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**ASSESSMENT REPORT**

**SOIL GEOCHEMICAL REPORT**

ON THE

**SPROUT 89, SPROUT 941, SPROUT 942, SPROUT 943 AND SPROUT 944  
CLAIMS**

**NTS 92 V/10  
50° 41' NORTH LATITUDE  
120° 42' WEST LONGITUDE**

**KAMLOOPS MINING DIVISION  
BRITISH COLUMBIA**

FOR

**RIDEL RESOURCES LIMITED  
1450-409 GRANVILLE STREET  
VANCOUVER, BRITISH COLUMBIA V6C 2T8**

BY

**FILMED**

**CREST GEOLOGICAL CONSULTANTS LIMITED  
2197 PARK CRESCENT  
COQUITLAM, BRITISH COLUMBIA V3J 6T1**

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**23,720**

JANUARY 20, 1995

CRAIG W. PAYNE M.Sc., P.Geo.

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## SUMMARY AND CONCLUSIONS

The Savona Property consists of five claims totalling 54 units, located 30 kilometres west of Kamloops in the Kamloops Mining Division, south-central British Columbia on NTS sheet 92 I/10. Forestry roads provide access to most areas of the property.

The claims are 100% owned by C.R.C. Explorations Limited.

Previous exploration work in the area concentrated on mercury (in the late 1800's) and for copper in the 1970's. During the 1980's limited exploration work was carried out in the area of the claims for base metals and gold by Placer Development Ltd. and Newmont Exploration of Canada Ltd.

An exploration program consisting of establishing 37.8 kilometres of flagged grid lines, and the collection of 722 soil samples was carried out on the claims during the period June 15 to November 30, 1994. The purpose of the surveys was to define areas indicative of economic concentrations of "epithermal style" base and precious metals.

The property is underlain by northwest trending, east dipping upper Triassic, Nicola Group basic to intermediate volcanic rocks, agglomerates, and minor tuffaceous rock and chert pebble conglomerate. Locally, these rocks are intruded by sills and dykes of Eocene in age quartz feldspar porphyry. The intrusive rocks appear to be related to regionally extensive northwest-southeast orientated faulting and brecciation which is believed in part responsible for the development of laterally extensive alteration zones consisting of ankerite, silica and hematite (ASH alteration) with chalcidonic veining and quartz/calcite stockworks.

Results of the soil sampling outlined two gold-in-soil anomalies one extending some 500 metres and up to 100 metres wide with a northwest-southeast orientation through the east central part of the grid. Gold values within the soil anomaly range from 23ppb to 1,380ppb. The second gold soil anomaly is located in the southeastern part of the grid area and extends some 200 metres in a north-south direction and is up to 200 metres wide. This anomaly remains open to the north and south. Gold values in soils within this anomaly range from 20ppb to 120ppb. Coincident with the gold soil anomalies is arsenic and antimony soil anomalies.

Results of the soil geochemical survey has indicated the presence of significant gold, arsenic and antimony values in soils which suggests that significant gold values maybe present in the underlying bedrock.

The author has outlined a success contingent phased exploration program to further develop this prospect of merit. An estimated budget of \$85,000 is recommended to bring the targets to diamond drilling stage.

## INTRODUCTION

This report is a summary of soil sampling and grid establishment carried out on the Savona property. The purpose of the exploration program was to investigate and delineate areas on the property indicative of economic concentrations of epithermal style precious and base metals.

## LOCATION AND ACCESS (Figure 1)

The Savona property is located approximately 30 kilometres west of Kamloops and eight kilometres southeast of Savona in south-central British Columbia. The property is centered at 50° 41' north latitude and 120° 42' west longitude on NTS map sheet 92 I/10.

Access to the property is via Highway 1 for 30 kilometres west of Kamloops, south on the old Kamloops highway and southwest on forestry roads to the north-central part of the claims. A network of old forestry roads provide good access to all areas of the claim block.

## TOPOGRAPHY AND VEGETATION

Elevations on the property range from about 775 metres in the northern part to 1,220 metres in the south-central part of the claim block. Relief is gentle to moderate.

Vegetation is typical of the semi-arid region of the Kamloops area consisting of grasses, sagebrush, ponderosa pine and at higher elevations douglas fir. Much of the mature timber has been selectively logged.

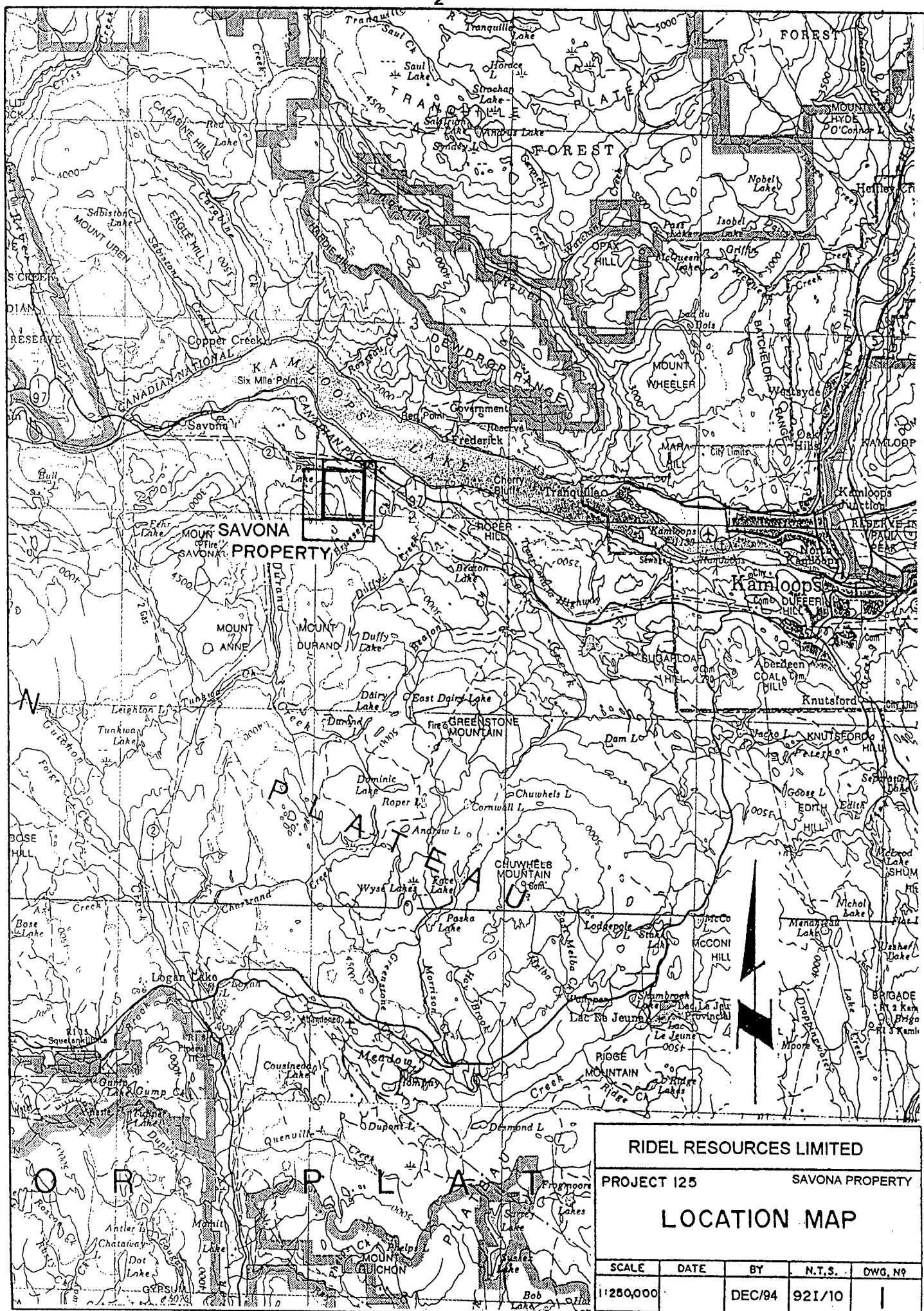
## CLAIMS (Figure 2)

The Savona property consists of five contiguous metric claims totalling 54 units (1,350ha). All claims are registered in the name of C.R.C. Explorations Limited. Claims information is listed in Table 1 below.

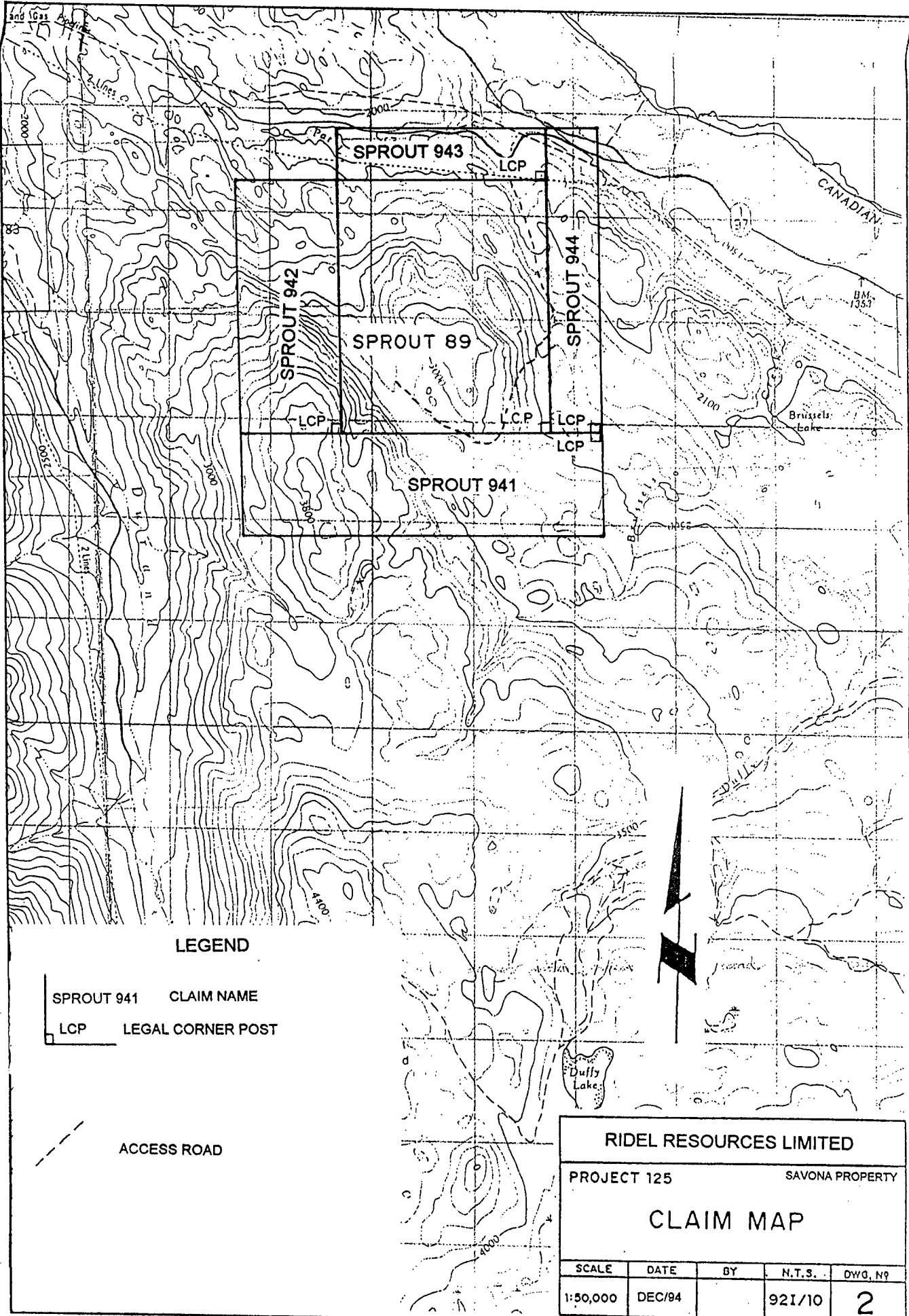
**TABLE 1 CLAIMS DATA**

Claim Name	Record No.	Units	Anniversary Date	Mining Division
Sprout 89	218592	20	July 1, 1998	Kamloops
Sprout 941	326958	14	June 15, 1998*	Kamloops
Sprout 942	326959	10	June 14, 1998*	Kamloops
Sprout 943	326960	4	June 15, 1998*	Kamloops
Sprout 944	326961	6	June 15, 1998*	Kamloops

\* Subject to acceptance of 1994 assessment work.



<b>RIDEL RESOURCES LIMITED</b>				
PROJECT 125			SAVONA PROPERTY	
<b>LOCATION MAP</b>				
SCALE	DATE	BY	N.T.S.	DWG. N <sup>o</sup>
1:250,000	DEC/94	921/10		



LEGEND

SPROUT 941 CLAIM NAME  
 LCP LEGAL CORNER POST

--- ACCESS ROAD

RIDEL RESOURCES LIMITED				
PROJECT 125			SAVONA PROPERTY	
CLAIM MAP				
SCALE	DATE	BY	N.T.S.	DWG. No
1:50,000	DEC/94		92I/10	2

## HISTORY

The area of the Savona claims has been explored for mercury, base metals and precious metals since the late 1800's.

The Sprout claims were in part explored by Newmont Exploration in 1982. Newmont discovered a wide band of altered and silicified volcanics which returned up to 0.23 ounces gold per ton over one metre. None of Newmont's exploration activity was recorded as assessment work. During the mid 1980's Placer Development Ltd. worked in the area east of the claims and carried out limited soil sampling and percussion drilling.

## 1994 WORK PROGRAM

An exploration program consisting of grid establishment totalling 37.8 kilometres, and soil geochemical sampling totalling 722 samples was carried out on the Sprout claims.

Mineral exploration work carried out on the Savona property in 1994 was performed under B.C. Ministry of Energy Mines and Petroleum Resources annual work approval number KAM 94-1500455-216 dated April 22, 1994. Reclamation is not required since no physical surface disturbance was performed.

