9236A1	2	78	13	92	.5	71	17	1255	4.82	3	5	ND	11	41	1	2	2	60	1.16	.06	46	64	1.39	273	.10	5	3.83	.03	.32	2	2
9237A1	1	33	7	62	.2	37	9	351	2.81	2	5	ND	9	23	1	5	2	39	.71	.05	22	44	1.00	112	.10	6	2.06	.03	.21	2	2
9238A1	1	15	6	34	.1	21	5	154	1.71	4	5	ND	4	14	1	3	2	28	.35	.03	10	30	.53	51	.08	6	1.14	.01	.11	2	2
9239A1	1	6	2	27	.1	14	3	74	.82	2	5	ND	2	8	1	2	2	15	.12	.01	4	18	.26	22	.05	3	.52	.01	.05	2	1
9240A1	1	3	2	20	.1	5	1	47	.81	2	5	ND	2	7	1	2	3	17	.11	.01	6	19	.11	23	.03	3	.35	.01	.03	2	1
9241A1	1	4	2	28	.1	9	2	96	1.06	2	5	ND	2	10	1	2	2	20	.15	.02	3	26	.16	33	.03	3	.37	.01	.03	2	4
9242A1	2	66	16	77	.2	52	22	870	4.54	2	5	ND	11	27	1	9	3	72	.57	.03	12	68	1.94	174	.19	7	3.17	.05	.48	2	1
9243A1	1	30	6	44	.1	31	8	150	2.51	2	5	ND	6	15	1	5	2	35	.55	.05	17	42	.84	118	.08	6	1.61	.02	.20	2	1
9244A1	1	22	9	41	.1	26	8	340	2.33	2	5	ND	5	16	1	5	3	39	.33	.02	10	36	.95	70	.10	5	1.50	.02	.20	2	1
9245A1	1	5	4	29	.2	17	3	83	1.34	2	5	ND	3	8	1	2	2	25	.11	.01	6	36	.33	23	.06	3	.66	.01	.04	2	2
9246A1	1	8	1	64	.1	21	5	183	1.43	2	5	ND	2	7	1	2	2	23	.12	.05	6	35	.33	32	.05	2	.84	.01	.04	2	3
9247A1	1	12	2	85	.1	33	7	302	1.76	2	5	ND	2	10	1	2	2	25	.17	.08	7	43	.45	44	.05	3	1.12	.01	.04	2	4
9248A1	1	8	7	81	.1	26	6	247	1.50	2	5	ND	2	9	1	2	2	23	.13	.05	8	33	.37	60	.05	7	1.04	.01	.04	2	4
STD C/FA-AU	19	60	42	126	6.9	66	25	1054	3.94	41	18	7	34	50	15	16	20	59	.44	.13	38	58	.88	176	.07	38	1.72	.06	.14	12	51

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	Au** ppb
9249A1	1	13	6	44	.1	31	6	144	1.87	2	5	ND	3	12	1	2	2	30	.17	.04	7	51	.46	50	.07	2	1.11	.01	.04	2	6
9250A1	1	2	5	9	.2	5	1	40	.66	2	9	ND	2	7	1	2	2	14	.09	.01	9	18	.10	11	.03	2	.27	.01	.02	2	8
9251A1	1	13	6	45	.2	35	7	231	2.50	2	5	ND	2	13	1	2	2	37	.19	.16	5	52	.42	67	.05	2	1.51	.01	.04	2	2
9252A1	1	5	6	39	.1	19	4	104	1.34	2	5	ND	5	10	1	2	2	25	.13	.02	11	41	.35	33	.06	2	.73	.01	.04	2	2
9253A1	1	9	13	45	.2	34	7	119	2.53	2	5	ND	2	10	1	2	2	38	.15	.19	5	57	.37	66	.04	2	1.64	.01	.05	2	2
9254A1	1	22	10	52	.1	61	10	247	2.75	2	5	ND	2	10	1	2	3	39	.18	.10	4	66	.60	73	.06	2	1.59	.01	.06	2	3
9255A1	1	18	5	31	.1	29	6	206	1.62	3	5	ND	3	8	1	2	2	26	.17	.08	8	34	.35	36	.05	3	.86	.01	.06	2	8
9256A1	1	10	8	71	.2	31	6	135	2.11	2	5	ND	2	10	1	2	2	30	.13	.14	4	40	.38	52	.05	2	1.44	.01	.05	2	12
9257A1	1	7	7	40	.1	20	4	220	1.87	4	5	ND	5	20	1	2	2	33	.24	.02	12	39	.57	54	.11	2	1.16	.01	.14	2	3
9258A1	1	19	10	57	.4	29	7	241	2.63	5	8	ND	7	28	1	3	2	46	.28	.03	11	47	.78	81	.10	3	2.04	.01	.24	2	1
9259A1	1	3	2	25	.1	5	1	52	.43	2	5	ND	2	8	1	2	2	9	.08	.02	11	13	.10	57	.03	3	.40	.01	.04	2	2
9260A1	2	42	9	111	.3	143	15	320	3.49	2	5	ND	3	11	1	2	2	39	.21	.12	6	85	.83	56	.08	2	1.89	.01	.10	2	15
9261A1	1	3	5	33	.1	7	2	112	.75	2	5	ND	2	7	1	2	2	14	.09	.02	7	22	.17	37	.03	4	.49	.01	.02	2	12
9262A1	1	18	9	61	.1	16	3	100	1.36	2	5	ND	2	11	1	2	2	20	.13	.10	9	24	.28	74	.03	3	1.38	.01	.06	2	18
9263A1	1	8	5	44	.2	23	5	434	1.34	2	8	ND	2	7	1	2	2	21	.10	.02	6	42	.35	33	.05	2	.89	.01	.04	2	8
9264A1	1	9	3	34	.1	14	3	90	1.18	2	5	ND	2	8	1	2	3	19	.12	.03	7	31	.26	28	.03	2	.78	.01	.03	2	14
9265A1	2	45	20	74	.2	8	2	242	2.76	4	5	ND	3	7	1	2	2	44	.09	.28	10	23	.18	95	.02	2	2.22	.01	.06	2	2
9266A1	2	49	12	148	.2	57	11	295	3.43	3	5	ND	3	8	1	2	2	47	.15	.33	6	46	.55	83	.06	2	2.88	.01	.07	2	4
9267A1	1	6	4	32	.1	12	2	93	1.26	3	5	ND	2	8	1	2	2	24	.12	.03	6	30	.25	35	.05	3	.75	.01	.02	2	8
9268A1	1	14	5	47	.1	33	6	174	1.95	3	5	ND	3	9	1	2	2	30	.19	.11	6	39	.41	42	.06	3	1.07	.01	.05	2	1
9269A1	1	6	7	83	.1	18	5	144	1.65	3	5	ND	2	8	1	2	2	26	.12	.07	6	36	.34	40	.06	3	.98	.01	.05	2	2
9270A1	1	3	2	26	.1	5	3	275	.87	3	5	ND	2	6	1	2	2	18	.07	.01	5	23	.11	33	.03	3	.35	.01	.02	2	3
9271A1	1	6	6	48	.2	12	5	182	1.21	2	5	ND	4	11	1	2	2	21	.16	.01	9	23	.39	48	.07	4	.76	.01	.06	2	1
9272A1	1	17	8	57	.2	20	6	203	1.79	2	5	ND	4	13	1	2	2	29	.25	.01	7	30	.69	47	.09	5	1.21	.02	.13	2	1
9273A1	3	54	10	67	.2	51	13	390	3.40	7	5	ND	10	27	1	2	2	54	.64	.07	30	47	1.00	190	.12	7	2.27	.02	.26	2	4
9274A1	2	72	20	99	.2	54	23	1100	4.91	5	5	ND	14	31	1	3	2	76	.58	.03	18	72	2.03	206	.20	9	3.53	.05	.51	2	2
9275A1	2	76	18	95	.1	56	18	864	4.93	5	5	ND	14	30	1	4	2	76	.60	.04	23	73	2.18	194	.20	8	3.56	.05	.49	2	1
9276A1	2	33	10	90	.1	34	10	457	2.97	3	5	ND	9	23	1	2	2	49	.46	.04	15	48	1.39	121	.17	5	2.07	.04	.29	2	1
9277A1	2	77	16	94	.3	57	19	723	5.00	2	5	ND	14	32	1	2	2	76	.60	.04	20	75	2.08	226	.20	9	3.79	.05	.50	2	1
9278A1	1	30	9	53	.1	30	7	246	2.77	3	5	ND	7	21	1	2	2	44	.34	.03	10	46	1.16	101	.13	10	2.05	.03	.24	2	1
9279A1	1	15	6	43	.1	20	5	245	1.66	2	5	ND	5	14	1	2	2	29	.23	.02	9	30	.74	55	.10	4	1.15	.02	.10	2	2
9280A1	1	20	7	36	.2	21	6	237	2.00	3	7	ND	5	14	1	2	2	35	.23	.02	8	36	.81	54	.10	5	1.33	.02	.12	2	1
9281A1	1	2	4	15	.2	5	2	108	.86	3	7	ND	2	6	1	2	2	18	.08	.03	4	16	.12	21	.04	4	.31	.01	.03	2	1
9282A1	1	5	8	46	.1	17	4	97	1.78	2	5	ND	2	7	1	2	2	30	.10	.17	5	32	.22	35	.04	4	1.00	.01	.04	2	1
9283A1	1	5	6	44	.1	24	4	82	1.75	4	5	ND	3	9	1	2	2	28	.15	.20	4	37	.24	51	.04	4	1.35	.01	.05	2	1
9284A1	1	9	4	36	.2	26	4	86	1.63	3	5	ND	2	7	1	2	2	27	.12	.07	5	32	.29	25	.05	4	.83	.01	.04	2	1
9285A1	1	7	10	63	.1	31	6	158	2.07	2	5	ND	4	9	1	2	2	32	.13	.10	7	50	.36	41	.05	3	1.23	.01	.04	2	1
STD C/FA-AU	20	59	40	123	6.8	64	25	1064	3.94	42	20	7	34	50	15	15	19	57	.44	.13	38	57	.88	184	.07	39	1.72	.06	.12	13	54