## REGIONAL GEOLOGY (Figure 3)

The Savona property is underlain by Upper Triassic, Nicola Group volcanic and minor sedimentary rocks within the Intermontane terrain. The volcanic rocks consist of andesite, basalt, agglomerate and tuff. Sedimentary rocks include conglomerate, wacke, siltstone, argillite and south of the property limestone. The north-northwesterly trending Nicola Group package varies in width up to 40 kilometres and extends some 50 kilometres north of Kamloops Lake and 170 kilometres to the south. Nicola Group rocks are intruded by Jurassic-Cretaceous and possibly Tertiary? rocks ranging in composition from granite and syenite to pyroxenite.

Within the Savona area laterally extensive northwest - southeast orientated faults have occurred along Deadman River, Sabiston Creek, Carabine Creek and Durand Creek. The Sabiston Creek fault and associated lineaments pass through the Savona group of claims.

Early Tertiary? quartz porphyry intrusives with related carbonate and siliceous alteration zones are coincident with these lineaments.

Mercury deposits occur in a belt roughly 14 kilometres wide, extending from Tunkwa/Dominic Lakes in the south to Criss Creek to the north, a distance of some 39 kilometres. Mineralization occurs in Nicola Group rocks as well as late Cretaceous sedimentary and volcanic rocks. Generally, the rocks exhibit extensive silicification with chalcedonic veining, intense alteration to ankerite and the



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QUATERNARY

PLEISTOCENE AND RECENT

**PR<sub>v</sub>** \*VALLEY BASALT\*: vesicular olivine basalt;  
local acidic to intermediate breccia in Coast  
Mountains only

TERTIARY

MIOCENE AND PLEISTOCENE

**IMP<sub>v</sub>** \*PLATEAU BASALT\*: basalt, olivine basalt,  
minor tuff

MIOCENE (?) AND OLDER

**T<sub>v</sub>** Olivine basalt

**T<sub>i</sub>** Small intrusions of mainly intermediate  
composition

Eocene

**E<sub>k</sub>** KAMLOOPS GROUP: basalt, andesite, dacite,  
rhyolite, breccia, tuff and local intercalated  
sandstone; conglomerate, shale

**E<sub>c</sub>** \*COLDWATER BEDS\*: arkosic sandstone,  
conglomerate, shale, local coal seams

JURASSIC AND CRETACEOUS

**J<sub>gd</sub>** PENNASK BATHOLITH, DOUGLAS LAKE STOCK  
AND SIMILAR GRANITIC ROCKS: granodiorite,  
quartz monzonite

**ImJ<sub>A</sub>** ASHCROFT FM.: argillite, siltstone, sandstone,  
conglomerate, local minor carbonate

EARLIEST JURASSIC (?)

**eJ<sub>gd</sub>** WILD HORSE BATHOLITH, NICOLA BATHOLITH,  
PARTS OF MT. LYTTON PLUTONIC COMPLEX AND  
SIMILAR GRANITIC ROCKS: granodiorite, quartz  
monzonite; latter has local K-feldspar megacrystic  
phases

TRIASSIC AND (?) JURASSIC

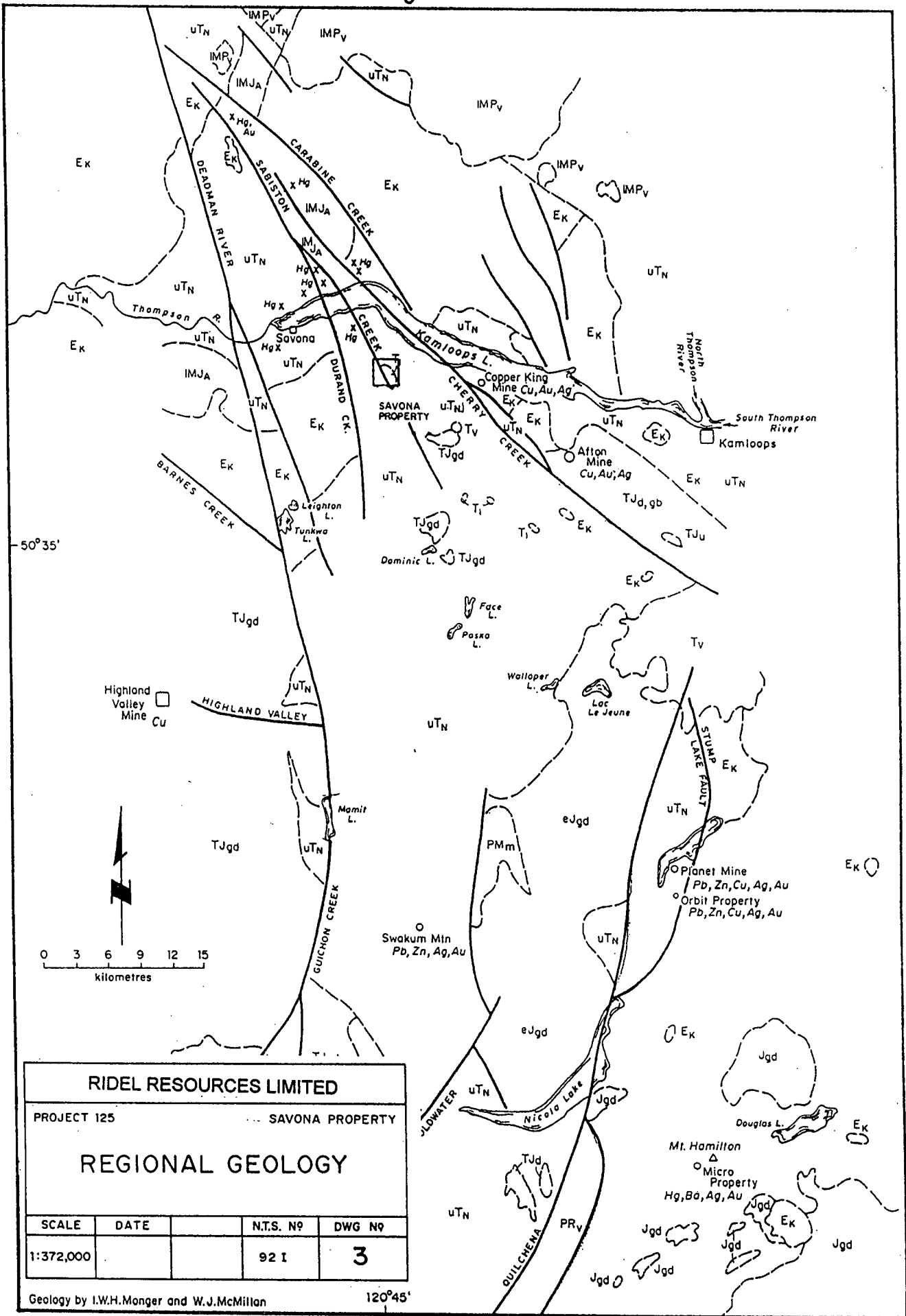
**TJ<sub>gd,qm</sub>** GUICHON CREEK BATHOLITH AND SIMILAR  
GRANITIC ROCKS: quartz monzonite and grano-  
diorite (qm (gd)); granodiorite, quartz diorite  
(gd(qd)) and subordinate diorite (d)

**TJ<sub>s,d,u</sub>** IRON MASK BATHOLITH AND SIMILAR ALKA-  
LINE INTRUSIONS: syenite (s); diorite (d);  
gabbro (gb); ultramafic (u)

**uT<sub>N</sub>** NICOLA GROUP: undifferentiated

PALAEOZOIC AND MESOZOIC

**PM<sub>m</sub>** Biotite quartz schist, biotite muscovite schist,  
garnet biotite schist local (in Coast Mountains),  
kyanite, sillimanite; protolith age unknown



RIDEL RESOURCES LIMITED				
PROJECT 125		SAVONA PROPERTY		
REGIONAL GEOLOGY				
SCALE	DATE	N.T.S. N <sup>o</sup>	DWG N <sup>o</sup>	
1:372,000		92 I	3	

Geology by I.W.H.Monger and W.J.McMillan 120°45'

development of dolomitic veins and stringers in shear and fracture zones. Associated with the cinnabar is stibnite, galena, tetrahedrite, malachite, azurite, chalcopyrite, pyrite, hematite and gold.

## PROPERTY GEOLOGY

The Savona property is underlain by northwest trending and east dipping upper Triassic, Nicola Group basic to intermediate volcanic rock, coarse sedimentary rocks and locally tuffaceous rock. The Nicola Group rocks have been intruded by Jurassic/Cretaceous diorite and Tertiary quartz feldspar porphyry dykes.

### Nicola Group

The most common rock type observed on the property is a mottled, green, grey to maroon, fine to medium grained volcanic flow rock (TN<sub>v</sub>). A variety of the volcanic rock is porphyritic (TN<sub>pv</sub>) which consists of subrounded 1 millimetre to 4 millimetre, black pyroxene or hornblende and locally feldspar phenocrysts. The rock is weakly to moderately calcareous and magnetic. In the eastern part of the property several subcrops of agglomerate (TN<sub>ag</sub>) vary widely in appearance. Generally the fragments are subrounded to angular and vary in size up to 5 centimetres and are of volcanic origin. The matrix is fine grained and grey to green in colour. Volcanic breccias (TN<sub>bx</sub>) also vary widely in appearance and range in colour from maroon to dark green-grey and are usually siliceous. Fragments are angular to subrounded and vary in size up to 2 centimetres and range in colour from reddish-purple to light green. The breccias are similar in appearance to the agglomerate except they lack the sedimentary fragments.

Tuffaceous rocks (TN<sub>t</sub>) outcrop on the central part of the property but appear to be of limited lateral extent. These rocks are grey-green, fine grained, and locally siliceous. Layering in the tuffaceous rocks ranges from 2 millimetres to 1 centimetre thick. One outcrop of chert pebble conglomerate (TN<sub>cg</sub>) was seen on the west side of the grid. The rock consists of well rounded 1 centimetre to 3 centimetre chert clasts set in a brown-tan coloured aphanitic matrix.

### Intrusive Rocks

Intruding the Nicola group rocks on the property are northwest orientated 6 metre to 10 metre thick dykes and sills of quartz feldspar porphyry (E<sub>qfp</sub>) which appear to dip approximately 35° to the southwest. These rocks are exposed along the eastern side of a ridge in the central part of the Sprout 89 claim. The quartz feldspar porphyry is fine to medium grained, grey-white with rounded 3 millimetre to 5 millimetre rounded quartz and minor subrounded feldspar phenocrysts set in a fine grained siliceous matrix.

## SOIL GEOCHEMICAL SURVEY (Figures 4 to 6)

Soil samples were collected every 25 metres along grid lines spaced 100 metres apart. A total of 722 soil samples were collected from the B soil horizon where possible at depths varying between 25 centimetres to 35 centimetres. Samples were placed in brown kraft bags and shipped to Acme

Analytical Laboratories Ltd., Vancouver, British Columbia and analyzed for 30 elements by ICP methods and gold by atomic absorption. Soil geochemical results and analytical certificates are listed in Appendix II.

### Soil Geochemical Results - Gold (Figure 4)

Gold values range from 1ppb to 1,380ppb with the median value being 3ppb. Anomalous values were visually estimated from the data as follows:

Threshold:  $\geq 20$ ppb  
 Anomalous:  $\geq 40$ ppb  $\leq 59$ ppb  
 Highly Anomalous:  $\geq 60$ ppb

**Anomaly 1** extends from L100N, 47+25E to L94N, 45+00E some 700 metres long and up to 150 metres wide. The anomaly is north - south orientated. Anomalous gold values within the anomaly range from 23ppb to 1,380ppb.

**Anomaly 2** is located on L90N, 52+00E and extends to the south 200 metres to L88N, 52+25E. This anomaly is up to 200 metres wide. Anomalous gold values within the anomaly range from 20ppb to 120ppb. This anomaly remains open to the north and south.

Several small gold soil anomalies are scattered throughout the grid area but are of limited lateral extent.

### Soil Geochemical Results - Arsenic (Figure 5)

Arsenic values range from 2ppm to 696ppm with the median value being 7ppm. Anomalous values were visually estimated from the data as follows:

Threshold:  $\geq 14$ ppm  
 Anomalous:  $\geq 25 \leq 34$   
 Highly Anomalous:  $\geq 35$ ppm

**Anomaly 1** extends some 500 metres from L100N, 46+00E to L96N, 44+75E and is north-south orientated. This soil anomaly is up to 100 metres wide. Anomalous arsenic values range from 15ppm to 696ppm within the anomaly.

**Anomaly 2** is a northeast-southwest orientated linear soil anomaly extending from L94N, 45+00E to L90N, 42+00E some 400 metres. The anomaly is up to 100 metres wide. Anomalous arsenic values within the anomaly range from 15ppm to 136ppm.

Several small arsenic soil anomalies are evident from the data and are located in the northwestern portion of the grid. These anomalies are of limited lateral extent.

## Soil Geochemical Results - Antimony (Figure 6)

Antimony values range from 2ppm to 48ppm with a median value of 2ppm. Anomalous values were visually estimated from the data as follows:

Threshold:  $\geq 6$ ppm  
Anomalous:  $\geq 10$ ppm  $\leq 13$ ppm  
Highly Anomalous:  $\geq 14$ ppm

**Anomaly 1** extends from L101N, 44+75E to L95N, 47+50E some 600 metres and has a northwest-southeast orientation. This anomaly is up to 100 metres wide. Anomalous soil values range from 6ppm to 37ppm.

**Anomaly 2** is located on L90N, 49+50E to L88N, 51+00E some 200 metres and is up to 100 metres wide. Anomalous soil geochemical values within the anomaly range from 6ppm to 30ppm. This anomalous trend remains open to the northwest and southeast.

Several smaller linear soil anomalies are scattered throughout the grid area but are of limited lateral extent.

## RECOMMENDATIONS

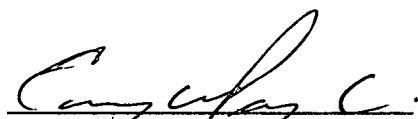
To further develop this gold prospect of merit a Phase 2 budget of \$85,000 is recommended to carry out the following work.

Detailed geological mapping and prospecting, rock sampling, soil sampling along strike to the south and east of present grid boundaries, extend the magnetometer and VLF-EM surveys to the south and east to aid in geological mapping and structural interpretation and carry out an IP survey to help define the downdip and strike potential of known disseminated gold mineralization observed at surface.