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	Au** ppb
9286A1	2	25	10	92	.2	158	17	353	4.16	6	5	ND	3	20	1	2	2	48	.27	.16	8	125	.82	64	.08	15	1.56	.02	.06	2	1
9287A1	1	20	7	78	.1	63	10	150	2.85	2	5	ND	3	9	1	2	2	44	.12	.14	7	61	.49	62	.07	16	1.86	.01	.06	2	1
9289A1	1	9	4	51	.2	33	5	110	1.77	2	5	ND	2	9	1	2	2	27	.12	.09	7	41	.32	51	.05	31	1.04	.01	.03	2	1
9269A1	1	10	7	110	.2	53	12	1571	2.42	3	5	ND	2	13	1	2	2	30	.21	.11	7	62	.43	97	.05	29	1.22	.01	.06	2	1
9290A1	1	8	9	84	.1	87	13	647	2.67	2	5	ND	2	9	1	2	2	28	.13	.07	9	89	.59	74	.05	26	.96	.02	.04	2	1
9291A1	2	11	9	94	.1	101	18	1558	3.12	3	5	ND	2	9	1	3	2	33	.15	.08	7	93	.68	81	.07	16	1.00	.02	.06	2	3
9292A1	1	4	8	63	.2	18	5	185	1.28	2	5	ND	3	9	1	2	2	22	.13	.03	9	32	.29	62	.05	24	.71	.01	.06	2	1
9293A1	1	10	10	59	.2	23	4	362	1.50	2	5	ND	2	10	1	2	2	23	.18	.06	6	42	.26	61	.04	4	.90	.01	.05	2	1
9294A1	2	21	19	152	.1	22	6	280	3.54	2	5	ND	4	12	1	2	2	43	.15	.47	11	38	.42	115	.04	22	3.19	.01	.11	2	1
9295A1	1	15	10	125	.1	51	8	472	3.10	2	5	ND	2	10	1	2	2	36	.15	.26	9	49	.56	105	.06	26	2.21	.01	.08	2	1
9296A1	1	46	9	86	.1	15	3	109	2.62	2	5	ND	3	14	1	2	2	44	.22	.20	10	31	.35	100	.04	21	1.95	.01	.08	2	1
9297A1	1	4	3	26	.1	13	4	92	1.47	3	5	ND	2	8	1	2	2	25	.16	.06	8	25	.28	33	.06	15	.77	.01	.04	2	1
9298A1	1	19	3	34	.2	17	4	128	1.39	2	5	ND	5	7	1	2	2	23	.16	.10	9	19	.24	36	.05	36	.71	.01	.04	2	3
9299A1	1	54	5	77	.1	41	7	175	2.36	2	5	ND	3	9	1	2	2	33	.19	.19	10	35	.54	74	.07	37	1.45	.01	.05	2	1
9300A1	1	37	9	116	.1	23	9	605	2.21	2	5	ND	2	7	1	2	2	34	.10	.10	8	34	.36	71	.04	14	1.40	.01	.04	2	8
9301A1	1	11	7	56	.2	17	5	398	1.59	3	5	ND	2	6	1	2	2	26	.10	.06	6	37	.35	39	.05	25	.83	.01	.04	2	1
9302A1	1	8	10	72	.1	13	5	356	1.49	2	5	ND	2	7	1	2	2	29	.09	.05	9	26	.31	45	.03	5	.85	.01	.04	2	10
9303A1	1	2	4	28	.2	9	2	67	.86	2	5	ND	3	6	1	2	2	18	.09	.01	9	23	.16	16	.04	6	.38	.01	.03	2	1
9304A1	1	9	3	47	.1	15	3	329	1.24	2	6	ND	3	7	1	2	2	21	.13	.07	6	19	.22	22	.05	4	.62	.01	.04	2	1
9305A1	1	8	5	77	.1	18	5	222	1.96	2	5	ND	4	10	1	2	2	35	.17	.11	11	29	.29	59	.05	6	1.12	.01	.04	2	40
9306A1	1	8	6	72	.1	23	6	269	1.70	3	5	ND	2	7	1	2	2	28	.11	.11	7	33	.30	49	.04	16	1.00	.01	.04	2	1
9307A1	1	3	5	42	.3	11	3	542	1.03	2	5	ND	2	5	1	2	2	16	.07	.08	5	17	.16	55	.03	22	.71	.01	.05	2	1
9308A1	1	5	5	22	.1	9	3	94	.65	2	5	ND	2	6	1	2	2	12	.08	.01	7	12	.18	25	.04	2	.58	.01	.03	2	1
9309A1	1	14	5	53	.1	15	5	167	1.11	2	5	ND	2	8	1	2	2	21	.10	.02	10	23	.33	47	.05	4	1.07	.01	.03	2	1
9310A1	1	52	11	184	.1	19	9	1409	2.70	2	5	ND	2	9	1	2	2	43	.12	.16	13	33	.36	138	.03	30	1.88	.01	.06	2	1
9311A1	1	52	9	79	.1	27	5	155	2.40	4	5	ND	3	6	1	2	2	39	.07	.20	10	36	.37	58	.04	7	2.29	.01	.03	2	37
9312A1	1	10	5	34	.1	21	5	113	1.46	3	5	ND	3	7	1	2	2	22	.09	.09	8	27	.25	44	.04	5	.96	.01	.03	2	1
9313A1	1	10	5	136	.1	35	9	207	1.78	2	5	ND	2	8	1	2	2	25	.14	.07	9	41	.40	65	.06	15	1.04	.01	.06	2	1
9314A1	1	4	5	35	.1	14	4	637	1.04	2	5	ND	2	12	1	2	2	19	.20	.02	9	29	.24	66	.04	5	.48	.01	.05	2	1
9315A1	1	22	8	77	.1	44	8	198	2.97	3	5	ND	4	10	1	3	2	46	.17	.17	11	49	.60	54	.08	10	1.45	.01	.09	2	1
9316A1	1	11	4	93	.3	24	6	132	2.20	2	5	ND	5	8	1	2	2	38	.13	.09	11	38	.36	54	.06	7	1.04	.01	.06	2	1
9317A1	1	14	6	42	.1	31	7	137	1.74	2	5	ND	2	8	1	2	2	26	.15	.09	8	29	.34	45	.05	7	1.13	.01	.05	2	1
9318A1	1	5	5	27	.1	17	4	108	.95	2	5	ND	4	7	1	2	2	15	.14	.03	8	17	.20	35	.05	32	.70	.01	.03	2	1
9319A1	1	16	4	66	.1	42	9	307	1.89	2	5	ND	2	11	1	2	2	29	.21	.03	10	37	.56	56	.07	8	1.17	.01	.04	2	1
9320A1	1	12	1	19	.1	24	4	83	1.39	2	5	ND	2	10	1	2	2	22	.18	.02	6	26	.33	46	.05	48	.77	.01	.04	2	1
9321A1	1	6	1	6	.1	7	1	29	.46	3	5	ND	2	7	1	2	2	10	.15	.01	6	14	.09	16	.03	2	.37	.01	.02	2	1
9322A1	1	3	4	11	.1	8	2	37	.70	3	5	ND	3	4	1	2	2	14	.06	.01	5	15	.12	20	.04	23	.40	.01	.02	2	1
STD C/FA-AU	19	59	38	126	6.9	66	25	1070	3.94	40	19	7	35	49	16	15	21	59	.44	.14	38	58	.88	184	.07	41	1.72	.06	.12	12	47

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	Au** ppb
9323A1	1	5	6	20	.1	18	4	90	1.99	2	5	ND	4	9	1	2	2	41	.18	.04	10	39	.26	27	.07	9	.73	.01	.03	2	1
9324A1	1	3	5	18	.1	11	3	72	1.80	2	5	ND	3	8	1	2	2	40	.13	.02	7	36	.21	16	.07	6	.56	.01	.03	2	1
9325A1	1	7	7	31	.1	22	5	92	2.30	2	5	ND	4	8	1	2	2	43	.13	.06	11	47	.25	39	.06	9	.97	.01	.04	2	32
9326A1	1	9	4	37	.1	21	6	100	1.88	2	5	ND	5	9	1	2	2	30	.15	.03	10	38	.32	55	.07	7	1.28	.01	.04	2	2
9327A1	1	6	4	29	.2	12	3	84	.92	2	5	ND	3	9	1	2	2	19	.12	.01	8	17	.24	33	.06	4	.64	.01	.03	2	5
9328A1	1	85	9	41	.1	39	7	130	2.35	5	5	ND	5	7	1	2	2	35	.16	.10	11	38	.48	27	.07	9	2.41	.01	.04	2	3
9329A1	1	38	18	103	.2	15	4	181	3.24	4	5	ND	3	9	1	2	2	50	.11	.29	13	29	.34	71	.04	10	2.54	.01	.07	2	26
9330A1	1	9	8	50	.1	20	5	107	2.01	3	5	ND	3	7	1	2	2	32	.10	.12	10	29	.27	65	.06	7	1.53	.01	.04	2	1
9331A1	1	3	2	20	.1	8	2	56	1.02	2	7	ND	3	6	1	3	2	20	.09	.02	7	20	.16	14	.05	5	.55	.01	.03	2	1
9332A1	1	52	4	47	.1	48	10	152	2.59	5	5	ND	4	10	1	2	2	39	.16	.06	10	41	.52	77	.09	8	1.92	.01	.05	2	1
9333A1	1	13	6	71	.1	24	6	134	2.40	4	5	ND	3	11	1	2	2	39	.14	.11	10	37	.39	59	.07	8	1.70	.01	.06	2	1
9334A1	1	9	8	94	.1	19	5	175	2.68	5	5	ND	5	15	1	3	2	44	.21	.24	11	33	.47	59	.11	9	1.81	.01	.07	2	1
9335A1	1	21	4	73	.2	41	7	107	1.93	4	5	ND	5	9	1	3	2	30	.15	.13	9	41	.34	34	.06	8	1.30	.01	.04	2	7
9336A1	1	8	5	87	.1	17	4	234	1.47	6	5	ND	2	10	1	2	2	23	.14	.17	7	29	.26	93	.04	6	1.04	.01	.04	2	1
9337A1	1	14	5	58	.1	22	5	312	1.50	5	5	ND	3	9	1	3	2	23	.16	.09	7	30	.32	57	.05	5	.88	.01	.04	2	1
9338A1	1	17	7	151	.2	38	9	183	2.89	5	5	ND	7	12	1	2	2	49	.19	.21	10	50	.44	109	.06	9	1.57	.01	.06	2	1
STD C/FA-AU	19	58	42	126	6.8	65	25	1069	3.94	42	21	7	36	49	16	14	21	58	.44	.14	37	54	.88	180	.07	42	1.72	.06	.12	12	54

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.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,CA,P,CR,MG,BA,TI,B,AL,NA,K,W,SI,ZR,CE,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-HUMUS P2-B SOILS P9-ROCKS AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.
P - PULVERIZED

DATE RECEIVED: OCT 1 1986 DATE REPORT MAILED: Oct 8/86 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

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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	Au* PPB
A-4281	1	17	14	20	.1	9	2	35	.40	11	5	ND	1	66	1	2	2	4	1.96	.056	6	5	.11	97	.01	11	.25	.01	.04	1	1
A-4280	1	53	2	25	.1	14	4	91	.91	2	5	ND	1	53	1	2	2	10	2.05	.093	21	11	.15	119	.01	6	.72	.01	.04	1	1
A-4289	1	36	7	44	.1	19	3	140	.88	2	5	ND	2	62	1	2	2	19	2.75	.069	16	14	.35	118	.02	15	.80	.01	.08	1	2
A-4349	1	39	2	11	.1	7	2	123	.35	2	5	ND	1	38	1	2	2	4	5.85	.067	5	6	.08	62	.01	14	.34	.01	.02	1	1
A-4350	1	13	2	4	.1	2	1	28	.25	2	5	ND	1	41	1	2	2	3	5.88	.037	2	3	.06	44	.01	12	.22	.01	.01	1	2