It is also suggested that grid lines be established parallel to the baseline to help define the northeast-southwest trending cross structures in the central part of the grid. Trenching of targets should be carried out after examination of the data by the above work. To carry out the above described exploration work an estimated budget of \$85,000 would be required.

A Phase 3 program of diamond drilling should be carried out contingent on the results of the Phase 2 program. Estimated cost to drill 1400 metres in this area is \$140,000.

Respectfully Submitted,



Craig W. Payne M.Sc., P.Geo.  
January 20, 1995

**ITEMIZED COST STATEMENT**

Assays Geochemistry: Acme Labs (722 soil samples)	\$9510.05
Grid Establishment/Soil Sampling: (37.8 kilometres)	\$600.00
Salaries: 16 mandays at \$225.00 per man day	\$3600.00
Truck Rental: 8 days at \$50.00 per day	\$400.00
Report/Drafting	\$114.55
Field Equipment/Consumables	<u>\$275.40</u>
Total	<u>\$14,500.00</u>

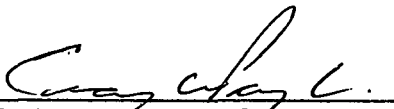
## STATEMENT OF QUALIFICATIONS

I, Craig W. Payne of Coquitlam, British Columbia do hereby certify that:

1. I am a graduate of Brock University, St. Catharines, Ontario with a Master of Science degree in Geological Sciences, 1979.
2. I am a Fellow of the Geological Association of Canada.
3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.
4. I have practised my profession since 1972.
5. I am consulting geologist with Crest Geological Consultants Limited.
6. I am the author of the report entitled "Soil Geochemical Report on the Sprout 89, Sprout 941, Sprout 942, Sprout 943 and Sprout 944 Claims"; Kamloops Mining Division, dated: January 20, 1995.

Dated at Coquitlam, B.C. this 20th day of January, 1995.

Respectfully submitted,



Craig W. Payne M.Sc., P.Ge.  
January 20, 1995



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**APPENDIX I**

**SAMPLE PREPARATION**

## SAMPLE PREPARATION

Soil samples are dried at 60<sup>o</sup> celsius and sieved to minus 80 mesh. A 0.5 gram sample is digested with 3mls 3-1-2 HCl-HNO<sub>3</sub>-H<sub>2</sub>O at 95<sup>o</sup> celsius for one hour and diluted with water. This leach is near total for base metals, partial for rock forming elements and very slight for refractory elements. Solubility limits Ag, Pb, Sb, Bi, W for high grade samples.

Soil samples were analyzed by ICP methods and a 10gm sample was analyzed for gold using atomic absorption. A 10gm sample was also used for mercury and analyzed by flameless atomic absorption.

Rock samples are crushed to approximately 0.5cm and then approximately half of the sample is ground to -100 mesh. A 20gm sample is digested as described above for soils.

Rock samples were analyzed by ICP methods except gold which was analyzed by atomic absorption and mercury by flameless atomic absorption.

**APPENDIX II**

**SOIL GEOCHEMICAL RESULTS  
AND SAMPLE DESCRIPTIONS**

**GENERAL STATISTICS FOR SOIL SAMPLES FROM SAVONA PROPERTY; PROJECT 125**

	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Mn ppm	Fe %	As ppm	Sr ppm	Cd ppm	Sb ppm	V ppm	Ca %	Ba ppm	B ppm	Au ppb
NUMBER OF SAMPLES	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722
MAX VALUE	214	76	234	1.8	722	3281	6.52	696	2813	0.8	48	191	25.93	1757	81	1380
MIN VALUE	13	2	10	0.1	8	52	0.49	2	20	0.2	2	11	0.3	79	2	1
AVERAGE	65.2	7.4	77.8	0.2	25.3	767.1	4.0	10.5	97.2	0.2	3.2	92.9	1.2	348.2	8.7	10.9
MEDIAN	61.0	7.0	77.0	0.1	23.0	712.0	4.1	7.0	49.0	0.2	2.0	95.0	0.8	313.0	8.0	3.0
VARIANCE	663.3	29.2	433.5	0.0	912.4	114163.8	0.8	798.1	65649.7	0.0	9.9	599.2	5.4	26782.7	50.5	3209.3
STANDARD DEVIATION	25.8	5.4	20.8	0.1	30.2	337.9	0.9	28.3	256.2	0.1	3.1	24.5	2.3	163.7	7.1	56.7
MEAN+2STD'S	116.7	18.2	119.5	0.4	85.8	1442.8	5.8	67.0	609.7	0.4	9.5	141.8	5.9	675.5	22.9	124.2
MEAN+3STD'S	142.5	23.6	140.3	0.5	116.0	1780.7	6.7	95.3	865.9	0.5	12.6	166.3	8.2	839.2	30.0	180.8

**CORRELATION TABLE FOR SOIL SAMPLES FROM SAVONA PROPERTY; PROJECT 125**

	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Mn ppm	Fe %	As ppm	Sr ppm	Cd ppm	Sb ppm	V ppm	Ca %	Ba ppm	B ppm	Au ppb
Cu ppm	1.0															
Pb ppm	0.2	1.0														
Zn ppm	0.2	0.3	1.0													
Ag ppm	0.4	0.4	0.2	1.0												
Ni ppm	0.0	0.0	0.0	0.0	1.0											
Mn ppm	0.2	0.1	0.4	0.1	0.0	1.0										
Fe %	<b>0.6</b>	0.1	0.3	0.2	0.2	0.1	1.0									
As ppm	0.3	0.3	0.1	<b>0.6</b>	0.0	0.1	0.2	1.0								
Sr ppm	-0.2	-0.1	-0.2	0.0	-0.1	-0.1	-0.5	0.0	1.0							
Cd ppm	0.3	0.2	0.4	0.3	0.0	0.2	0.1	0.2	0.0	1.0						
Sb ppm	0.4	0.2	0.1	0.4	-0.1	0.0	0.3	<b>0.5</b>	-0.1	0.2	1.0					
V ppm	0.3	0.0	0.0	-0.1	0.2	0.2	<b>0.6</b>	-0.1	-0.4	-0.1	0.0	1.0				
Ca %	-0.1	-0.1	-0.2	0.1	-0.1	-0.1	-0.5	0.0	<b>0.8</b>	0.1	0.0	-0.4	1.0			
Ba ppm	0.4	0.1	0.4	0.2	-0.1	0.3	0.3	0.1	-0.1	0.1	0.3	0.0	0.0	1.0		
B ppm	0.0	-0.1	-0.1	0.1	-0.1	-0.1	-0.4	0.0	<b>0.6</b>	0.1	0.0	-0.4	<b>0.6</b>	0.0	1.0	
Au ppb	0.3	0.4	0.2	<b>0.7</b>	0.0	0.1	0.2	<b>0.8</b>	0.0	0.4	0.4	-0.1	0.1	0.2	0.0	1.0

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125

NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
10900	4800	3457	75	6	61	0.2	6	2	2	SOIL	ORGANIC	B	BROWN	HILLSIDE/WEST	
10900	4825	3458	59	8	69	0.1	9	3	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL. SHALLOW. NEAR BEDROCK.
10900	4850	3459	99	9	60	0.2	11	2	12	SOIL	TILL	B	BROWN	HILLTOP	GOOD SAMPLE.
10900	4875	3460	72	5	69	0.1	8	4	3	SOIL	TILL	B	BROWN	HILLTOP/HILLSIDE	
10900	4900	3461	66	8	104	0.1	14	3	1	SOIL	TILL	B	BROWN	HILLTOP	ROCKY SOIL.
10900	4925	3462	84	12	73	0.1	11	3	3	SOIL	TILL	B	BROWN	HILLTOP	OUTCROP.
10900	4950	3463	91	10	94	0.2	10	3	3	SOIL	TILL,ORGANIC	B	BROWN	HILLSIDE/EAST	SHALLOW SAMPLE.
10900	4975	3464	69	7	80	0.1	8	4	4	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
10900	5000	3465	38	11	72	0.1	3	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
10900	5025	3466	70	9	55	0.1	7	4	6	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
10900	5050	3467	68	9	56	0.2	4	3	5	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
10900	5075	3468	35	7	78	0.1	2	3	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
10900	5100	3469	39	7	61	0.1	5	2	1	SOIL	TILL	B	BROWN	GULLEY	
10900	5125	3470	71	8	63	0.1	3	2	3	SOIL	TILL	B	BROWN	GULLEY	
10900	5150	3471	79	8	80	0.1	10	2	10	SOIL	TILL,ORGANIC	B	BROWN	HILLTOP	VERY ROCK SOIL BESIDE OUTCROP.
10900	5175	3472	65	10	59	0.1	8	3	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10900	5200	3473	85	9	91	0.3	39	6	110	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.
10900	5225	3474	36	7	50	0.1	10	2	6	SOIL	TILL	B	BROWN	GULLEY	ROCKY SOIL. SHALLOW.
10900	5250	3475	44	7	68	0.1	4	2	23	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
10900	5275	3476	57	10	88	0.1	11	3	8	SOIL	TILL	B	BROWN	HILLSIDE/EAST	ROCKY SOIL.
10900	5300	3477	85	9	73	0.1	5	4	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST	ROCKY GROUND. POOR SAMPLE. N/S TAKEN AT 53+25E.
10900	5325														
10900	5350	3456	64	12	70	0.3	11	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST	GOOD SAMPLE.
10900	5375	3455	65	6	49	0.2	8	2	1	SOIL	TILL	TOPSOIL,B	BROWN	HILLSIDE/EAST	ROCKY SOIL. OUTCROP.
10900	5400	3454	97	8	92	0.1	11	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	ROCKY GROUND.
10900	5425	3453	53	11	100	0.3	9	2	1	SOIL	ORGANIC	B	BROWN	HILLSIDE/EAST	GOOD SOIL. OUTCROP. N/S TAKEN AT 54+60E.
10900	5450														
10900	5475	3452	125	6	72	0.2	7	2	1	SOIL	ORGANIC	SUBSOIL	BLACK,BROWN	HILLSIDE/EAST	CLIFF. VERY ROCKY AND STEEP.
10900	5500	3451	52	11	81	0.2	3	2	5	SOIL	TILL	B	BROWN	HILLSIDE/EAST	GOOD SAMPLE TAKEN ON LEDGE NEAR CLIFF. LARGE OUTCROP.
10875	5500														
10850	5500														
10825	5500														
10800	4100	3766	99	2	73	0.2	5	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4125	3767	111	11	82	0.3	13	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4150	3768	75	9	84	0.2	26	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4175	3769	73	9	94	0.2	13	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4200	3770	70	4	82	0.2	6	2	5	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4225	3771	62	6	73	0.1	4	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4250	3772	64	3	79	0.1	7	3	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4275	3773	88	4	69	0.3	13	3	11	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4300	3774	74	4	65	0.3	11	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4325	3775	66	7	78	0.1	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4350	3776	56	10	64	0.1	11	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4375	3777	58	7	97	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4400	3778	134	6	68	0.4	13	2	6	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4425	3779	60	9	70	0.2	13	3	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4450	3780	65	6	69	0.4	14	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4475	3781	80	6	72	0.1	11	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4500	3782	94	6	81	0.3	19	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4525	3783	88	11	105	0.3	20	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4550	3784	43	4	109	0.2	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4575	3785	43	8	79	0.2	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4600	3786	46	5	80	0.1	11	3	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4625	3787	58	10	73	0.2	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4650	3788	67	7	65	0.1	10	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4675	3789	56	4	57	0.2	6	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4700	3790	24	4	17	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4725	3791	48	6	59	0.3	5	3	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4750	3792	26	6	23	0.1	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROAD AT 47+50. FENCE AT 47+60.
10800	4775	3793	70	4	53	0.1	14	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10800	4800	3823	52	11	78	0.1	11	4	2	SOIL	TILL	SUBSOIL	BROWN	HILLSIDE/WEST	OUTCROP EAST OF LINE. POOR SOIL.
10800	4825	3824	81	11	82	0.1	16	4	2	SOIL	TILL	A	BROWN	HILLSIDE/WEST	OUTCROP VOLCANIC. POOR SOIL.
10800	4850	3825	80	12	71	0.1	10	2	4	SOIL	TILL	A	BROWN	HILLTOP	ROCKY SOIL.
10800	4875	3398	63	13	79	0.1	7	2	3	SOIL	TILL	B	BROWN	HILLTOP,FLAT	ROCKY SOIL.
10800	4900	3399	63	10	79	0.1	11	2	4	SOIL	TILL	A	BROWN	HILLTOP,FLAT	OUTCROP N+S OF LINE.
10800	4925	3400	59	7	74	0.1	7	2	4	SOIL	TILL	B	BROWN	HILLTOP,FLAT	ROCKY SOIL.
10800	4950	3826	49	8	54	0.1	7	2	3	SOIL	TILL	B	BROWN	HILLTOP,FLAT	ROCKY SOIL. OUTCROP EAST OF LINE.
10800	4975	3827	82	7	98	0.1	11	2	33	SOIL	TILL	A	BROWN	HILLTOP,FLAT	OUTCROP SOUTH OF LINE AND NORTH OF LINE.
10800	5000	3828	32	4	57	0.1	4	2	2	SOIL	TILL	A	BROWN,GREY	HILLTOP,FLAT	OUTCROP SOUTH OF LINE. NO SAMPLE AT 50+25E.
10800	5025														
10800	5050	3829	50	5	91	0.1	9	3	4	SOIL	TILL	SUBSOIL	BROWN	HILLSIDE/EAST	OUTCROP ALTERED VOLCANIC NORTH OF LINE.
10800	5075	3830	51	6	94	0.1	6	2	1	SOIL	TILL	A	BROWN,GREY	HILLSIDE/EAST	
10800	5100	3831	53	7	77	0.1	5	2	3	SOIL	TILL	A	BROWN	HILLSIDE/EAST	OUTCROP EAST OF LINE.
10800	5125	3832	76	6	117	0.5	74	2	310	SOIL	TILL	SUBSOIL	BROWN	HILLSIDE/EAST	OUTCROP WEST OF LINE.
10800	5150	3833	47	7	71	0.2	5	2	8	SOIL	TILL	A	BROWN,GREY	HILLSIDE/EAST	ROCKY SOIL.

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125	NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
10800	5175	3834									SOIL	TILL	A	BROWN,GREY	HILLSIDE/EAST	
10800	5200	3835	40	3	59	0.1		2		3	SOIL	TILL	B	BROWN	GULLEY	GOOD SOIL.
10800	5225	3836	57	2	38	0.1		5		2	SOIL	TILL	A	BROWN	FLAT	OUTCROP NORTH OF LINE.
10800	5250	3837	74	9	67	0.1		8		2	SOIL	TILL	SUBSOIL	BROWN,GREY	FLAT	SAMPLE TAKEN ON OUTCROP. N/S AT 52+75E.
10800	5275		69	2	93	0.1		7		2	SOIL	TILL	AB	BROWN,GREY	FLAT	
10800	5300	3838	64	4	86	0.1		5		2	SOIL	TILL	A	BROWN,GREY	HILLSIDE/WEST	ROCKY SOIL.
10800	5325	3839	57	3	81	0.1		9		2	SOIL	TILL	A	BROWN,GREY	HILLSIDE/WEST	OUTCROP NORTH OF LINE. VOLCANIC.
10800	5350	3840	76	8	96	0.1		7		2	SOIL	TILL	A	BROWN,GREY	HILLSIDE/SOUTH	OUTCROP NORTH OF LINE TALUS SLOPE.
10800	5375	3841	107	7	103	0.4		98		69	SOIL	TILL	A	BROWN,ORANGE	HILLSIDE/SOUTH	OUTCROP NORTH OF LINE ABUNDANT ALTERED VOLCANIC.
10800	5400	3842	85	7	87	0.1		13		2	SOIL	TILL	B	BROWN	HILLTOP	ROCKY SOIL.
10800	5425	3843	96	6	76	0.2		9		2	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
10800	5450	3844	74	8	89	0.1		6		2	SOIL	TILL	SUBSOIL	BROWN,GREY	HILLTOP	OUTCROP ALL AROUND. N/S TAKEN AT 54+75E OR AT BL.
10800	5475															
10800	5500															
10775	5500															
10750	5500															
10725	5500															
10700	4100	4301	52	7	69	0.2		7		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4125	4302	70	2	88	0.2		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4150	4303	60	3	65	0.1		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4175	4304	65	6	69	0.2		7		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4200	4305	54	6	98	0.1		4		3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4225	4306	66	4	86	0.1		7		3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4250	4307	89	2	76	0.2		7		8	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4275	4308	80	5	57	0.1		20		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4300	4309	121	5	54	0.4		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4325	4310	116	3	64	0.4		8		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.
10700	4350	4311	74	7	73	0.2		10		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4375	4312	68	6	74	0.1		6		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4400	4313	69	5	71	0.2		4		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4425	4314	80	5	74	0.1		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4450	4315	93	4	65	0.3		6		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4475	4316	85	4	68	0.2		9		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4500	4317	72	12	88	0.1		22		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4525	4318	107	8	80	0.2		16		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4550	4319	58	9	73	0.2		13		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4575	4320	91	3	67	0.3		16		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4600	4321	60	5	66	0.2		10		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4625	4322	44	7	67	0.1		14		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4650	4323	46	3	64	0.2		13		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4675	4324	40	7	50	0.1		8		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4700	4325	63	2	50	0.1		11		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4725	4326	51	9	68	0.1		12		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4750	4327	63	9	86	0.1		6		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	4775	4328	85	4	54	0.1		10		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10700	5500															
10675	5500															
10650	5500															
10625	5500															
10600	4100	3756	56	8	74	0.2		7		3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4125	3756	92	5	74	0.2		9		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4150	3754	69	7	89	0.1		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4175	3753	85	5	66	0.2		9		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4200	3752	29	2	25	0.1		7		3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4225	3751	100	4	75	0.2		11		10	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4250	3750	108	2	65	0.2		10		3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4275	3749	72	5	78	0.1		4		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4300	3748	70	12	71	0.2		4		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4325	3747	58	9	88	0.2		6		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4350	3746	112	5	74	0.2		4		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4375	3745	87	5	64	0.3		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4400	3744	83	10	82	0.3		11		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4425	3743	80	7	71	0.2		6		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4450	3742	66	10	74	0.3		11		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4475	3741	84	12	79	0.3		11		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4500	3740	85	10	85	0.3		15		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4525	3739	110	9	76	0.3		6		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4550	3738	63	9	108	0.2		7		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4575	3737	57	5	75	0.2		4		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4600	3736	71	5	63	0.2		7		4	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4625	3735	44	6	77	0.2		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4650	3734	34	5	43	0.3		2		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4675	3733	41	5	10	0.2		5		2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4700	3732	70	9	65	0.1		10		5	SOIL	TILL	B	BROWN	HILLSIDE/WEST	
10600	4725	3731	46	5	73	0.1		12		6	SOIL	TILL	B	BROWN	HILLSIDE/WEST	



SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125		SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT																	
NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS				
10600	4750	3730	58	5	70	0.5	26	2	49	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10600	4775	3729	59	3	57	0.1	11	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	ROCKY SOIL. OUTCROP.				
10600	5500																		
10575	5500																		
10550	5500																		
10525	5500																		
10500	4100	3765	75	6	77	0.3	13	2	5	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10500	4125	3764	73	4	75	0.3	13	3	5	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10500	4150	3763	47	5	71	0.1	10	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10500	4175	3762	41	7	53	0.1	4	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10500	4200	3761	71	5	68	0.2	7	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10500	4225	4400	78	10	69	0.5	7	5	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10500	4250	4399	52	10	78	0.4	3	3	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10500	4275	4398	83	13	68	0.4	8	4	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10500	4300	4397	78	10	72	0.3	2	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10500	4325	4396	76	8	86	0.3	2	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10500	4350	4395	86	11	67	0.2	2	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP. TALLUS.				
10500	4375	4394	88	11	72	0.2	3	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10500	4400	4393	110	13	79	0.6	9	2	5	SOIL	TILL	B	BROWN	HILLTOP	OUTCROP.				
10500	4425	4392	80	6	79	0.4	10	2	4	SOIL	TILL	B	BROWN	HILLTOP	OUTCROP.				
10500	4450	4391	79	9	70	0.2	3	2	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4475	4390	73	6	87	0.3	5	8	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.				
10500	4500	4389	67	11	75	0.1	2	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.				
10500	4525	4388	52	6	100	0.2	2	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4550	4387	52	12	70	0.2	7	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4575	4386	51	9	80	0.3	11	4	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4600	4385	39	13	74	0.1	4	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	GULLEY 8M EAST.				
10500	4625	4384	65	3	67	0.1	12	4	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4650	4383	60	8	66	0.2	12	3	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4675	4382	55	2	58	0.3	11	4	4	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4700	4381	21	7	24	0.1	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4725	4380	30	5	29	0.1	4	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4750	4379	42	2	29	0.1	2	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	4775	4378	38	5	41	0.1	2	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST					
10500	5500																		
10475	5500																		
10450	5500																		
10425	5500																		
10400	4100	3701	53	9	109	0.2	14	4	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	ROCKY SOIL. OUTCROP.				
10400	4125	3702	68	2	96	0.3	10	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4150	3703	56	6	87	0.1	8	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4175	3704	44	5	80	0.1	12	3	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4200	3705	74	5	89	0.3	11	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4225	3706	76	3	89	0.2	12	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10400	4250	3707	84	9	98	0.2	12	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4275	3708	61	2	113	0.2	11	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10400	4300	3709	65	3	85	0.2	8	4	3	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4325	3710	63	4	88	0.2	11	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4350	3711	101	8	78	0.1	15	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4375	3712	88	7	121	0.2	18	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4400	3713	76	5	79	0.2	7	2	4	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4425	3714	71	3	83	0.1	7	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4450	3715	48	9	89	0.1	9	5	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4475	3716	67	2	71	0.1	7	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4500	3717	83	5	81	0.1	10	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4525	3718	96	6	234	0.1	8	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	ROCKY SOIL.				
10400	4550	3719	31	4	67	0.1	8	4	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4575	3720	55	7	67	0.1	10	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4600	3721	61	6	85	0.3	16	5	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4625	3722	66	8	89	0.3	10	3	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4650	3723	36	8	123	0.1	4	4	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4675	3724	71	2	62	0.1	13	2	13	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4700	3725	92	8	81	0.1	9	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4725	3726	97	12	76	0.1	9	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4750	3727	115	2	65	0.2	7	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	4775	3728	95	9	68	0.1	7	3	2	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10400	5500		53	6	81	0.2	2	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	O/C WITHIN 20m				
10375	5500																		
10350	5500																		
10325	5500																		
10300	4100	4350	99	8	93	0.4	8	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP AND CLIFFS TO EAST.				
10300	4125	4351	139	7	56	0.3	33	2	44	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP AND CLIFFS.				
10300	4150	4352	83	10	66	0.1	4	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.				
10300	4175	4353	123	5	107	0.3	29	5	6	SOIL	TILL	B	BROWN	HILLSIDEWEST					
10300	4200	4354	47	6	77	0.1	6	3	1	SOIL	TILL	B	BROWN	HILLSIDEWEST					

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125		SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT																
NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS			
10300	4225	4355	84	6	74	0.1	10	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.			
10300	4250	4356	31	8	128	0.1	5	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4275	4357	44	7	67	0.1	8	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP TO SOUTH.			
10300	4300	4358	40	6	48	0.1	5	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4325	4359	61	3	69	0.2	4	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4350	4360	81	5	74	0.1	6	2	20	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4375	4361	46	10	91	0.1	6	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4400	4362	39	4	74	0.1	19	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4425	4363	48	9	79	0.1	12	2	5	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4450	4364	66	9	89	0.2	152	2	64	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP TO SOUTH.			
10300	4475	4365	40	7	126	0.2	18	4	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP TO SOUTH.			
10300	4500	4366	66	6	100	0.3	13	4	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4525	4367	59	9	77	0.4	45	4	8	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4550	4368	69	12	80	0.4	22	5	5	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4575	4369	61	10	63	0.4	20	6	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4600	4370	59	10	72	0.4	13	4	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4625	4371	52	8	81	0.5	13	3	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4650	4372	53	7	63	0.1	5	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4675	4373	44	8	55	0.1	5	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP TO NORTH.			
10300	4700	4374	42	8	65	0.1	5	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4725	4375	29	5	38	0.1	2	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4750	4376	56	3	47	0.1	2	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	4775	4377	46	3	49	0.1	2	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10300	5500																	
10275	5500																	
10250	5500																	
10225	5500																	
10200	4100	4349	60	9	92	0.1	17	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10200	4125	4348	77	10	82	0.1	12	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP. TALLUS. ROCKY SOIL.			
10200	4150	4347	178	4	83	0.4	61	48	130	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10200	4175	4346	58	7	76	0.1	10	3	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.			
10200	4200	4345	67	4	74	0.3	11	2	13	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.			
10200	4225	4344	84	10	72	0.2	14	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10200	4250	4343	120	6	72	0.1	16	2	2	SOIL	TILL	B	BROWN	HILLTOP	OUTCROP. SMALL CLIFF.			
10200	4275	4342	67	7	64	0.2	15	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4300	4341	99	8	111	0.3	10	14	7	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP TO SOUTH.			
10200	4325	4340	42	9	116	0.3	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4350	4339	39	7	89	0.2	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4375	4338	32	7	71	0.4	8	3	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4400	4337	61	9	93	0.2	7	4	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST	GULLEY 5M EAST.			
10200	4425	4336	36	3	19	0.2	4	3	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4450	4335	56	9	84	0.2	9	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4475	4334	73	5	75	0.1	4	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4500	4333	68	6	72	0.1	5	2	140	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.			
10200	4525	4332	84	11	74	0.1	11	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4550	4331	48	5	79	0.1	12	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4575	4330	93	5	78	0.2	6	2	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.			
10200	4600	4299	33	6	57	0.2	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4625	4288	29	2	59	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP. TALLUS. ROCKY SOIL.			
10200	4650	4297	55	2	69	0.1	5	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4675	4296	58	7	55	0.2	5	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4700	4295	71	8	80	0.1	2	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.			
10200	4725	4294	65	5	72	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4750	4293	69	4	74	0.2	3	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST				
10200	4775	4292	27	6	92	0.1	4	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.			
10200	5500																	
10175	5500																	
10150	5500																	
10125	5500																	
10100	4100	3595	108	6	81	0.4	17	5	54	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.			
10100	4125	3596	83	3	84	0.3	14	5	10	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10100	4150	3597	74	5	87	0.3	16	5	21	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.			
10100	4175	3598	130	6	86	0.4	12	4	5	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.			
10100	4200	3599	108	11	120	0.4	46	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.			
10100	4225	3600	64	7	86	0.2	118	3	47	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10100	4250	3672	35	4	86	0.2	41	3	8	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10100	4275	3673	56	8	99	0.2	27	4	6	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.			
10100	4300	3674	40	6	68	0.2	3	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST				
10100	4325	3675	113	5	65	0.3	13	4	5	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.			
10100	4350	3676	74	8	66	0.3	24	2	15	SOIL	TILL	B	BROWN	HILLTOP				
10100	4375	3677	50	7	66	0.2	8	4	2	SOIL	TILL	B	BROWN	HILLTOP				
10100	4400	3678	53	6	90	0.2	18	3	3	SOIL	TILL	B	BROWN	HILLTOP	ROCKY SOIL.			
10100	4425	3679	61	6	68	0.1	14	2	3	SOIL	TILL	B	BROWN	HILLTOP				
10100	4450	3680	37	10	89	0.3	7	4	1	SOIL	TILL	B	BROWN	HILLTOP				
10100	4475	3681	63	11	109	0.2	3	10	2	SOIL	TILL	B	BROWN	HILLTOP				