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	Au* PPB
A-4202	1	6	3	18	.1	11	3	71	.96	2	5	ND	3	8	1	2	2	20	.10	.002	8	29	.25	25	.07	3	.58	.02	.04	1	1
A-4203	1	8	9	34	.1	19	6	182	1.79	3	5	ND	5	12	1	5	2	36	.35	.016	10	30	.53	45	.10	4	1.04	.03	.12	1	1
A-4204	1	32	7	60	.3	43	12	682	3.31	2	5	ND	8	18	1	2	2	55	.58	.030	15	57	.88	136	.10	7	2.36	.05	.16	1	1
A-4205	1	15	2	35	.1	30	7	156	2.02	3	5	ND	3	9	1	3	2	35	.24	.045	6	39	.56	33	.06	5	1.11	.03	.07	2	1
A-4206	1	5	4	21	.1	8	2	162	.72	2	5	ND	3	9	1	2	2	15	.31	.012	8	15	.15	31	.03	3	.47	.02	.04	2	1
A-4207	1	11	4	67	.2	30	7	136	1.65	2	5	ND	3	7	1	2	2	26	.13	.082	6	34	.35	58	.05	4	1.11	.02	.06	1	1
A-4208	1	15	9	105	.1	44	8	158	2.41	2	5	ND	2	8	1	5	2	37	.14	.066	11	39	.42	50	.06	6	1.68	.02	.05	1	1
A-4209	1	5	4	46	.1	28	7	201	1.29	2	5	ND	2	8	1	3	2	22	.14	.022	6	33	.38	32	.04	9	.65	.02	.04	1	2
A-4210	1	23	12	84	.1	36	14	247	2.12	3	5	ND	2	17	1	2	2	38	.34	.054	12	37	.59	73	.05	5	1.82	.04	.08	1	2
A-4211	1	13	7	66	.1	25	11	185	1.96	2	5	ND	3	8	1	2	2	38	.21	.021	9	27	.48	58	.13	3	1.44	.03	.04	1	1
A-4212	1	7	6	29	.1	16	4	96	1.26	2	5	ND	2	7	1	2	2	22	.15	.017	7	36	.32	40	.03	4	.67	.02	.02	1	1
A-4213	1	34	11	70	.1	31	9	446	2.27	2	5	ND	2	13	1	2	2	37	.21	.059	7	32	.40	94	.05	4	1.65	.03	.06	1	6
A-4214	1	23	9	137	.1	63	14	182	3.80	2	5	ND	5	11	1	2	2	56	.13	.173	7	45	.49	106	.05	5	4.29	.03	.09	2	1
A-4215	1	3	2	27	.1	13	3	71	.82	4	5	ND	2	8	1	2	4	21	.13	.010	8	28	.20	37	.04	3	.62	.02	.03	1	1
A-4216	1	6	6	34	.1	19	5	102	1.49	4	5	ND	3	10	1	3	2	34	.16	.015	8	34	.34	38	.06	4	.77	.02	.04	1	1
A-4217	1	34	9	99	.2	25	11	254	2.13	2	5	ND	2	10	1	6	2	40	.15	.048	9	29	.38	84	.04	4	1.36	.02	.05	1	1
A-4218	1	413	13	284	.1	61	51	520	8.11	2	5	ND	3	6	1	2	2	196	.14	.086	4	20	1.07	160	.13	2	3.51	.04	.14	1	1
A-4219	1	126	19	164	.3	28	10	260	4.39	4	5	ND	4	10	1	2	2	84	.15	.271	8	34	.35	143	.05	5	2.58	.02	.10	1	1
A-4220	1	6	5	30	.1	8	2	59	.95	2	5	ND	3	7	1	2	2	22	.12	.015	8	21	.17	40	.04	3	.64	.02	.03	1	1
A-4221	1	15	6	28	.1	15	4	78	1.50	2	5	ND	3	7	1	5	2	31	.12	.013	8	19	.27	48	.05	3	1.23	.02	.02	1	1
A-4222	1	15	11	104	.2	14	8	497	1.92	2	5	ND	2	13	1	7	2	43	.35	.039	8	23	.30	68	.03	4	1.25	.02	.05	1	1
A-4223	1	6	5	34	.1	17	4	138	1.24	5	5	ND	2	8	1	2	2	25	.25	.019	7	30	.32	40	.04	4	.84	.02	.04	1	1
A-4224	1	8	5	45	.1	21	5	88	1.52	5	5	ND	2	8	1	4	2	31	.12	.035	8	31	.30	37	.04	3	1.05	.02	.03	2	1
A-4225	3	166	16	169	.2	28	28	1817	7.10	2	5	ND	3	8	1	7	2	70	.13	.124	4	37	.41	168	.06	2	2.16	.03	.07	1	64
A-4226	1	5	6	20	.1	14	3	69	1.00	2	5	ND	2	9	1	5	2	21	.15	.011	8	29	.25	49	.03	3	.52	.02	.04	1	2
A-4227	1	25	19	33	.1	12	3	80	1.03	2	5	ND	1	10	1	2	4	24	.06	.034	11	24	.13	77	.02	5	.94	.01	.04	1	1
A-4228	1	103	18	113	.3	65	26	802	5.60	4	5	ND	17	32	1	2	2	91	1.09	.031	24	84	2.39	275	.24	8	4.01	.11	.43	1	1
A-4229	1	84	16	114	.2	60	24	703	5.37	6	6	ND	13	27	1	2	2	86	.70	.034	19	82	2.24	221	.23	10	3.98	.09	.47	1	1
A-4230 P	1	26	6	154	.2	37	12	1145	2.31	4	5	ND	3	17	1	2	2	39	.41	.045	9	52	.76	114	.06	6	1.39	.05	.11	1	1
A-4231	1	9	4	92	.1	19	6	237	1.42	2	5	ND	3	9	1	2	3	25	.18	.039	8	28	.41	45	.07	2	.77	.02	.04	1	1
A-4232	1	29	17	136	.1	24	9	518	2.84	2	5	ND	3	7	1	3	3	54	.13	.106	7	34	.38	98	.05	3	1.96	.02	.05	1	1
A-4233 P	1	15	14	104	.3	29	20	2329	1.82	3	5	ND	2	26	1	2	2	32	.48	.047	6	28	.43	268	.04	8	1.11	.05	.06	1	1
A-4234	1	30	5	93	.1	68	15	365	2.72	2	5	ND	4	11	1	2	2	48	.26	.078	7	42	.68	116	.09	3	1.96	.03	.06	1	1
A-4235 P	1	17	6	61	.2	46	10	693	2.08	2	5	ND	2	14	1	2	2	32	.38	.050	4	39	.68	71	.06	7	1.01	.05	.05	1	1
A-4236	1	19	7	81	.1	79	14	592	2.70	2	6	ND	2	14	1	6	2	38	.27	.087	3	92	.87	74	.07	6	1.64	.03	.06	1	1
A-4237	1	39	9	106	.1	103	19	271	3.16	2	5	ND	4	9	1	2	2	45	.21	.096	5	58	.83	82	.10	5	2.15	.03	.07	1	1
STD C/AU-S	21	59	39	134	7.0	69	28	1013	3.97	41	17	7	34	48	18	16	21	67	.48	.102	34	59	.89	179	.08	36	1.73	.09	.13	12	50

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	Au* PPB
A-4238	1	15	6	62	.1	61	11	276	2.28	3	6	ND	2	10	1	5	2	33	.26	.040	9	60	.67	37	.06	9	.96	.02	.08	1	1
A-4239	1	24	9	105	.3	45	14	1434	1.69	4	5	ND	2	16	1	4	2	25	.52	.054	22	26	.44	136	.03	9	.99	.03	.08	1	2
A-4240 P	2	77	11	106	.7	104	18	1093	4.16	3	5	ND	5	22	1	2	3	72	.52	.090	21	53	.64	255	.04	14	4.23	.04	.12	1	1
A-4241	1	13	9	85	.1	22	6	304	2.30	2	5	ND	2	8	1	2	2	44	.16	.059	8	37	.57	62	.06	10	1.40	.02	.07	1	2
A-4242 P	1	10	10	46	.1	21	5	208	1.76	5	5	ND	2	10	1	2	2	32	.21	.045	6	32	.41	62	.04	8	1.06	.04	.05	1	1
A-4243 P	1	6	7	42	.1	6	5	836	.98	3	5	ND	1	10	1	2	2	16	.13	.019	6	14	.16	85	.03	5	.50	.02	.07	1	1
A-4244	1	8	8	69	.1	11	5	780	1.25	4	5	ND	1	9	1	2	2	24	.17	.049	10	20	.21	106	.02	6	.88	.02	.06	1	1
A-4245	1	10	5	128	.1	23	7	1004	1.73	2	5	ND	3	13	1	5	2	28	.22	.071	8	31	.37	114	.04	7	1.13	.02	.06	1	1
A-4246	1	5	3	91	.1	12	6	231	1.14	2	5	ND	2	6	1	2	2	22	.10	.024	9	21	.27	52	.04	5	.72	.02	.04	1	2
A-4247 P	1	11	8	67	.1	20	6	206	2.37	5	5	ND	1	10	1	2	2	42	.22	.062	6	34	.50	55	.04	8	1.20	.03	.07	1	1
A-4248	1	14	10	110	.2	24	8	130	2.38	2	5	ND	3	10	1	9	2	37	.17	.136	9	32	.45	85	.06	9	1.86	.02	.07	1	1
A-4249	1	9	6	80	.1	23	8	131	2.02	6	5	ND	3	12	1	2	2	32	.19	.103	12	30	.38	99	.05	6	1.64	.02	.04	1	4
A-4250	1	2	2	24	.1	7	2	59	.76	5	5	ND	1	7	1	2	2	14	.10	.013	6	21	.19	32	.03	4	.41	.01	.02	1	1
A-4251 P	2	10	11	86	.2	29	19	2929	2.87	2	5	ND	5	13	1	2	4	42	.22	.077	12	29	.55	131	.05	9	1.47	.03	.07	1	1
A-4252	1	15	5	41	.1	18	7	268	1.53	2	5	ND	2	7	1	2	3	27	.14	.020	8	29	.43	43	.06	7	.96	.02	.04	1	1
A-4253	1	19	9	160	.1	34	11	920	3.24	5	5	ND	4	12	1	2	4	48	.31	.265	12	41	.58	163	.05	10	2.57	.03	.09	1	3
A-4254	1	16	4	72	.1	26	8	406	1.75	2	5	ND	2	11	1	2	2	29	.21	.071	7	30	.43	59	.05	8	1.21	.02	.06	1	1
A-4255	1	3	5	22	.1	4	2	188	.67	4	5	ND	2	7	1	2	3	15	.09	.013	7	16	.10	43	.02	4	.33	.01	.05	1	1
A-4256 P	1	5	5	47	.1	10	7	1007	1.28	2	5	ND	1	9	1	3	2	23	.13	.034	5	21	.18	99	.03	6	.55	.03	.05	1	1
A-4257	1	31	6	54	.1	39	9	173	2.69	10	5	ND	3	9	1	2	2	45	.24	.071	9	39	.70	36	.07	9	1.84	.03	.06	1	1
A-4258 P	1	5	2	20	.1	13	4	249	1.14	3	5	ND	1	11	1	4	2	21	.20	.015	7	24	.27	40	.03	4	.55	.03	.04	1	1
A-4259 P	1	8	7	53	.2	16	5	253	1.35	2	5	ND	1	12	1	4	2	23	.18	.031	7	19	.30	63	.04	5	.79	.03	.07	1	1
A-4260	1	13	8	76	.1	25	6	107	2.43	2	5	ND	2	8	1	2	2	40	.13	.099	8	29	.35	64	.04	7	2.10	.02	.06	1	1
A-4261	1	17	7	67	.1	27	8	103	2.41	6	5	ND	2	11	1	2	2	36	.18	.120	8	32	.38	81	.06	10	2.18	.03	.04	1	1
A-4262 P	1	4	3	36	.1	7	4	237	1.08	5	5	ND	1	8	1	2	2	18	.14	.028	5	13	.20	52	.04	4	.53	.03	.07	1	1
A-4263	1	13	7	57	.1	23	8	482	1.97	2	5	ND	2	11	1	2	2	30	.20	.112	8	29	.36	73	.05	7	1.41	.02	.05	1	1
A-4264 P	1	20	8	62	.2	14	5	233	1.88	5	5	ND	1	9	1	4	2	37	.19	.061	6	28	.44	67	.02	7	1.04	.02	.05	1	3
A-4265	1	53	5	60	.1	32	7	117	2.10	4	5	ND	2	10	1	2	2	33	.16	.062	6	34	.44	39	.06	5	1.79	.02	.05	1	1
A-4266	1	11	2	48	.1	15	5	146	1.22	2	5	ND	2	10	1	2	2	21	.16	.021	9	21	.37	53	.06	5	.78	.02	.05	1	1
A-4267	1	4	3	39	.2	9	3	90	1.22	3	5	ND	3	7	1	2	2	24	.11	.014	9	16	.23	22	.06	4	.56	.02	.04	1	1
A-4268	1	7	4	38	.1	13	5	98	1.31	4	5	ND	3	7	1	2	2	24	.12	.017	9	23	.34	34	.06	5	.76	.02	.05	1	1
A-4269	1	17	7	105	.2	24	8	472	2.66	2	5	ND	2	16	1	2	2	41	.29	.078	8	31	.63	92	.08	9	1.50	.03	.11	1	1
A-4270	1	12	2	29	.1	18	5	121	1.58	4	5	ND	3	7	1	4	2	27	.20	.046	9	27	.49	26	.07	5	.93	.02	.11	1	1
A-4271	1	7	2	49	.1	10	4	98	1.07	2	6	ND	3	9	1	2	2	18	.13	.013	10	21	.27	41	.04	4	.73	.02	.06	1	16
A-4272	1	4	3	25	.1	11	3	91	.96	5	5	ND	3	7	1	2	2	18	.15	.024	7	18	.33	20	.07	4	.61	.02	.05	1	12
A-4273	1	12	8	78	.1	27	9	189	2.18	3	5	ND	2	7	1	2	2	48	.16	.033	8	26	.61	36	.09	6	1.15	.03	.06	1	1
STD C/AU-S	21	57	39	131	6.8	67	27	984	3.95	37	16	7	34	47	17	16	20	65	.48	.101	38	57	.88	174	.08	38	1.72	.08	.13	14	50

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	Au* PPB
A-4274	1	7	7	65	.1	12	4	102	1.57	4	5	ND	2	7	1	2	2	28	.12	.067	6	18	.26	50	.05	4	1.07	.02	.03	1	2
A-4275	2	65	14	119	.1	36	11	221	3.34	3	5	ND	4	8	1	2	2	51	.12	.284	12	36	.53	53	.07	6	2.76	.02	.09	1	2
A-4276 P	1	60	12	112	.2	23	20	402	3.10	2	6	ND	2	12	1	2	3	50	.29	.025	6	27	.48	63	.06	6	1.01	.05	.05	1	3
A-4277	1	31	7	131	.1	40	15	269	2.51	2	5	ND	4	10	1	2	2	36	.23	.030	7	38	.57	96	.06	5	2.50	.03	.09	1	1
A-4278	1	22	3	28	.1	27	7	111	1.82	5	5	ND	2	7	1	2	2	27	.13	.012	4	31	.41	21	.06	4	.92	.02	.03	1	2
A-4279	1	14	6	31	.1	20	7	123	2.12	2	5	ND	3	27	1	2	2	36	.67	.015	8	26	.50	46	.08	3	1.15	.04	.04	1	3
A-4281	1	6	9	69	.2	30	6	120	1.47	3	5	ND	3	8	1	3	2	25	.11	.038	9	43	.31	53	.04	4	.91	.02	.06	1	2
A-4282	1	8	4	56	.2	28	6	115	1.77	5	5	ND	3	7	1	2	2	31	.12	.035	7	38	.35	40	.07	4	.84	.02	.07	1	2
A-4283	1	1	3	10	.1	4	1	27	.42	2	5	ND	1	7	1	4	3	10	.09	.011	6	22	.07	19	.02	2	.22	.01	.03	1	3
A-4284	1	9	4	25	.1	19	5	110	1.39	2	5	ND	3	8	1	2	2	27	.21	.045	7	27	.44	19	.07	3	.77	.02	.06	1	2
A-4285	1	21	10	52	.1	27	8	245	2.32	5	5	ND	6	19	1	2	2	45	.30	.023	13	40	.78	75	.10	6	1.57	.04	.19	1	2
A-4286	1	10	7	44	.1	26	6	130	1.56	2	5	ND	3	8	1	2	2	27	.16	.025	8	33	.54	26	.07	3	.96	.02	.07	1	3
A-4287	1	10	6	31	.1	21	6	160	1.33	2	5	ND	4	10	1	5	2	25	.20	.023	11	33	.46	33	.07	4	.76	.03	.07	1	3
A-4288	1	15	7	42	.1	24	7	248	1.92	3	5	ND	7	16	1	2	2	37	.30	.026	12	35	.63	61	.10	4	1.22	.04	.17	2	3
A-4294 P	1	116	27	109	.1	63	20	604	5.56	4	5	ND	16	33	1	2	2	87	.63	.030	40	77	2.48	244	.21	10	3.60	.14	.45	1	2
A-4295 P	1	51	19	84	.1	39	14	382	3.99	4	5	ND	16	34	1	5	2	79	.41	.022	26	61	1.17	153	.11	12	2.73	.07	.34	1	2
A-4296 P	2	102	18	98	.2	62	20	525	5.75	4	5	ND	16	29	1	2	2	87	.52	.014	26	86	2.44	235	.23	7	4.04	.09	.47	1	2
A-4297	1	19	7	38	.1	21	6	149	1.94	2	5	ND	5	12	1	8	2	36	.26	.027	12	33	.75	48	.11	5	1.23	.04	.11	1	6
A-4298 P	1	67	18	86	.2	43	13	292	4.52	2	7	ND	13	24	1	2	2	79	.31	.016	20	70	1.71	148	.15	9	3.14	.07	.39	1	1
A-4299 P	1	84	19	88	.2	55	25	668	5.17	9	5	ND	13	26	1	2	2	83	.46	.019	23	75	2.27	220	.18	10	3.58	.08	.44	1	1
A-4300 P	1	119	21	100	.1	62	22	519	6.00	6	5	ND	16	31	1	2	2	90	.55	.022	30	84	2.61	248	.22	12	4.10	.11	.54	1	2
A-4301 P	1	99	20	105	.1	61	18	456	5.93	8	5	ND	16	28	1	2	2	91	.53	.015	22	86	2.49	251	.23	8	4.24	.09	.53	1	3
A-4302	2	88	19	87	.2	57	23	620	5.39	13	5	ND	15	29	1	2	2	85	.50	.013	21	80	2.17	224	.23	7	3.79	.09	.57	1	2
A-4303	1	43	18	62	.1	40	11	264	3.81	4	5	ND	10	21	1	2	2	66	.38	.023	19	59	1.43	118	.16	8	2.53	.06	.35	1	2
A-4304	1	14	8	61	.1	23	6	127	2.05	2	5	ND	4	9	1	2	2	34	.20	.067	11	32	.47	52	.07	5	1.23	.03	.10	2	3
A-4305	1	6	5	97	.1	17	5	114	1.73	4	5	ND	3	7	1	2	3	32	.12	.087	7	30	.30	48	.05	4	.80	.02	.06	1	3
A-4306	1	20	4	36	.1	30	6	136	1.51	2	5	ND	5	6	1	2	2	27	.17	.103	8	27	.33	32	.05	4	.86	.02	.05	2	3
A-4307	1	3	5	15	.2	7	2	53	.80	2	5	ND	2	6	1	4	2	18	.13	.007	6	14	.17	20	.04	3	.37	.01	.04	1	4
A-4308	1	6	6	38	.1	15	5	113	1.38	2	5	ND	3	8	1	2	2	25	.17	.015	8	24	.39	22	.08	3	.79	.02	.07	1	5
A-4309	1	9	8	90	.1	14	6	184	1.17	3	6	ND	3	8	1	3	2	20	.22	.019	8	18	.37	50	.05	3	.84	.02	.07	1	5
A-4310	1	17	10	48	.3	18	6	419	1.76	2	7	ND	4	11	1	2	2	29	.49	.023	14	29	.43	69	.05	4	1.28	.03	.11	2	3
A-4311	1	6	4	40	.1	8	4	333	.92	3	5	ND	2	8	1	2	2	18	.21	.015	7	18	.23	40	.03	3	.59	.02	.05	1	3
A-4312	1	5	7	56	.1	11	4	106	1.15	2	5	ND	3	8	1	3	2	22	.17	.017	7	19	.28	37	.04	3	.65	.02	.03	1	2
A-4313	1	22	12	172	.1	16	8	347	2.70	2	5	ND	3	6	1	2	2	50	.12	.094	12	28	.34	77	.04	5	1.73	.02	.05	1	3
A-4314 P	1	33	15	223	.2	35	22	1407	3.66	4	5	ND	2	12	1	2	2	63	.38	.045	9	41	.87	87	.05	5	1.89	.04	.13	1	3
A-4315	1	62	10	304	.2	26	15	1267	2.46	3	5	ND	4	10	1	2	2	34	.30	.032	12	29	.38	133	.05	3	1.65	.02	.07	1	1
STD C/AU-S	21	60	43	135	7.1	68	28	1013	3.97	43	15	7	35	49	18	16	18	68	.48	.103	36	58	.89	185	.08	33	1.73	.09	.14	14	50

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	Aut PPB
A-4316	1	7	3	117	.1	12	5	172	1.35	2	5	ND	3	10	1	4	2	24	.19	.035	9	20	.36	37	.07	6	.98	.02	.04	1	1
A-4317	1	18	9	412	.1	22	11	610	2.71	3	5	ND	2	9	1	2	2	43	.17	.080	12	29	.53	97	.07	8	1.92	.02	.07	1	1
A-4318	1	25	10	244	.1	20	8	197	2.04	2	5	ND	3	9	1	2	2	35	.18	.029	9	24	.45	51	.08	6	1.66	.02	.07	1	1
A-4319	1	37	7	247	.1	23	15	298	2.81	2	5	ND	2	10	1	2	3	38	.26	.026	7	23	.40	41	.06	6	1.03	.02	.04	1	1
A-4320	1	5	6	104	.1	9	4	258	.92	3	5	ND	2	9	1	6	2	19	.18	.011	8	16	.23	49	.06	4	.58	.02	.06	1	2
A-4321	1	7	6	86	.1	9	5	300	1.48	3	5	ND	3	10	1	3	2	23	.20	.054	8	16	.31	93	.08	5	.94	.03	.14	1	1
A-4322	1	4	7	74	.1	7	4	259	1.14	3	5	ND	2	12	1	2	2	22	.20	.048	10	16	.25	53	.05	4	.85	.02	.06	1	2
A-4323	1	14	5	119	.1	16	7	296	1.93	2	5	ND	3	10	1	2	2	32	.19	.080	8	25	.46	60	.09	4	1.58	.03	.09	1	1
A-4324	1	8	12	103	.1	11	4	1085	1.27	4	5	ND	1	13	1	2	2	23	.22	.059	8	17	.28	145	.06	4	.92	.02	.09	1	1
A-4325	1	26	3	80	.1	21	7	154	2.67	2	5	ND	4	9	1	2	2	43	.17	.149	10	28	.52	67	.11	6	2.10	.03	.07	1	1
A-4326	1	19	9	112	.1	22	9	178	2.27	2	5	ND	3	15	1	2	2	42	.24	.058	12	28	.49	92	.07	7	2.19	.03	.08	1	1
A-4327	1	11	6	51	.1	15	8	346	1.54	2	5	ND	3	13	1	2	2	29	.30	.024	8	19	.43	55	.08	5	1.05	.03	.08	1	1
A-4328	1	51	6	164	.1	21	11	369	1.90	2	5	ND	3	9	1	3	3	32	.21	.065	10	22	.35	73	.06	5	1.68	.02	.07	1	3
A-4329	1	58	4	106	.1	16	6	217	1.74	3	5	ND	2	10	1	7	2	30	.37	.035	8	19	.41	47	.08	4	1.30	.03	.06	1	1
A-4330	1	32	10	157	.3	24	15	1667	2.62	2	5	ND	5	16	1	5	2	43	.05	.055	21	29	.47	183	.06	11	2.14	.05	.20	1	1
A-4331	1	7	5	59	.1	11	4	122	1.17	3	5	ND	3	10	1	2	2	23	.21	.013	8	20	.34	30	.09	3	.79	.02	.05	1	2
A-4332 P	1	16	10	85	.1	20	9	785	2.91	3	5	ND	3	11	1	2	2	46	.22	.033	8	38	.56	33	.09	4	1.13	.03	.05	1	1
A-4333 P	1	12	5	113	.1	18	15	1696	3.78	2	5	ND	2	12	1	6	2	58	.61	.066	7	26	.91	131	.19	6	1.64	.04	.23	1	1
A-4334 P	1	6	7	82	.1	26	6	458	1.33	2	5	ND	1	17	1	2	2	20	.46	.032	5	26	.43	84	.04	4	.62	.04	.05	1	2
A-4335	1	15	6	75	.1	22	7	195	1.81	3	5	ND	2	12	1	2	2	31	.26	.052	8	25	.45	86	.08	4	1.34	.03	.06	1	1
A-4336	2	46	13	378	.3	33	21	1856	3.20	3	5	ND	3	14	1	4	3	57	.29	.063	17	38	.85	291	.05	7	2.66	.03	.06	1	1
A-4337	2	17	11	196	.2	27	20	2791	2.99	2	5	ND	7	11	1	6	3	62	.29	.053	45	36	.59	120	.07	6	1.72	.04	.05	1	2
A-4338	3	66	10	168	.2	44	24	5025	4.20	4	5	ND	4	10	1	9	2	75	.40	.061	15	55	.73	180	.08	7	2.08	.04	.09	1	1
A-4339	4	46	20	478	.4	73	54	9083	5.02	9	5	ND	2	20	2	2	2	102	.02	.088	8	72	.99	362	.13	8	2.63	.06	.09	1	1
A-4340	1	16	10	163	.1	33	15	522	2.10	2	5	ND	3	14	1	3	2	39	.23	.027	12	29	.46	121	.08	7	1.99	.03	.05	1	2
A-4341 P	2	33	10	143	.1	42	26	1731	5.95	5	5	ND	2	7	1	5	2	106	.28	.043	5	96	1.20	75	.18	3	2.10	.05	.06	1	1
A-4342 P	1	5	5	33	.1	15	5	260	1.39	2	5	ND	1	11	1	2	2	24	.26	.012	5	22	.46	27	.07	4	.83	.04	.04	1	1
A-4343 P	1	7	8	89	.1	13	10	2173	1.63	2	5	ND	2	11	1	2	2	28	.31	.017	7	18	.35	133	.06	5	1.06	.04	.06	1	1
A-4344 P	1	9	6	167	.1	19	7	324	2.02	3	5	ND	3	15	1	3	2	34	.29	.116	10	24	.53	90	.08	5	1.61	.03	.07	1	4
A-4345 P	2	16	16	100	.1	36	16	1145	4.11	2	5	ND	2	14	1	2	2	65	.59	.041	7	39	1.27	74	.23	5	2.11	.05	.08	1	1
A-4346 P	2	22	11	103	.1	22	6	305	3.07	5	5	ND	2	11	1	2	2	48	.26	.106	8	33	.48	76	.08	6	2.04	.03	.08	1	1
A-4347 P	3	434	11	445	.2	141	32	5128	4.02	6	5	ND	3	11	2	2	2	58	1.31	.120	24	84	.72	191	.05	7	3.69	.05	.05	1	1
A-4348 P	1	8	4	24	.1	8	4	108	1.05	2	5	ND	1	8	1	2	2	18	.25	.007	4	12	.27	21	.06	3	.63	.03	.03	1	1
A-4351 P	1	11	5	35	.1	15	11	1075	1.58	3	5	ND	3	11	1	2	2	30	.25	.020	7	20	.36	50	.06	13	1.05	.03	.05	1	2
A-4352 P	1	6	8	50	.1	9	3	356	1.00	2	5	ND	1	11	1	2	2	18	.25	.026	6	16	.21	105	.04	12	.64	.03	.06	2	1
A-4353 P	4	76	19	190	.2	69	42	13804	3.83	4	5	ND	4	16	1	6	2	74	.71	.067	16	90	.70	307	.04	8	2.74	.04	.10	1	1
STD C/AU-S	22	57	41	132	6.8	67	28	983	3.98	36	16	7	33	47	17	16	19	66	.48	.100	36	57	.88	176	.08	36	1.72	.08	.14	14	52