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT ID	NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
10100	4500	3682	47	12	89	0.2	13	3	1	SOIL	TILL	B	BROWN	HILLTOP		
10100	4525	3683	62	7	102	0.3	7	2	1	SOIL	TILL	B	BROWN	HILLTOP		
10100	4550	3684	42	7	141	0.2	11	3	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	NORTHEAST SLOPE.	
10100	4575	3685	71	7	80	0.2	9	3	4	SOIL	TILL	B	BROWN	HILLSIDE/EAST		
10100	4600	3686	23	2	16	0.1	6	3	1	SOIL	TILL	B	BROWN	FLAT	LOW GROUND. WET IN SUMMER?	
10100	4625	3687	86	6	51	0.2	6	2	4	SOIL	TILL	B	BROWN	FLAT		
10100	4650	3688	63	11	87	0.2	7	2	3	SOIL	TILL	B	BROWN	FLAT		
10100	4675	3689	75	9	87	0.2	8	2	2	SOIL	TILL	B	BROWN	FLAT	VERY ROCKY SOIL.	
10100	4700	3690	53	8	69	0.3	7	2	1	SOIL	TILL	B	BROWN	FLAT	OUTCROP.	
10100	4725	3691	56	4	78	0.4	5	4	1	SOIL	TILL	B	BROWN	FLAT		
10100	4750	3692	48	4	61	0.2	4	2	1	SOIL	TILL	B	BROWN	FLAT		
10100	4775	3693	41	4	58	0.2	5	2	1	SOIL	TILL	B	BROWN	FLAT	OUTCROP.	
10100	5500															
10075	5500															
10050	5500															
10025	5500															
10000	4100	4265	53	2	72	0.2	4	7	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4125	4266	98	7	81	0.1	3	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4150	4267	112	4	64	0.1	5	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4175	4268	156	10	71	0.2	9	6	10	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4200	4269	128	13	54	0.3	7	5	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4225	4270	92	8	84	0.1	2	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4250	4271	109	11	64	0.2	5	2	8	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4275	4272	99	8	85	0.1	8	2	5	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4300	4273	48	9	82	0.1	3	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4325	4274	61	10	88	0.1	15	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4350	4275	51	11	109	0.1	15	2	7	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4375															
10000	4400	4276	44	7	81	0.1	6	4	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4425	4277	94	6	83	0.1	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4450	4278	82	10	80	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4475	4279	53	6	69	0.1	4	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4500	4280	61	12	90	0.1	9	2	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4525	4281	51	2	94	0.1	14	10	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4550	4282	49	7	82	0.1	2	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4575	4283	72	6	85	0.3	7	13	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4600	4284	68	34	109	0.4	21	16	55	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP. GULLEY 5M WEST.	
10000	4625	4285	47	9	80	0.2	14	4	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4650	4286	29	7	84	0.3	13	3	3	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	4675	4287	53	7	84	0.1	9	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4700	4288	68	8	64	0.4	13	4	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4725	4289	77	2	73	0.2	18	2	29	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4750	4290	71	6	67	0.1	7	5	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
10000	4775	4291	39	7	88	0.2	3	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
10000	5500															
9975	5500															
9950	5500															
9925	5500															
9900	4100	3878	60	6	103	0.1	2	4	1	SOIL	TILL	B	GREY/BROWN	GENTLE	O/C WITHIN 20m	
9900	4125	3877	132	7	108	0.1	2	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
9900	4150	3876	140	8	95	0.1	7	7	5	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
9900	4175	3875	112	9	86	0.1	2	2	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
9900	4200	3874	95	13	90	0.1	42	4	23	SOIL	TILL	B	BROWN	HILLSIDE/WEST		
9900	4225															
9900	4250	3873	64	11	117	0.1	3	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.	
9900	4275	3872	63	13	87	0.2	18	6	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.	
9900	4300	3871	72	18	99	0.1	4	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST	ROCKY SOIL.	
9900	4325	3870	81	9	71	0.1	11	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST	OUTCROP.	
9900	4350	3869	72	7	68	0.1	13	2	1	SOIL	TILL	B	BROWN	HILLTOP	ROCKY SOIL.	
9900	4375	3868	87	8	69	0.2	10	2	9	SOIL	TILL	B	BROWN	HILLTOP	ROCKY SOIL.	
9900	4400	3867	113	7	95	0.3	4	2	2	SOIL	TILL	B	BROWN	HILLTOP		
9900	4425	3866	48	8	92	0.1	11	2	5	SOIL	TILL	B	BROWN	HILLTOP		
9900	4450	3865	68	6	73	0.2	11	5	6	SOIL	TILL	B	BROWN	HILLTOP	ROCKY SOIL.	
9900	4475	3864	39	8	104	0.1	6	4	1	SOIL	TILL	B	BROWN	HILLTOP	OUTCROP.	
9900	4500	3863	76	9	72	0.2	8	2	5	SOIL	TILL	B	BROWN	HILLTOP		
9900	4525	3862	91	10	83	0.2	9	2	5	SOIL	TILL	B	BROWN	HILLTOP		
9900	4550	3861	91	8	76	0.3	9	4	11	SOIL	TILL	B	BROWN	HILLTOP	OUTCROP.	
9900	4575	3860	74	8	84	0.2	7	3	2	SOIL	TILL	B	BROWN	HILLTOP		
9900	4600	3859	48	11	99	0.3	15	2	4	SOIL	TILL	B	BROWN	HILLSIDE/EAST		
9900	4625	3700	44	11	117	0.1	16	2	10	SOIL	TILL	B	BROWN	HILLSIDE/EAST		
9900	4650	3699	40	10	86	0.2	7	3	9	SOIL	TILL	B	BROWN	HILLSIDE/EAST		
9900	4675	3698	52	16	74	0.1	9	7	19	SOIL	TILL	B	BROWN	HILLSIDE/EAST		
9900	4700	3697	94	10	79	0.2	13	5	20	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.	
9900	4725	3696	96	24	98	0.4	28	5	36	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.	
9900	4750	3695	93	11	88	0.3	15	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST		

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125

WORTHING EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS	
9900	4775	3694	94	8	67	0.1	9	4	9	SOIL	TILL	B	BROWN	HILLSIDE/EAST	
9900	5500														
9875	5500														
9850	5500														
9825	5500														
9800	4100	4236	80	9	61	0.1	4	2	19	SOIL	TILL	B	GREY/BROWN	GENTLE	O/C WITHIN 20m
9800	4125	4235	64	12	88	0.1	7	2	61	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP TO WEST.
9800	4150	4234	124	13	82	0.5	8	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4175	4233	97	9	76	0.1	5	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4200	4232	83	13	72	0.1	7	2	15	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4225	4231	77	15	75	0.1	10	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4250	4700	62	9	70	0.2	15	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4275	4699	34	6	83	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4300	4698	55	5	70	0.1	9	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4325	4697	47	6	77	0.1	15	3	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4350	4696	74	10	95	0.1	17	5	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4375	4695	39	9	96	0.2	7	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4400	4694	58	4	80	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4425	4693	60	9	68	0.1	3	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4450	4692	34	6	113	0.1	6	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4475	4691	71	7	79	0.2	13	3	11	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4500	4690	78	10	82	0.1	8	7	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4525	4689	43	5	72	0.1	4	7	5	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4550	4688	99	9	110	0.1	15	9	67	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4575	4687	59	10	105	0.2	7	6	9	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4600	4686	126	6	177	0.1	29	2	13	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4625	4685	76	8	123	0.2	20	13	39	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4650	4684	120	17	63	1.8	696	37	1380	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4675	4683	35	9	58	0.1	7	3	14	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4700	4682	94	7	94	0.2	11	12	43	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9800	4725	4681	51	9	85	0.1	11	3	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4750	4680	29	10	88	0.2	6	6	16	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	4775	4679	21	3	78	0.2	2	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9800	5500														
9775	5500														
9750	5500														
9725	5500														
9700	4100	4264	28	2	37	0.1	5	2	1	SOIL	TILL	B	BROWN	GENTLE	O/C WITHIN 20m
9700	4125	4263	60	6	58	0.1	11	2	3	SOIL	TILL	B	BROWN	FLAT	POORLY DEVELOPED SOIL. VERY DARK BROWN.
9700	4150	4262	70	2	69	0.1	6	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4175	4261	63	2	78	0.1	7	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4200	4260	85	5	96	0.1	9	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4225	4259	50	2	80	0.2	7	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4250	4258	55	6	78	0.1	7	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4275	4257	74	3	99	0.1	11	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4300	4256	55	9	98	0.1	9	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4325	4255	45	2	54	0.1	5	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4350	4254	40	2	114	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4375	4253	32	4	50	0.1	6	2	11	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4400	4252	47	8	87	0.1	11	2	5	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4425	4251	54	9	61	0.2	4	4	4	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4450	4250	72	14	90	0.1	2	2	11	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4475	4249	81	59	138	0.2	45	4	48	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4500	4248	169	14	65	0.3	14	3	24	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4525	4247	53	21	72	0.1	21	2	20	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4550	4246	178	73	68	0.3	19	5	93	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4575	4245	47	9	83	0.2	2	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4600	4244	47	12	84	0.1	4	4	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4625	4243	50	9	78	0.1	6	2	4	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4650	4242	44	7	72	0.1	2	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4675	4241	85	13	87	0.1	7	2	9	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4700	4240	83	13	85	0.1	8	7	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	4725	4239	34	6	87	0.1	7	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4750	4238	58	7	81	0.1	4	3	10	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9700	4775	4237	55	13	81	0.1	7	3	8	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.
9700	5500														
9675	5500														
9650	5500														
9625	5500														
9600	4100	4678	57	6	48	0.2	4	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9600	4125	4677	33	7	46	0.1	2	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9600	4150	4676	47	7	57	0.1	3	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	
9600	4175	4675	30	4	39	0.1	2	2	2	SOIL	TILL	B	BROWN	GULLEY	BETTER SOIL.
9600	4200	4674	25	2	39	0.2	2	2	1	SOIL	TILL	B	BROWN	GULLEY	DARK BROWN ALMOST BLACK SOIL. POORLY DEVELOPED.
9600	4225	4673	51	6	36	0.1	6	2	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	

CREST GEOLOGICAL CONSULTANTS LIMITED

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 025	NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
9600	4250	4672	78	8	71	0.1	3	2	5	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP TO EAST.	
9600	4275	4671	81	11	74	0.1	6	2	9	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4300	4670	85	9	72	0.1	11	2	7	SOIL	TILL	B	BROWN	HILLSIDEWEST	10M NORTH OF OUTCROP. TALLUS.	
9600	4325	4669	85	10	85	0.1	6	2	7	SOIL	TILL	B	BROWN	HILLSIDEWEST	10M WEST OF STATION OUTCROP. TALLUS.	
9600	4350	4668	76	9	78	0.1	8	2	5	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP. TALLUS.	
9600	4375	4667	78	10	98	0.1	9	2	7	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4425	4666	64	10	86	0.1	6	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4450	4665	71	8	84	0.1	4	2	6	SOIL	TILL	B	BROWN	HILLSIDEWEST	TALLUS. OUTCROP.	
9600	4475	4664	146	14	96	0.3	23	14	54	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4500	4663	28	3	24	0.2	4	2	1	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4525	4662	65	8	71	0.2	7	8	3	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4550	4661	112	6	76	0.1	13	9	26	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4575	4660	42	9	80	0.1	10	2	23	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4600	4659	155	9	69	0.1	14	2	5	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4625	4658	96	4	73	0.1	3	2	2	SOIL	TILL	B	BROWN	HILLSIDEWEST	OUTCROP.	
9600	4650	4657	58	11	90	0.1	11	2	3	SOIL	TILL	B	BROWN	HILLTOP	OUTCROP.	
9600	4675	4656	31	4	128	0.1	5	2	1	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.	
9600	4700	4655	102	9	86	0.1	8	6	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.	
9600	4725	4654	60	6	57	0.1	7	6	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST	OUTCROP.	
9600	4750	4653	66	5	78	0.1	5	2	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST	NEAR TOP OF RIDGE.	
9600	4775	4652	43	4	77	0.1	8	2	2	SOIL	TILL	B	BROWN	HILLSIDE/EAST	NEAR TOP OF RIDGE.	
9600	5500															
9575	5500															
9550	5500															
9525	5500															
9500	4100	4740	31	7	46	0.1	8	2	2	SOIL	GRAVEL, SILT	C	BROWN	HILLSIDEWEST		
9500	4125	4739	33	5	64	0.1	5	2	6	SOIL	GRAVEL, SILT	C	BROWN	HILLSIDEWEST		
9500	4150	4738	40	4	77	0.1	5	2	1	SOIL	GRAVEL, SILT	B	BROWN	HILLSIDEWEST		
9500	4175	4737	48	7	52	0.1	7	2	12	SOIL	GRAVEL, ORGANIC	B	BROWN	HILLSIDEWEST		
9500	4200	4736	51	3	67	0.1	8	2	1	SOIL	GRAVEL, SILT	B	BROWN	HILLSIDEWEST		
9500	4225	4735	55	7	97	0.1	7	2	1	SOIL	GRAVEL, SILT	C	BROWN	HILLSIDEWEST		
9500	4250	4734	34	4	88	0.1	3	2	5	SOIL	GRAVEL, SILT, SAND	B	BROWN	HILLSIDEWEST		
9500	4275	4733	57	5	104	0.1	9	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9500	4300	4732	44	6	158	0.1	6	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9500	4325	4731	25	6	61	0.1	4	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9500	4350	4730	35	8	41	0.1	5	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	GULLEY	
9500	4375	4729	53	4	56	0.1	5	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	10M EAST AT BOG.	
9500	4400	4728	81	6	82	0.2	4	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	TALLUS.	
9500	4425	4727	105	4	65	0.1	9	2	5	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	TALLUS. OUTCROP.	
9500	4450	4726	66	10	82	0.1	10	2	2	SOIL	SILT, SAND	C	BROWN	HILLSIDEWEST	TALLUS.	
9500	4475	4725	74	9	73	0.1	11	2	3	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	CLIFF.	
9500	4500	4724	60	6	34	0.1	5	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9500	4525	4723	50	6	63	0.2	3	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9500	4550	4722	58	13	78	0.2	5	6	3	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9500	4575	4721	26	5	56	0.2	5	5	4	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9500	4600	4720	33	5	69	0.1	6	3	360	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9500	4625	4719	55	9	78	0.1	6	2	3	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9500	4650	4718	42	9	63	0.3	7	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9500	4675	4717	26	6	74	0.2	5	3	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP TO WEST.	
9500	4700	4716	31	6	87	0.1	8	4	13	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9500	4725	4715	35	6	68	0.1	4	3	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP TO NORTH.	
9500	4750	4714	66	7	73	0.1	5	8	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9500	4775	4713	78	8	57	0.1	4	6	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	FLAT		
9500	5500															
9475	5500															
9450	5500															
9425	5500															
9400	4100	4085	74	2	76	0.1	6	2	1	SOIL	TILL	B	GREY/BROWN	GENTLE		
9400	4125	4086	67	6	108	0.2	9	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP TO EAST.	
9400	4150	4087	27	6	85	0.1	3	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9400	4175	4088	42	4	81	0.1	2	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9400	4200	4089	64	3	69	0.1	5	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9400	4225	4090	75	7	64	0.1	7	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9400	4250	4091	58	2	61	0.1	5	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9400	4275	4092	42	5	98	0.1	4	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9400	4300	4093	48	11	80	0.1	6	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9400	4325	4094	51	4	105	0.1	5	2	2	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9400	4350	4095	22	3	40	0.1	4	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9400	4375	4096	53	8	83	0.2	4	2	7	SOIL	GRAVEL, SILT, SAND	B	BROWN	GULLEY	OVERGROWN ROAD.	
9400	4400	4097	27	5	40	0.1	3	2	1	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		
9400	4425	4098	103	11	96	0.2	8	2	3	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	ROCKY SAMPLE. TALLUS SLOPE. OUTCROP.	
9400	4450	4099	66	8	72	0.1	8	3	5	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP. TALLUS.	
9400	4475	4100	58	6	73	0.1	14	2	13	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST	OUTCROP.	
9400	4500	4701	30	76	164	0.4	136	8	120	SOIL	GRAVEL, SILT, SAND	C	BROWN	HILLSIDEWEST		