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	Au* PPB
A-4354	1	7	5	81	.1	8	6	197	1.15	2	5	ND	4	8	1	2	2	26	.10	.022	14	16	.17	64	.05	3	.90	.01	.05	1	1
A-4355	1	6	2	68	.1	19	4	107	1.39	2	5	ND	3	8	1	2	2	23	.13	.035	10	28	.38	28	.07	5	1.14	.02	.05	1	1
A-4356	1	10	3	114	.1	14	6	291	1.73	31	5	ND	2	10	1	2	2	30	.19	.062	8	22	.35	64	.06	5	1.15	.02	.07	1	1
A-4357	1	17	12	108	.1	19	11	1390	1.50	2	5	ND	3	14	1	7	2	30	.44	.037	13	16	.26	112	.04	7	1.29	.03	.07	1	1
A-4358	1	14	4	58	.2	16	7	315	1.59	3	5	ND	3	12	1	2	2	27	.47	.025	14	21	.36	56	.08	5	1.36	.03	.07	1	1
A-4359	1	18	5	63	.2	21	8	275	1.84	3	5	ND	4	10	1	2	2	37	.34	.012	18	47	.51	68	.10	5	1.35	.03	.13	1	1
A-4360	1	14	2	25	.1	14	4	127	1.28	4	5	ND	3	10	1	6	2	25	.29	.032	9	21	.36	28	.08	3	.72	.03	.07	1	4
A-4361	1	25	4	52	.1	19	7	127	1.43	2	5	ND	3	13	1	2	2	27	.28	.018	10	23	.42	38	.08	4	1.18	.03	.03	1	1
A-4362	1	18	2	57	.1	18	5	125	1.43	4	5	ND	2	8	1	2	2	24	.18	.074	7	22	.33	65	.07	3	1.17	.02	.04	1	2
A-4363	1	16	2	75	.1	20	6	163	1.60	2	5	ND	3	9	1	6	2	26	.19	.097	8	23	.31	54	.06	4	1.34	.02	.05	1	2
A-4364	1	17	2	76	.1	24	7	138	1.71	2	5	ND	2	10	1	6	2	27	.19	.080	8	26	.35	50	.07	4	1.42	.02	.06	1	3
A-4365	1	24	3	52	.1	19	6	166	1.52	2	5	ND	3	10	1	2	2	26	.35	.020	10	23	.41	50	.09	5	1.06	.03	.09	1	3
A-4366	1	58	3	69	.2	28	8	247	2.44	6	5	ND	8	15	1	2	2	44	.54	.022	18	37	.63	93	.11	7	1.81	.04	.15	1	3
A-4367	1	31	5	245	.2	22	10	289	1.94	3	6	ND	3	10	1	3	2	36	.26	.037	10	24	.40	95	.07	7	1.28	.03	.09	1	1
A-4368	1	74	16	255	.1	29	12	409	2.80	4	5	ND	2	13	1	2	2	48	.37	.076	12	28	.58	95	.09	7	2.31	.03	.10	1	1
A-4369	1	23	5	148	.1	25	9	275	2.06	5	5	ND	2	8	1	3	2	33	.18	.151	10	33	.43	73	.06	4	1.62	.02	.07	1	1
A-4370	1	5	3	57	.1	9	3	75	.97	2	5	ND	2	8	1	8	2	19	.14	.029	7	21	.21	35	.05	6	.75	.02	.04	1	47
A-4371	1	45	4	58	.1	31	9	159	2.16	2	5	ND	1	10	1	2	2	38	.20	.026	9	32	.53	56	.09	8	2.07	.02	.04	1	1
A-4372	2	71	17	222	.1	22	28	2304	2.49	3	5	ND	1	9	1	4	3	45	.18	.087	14	24	.25	166	.03	5	2.02	.02	.07	1	1
A-4373	1	5	2	25	.1	8	3	78	.85	3	5	ND	3	8	1	2	2	17	.15	.005	7	12	.23	17	.07	3	.72	.02	.03	1	1
A-4374	1	14	2	22	.1	15	4	96	1.18	2	5	ND	3	7	1	2	2	22	.23	.021	7	22	.35	18	.08	2	.68	.02	.03	1	1
A-4375	1	9	3	42	.1	12	5	107	1.19	3	5	ND	2	9	1	2	2	22	.27	.009	7	20	.37	25	.08	5	.92	.03	.03	2	1
A-4376	1	9	6	37	.1	14	5	109	1.20	3	5	ND	2	8	1	2	2	25	.21	.009	8	19	.34	27	.08	7	.88	.02	.05	1	1
A-4377	1	10	4	50	.1	17	7	268	1.78	2	5	ND	4	14	1	2	2	36	.27	.013	12	28	.45	68	.09	9	1.17	.03	.08	1	1
A-4378	1	28	11	64	.1	17	6	235	1.97	4	5	ND	2	9	1	4	2	41	.15	.032	13	24	.29	70	.06	4	1.60	.02	.06	1	1
A-4379	1	26	8	42	.1	21	7	179	1.83	4	5	ND	3	11	1	3	2	33	.26	.014	11	26	.47	40	.10	12	1.25	.03	.04	1	1
A-4380	1	16	10	169	.1	27	9	617	2.27	5	5	ND	2	11	1	2	2	39	.18	.109	10	26	.39	102	.05	5	1.85	.02	.10	1	1
A-4381	1	7	6	68	.2	11	4	184	1.24	2	5	ND	3	9	1	2	2	25	.16	.025	9	17	.21	66	.05	4	.93	.02	.06	1	1
A-4382	1	9	5	51	.1	12	4	97	.97	2	5	ND	2	7	1	3	2	23	.11	.010	10	20	.23	36	.07	2	.74	.01	.03	1	1
A-4383	1	19	8	152	.1	22	8	383	2.26	2	5	ND	2	11	1	2	2	39	.17	.103	11	30	.50	92	.07	4	2.02	.02	.07	1	1
A-4384	1	55	6	131	.2	33	20	480	4.60	7	5	ND	5	69	1	2	2	105	.44	.058	22	24	1.51	108	.32	6	2.74	.04	.08	1	1
A-4385	1	9	6	87	.1	15	6	632	1.45	4	5	ND	2	16	1	5	2	25	.15	.035	9	28	.28	93	.06	5	.93	.02	.05	1	1
A-4386	1	13	5	130	.1	21	7	136	1.81	2	5	ND	3	8	1	2	2	28	.14	.045	11	31	.38	56	.06	3	1.30	.02	.07	1	1
A-4387	1	20	5	186	.1	19	8	166	2.15	3	5	ND	2	10	1	2	2	31	.17	.112	9	28	.44	70	.07	6	1.54	.02	.11	1	1
A-4388	1	51	4	56	.1	28	11	171	2.58	2	5	ND	5	10	1	7	2	46	.46	.038	10	26	.46	73	.09	3	2.51	.03	.05	1	1
A-4389	1	23	9	54	.1	15	8	1114	1.55	2	5	ND	1	10	1	2	2	26	.46	.036	7	20	.36	67	.04	4	1.01	.03	.05	1	1
STD C/AU-S	21	58	39	136	7.1	69	28	1014	3.98	42	17	7	34	47	17	16	22	67	.48	.103	37	58	.89	178	.08	33	1.73	.09	.14	13	53

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	Au* PPB
A-4390	1	5	5	46	.1	13	5	175	1.52	2	5	ND	2	8	1	2	3	25	.20	.024	7	20	.43	46	.07	3	.80	.03	.11	1	1
A-4391	2	89	12	68	.6	44	14	1223	3.64	6	5	ND	11	22	1	2	3	53	1.13	.063	53	48	.68	263	.06	5	3.64	.05	.21	1	1
A-4392	1	10	8	63	.1	18	8	276	2.44	2	5	ND	3	10	1	2	2	39	.31	.038	7	27	.61	68	.09	3	1.18	.04	.12	1	1
A-4393	1	9	6	84	.1	17	8	350	1.88	2	5	ND	2	10	1	2	3	29	.29	.043	7	26	.60	75	.08	4	1.22	.03	.11	1	1
A-4394	1	13	8	98	.1	19	7	324	2.14	2	5	ND	3	8	1	2	3	33	.21	.058	6	28	.59	70	.07	4	1.37	.03	.09	1	1
A-4395	2	34	14	290	.3	37	21	1229	3.05	2	5	ND	3	11	1	2	3	45	.24	.229	9	30	.50	146	.06	5	2.65	.03	.09	1	1
A-4396	1	12	8	97	.1	16	7	453	1.93	2	5	ND	3	8	1	2	3	32	.14	.053	9	22	.37	79	.06	4	1.40	.02	.05	1	1
A-4397	2	16	7	81	.1	23	8	310	2.40	2	5	ND	3	10	1	2	3	38	.21	.044	8	28	.57	103	.08	4	1.89	.03	.08	1	1
A-4398	1	25	5	49	.2	20	7	194	1.90	2	5	ND	2	8	1	2	3	31	.18	.032	5	29	.55	39	.07	3	1.11	.03	.08	2	1
A-4399	1	17	6	84	.1	19	8	220	1.98	3	5	ND	4	8	1	2	3	35	.22	.020	9	24	.40	78	.07	3	1.44	.03	.06	1	1
A-4400	1	16	7	51	.1	16	6	115	1.55	2	5	ND	3	8	1	2	3	28	.19	.014	7	17	.33	72	.07	3	1.19	.02	.04	1	1
A-4401	1	24	4	62	.1	20	7	168	1.68	2	5	ND	1	9	1	2	3	29	.20	.027	5	22	.40	36	.07	3	1.08	.02	.05	1	1
A-4402	1	12	4	45	.1	16	6	117	1.82	4	5	ND	3	8	1	2	3	28	.18	.060	7	21	.39	47	.07	4	1.22	.02	.06	1	2
A-4403	1	8	5	41	.1	19	6	178	1.59	4	5	ND	2	13	1	2	3	27	.23	.017	6	22	.48	59	.09	9	1.10	.03	.12	1	1
A-4404	1	4	6	42	.1	10	4	97	1.10	2	5	ND	3	8	1	2	4	18	.21	.024	8	15	.27	45	.06	3	.76	.02	.06	1	1
A-4405	1	8	3	37	.1	12	5	99	1.45	4	5	ND	3	9	1	2	3	24	.20	.052	7	19	.34	38	.07	3	.94	.02	.09	1	1
A-4406	1	5	5	29	.1	12	5	113	1.44	5	5	ND	5	8	1	2	2	26	.22	.028	11	17	.33	32	.07	4	.79	.02	.10	1	1
A-4407	1	6	4	26	.1	12	4	78	1.16	2	5	ND	4	8	1	2	3	20	.26	.012	8	16	.26	40	.06	4	.90	.02	.07	1	1
A-4408	1	8	4	21	.1	11	4	84	1.15	3	5	ND	2	7	1	2	2	22	.24	.022	6	18	.29	20	.06	6	.61	.02	.05	1	1
A-4409	1	3	3	17	.1	5	2	51	.58	2	5	ND	1	7	1	2	3	13	.19	.008	7	10	.14	26	.04	2	.38	.02	.04	1	1
A-4410	1	9	3	23	.1	11	3	91	1.21	2	5	ND	2	8	1	2	2	25	.17	.019	5	18	.34	18	.08	2	.65	.02	.06	1	1
A-4411	1	14	2	38	.1	19	6	170	1.74	3	5	ND	3	9	1	2	2	29	.31	.047	6	25	.60	42	.09	3	1.01	.03	.11	1	1
A-4412	1	23	6	116	.1	18	6	186	1.42	2	5	ND	2	7	1	2	2	23	.32	.027	7	18	.32	42	.05	4	1.00	.03	.05	1	2
A-4413	1	19	6	197	.1	20	6	155	2.05	3	5	ND	3	6	1	7	2	30	.14	.188	7	23	.42	58	.06	5	1.63	.02	.07	1	1
A-4414	1	34	7	116	.1	25	10	274	2.55	2	5	ND	2	8	1	2	2	40	.16	.032	6	28	.49	65	.08	5	1.48	.03	.05	1	1
A-4415	2	24	12	200	.1	56	28	1319	4.53	7	5	ND	2	9	1	3	2	64	.31	.073	7	86	1.08	81	.11	5	2.47	.04	.06	2	1
A-4416	1	52	14	189	.2	45	20	1070	4.26	4	5	ND	1	12	1	2	2	69	.35	.137	9	64	.73	98	.05	7	2.63	.03	.08	1	4
A-4417	1	63	6	106	.1	95	36	1075	6.41	7	5	ND	1	4	1	2	2	108	.14	.036	4	118	1.61	49	.01	2	2.99	.04	.04	1	1
A-4418	2	41	17	165	.4	48	22	1810	5.19	2	10	ND	22	214	1	2	2	95	.85	.179	78	30	2.74	424	.22	5	2.68	.06	.10	1	1
A-4419	1	13	10	78	.1	15	8	1403	1.51	3	5	ND	3	31	1	2	2	28	.21	.035	13	18	.44	174	.08	5	.93	.02	.05	1	5
A-4420	1	14	7	206	.2	16	7	235	2.13	2	5	ND	1	7	1	4	2	33	.15	.065	7	22	.39	69	.06	6	1.57	.02	.08	1	1
A-4421	1	6	5	28	.1	6	3	146	.82	2	5	ND	1	7	1	2	2	15	.30	.016	8	13	.15	42	.03	2	.59	.02	.03	1	1
A-4422	1	12	3	35	.1	17	5	140	1.62	2	5	ND	3	8	1	2	2	26	.29	.043	8	24	.47	34	.07	3	.98	.03	.09	1	1
A-4423	1	8	4	52	.1	17	6	190	1.70	2	5	ND	3	8	1	3	2	27	.27	.028	6	26	.57	40	.08	4	.93	.03	.14	1	1
A-4424	1	13	4	43	.1	17	6	198	1.84	2	5	ND	3	9	1	5	2	29	.29	.039	9	26	.55	34	.09	5	1.06	.03	.09	1	27
A-4425	1	10	6	43	.1	13	6	239	1.68	2	5	ND	10	8	1	2	2	27	.26	.037	9	22	.47	27	.09	3	.91	.03	.10	1	1
STD C/AU-S	22	60	40	135	7.2	68	28	1009	3.98	37	17	7	35	49	18	17	19	67	.48	.103	38	58	.88	183	.08	35	1.73	.09	.14	13	53

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	Au* PPB
A-4426	1	10	7	54	.1	13	5	142	1.53	2	5	ND	3	7	1	2	2	24	.22	.027	9	21	.49	44	.09	4	1.01	.03	.07	1	10
A-4427	1	11	8	71	.1	23	8	206	2.07	2	5	ND	3	9	1	3	2	30	.25	.070	10	27	.65	74	.07	7	1.47	.03	.13	1	1
A-4428	1	11	5	54	.1	20	8	273	1.81	2	5	ND	3	9	1	2	2	27	.24	.038	9	26	.62	54	.07	6	1.18	.03	.09	1	2
A-4429	1	9	9	40	.1	13	6	195	1.76	2	5	ND	1	7	1	2	3	33	.16	.043	7	20	.37	35	.06	4	1.08	.02	.04	1	3
A-4430	1	21	8	60	.2	18	8	184	2.52	3	5	ND	3	7	1	2	2	43	.14	.060	11	26	.48	71	.07	8	1.92	.02	.05	1	1
A-4431	1	44	12	40	.4	21	11	834	2.51	2	5	ND	7	12	1	2	2	36	.78	.022	27	32	.39	117	.06	8	2.04	.04	.14	2	1
A-4432	1	64	10	63	.1	34	12	150	2.23	3	5	ND	2	7	1	2	2	34	.28	.018	8	24	.43	50	.08	5	1.50	.02	.07	1	1
A-4433	1	20	7	48	.2	15	5	232	2.07	2	5	ND	5	8	1	2	2	30	.41	.017	16	25	.34	57	.05	5	1.53	.03	.07	1	24
A-4434	2	56	18	351	.3	46	26	5452	2.95	4	5	ND	3	12	1	3	3	40	.43	.126	19	27	.38	269	.02	7	2.38	.03	.11	1	2
A-4435	1	31	17	266	.3	23	15	2997	2.70	3	5	ND	3	14	1	2	2	44	.32	.121	13	31	.50	449	.03	5	1.92	.03	.05	1	1
A-4436	1	18	8	107	.2	13	7	942	1.59	5	5	ND	1	10	1	2	2	27	.20	.065	8	15	.32	112	.05	4	1.28	.02	.05	1	1
A-4437	1	58	11	76	.2	17	9	853	1.89	3	5	ND	1	9	1	7	2	38	.16	.047	13	19	.26	111	.02	4	1.55	.02	.04	1	4
A-4438	1	30	12	219	.2	27	11	651	3.02	4	5	ND	2	11	1	2	2	47	.17	.127	14	30	.57	153	.03	7	2.51	.02	.08	1	1
A-4439	1	6	4	42	.1	13	6	173	1.30	2	5	ND	2	7	1	2	2	24	.14	.015	8	20	.33	38	.06	3	1.02	.02	.02	1	1
A-4440	1	39	14	153	.2	23	10	368	2.92	7	5	ND	3	12	1	9	2	46	.18	.092	12	31	.57	100	.05	8	2.34	.02	.09	1	1
A-4441	2	42	12	288	.2	39	23	3357	3.92	3	5	ND	3	11	1	2	3	60	.29	.168	15	64	.62	253	.02	9	2.89	.03	.07	1	1
A-4442	1	18	8	73	.1	13	4	116	1.91	2	5	ND	2	6	1	3	2	31	.12	.020	8	24	.27	27	.05	3	.66	.02	.02	1	1
A-4443	1	16	9	150	.1	14	7	234	2.06	2	5	ND	2	8	1	7	2	32	.13	.109	9	20	.38	75	.05	5	1.54	.02	.05	1	2
A-4444	1	11	7	48	.1	16	6	119	1.59	2	5	ND	4	7	1	2	2	24	.18	.085	11	21	.37	31	.06	4	1.04	.02	.07	1	1
A-4445	1	5	5	31	.1	9	4	108	1.05	2	5	ND	3	6	1	2	2	19	.22	.018	8	15	.25	26	.05	2	.62	.02	.04	1	1
A-4446	1	19	5	33	.1	17	5	116	1.45	2	5	ND	3	7	1	2	2	24	.31	.047	10	20	.38	29	.06	3	.97	.03	.05	2	2
A-4447	1	7	5	36	.1	12	5	313	1.34	2	5	ND	3	10	1	2	2	25	.23	.037	9	20	.36	41	.06	4	.79	.03	.05	1	1
A-4448	1	17	6	44	.1	16	5	130	1.70	2	5	ND	3	8	1	4	2	29	.20	.051	9	24	.43	39	.07	3	1.13	.03	.04	1	1
A-4449	1	3	5	68	.1	4	3	307	.91	3	5	ND	2	10	1	2	2	18	.25	.019	7	12	.14	108	.03	4	.43	.02	.06	1	1
A-4450	1	18	5	197	.1	17	8	205	1.81	2	5	ND	3	6	1	2	2	28	.26	.029	7	21	.46	39	.08	3	1.03	.02	.07	1	1
A-4451	1	63	10	187	.2	34	12	404	2.83	2	5	ND	4	9	1	4	2	43	.46	.040	12	37	.60	87	.08	6	2.45	.03	.08	1	1
A-4452	1	13	10	142	.1	18	8	317	2.05	2	5	ND	5	10	1	3	2	31	.28	.073	12	25	.45	113	.06	5	1.62	.03	.08	1	16
A-4453	1	53	14	203	.2	33	18	3864	2.52	3	5	ND	2	15	1	3	2	36	.40	.109	10	37	.57	346	.05	6	1.57	.03	.10	1	1
A-4454	1	8	7	108	.1	13	5	324	1.47	3	5	ND	3	7	1	2	2	27	.15	.016	10	21	.36	63	.07	3	.78	.02	.06	1	1
A-4455	1	7	7	146	.1	13	6	321	1.55	2	5	ND	2	9	1	2	2	25	.19	.033	7	20	.35	57	.05	3	.89	.02	.05	1	2
A-4456	1	19	11	90	.2	24	9	1042	1.95	2	5	ND	4	12	1	2	2	36	.50	.025	14	29	.42	122	.06	4	1.45	.03	.12	1	1
A-4457	1	6	6	44	.1	13	5	117	1.41	2	5	ND	3	8	1	2	3	25	.17	.015	9	22	.38	38	.07	3	.80	.02	.06	1	1
STD C/AU-S	22	58	36	133	6.9	68	28	996	3.98	42	16	7	34	48	18	17	21	66	.48	.103	39	58	.89	179	.08	34	1.73	.09	.13	13	52