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125		NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
9400	4525	4702	18	37	82	0.2	118	7	25	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST			
9400	4550	4703	53	16	86	0.2	19	8	16	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	4575	4704	34	12	61	0.1	12	4	4	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	4600	4705	112	20	103	0.1	34	3	90	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	4625	4706	55	11	76	0.2	14	4	35	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP TO SOUTH.	
9400	4650	4707	71	7	88	0.1	8	9	2	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	4675	4708	47	6	158	0.1	10	2	3	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	4700	4709	62	8	103	0.2	14	2	27	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	4725	4710	37	6	80	0.3	5	3	2	SOIL	GRAVEL,SILT,SAND	B	BROWN	GULLEY		OLD ROAD.	
9400	4750	4711	86	6	71	0.2	6	2	6	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	4775	4712	75	5	78	0.2	8	9	3	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9400	5500																
9375	5500																
9350	5500																
9325	5500																
9300	4100	4084	70	7	70	0.1	7	2	3	SOIL	TILL	B	GREY/BROWN	GENTLE		O/C WITHIN 20m	
9300	4125	4083	45	5	58	0.1	4	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	FLAT			
9300	4150	4082	50	6	76	0.1	3	2	1	SOIL	GRAVEL,SILT,SAND	B	BROWN	FLAT			
9300	4175	4081	45	8	88	0.1	10	2	1	SOIL	GRAVEL,SILT,SAND	B	BROWN	HILLSIDE/WEST			
9300	4200	4080	46	4	59	0.1	2	2	1	SOIL	GRAVEL,SILT,SAND	B	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4225	4079	58	11	97	0.1	8	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST			
9300	4250	4078	71	5	79	0.2	6	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST			
9300	4275	4077	38	5	100	0.1	2	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST			
9300	4300	4076	114	4	100	0.3	8	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4325	4075	66	7	85	0.1	5	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLTOP			
9300	4350	4074	44	8	112	0.1	3	2	1	SOIL	SILT,SAND,ORGANIC	B	BROWN	HILLSIDE/EAST			
9300	4375	4073	54	7	100	0.1	6	2	2	SOIL	SILT,SAND,ORGANIC	B	BROWN	HILLSIDE/EAST			
9300	4400	4072	44	6	64	0.1	6	2	1	SOIL	SILT,SAND	B	BROWN	HILLSIDE/EAST			
9300	4425	4071	28	12	44	0.1	6	4	2	SOIL	SILT,SAND,ORGANIC	B	BROWN	GULLEY		ROAD OVERGROWN, ONLY DRIVEABLE ON ATV TO HERE.	
9300	4450	4070	46	9	120	0.2	7	5	6	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST			
9300	4475	4069	68	9	90	0.2	9	2	3	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4500	4068	79	10	76	0.1	9	2	2	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4525	4067	13	22	46	0.1	8	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4550	4066	18	28	75	0.1	11	2	2	SOIL	SILT,SAND	B	BROWN	HILLSIDE/WEST			
9300	4575	4065	29	25	107	0.1	30	3	4	SOIL	GRAVEL,SILT,SAND	B	BROWN	HILLSIDE/WEST			
9300	4600	4064	53	2	88	0.1	3	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		CLOSE TO BEDROCK.	
9300	4625	4063	63	5	73	0.1	7	10	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4650	4062	62	9	87	0.1	7	2	1	SOIL	SILT	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4675	4061	40	6	70	0.1	4	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9300	4700	4060	38	6	90	0.1	7	3	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLTOP		OUTCROP.	
9300	4725	4059	24	5	76	0.1	6	2	2	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST		OUTCROP.	
9300	4750	4058	134	8	88	0.2	16	12	66	SOIL	SILT	C	BROWN	HILLSIDE/EAST		OUTCROP.	
9300	4775	4057	58	9	123	0.1	12	2	25	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST			
9300	5500																
9275	5500																
9250	5500																
9225	5500																
9200	4100	4226	82	9	88	0.1	5	7	2	SOIL	TILL	B	BROWN	FLAT		20cm DEPTH OF SAMPLE	
9200	4125	4225	53	4	106	0.1	6	3	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		GOOD B HORIZON. OUTCROP NORTH OF LINE.	
9200	4150	4224	69	8	83	0.2	9	4	2	SOIL	TILL	B	BROWN	HILLSIDE/WEST		POOR B HORIZON. ROCKY SOIL.	
9200	4175	4223	47	4	90	0.1	7	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		ROCK SOIL, WEST EDGE OF OUTCROP.	
9200	4200	4222	51	7	86	0.1	2	2	3	SOIL	TILL	B	BROWN	HILLSIDE/EAST		GOOD B HORIZON. OUTCROP.	
9200	4225	4221	65	6	123	0.1	2	2	1	SOIL	TILL	B	BROWN	GULLEY NW-SE		GOOD B HORIZON. OUTCROP 15M NORTH OF LINE.VOLCANIC BRECCIA.	
9200	4250	4220	104	7	85	0.1	5	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST		ROCKY SOIL.	
9200	4275	4219	70	13	86	0.1	3	2	1	SOIL	TILL	B,C	BLACK/BROWN	HILLSIDE/WEST		ROCKY SOIL. POOR B HORIZON.	
9200	4300	4651	40	3	121	0.1	4	2	4	SOIL	TILL	B	BROWN	HILLSIDE/WEST		ROCKY SOIL. GOOD B HORIZON.	
9200	4325	4650	42	2	71	0.1	4	2	3	SOIL	GRAVEL	C	BROWN	HILLTOP			
9200	4350	4649	66	4	86	0.1	8	2	5	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST			
9200	4375	4648	82	6	97	0.1	8	2	3	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST			
9200	4400	4647	50	8	57	0.1	8	2	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST			
9200	4425	4646	85	4	63	0.1	11	2	5	SOIL	GRAVEL	C	BROWN	FLAT		SIDE OF CREEK WASH.	
9200	4450	4645	49	6	71	0.1	6	2	1	SOIL	GRAVEL	C	BROWN	FLAT			
9200	4475	4644	74	5	88	0.1	10	2	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST			
9200	4500	4643	74	12	102	0.2	11	2	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST		EDGE OF OUTCROP.	
9200	4525	4642	73	12	131	0.2	22	3	2	SOIL	TALUS	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9200	4550	4641	56	8	89	0.1	21	2	3	SOIL	TILL	C	BROWN	HILLSIDE/WEST		OUTCROP.	
9200	4575	4640	64	10	79	0.1	14	3	9	SOIL	TILL	C	BROWN	HILLSIDE/WEST		OUTCROP. ROCKY SOIL.	
9200	4600	4639	66	12	73	0.1	11	4	7	SOIL	GRAVEL	C	BROWN	FLAT		OUTCROP.	
9200	4625	4638	65	10	94	0.4	46	2	58	SOIL	TALUS	C	BROWN	HILLSIDE/EAST		SCREE SLOPE.	
9200	4650	4637	104	18	124	0.2	12	2	7	SOIL	TALUS	C	BROWN	FLAT		OUTCROP.	
9200	4675	114	4	61	0.1	10	7	24	SOIL	TILL	C	B					
9200	4700	123	9	87	0.1	21	7	24	SOIL	TILL	B	BROWN	HILLTOP		OUTCROP AROUND SAMPLE SITE. VOL.		
9200	4725	91	2	94	0.2	12	13	6	SOIL	TILL	B	BROWN	HILLSIDE/EAST		OUTCROP TO NORTH-SOUTH AND WEST		
9200	4750	123	4	91	0.3	23	7	17	SOIL	TILL	B	BROWN	HILLSIDE/EAST		NEAR TOP OF HILL, OUTCROP		
9200	4775																

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125										SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT					
NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
9200		5500													
9175		5500													
9150		5500													
9125		5500													
9100		4100	4615	35	4	65	0.1	6	2	1	SOIL	TILL	B	BROWN	FLAT
9100		4125	4616	43	3	57	0.1	7	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9100		4150	4617	51	4	68	0.2	11	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9100		4175	4618	70	4	93	0.1	18	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9100		4200	4619	81	2	89	0.1	16	2	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9100		4225	4620	36	8	85	0.1	9	4	1	SOIL	TALUS	C	BROWN	HILLSIDE/WEST
9100		4250	4621	48	3	62	0.1	10	4	1	SOIL	GRAVEL	C	BROWN,ORANGE	HILLTOP
9100		4275	4622	80	10	100	0.1	19	7	2	SOIL	GRAVEL	C	BROWN	FLAT
9100		4300	4623	54	8	86	0.2	12	2	3	SOIL	GRAVEL	C	BROWN,ORANGE	HILLSIDE/EAST
9100		4325	4624	81	12	96	0.1	15	3	3	SOIL	TALUS	C	BROWN	HILLSIDE/EAST
9100		4350	4625	48	9	91	0.1	15	2	1	SOIL	GRAVEL	C	BROWN,ORANGE	HUMMOCK
9100		4375	4626	87	6	76	0.1	37	2	4	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9100		4400	4627	48	12	109	0.1	23	3	1	SOIL	SAND	C	BROWN	HILLSIDE/WEST
9100		4425	4628	53	12	89	0.1	12	2	3	SOIL	BEDROCK	C	BROWN	HILLTOP
9100		4450	4629	27	9	50	0.1	4	3	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST
9100		4475	4630	31	3	49	0.1	3	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9100		4500	4631	68	6	72	0.1	11	3	6	SOIL	SILT	B	BROWN	FLAT,GULLEY
9100		4525	4632	66	8	66	0.1	7	2	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9100		4550	4633	104	12	67	0.2	11	3	4	SOIL	TALUS	C	BROWN	HILLSIDE/WEST
9100		4575	4634	77	7	64	0.1	9	2	4	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9100		4600	4635	89	7	77	0.2	9	2	2	SOIL	TALUS	C	BROWN	HILLSIDE/WEST
9100		4625	4636	110	11	102	0.1	9	2	3	SOIL	TALUS	C	BROWN	HILLSIDE/WEST
9100		4650		43	6	77	0.1	8	4	1	SOIL	TALUS	B	BROWN	HILLSIDE/WEST
9100		4675		43	4	81	0.1	8	2	1	SOIL	TILL	B	BROWN	HILLSIDE/WEST
9100		4700		46	7	77	0.1	4	2	12	SOIL	TILL	B	BROWN	HILLTOP
9100		4725		58	2	105	0.1	7	3	3	SOIL	TILL	B	BROWN	HILLTOP(SMALL RAVINE)
9100		4750		61	4	77	0.1	6	2	1	SOIL	TILL	B	BROWN	HILLTOP
9100		4775		115	7	65	0.2	14	5	49	SOIL	TILL	SUBSOIL	BROWN	HILLTOP
9100		5500													SAMPLE IS MOSTLY ROCK FRAGMENTS
9075		5500													
9050		5500													
9025		5500													
9000		4100	4614	45	5	80	0.1	6	2	3	SOIL	TILL	B	BROWN	FLAT
9000		4125	4613	31	5	100	0.1	7	2	1	SOIL	GRAVEL	C	BROWN	HUMMOCK
9000		4150	4612	38	6	55	0.1	7	2	2	SOIL	GRAVEL	C	BROWN	FLAT
9000		4175	4611	54	6	78	0.1	12	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9000		4200	4610	49	4	80	0.1	9	2	1	SOIL	GRAVEL	C	BROWN	HUMMOCK
9000		4225	4609	48	3	97	0.1	7	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9000		4250	4608	61	3	74	0.1	17	7	3	SOIL	GRAVEL	C	BROWN	HUMMOCK
9000		4275	4607	95	4	76	0.1	28	2	3	SOIL	GRAVEL	C	RED	TOP OF HUMMOCK
9000		4300	4606	40	4	85	0.1	11	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9000		4325	4605	44	6	88	0.1	34	17	2	SOIL	GRAVEL	C	BROWN	FLAT
9000		4350	4604	37	3	67	0.2	11	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9000		4375	4603	39	7	82	0.1	11	2	1	SOIL	GRAVEL	C	BROWN	FLAT
9000		4400	4602	68	2	69	0.1	14	3	3	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9000		4425	4601	81	4	71	0.1	17	2	4	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9000		4450	4200	49	9	88	0.1	2	2	1	SOIL	GRAVEL	C	BROWN	HILLTOP
9000		4475	4199	52	7	63	0.2	3	2	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST
9000		4500	4198	29	8	60	0.1	2	2	2	SOIL	GRAVEL	C	BROWN	FLAT
9000		4525	4197	64	9	68	0.1	2	3	2	SOIL	GRAVEL	C	BROWN	FLAT
9000		4550	4196	43	5	72	0.1	6	2	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9000		4575	4195	97	11	71	0.1	11	2	3	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9000		4600	4194	214	16	121	0.2	15	2	4	SOIL	TALUS	C	BROWN	HILLSIDE/WEST
9000		4625	4193	64	10	57	0.1	5	2	1	SOIL	TALUS	C	BROWN	HILLSIDE/WEST
9000		4650	4192	48	10	86	0.1	7	5	2	SOIL	GRAVEL	C	BROWN	HILLTOP
9000		4675	4191	61	12	99	0.1	7	2	17	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST
9000		4700	4190	115	12	68	0.2	6	2	1	SOIL	GRAVEL	C	BROWN	HILLTOP
9000		4725	4189	112	13	63	0.1	6	2	5	SOIL	TALUS	C	BROWN	HILLSIDE/EAST
9000		4750	4188	100	10	81	0.2	13	11	8	SOIL	TALUS	C	BROWN	HILLSIDE/EAST
9000		4775	4187	82	4	66	0.1	11	9	5	SOIL	GRAVEL	C	RED	HILLSIDE/EAST
9000		4800	4186	65	8	84	0.1	7	2	2	SOIL	GRAVEL	C	BROWN,ORANGE	HILLSIDE/EAST
9000		4825	4185	87	8	65	0.1	8	2	3	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST
9000		4850	4184	57	5	46	0.1	3	2	2	SOIL	GRAVEL	C	BROWN,ORANGE	FLAT
9000		4875	4183	64	6	76	0.1	3	2	3	SOIL	GRAVEL	C	BROWN	FLAT
9000		4900	4182	65	7	69	0.1	5	3	23	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST
9000		4925	4181	57	10	90	0.1	10	3	12	SOIL	TILL,GRAVEL	C	BROWN	HILLTOP
9000		4950	4180	64	10	106	0.2	55	7	200	SOIL	GRAVEL	C	BROWN	HILLTOP
9000		4975	4179	104	6	121	0.3	20	16	48	SOIL	GRAVEL	C	BROWN	HILLTOP
9000		5000	4178	104	3	102	0.1	10	7	8	SOIL	GRAVEL	C	ORANGE	HILLSIDE/EAST
9000		5025	4177	46	4	54	0.1	3	3	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST
9000		5050	4176	64	8	92	0.1	7	3	6	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST

SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125		SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT										REMARKS			
NORTHING	EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
9000	5075	4175	68	11	100	0.1	7	3	3	SOIL	GRAVEL	C	BROWN	HILLTOP	
9000	5100	4174	68	7	90	0.1	8	6	6	SOIL	GRAVEL	C	BROWN	HILLTOP	OUTCROP.
9000	5125	4173	96	6	94	0.1	12	2	120	SOIL	GRAVEL	C	ORANGE,RED	HILLSIDE/EAST	
9000	5150	4172	57	5	96	0.1	2	2	38	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST	START OF OUTCROP.
9000	5175	4171	32	10	84	0.1	4	2	28	SOIL	TALUS	C	BROWN	HILLSIDE/EAST	
9000	5200	4170	52	4	56	0.2	5	2	37	SOIL	GRAVEL,TALUS	C	GREY	HILLSIDE/EAST	
9000	5225	4169	45	2	61	0.2	5	2	3	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST	
9000	5250	4168	58	8	103	0.2	11	5	56	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST	
9000	5275	4167	43	5	109	0.1	5	2	4	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST	
9000	5300	4166	78	6	87	0.1	7	2	17	SOIL	GRAVEL	C	BROWN	FLAT	
9000	5325	4165	111	6	81	0.1	6	2	40	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
9000	5350	4164	63	4	62	0.1	2	2	6	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
9000	5375	4163	39	4	37	0.2	2	2	4	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
9000	5400	4162	34	4	27	0.1	2	2	2	SOIL	GRAVEL	C	BROWN	FLAT	
9000	5425	4161	68	2	31	0.1	2	2	1	SOIL	SILT	C	WHITE	FLAT	
9000	5450	4160	56	4	47	0.1	6	2	10	SOIL	SILT	C	GREY	FLAT	
9000	5475	4159	47	5	47	0.1	4	2	1	SOIL	GRAVEL	C	BROWN	FLAT	
9000	5500	4158	65	6	59	0.1	2	2	3	SOIL	GRAVEL	C	BROWN	FLAT	
8975	5500														
8950	5500														
8925	5500														
8900	4100	4157	69	4	58	0.1	2	2	1	SOIL	GRAVEL	C	BROWN	FLAT	
8900	4125	4156	50	5	49	0.1	2	2	2	SOIL	SILT	B	BROWN	FLAT	
8900	4150	4155	57	4	61	0.1	3	2	2	SOIL	SILT	C	BROWN	FLAT	
8900	4175	4154	59	6	77	0.1	2	2	1	SOIL	GRAVEL	C	BROWN	FLAT	
8900	4200	4153	57	7	65	0.1	4	3	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	4225	4152	63	2	75	0.2	6	3	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	4250	4151	70	3	131	0.1	13	2	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	4275	4150	55	3	88	0.1	3	2	1	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	4300	4149	66	6	61	0.2	3	3	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST	
8900	4325	4148	75	6	65	0.1	10	2	4	SOIL	GRAVEL	C	BROWN	FLAT	
8900	4350	4147	51	3	61	0.1	2	3	2	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	4375	4146	53	6	70	0.1	2	2	3	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	4400	4145	53	7	73	0.1	6	2	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST	
8900	4425	4144	42	2	58	0.1	6	4	2	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST	
8900	4450	4143	50	9	65	0.1	5	2	7	SOIL	GRAVEL	C	BROWN	FLAT	
8900	4475	4142	72	7	69	0.1	9	3	6	SOIL	GRAVEL	C	BROWN	FLAT	
8900	4500	4141	104	10	100	0.3	23	3	120	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	4525	4140	98	8	64	0.2	2	3	7	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	4550	4139	86	8	60	0.2	12	3	23	SOIL	GRAVEL	C	ORANGE	HILLSIDE/WEST	
8900	4575	4138	134	8	59	0.2	14	9	64	SOIL	GRAVEL	C	BROWN	FLAT,GULLEY	
8900	4600	4137	99	8	101	0.1	5	3	2	SOIL	GRAVEL	C	ORANGE	HILLSIDE/EAST	BOTTOM OF SCREE SLOPE.
8900	4625	4136	128	6	32	0.5	7	2	9	SOIL	TALUS	C	BROWN	HILLSIDE/EAST	SCREE SLOPE OF OUTCROP.
8900	4650	4135	94	7	94	0.1	7	2	2	SOIL	BEDROCK	C	BROWN	HILLSIDE/EAST	MASSIVE OUTCROPPING.
8900	4675	4134	57	8	71	0.2	4	2	2	SOIL	BEDROCK	C	BROWN	HILLSIDE/EAST	MASSIVE OUTCROPPING.
8900	4700	4133	62	8	64	0.1	5	4	1	SOIL	BEDROCK	C	BROWN	HILLTOP	MASSIVE OUTCROPPING.
8900	4725	4132	53	7	54	0.1	6	5	1	SOIL	GRAVEL	C	BROWN	HILLTOP	MASSIVE OUTCROPPING.
8900	4750	4131	51	6	69	0.1	3	4	2	SOIL	BEDROCK	C	BROWN	HILLTOP	MASSIVE OUTCROPPING.
8900	4775	4130	62	6	83	0.1	2	4	4	SOIL	BEDROCK	C	BROWN	HILLTOP	MASSIVE OUTCROPPING.
8900	4800	4129	56	7	63	0.1	2	4	2	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	4825	4128	92	4	71	0.1	8	6	19	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	4850	4127	47	5	64	0.1	4	5	1	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	4875	4126	51	4	50	0.1	5	5	3	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	4900	4125	58	8	69	0.1	5	6	2	SOIL	GRAVEL	C	BROWN	FLAT	LARGE OUTCROPPING.
8900	4925	4124	48	6	74	0.1	2	6	2	SOIL	GRAVEL	C	BROWN	FLAT	
8900	4950	4123	42	7	45	0.1	4	3	1	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	4975	4122	45	5	30	0.1	2	2	1	SOIL	SILT	B	BROWN	HILLSIDE/WEST	
8900	5000	4121	140	8	63	0.2	5	12	13	SOIL	SILT	B	BROWN	FLAT	
8900	5025	4120	94	11	75	0.1	10	30	41	SOIL	BEDROCK	C	BROWN	HILLTOP	ROCKY SOIL. OUTCROP.
8900	5050	4119	62	8	74	0.1	2	2	7	SOIL	TALUS	C	RED	HILLTOP	
8900	5075	4118	38	7	55	0.3	5	2	16	SOIL	TALUS	C	GREY	HILLSIDE/EAST	
8900	5100	4117	77	2	85	0.1	11	4	28	SOIL	GRAVEL	C	BROWN	FLAT	
8900	5125	4116	87	6	65	0.1	5	4	12	SOIL	GRAVEL	C	BROWN	HILLTOP	
8900	5150	4115	79	9	84	0.1	12	2	22	SOIL	GRAVEL	C	ORANGE	HILLSIDE/WEST	
8900	5175	4114	108	5	98	0.1	13	4	89	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5200	4113	66	8	110	0.1	9	2	10	SOIL	TALUS	C	BROWN	HILLSIDE/WEST	
8900	5225	4112	37	7	83	0.1	4	2	27	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5250	4111	71	2	74	0.1	18	2	15	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5275	4110	56	7	67	0.1	10	5	49	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5300	4109	63	14	75	0.1	11	2	58	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5325	4108	86	7	82	0.1	15	3	80	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5350	4107	90	7	75	0.1	10	2	84	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5375	4106	78	5	77	0.1	10	2	24	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5400	4105	48	8	83	0.2	4	2	6	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	
8900	5425	4104	60	6	58	0.1	6	2	10	SOIL	GRAVEL	C	BROWN	HILLSIDE/WEST	



SOIL GEOCHEMICAL RESULTS AND SAMPLE DESCRIPTIONS SAVONA PROJECT

PROJECT 125

NORTHING EASTING	SAMP NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sb ppm	Au ppb	TYPE	MATERIAL	HORIZON	COLOUR	TOPOGRAPHY/DIRECTION	REMARKS
8900	5450	4103	79	7	62	0.1	5	2	8	SOIL	GRAVEL	C	BROWN	FLAT
8900	5475	4102	79	9	63	0.1	9	2	7	SOIL	GRAVEL	C	BROWN	FLAT
8900	5500	4101	49	4	81	0.1	5	2	5	SOIL	GRAVEL	C	BROWN	FLAT
8875	5500													
8850	5500													
8825	5500													
8800	4100	4056	49	7	57	0.1	5	2	1	SOIL	GRAVEL	C	BROWN	FLAT
8800	4125	4055	48	8	75	0.1	5	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	4150	4054	82	8	110	0.2	6	2	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	4175	4053	48	5	80	0.1	7	2	1	SOIL	SILT,SAND	B	BROWN	HILLSIDE/EAST
8800	4200	4062	32	12	78	0.1	6	2	1	SOIL	SILT,SAND	B	BROWN	HILLSIDE/EAST
8800	4225	4051	40	3	73	0.1	2	2	1	SOIL	SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	4250	4050	27	6	55	0.1	2	2	1	SOIL	SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	4275	4049	31	4	52	0.1	2	3	1	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	4300	4048	40	2	58	0.1	2	2	1	SOIL	GRAVEL,SILT	C	BROWN	HILLSIDE/EAST
8800	4325	4047	65	5	78	0.1	2	3	2	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	4350	4046	56	2	68	0.2	3	2	1	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	4375	4045	26	2	48	0.2	2	3	1	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	4400	4044	58	3	112	0.1	8	2	2	SOIL	SILT	C	BROWN	FLAT
8800	4425	4043	49	5	81	0.1	8	2	1	SOIL	SILT	C	BROWN	HILLSIDE/WEST
8800	4450	4042	64	8	80	0.2	4	2	1	SOIL	SILT	C	BROWN	HILLSIDE/WEST
8800	4475	4041	32	7	62	0.1	2	2	5	SOIL	SILT	C	BROWN	OUTCROP.
8800	4500	4040	80	4	61	0.1	9	4	1	SOIL	SILT	C	BROWN	HILLSIDE/WEST
8800	4525													
8800	4550													
8800	4575	4039	14	2	21	0.1	2	2	1	SOIL	SILT	C	BROWN	FLAT
8800	4600	4038	28	4	30	0.1	2	2	1	SOIL	SILT,SAND,ORGANIC	SUBSOIL	GREY	FLAT
8800	4625	4037	35	8	56	0.1	4	2	1	SOIL	SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4650	4036	52	8	89	0.1	2	3	1	SOIL	SILT	C	BROWN	HILLSIDE/WEST
8800	4675	4035	50	2	99	0.1	2	4	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4700	4034	103	6	78	0.2	6	2	8	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4725	4033	80	9	108	0.1	9	3	15	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4750	4032	85	6	73	0.2	4	4	2	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4775	4031	50	5	76	0.1	6	3	1	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4800	4030	65	2	82	0.1	3	5	2	SOIL	SILT	C	BROWN	HILLSIDE/WEST
8800	4825	4029	69	7	87	0.1	7	3	4	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4850	4028	110	4	106	0.2	6	17	11	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4875	4027	45	5	74	0.2	4	6	2	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/WEST
8800	4900	4026	38	9	98	0.1	13	7	19	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLTOP
8800	4925	4025	95	9	91	0.2	6	4	19	SOIL	SILT,SAND	C	BROWN	HILLTOP
8800	4950	4024	33	6	77	0.2	3	6	1	SOIL	SILT,SAND	C	RED	HILLSIDE/EAST
8800	4975	4023	48	6	49	0.1	2	3	6	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	5000	4022	61	5	86	0.1	6	6	6	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	5025	4021	61	7	99	0.1	9	4	1	SOIL	SILT	B	BROWN	HILLSIDE/EAST
8800	5050	4020	85	10	103	0.1	5	6	7	SOIL	TILL	B	BROWN	HILLSIDE/EAST
8800	5075	4019	58	6	88	0.1	5	7	6	SOIL	GRAVEL,SILT	C	BROWN	HILLSIDE/EAST
8800	5100	4018	50	5	95	0.1	6	6	8	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5125	4017	66	6	84	0.2	9	7	15	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5150	4016	53	7	78	0.1	3	6	8	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5175	4015	68	8	106	0.2	5	6	20	SOIL	SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5200	4014	70	6	87	0.1	6	5	23	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5225	4013	98	10	106	0.1	14	7	40	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5250	4012	41	7	90	0.1	7	5	6	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5275	4011	57	9	91	0.2	5	5	24	SOIL	TILL	B	BROWN	HILLSIDE/EAST
8800	5300	4010	44	9	111	0.1	4	5	17	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5325	4009	50	11	105	0.1	6	5	20	SOIL	GRAVEL,SILT,SAND	C	BROWN	HILLSIDE/EAST
8800	5350	4008	43	8	74	0.1	5	3	9	SOIL	GRAVEL,SILT	C	BROWN	HILLSIDE/EAST
8800	5375	4007	39	7	97	0.1	5	3	20	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST
8800	5400	4006	37	5	84	0.1	2	2	15	SOIL	GRAVEL	C	BROWN	HILLSIDE/EAST
8800	5425	4005	42	8	63	0.1	2	2	26	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	5450	4004	59	4	69	0.1	2	2	2	SOIL	SILT	C	BROWN	HILLSIDE/EAST
8800	5475	4003	84	6	69	0.1	2	2	6	SOIL	SILT	C	BROWN	FLAT
8800	5500	4002	53	5	77	0.1	3	2	3	SOIL	GRAVEL,SILT	C	BROWN	FLAT