	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	Aut PPB
R	4290-A1	2	844	4	29	.2	120	104	481	11.01	2	5	ND	2	7	1	2	2	77	1.17	.040	8	18	.95	8	.18	2	1.37	.16	.04	1	11
	4291-A1	1	555	8	24	.2	25	53	511	6.92	2	5	ND	1	3	1	2	2	64	1.36	.027	7	2	.69	12	.19	4	.92	.20	.06	1	3
	4292-A1	2	2776	7	51	.5	24	37	462	6.66	3	5	ND	1	8	1	2	2	93	1.53	.041	6	8	.78	12	.25	2	1.35	.24	.07	1	64
	4293-A1	1	526	4	28	.1	3	9	484	4.04	17	5	ND	1	7	1	4	2	86	1.46	.045	2	10	.58	13	.24	3	.98	.20	.06	1	3
	4458-A1	1	503	5	67	.2	44	19	832	7.14	2	5	ND	1	19	1	2	2	109	4.29	.035	2	70	1.07	10	.12	2	1.79	.13	.02	1	2
	4459-A1	1	95	6	97	.1	91	27	1113	6.19	3	7	ND	1	24	1	2	3	67	5.59	.021	4	67	1.40	10	.01	2	1.43	.13	.02	1	2
	4460-A1	1	81	3	90	.1	88	22	1161	5.49	3	6	ND	1	25	1	2	3	66	6.19	.023	4	67	1.49	8	.01	4	1.33	.14	.01	1	3
R	4461-A1	2	141	7	63	.2	83	39	983	5.05	10	6	ND	1	27	1	2	4	37	6.43	.024	3	41	.86	12	.01	4	1.16	.13	.03	1	6
	4462-A1	1	10	2	11	.1	7	2	47	.41	2	5	ND	1	2	1	2	2	2	.06	.001	2	5	.03	1	.01	3	.04	.01	.01	1	1
	4463-A1	1	8	2	72	.1	55	21	104	2.95	2	5	ND	1	2	1	4	3	50	.04	.001	2	9	.60	2	.01	4	1.08	.03	.01	1	2
	4464-A1	1	89	4	110	.1	95	30	821	5.11	2	5	ND	1	21	1	2	2	108	2.87	.012	2	124	1.95	9	.22	3	2.63	.09	.01	1	3
	4465-A1	1	35	4	40	.2	75	20	1465	3.92	7	9	ND	2	59	1	2	4	17	6.81	.023	7	18	1.53	22	.01	3	.46	.14	.06	1	4
	STD C/AU-R	22	59	41	136	7.1	69	28	1026	3.96	40	16	8	35	49	18	16	22	69	.47	.105	38	60	.88	184	.08	37	1.73	.09	.13	13	510

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT NO. W8801.046

Instructions - Please type or print. If number of mining claims traversed exceeds space on this form, attach a list.

T-5

2.11089

Min

52F05SE0010 2.11089 ROWAN LAKE

900

T-4608

Type of Survey(s)

Soil (and Rock) Geochemical Survey

Claim Holder(s)

Kengate Resources Ltd.

Address

808 - 750 W. Pender Street, Vancouver, British Columbia

Survey Company

Norontex Exploration Ltd.

Date of Survey (from & to): 03 09 86 (Day, Mo., Yr.) | 27 09 86 (Day, Mo., Yr.)

Total Miles of line Cut: 10.5

Name and Address of Author (of Geo Technical report)

R. Van Enk, 3 Bedworth Road, R.R. 1, Site 11, Box 7, Dryden, Ontario P8N 2Y4

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	· Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	· Electromagnetic	
*18.8 credits on claim #745191 (18.9 credits on all other claims)	· Magnetometer	
	· Radiometric	
	· Other	
	Geological	
	Geochemical	18.9*

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

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MAR 14 1988
MINING LANDS SECTION

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
K	717951				
	745174				
	745175				
	745177				
	745178				
	745182				
	745191*				
	794718				
	794719				

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
JUL 21 1988
RECEIVED

RECEIVED
MINING DIV.
FEB 18 1988
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

*Postmark Feb. 15/88 @ 4:55 MR

717947

Total number of mining claims covered by this report of work: 9

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
170	Feb 18/88	Scott Rivett
	Date Approved as Recorded: 11 July 88	Branch Director: AB3

Date: Feb. 12, 1988

Recorded Holder or Agent (Signature): Bruce Youngman

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Bruce A. Youngman, 808 - 750 W. Pender Street, Vancouver, British Columbia V6C 2T8

Date Certified: Feb. 12, 1988

Certified By (Signature): Bruce Youngman

Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey: Soil (and Rock) Geochemical

Technical Days				Technical Days Credits		Line cutting Days		Total Credits		No. of Claims		Days per Claim
20	X	7	=	140	+	30	=	170	÷	9	=	18.9*

(*18.8 credits on claim #K745191 only)

Type of Survey:

Technical Days				Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=		+		=		÷		=	

Type of Survey:

Technical Days				Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=		+		=		÷		=	

Type of Survey:

Technical Days				Technical Days Credits		Line-cutting Days		Total Credits		No. of Claims		Days per Claim
	X	7	=		+		=		÷		=	

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. W8801.045

2.11089 Mining Act

Instructions

Please type or print. If number of mining claims traversed exceeds space on the form, attach a list. Only days credits calculated on the "Expenditures" section may be entered in the "Expend. Days Cr." columns. Do not use shaded areas below.

APR. 8 #1415/88

Type of Survey(s)

Geochemical Expenditures (Analyses)

Township or Area

Rowan Lake G-2639

Claim Holder(s)

Kengate Resources Ltd.

Prospector's Licence No.

T-4608

Address

808 - 750 W. Pender Street, Vancouver, British Columbia

Survey Company

Norontex Exploration Ltd.

Date of Survey (from & to)

03	09	86	27	09	86
Day	Mo.	Yr.	Day	Mo.	Yr.

Total Miles of line Cut

10.5

Name and Address of Author (of Geo Technical report)

R. Van Enk, 3 Bedworth Road, R.R. 1, Site 11, Box 7, Dryden, Ontario P8N 2Y4

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.
K	717949	29.0
	717951	2.9
	717952	29.0
	717954	29.0
	745174	2.7
	745175	2.7
	745177	10.1
	745178	10.1
	745179	29.0
	745182	10.1
	745185	29.0
	745191	2.0
	794719	10.1

Prefix	Number	Expend. Days Cr.

KENORA MINING DIV. RECEIVED FEB 18 1988 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Postmark Feb 15/88 @ 16:55

717947

Total number of mining claims covered by this report of work: 13

Expenditures (excludes power stripping)

Type of Work Performed

Soil (+ Rock) Geochemical Analyses

Performed on Claim(s)

K717951, K745174, K745175, K745177, K745178, K745182, K745191, K794718, K794719

Calculation of Expenditure Days Credits

Total Expenditures: $ 2,936.00 ÷ 15 = Total Days Credits: 195.7

Instructions

Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
195.7	Feb 18/88	
	Date Approved as Recorded: 11 July 88	Branch Director

Date	Recorded Holder or Agent (Signature)
Feb. 12, 1988	

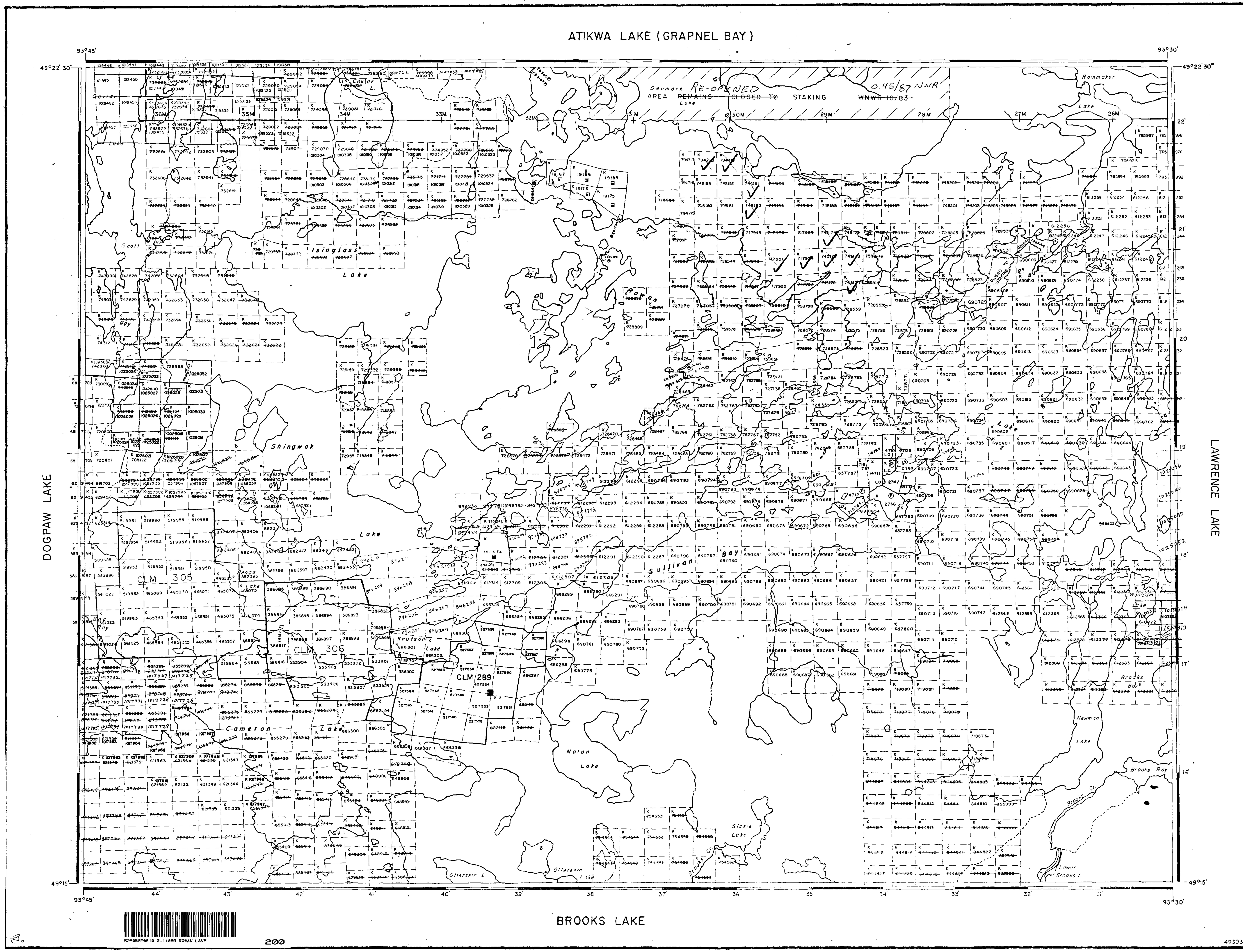
Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Bruce A. Youngman, 808 - 750 W. Pender Street, Vancouver, British Columbia V6C 2T8

Date Certified	Certified by (Signature)
Feb. 12, 1988	



LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◓
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	⬒
" , MINING RIGHTS ONLY	⬓
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	ⓡ
CANCELLED	⊗
SAND & GRAVEL	ⓢ

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

ROWAN LAKE

M.N.R. ADMINISTRATIVE DISTRICT

KENORA / FORT FRANCES

MINING DIVISION

KENORA

LAND TITLES / REGISTRY DIVISION

KENORA

Ontario

Ministry of Natural Resources

Ministry of Northern Development and Mines

Date SEPTEMBER 1986

Formerly M-2580

Number G-2639

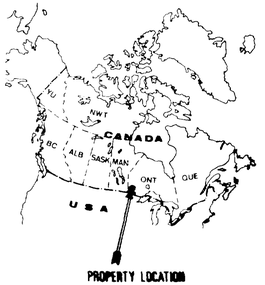
493933

INSTRUMENT: SCINTREX MP1 PROTON MAGNETOMETER

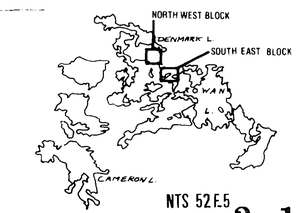
ACCURACY: ± 2γ

PLOTTED VALUE = TOTAL FIELD INTENSITY – 59 000γ

CONTOUR INTERVAL: 100γ



PROPERTY LOCATION



NTS 52F-5

2.11089

ROWAN LAKE JOINT VENTURE MAP NO.1

NEWFIELDS MINERALS INC.
KENGATE RESOURCES LTD.
INTERSTRAT RESOURCES INC.

MAGNETOMETER SURVEY

NORTH WEST BLOCK

0 100 200 300 ft

SCALE 1" 200'

SEPTEMBER 1986

ASSOCIATION OF ONTARIO LAND SURVEYORS
J. VAN EHL, A.L.S.
Nov. 29/1986
FELLOW

NORONTEX EXPLORATION LTD., DRYDEN ONT.

ROWAN LAKE

CLAIM BOUNDARY

BASELINE

INSTRUMENT: SCINTREX MP 1 PROTON MAGNETOMETER
ACCURACY: ± 2 γ
VALUE PLOTTED = TOTAL FIELD INTENSITY — 59 000 γ
CONTOUR INTERVAL: 100 γ

N

PROPERTY LOCATION

NTS 52E.5

2.11089

ROWAN LAKE JOINT VENTURE MAP NO.2

NEWFIELDS MINERALS INC.
KENGATE RESOURCES LTD.
INTERSTRAT RESOURCES INC.

MAGNETOMETER SURVEY

SOUTH EAST BLOCK

0 100 200 300 ft

SCALE 1"=200'

SEPTEMBER 1986

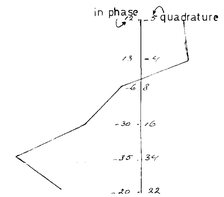
NORONTEX EXPLORATION LTD., DRYDEN ONT.

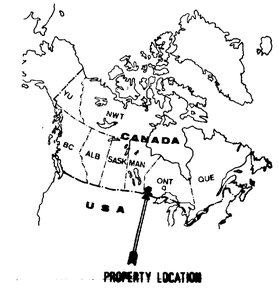
BASELINE 20 N

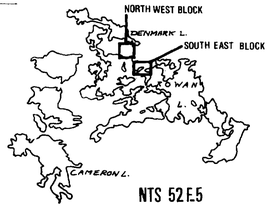
ROWAN LAKE

NORTH WEST BLOCK
DENMARK L.
SOUTH EAST BLOCK
CAMERON L.

SIGNAL STATION: CUTLER, MAINE







NTS 52 E.5

2.11089

ROWAN LAKE JOINT VENTURE MAP NO.3

NEWFIELDS MINERALS INC.
KENGATE RESOURCES LTD.
INTERSTRAT RESOURCES INC.

VLF SURVEY.
NORTHWEST BLOCK.

0 100 200 300 ft

SCALE 1" = 200'

SEPTEMBER 1986

NORONTEX EXPLORATION LTD., DRYDEN ONT.

SIGNAL STATION: CUTLER, MAINE

in phase / quadrature

one inch ≙ 20%

N

PROPERTY LOCATION

BASELINE 20 N

N 1.745178

N 74.5172

ROWAN LAKE

NORTH WEST BLOCK

DENMARK L.

SOUTH EAST BLOCK

CAMERON L.

NTS 52 E.5

2.11089

ROWAN LAKE JOINT VENTURE MAP NO.4

NEWFIELDS MINERALS INC.
KENGATE RESOURCES LTD.
INTERSTRAT RESOURCES INC.

VLF SURVEY.

SOUTH EAST BLOCK

0 100 200 300 ft

SCALE 1"=200'

SEPTEMBER 1986

NORONTEX EXPLORATION LTD., DRYDEN ONT.

52F05SE0010 2.11089 ROWAN LAKE

84N
82N
80N
78N
76N
74N
72N
70N
68N
66N
64N
62N
60N
58N
56N
54N
52N
50N
48N
46N
44N

24E
28E
32E
36E
40E
44E
48E
52E
56E
60E

794718
794719

116 0 2
51 0 2
102 0 2
18 0 6
67 0 1
84 0 1
119 0 2
98 0 3
88 0 2
42 0 2
14 0 3
6 0 3
20 0 3

53 0 1
6 0 2
8 0 2
1 0 3
9 0 2
21 0 2
10 0 3
15 0 3
36 0 2

46 0 1
15 0 1
21 0 1
10 0 1
4 0 1
11 0 3
8 0 1
10 0 1
9 0 1
20 0 1
25 0 1
7 0 1
9 0 1
5 0 1
5 0 1
2 0 1
20 0 1
15 0 2
38 0 1
77 0 1
33 0 1
66 0 1
72 0 2
54 0 4
17 0 1
6 0 1
3 0 3
6 0 2
14 0 1

6 0 8
49 0 4
45 0 2
9 0 14
8 0 8
18 0 18
3 0 12
420 15
3 0 2
19 0 1
7 0 3
10 0 12
18 0 8
22 0 3
9 0 2
5 0 2
13 0 2
2 0 8
13 0 6
8 0 4
12 0 4
8 0 3
5 0 2
22 0 1
30 0 1

13 0 15
45 0 6
53 0 17
34 0 4
7 0 12
10 0 25
7 0 6
6 0 14
7 0 1
6 0 3
5 0 6
15-0-10
28 0 25
37 0 10
73 0 10
25 0 2
9 0 7
5 0 2
20 0 1
11 0 4
58 0 8

11 0 7
10 0 2
9 0 1
8 0 1
4 0 1
19 0 3
54 0 1
37 0 8
11 0 1
8 0 18
2 0 1
9 0 1
8 0 48
8 0 1
3 0 1
5 0 1
14 0 1
52 0 1
52 0 37
10 0 1
4 0 1
22 0 1
11 0 1
14 0 1
5 0 1
16 0 1

12 0 17
26 0 3
24 0 3
10 0 5
10 0 2
8 0 3
13 0 2
10 0 2
288 0 2
93 0 1
38 0 7
7 0 1
8 0 10
3 0 4
3 0 1
6 0 5
12 0 4
9 0 2
3 0 7
8 0 2
6 8 0 1
5 0 1
6 0 2
14 0 2
16 0 1
6506
7106

3 0 1
7 0 1
21 0 1
13 0 1
11 0 1
17 0 4
64 0 8
26 0 1
214 0 2
26 0 1
3 0 2
3 0 1
2 0 1
12 0 1
8 0 1
3 0 2
20 0 1
46 0 1
17 0 1
7 0 1
19 0 1
11 0 4
6 0 1
14 0 1
12 0 2
68 0 1
18 0 1
3 0 2
2 0 1
4 0 1
5 0 1
3 0 1
12 0 1
13 0 5
19 0 1
9 0 2
21 0 2
36 0 2
78 0 2
33 0 2
15 0 2
6 0 1
3 0 1
4 0 4

11 8 0 8
418 0 4
418 0 2
4 0 4
1 0 8
12 0 24
15 0 8
3 0 1
2 0 1
0-0-2
15 0 4
15 0 3
11 0 1
11 0 4
3907
1809
2711
2009
7 0 14
5 0 36
2704
68 0 16
1102
7 0 2
15 0 2
13 0 1
745191
745132
1 0 12
2 0 1
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8 0 9
9 0 1
5 0 1
6 0 1
9 0 1
2 0 1
4 0 1
5 0 1
7 0 2
7 0 1

25 0 1
5 0 2
166 0 69
8 0 1
6 0 1
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126 0 1
413 0 1
34 0 1
6 0 1
3 0 1
23 0 1
34 0 6
7 0 1
13 0 1
23 0 2
5 0 2
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11 0 1
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15 0 1
32 0 1
8 0 1
6 0 1
17 0 1

103 0 1
84 0 1
26 0 1
9 0 1
29 0 1
15 0 1
30 0 1
17 0 1
19 0 1
39 0 1
15 0 1
24 0 2
77 0 1
13 0 2
10 0 1
6 0 1
8 0 1
10 0 1
5 0 2
11 0 1
14 0 1
9 0 4
2 0 1
10 0 1
15 0 1
19 0 3

16 0 1
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5 0 1
31 0 1
5 0 1
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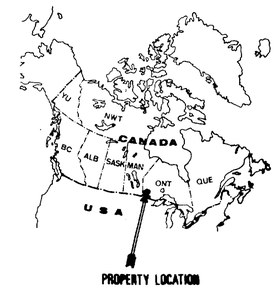
53 0 1
11 0 1
7 0 1
17 0 1
7 0 16
4 0 12
12 0 1
7 0 2
4 0 1
7 0 1
13 0 1
12 0 1
7 0 16
4 0 12
12 0 1
7 0 2
650 2
600 3
3 0 1
12 0 8
14 0 3
6 0 2

TROOPER
JAILBIRD
LONGE
BASELINE
ROWAN LAKE

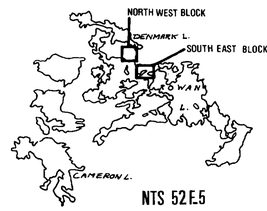
745197
745180
745198
745181

15 0 3
SAMPLE SITE
COPPER ASSAY IN PPM
GOLD ASSAY IN PPB

N



PROPERTY LOCATION



NTS 52F.5

2.11089

ROWAN LAKE JOINT VENTURE MAP NO 5

NEWFIELDS MINERALS INC.
KENGATE RESOURCES LTD.
INTERSTRAT RESOURCES INC.

SOIL GEOCHEMISTRY (Cu and Au)

NORTH WEST BLOCK

0 100 200 300 ft

SCALE 1" 200'

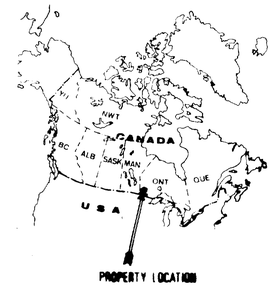
SEPTEMBER 1986

NORONTEX EXPLORATION LTD., DRYDEN ONT.

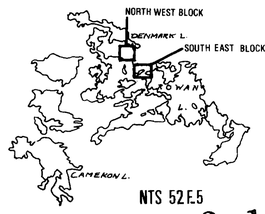
58 0 3
SAMPLE SITE
COPPER ASSAY IN PPM
GOLD ASSAY IN PPB

TRENCH

N



PROPERTY LOCATION



NTS 52E.5

2.11089

ROWAN LAKE JOINT VENTURE MAP NO.6

NEWFIELDS MINERALS INC.
KENGATE RESOURCES LTD.
INTERSTRAT RESOURCES INC.

SOIL GEOCHEMISTRY (Cu and Au)

SOUTH EAST BLOCK

0 100 200 300 ft

SCALE 1"= 200'

SEPTEMBER 1986

NORONTEX EXPLORATION LTD., DRYDEN ONT.

BLIND BAY
(ROWAN LAKE)

ROWAN LAKE

RINTAMAKI

BASELINE 20N

717951
717954
745174
745175
745178
745177

46N 44N 42N 40N 38N 36N 34N 32N 30N 28N 26N 24N 22N 20N 18N 16N 14N 12N 10N 8N 6N 4N

64E 68E 72E 76E 84E 92E 96E 100E 104E 108E 112E 116E

260