GEOCHEMICAL ANALYSIS CERTIFICATE

Crest Geological Consulting PROJECT 125 File # 94-4234 Page 1

2197 Park Crescent, Coquitlam BC V3J 6T1 Submitted by: C. Payne

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
3595	2	108	6	81	.4	81	20	618	5.39	17	<5	<2	<2	50	<.2	5	<2	87	3.71	.094	7	112	1.06	414	.01	12	2.23	.01	.43	2	54
3596	1	83	3	84	.3	17	13	908	3.98	14	<5	<2	<2	44	<.2	5	<2	78	.84	.037	9	20	.29	438	.07	7	1.70	.02	.36	1	10
3597	<1	74	5	87	.3	14	10	428	3.96	16	<5	<2	<2	55	<.2	5	<2	65	.80	.075	7	18	.30	499	.08	13	2.02	.02	.65	1	21
3598	<1	130	6	86	.4	20	15	1263	4.81	12	<5	<2	2	47	.2	4	<2	100	1.19	.047	11	22	.75	524	.10	11	2.67	.02	.55	1	5
3599	1	108	11	120	.4	33	19	2521	3.79	46	<5	<2	<2	46	<.2	<2	<2	90	.89	.283	8	31	.92	312	.12	6	3.52	.02	.18	1	4
3600	1	64	7	86	.2	21	12	554	4.02	118	<5	<2	2	39	<.2	3	<2	91	.79	.033	13	24	.54	392	.09	<2	2.55	.02	.21	<1	47
3672	1	35	4	86	.2	14	9	853	3.34	41	<5	<2	2	28	.2	3	<2	60	.54	.024	10	19	.24	366	.09	2	1.91	.02	.29	2	8
3673	1	56	8	99	.2	26	14	636	3.51	27	<5	<2	<2	42	.2	4	<2	86	.95	.086	9	23	.96	463	.09	3	3.08	.02	.20	2	6
3674	<1	40	6	68	.2	28	11	533	3.68	3	<5	<2	<2	39	<.2	3	<2	91	.70	.046	5	46	.58	260	.13	9	1.83	.02	.42	2	3
3675	1	113	5	65	.3	25	16	597	4.36	13	<5	<2	2	53	<.2	4	<2	103	1.67	.049	9	31	1.20	301	.10	8	3.45	.02	.29	2	5
RE 3675	1	111	5	63	.3	23	15	579	4.22	14	<5	<2	<2	51	<.2	5	<2	100	1.60	.048	8	28	1.11	290	.10	7	3.31	.02	.28	<1	5
3676	1	74	8	66	.3	27	15	747	4.55	24	<5	<2	2	39	<.2	2	<2	108	.75	.045	12	31	.91	344	.13	2	2.63	.02	.35	2	15
3677	<1	50	7	66	.2	22	13	570	3.65	8	<5	<2	2	44	<.2	4	<2	92	.75	.043	10	27	.69	311	.14	3	2.57	.02	.21	2	2
3678	1	53	6	90	.2	26	14	953	4.07	18	<5	<2	2	44	<.2	3	<2	91	.87	.046	11	34	.69	327	.14	3	2.77	.02	.32	2	3
3679	1	61	6	68	.1	32	17	747	4.51	14	<5	<2	2	40	<.2	2	<2	107	.64	.043	14	40	.95	283	.15	<2	3.21	.02	.23	1	3
3680	1	37	10	89	.3	24	11	1468	3.26	7	<5	<2	2	39	<.2	4	<2	75	.68	.042	7	31	.53	374	.13	3	2.32	.02	.15	<1	1
3681	<1	63	11	109	.2	18	11	1068	3.51	3	<5	<2	<2	55	<.2	10	<2	65	.93	.067	9	19	.33	777	.08	7	2.37	.02	.26	1	2
3682	<1	47	12	89	.2	25	15	938	3.45	13	<5	<2	2	37	<.2	3	<2	76	.52	.081	8	29	.63	433	.09	3	3.13	.02	.17	1	1
3683	<1	62	7	102	.3	23	15	1209	3.44	7	<5	<2	<2	140	<.2	2	<2	78	1.08	.112	7	24	.66	452	.13	11	3.07	.02	.26	1	1
3684	1	42	7	141	.2	30	13	1127	3.81	11	<5	<2	2	44	<.2	3	<2	84	.46	.105	10	34	.57	451	.12	5	3.54	.02	.21	2	1
3685	<1	71	7	80	.2	33	15	750	4.25	9	<5	<2	<2	89	<.2	3	<2	101	.99	.039	16	42	.66	268	.15	5	2.77	.02	.28	1	4
3686	<1	23	2	16	.1	10	5	289	.74	6	<5	<2	<2	2813	.3	3	<2	12	20.28	.048	<2	6	3.28	347	.02	29	.55	.05	.11	<1	<1
3687	<1	86	6	51	.2	23	13	528	4.79	6	<5	<2	2	62	<.2	<2	<2	111	.71	.029	16	33	.80	339	.13	6	2.86	.02	.47	2	4
3688	1	63	11	87	.2	26	14	1106	4.31	7	<5	<2	<2	48	<.2	<2	<2	117	.81	.045	16	38	.60	414	.16	4	2.74	.02	.26	2	3
3689	1	75	9	87	.2	22	14	1070	4.06	8	<5	<2	2	92	<.2	<2	<2	96	1.08	.066	13	29	.64	327	.12	3	2.69	.02	.33	2	2
3690	1	53	8	69	.3	22	14	1053	4.09	7	<5	<2	<2	38	<.2	2	<2	115	.69	.027	12	33	.56	274	.16	2	2.49	.02	.17	2	1
3691	<1	56	4	78	.4	18	16	855	4.61	5	<5	<2	2	29	.2	4	<2	131	.54	.058	14	19	1.20	323	.05	3	2.66	.02	.18	1	<1
3692	<1	48	4	61	.2	19	13	572	4.18	4	<5	<2	<2	48	<.2	<2	<2	108	.63	.021	11	30	.63	316	.12	4	2.22	.02	.25	2	1
3693	<1	41	4	58	.2	15	11	522	3.52	5	<5	<2	<2	51	<.2	<2	<2	105	.86	.031	6	25	.52	205	.16	5	1.76	.02	.24	2	1
3694	1	94	8	67	.1	27	15	617	4.53	9	<5	<2	2	46	.2	4	<2	108	.82	.070	14	32	.63	426	.10	5	2.60	.02	.38	3	9
3695	1	93	11	88	.3	21	19	1279	4.62	15	<5	<2	2	32	.2	2	<2	106	.51	.064	11	30	.52	388	.07	3	2.01	.01	.35	1	2
3696	1	96	24	98	.4	22	18	720	5.52	28	<5	<2	<2	38	.2	5	<2	120	.67	.061	11	32	.29	514	.05	3	1.74	.01	.29	1	36
3697	1	94	10	79	.2	39	16	488	5.34	13	<5	<2	3	44	<.2	5	<2	116	.87	.054	13	47	.68	316	.14	7	2.81	.02	.47	1	20
3698	1	52	16	74	.1	18	10	302	4.00	9	<5	<2	2	27	<.2	7	<2	102	.42	.038	7	28	.32	275	.12	4	1.77	.02	.21	2	19
3699	1	40	10	86	.2	15	11	604	3.84	7	<5	<2	<2	57	.2	3	<2	84	.88	.042	9	22	.34	586	.07	7	1.96	.02	.24	1	9
STANDARD C/AU-S	20	61	37	126	6.9	73	31	1040	3.96	41	17	6	37	54	16.8	14	18	62	.49	.094	40	59	.92	183	.08	34	1.88	.07	.16	14	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

- SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 23 1994

DATE REPORT MAILED: *Nov 29/94*

SIGNED BY: *D. Toye* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



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
3700	1	44	11	117	.1	15	13	986	4.28	16	<5	<2	<2	38	.2	<2	<2	87	.71	.051	11	29	.54	398	.08	9	2.36	.02	.28	<1	10
3701	<1	53	9	109	.2	19	10	1400	3.03	14	<5	<2	<2	53	.5	4	<2	55	1.00	.055	10	32	.57	441	.11	10	2.63	.03	.24	<1	1
3702	<1	68	<2	96	.3	33	14	793	4.49	10	<5	<2	<2	69	.3	<2	<2	102	.92	.044	16	50	.90	307	.16	7	2.80	.02	.37	<1	3
3703	<1	56	6	87	<.1	32	14	800	4.46	8	<5	<2	<2	96	.2	<2	<2	107	.80	.041	13	50	.88	264	.16	16	2.33	.03	.52	<1	2
3704	<1	44	5	80	.1	27	14	714	4.17	12	<5	<2	<2	89	.3	3	<2	86	.91	.033	16	44	.83	306	.14	13	2.68	.03	.38	2	1
3705	<1	74	6	89	.3	30	14	690	4.48	11	<5	<2	<2	60	.8	<2	<2	98	.78	.040	14	48	.79	252	.19	6	2.99	.03	.40	<1	2
3706	1	76	3	89	.2	26	16	1029	4.34	12	<5	<2	<2	53	<.2	2	<2	111	.86	.041	15	43	.77	259	.21	8	3.82	.02	.19	<1	2
3707	1	84	9	98	.2	29	17	1256	4.12	12	<5	<2	<2	55	.5	<2	<2	101	1.05	.052	11	36	1.07	294	.19	8	4.30	.03	.22	3	2
3708	<1	61	2	113	.2	23	12	1041	4.62	11	<5	<2	<2	49	<.2	<2	<2	106	.84	.036	16	40	.70	334	.17	6	2.72	.03	.37	<1	3
3709	<1	65	3	85	.2	23	16	1084	4.60	8	<5	<2	<2	41	.2	4	<2	119	.72	.025	16	45	.71	289	.19	7	3.49	.02	.30	1	3
3710	<1	63	4	88	.2	22	15	1053	3.99	11	<5	<2	<2	51	.2	<2	<2	101	.93	.031	13	39	.72	227	.19	6	3.90	.03	.21	<1	2
3711	<1	101	8	78	.1	34	16	776	4.67	15	<5	<2	<2	51	.4	<2	<2	121	.94	.034	15	45	1.11	286	.18	6	3.22	.02	.28	1	6
RE 3711	<1	100	4	81	.1	34	15	777	4.72	12	<5	<2	<2	50	<.2	<2	<2	123	.92	.036	15	45	1.10	287	.18	9	3.15	.03	.28	<1	7
3712	<1	88	7	121	.2	28	16	1498	4.34	18	<5	<2	<2	78	.3	<2	<2	103	1.04	.075	13	35	1.01	637	.14	14	2.87	.03	.42	<1	3
3713	<1	76	5	79	.2	36	13	684	4.38	7	<5	<2	<2	70	<.2	<2	<2	110	.78	.056	16	50	.91	244	.18	13	3.23	.03	.34	<1	4
3714	<1	71	3	83	<.1	24	13	752	4.37	7	<5	<2	<2	61	<.2	<2	<2	109	.84	.048	12	39	.81	246	.18	11	2.86	.03	.36	<1	2
3715	<1	48	9	89	.1	16	11	802	3.91	9	<5	<2	<2	48	.3	5	<2	95	.73	.033	12	35	.62	236	.17	7	2.56	.03	.36	<1	1
3716	<1	67	2	71	<.1	21	13	875	4.30	7	<5	<2	<2	55	<.2	<2	<2	105	.72	.034	12	35	.77	296	.17	8	2.78	.02	.35	<1	2
3717	<1	83	5	81	.1	18	13	555	4.75	10	<5	<2	<2	55	.2	<2	<2	115	.81	.034	11	33	.85	307	.15	9	3.10	.03	.39	<1	3
3718	1	96	6	234	<.1	12	9	3281	1.89	8	<5	<2	<2	208	.7	<2	<2	38	2.55	.161	6	16	.48	784	.06	14	1.49	.03	.26	<1	1
3719	<1	31	4	67	.1	15	8	545	3.51	8	<5	<2	<2	73	.5	4	<2	96	.64	.026	5	27	.56	170	.15	10	1.91	.03	.27	<1	1
3720	<1	55	7	67	.1	21	13	630	4.25	10	<5	<2	<2	97	<.2	<2	<2	108	.74	.024	14	39	.85	256	.16	6	2.51	.03	.22	<1	3
3721	<1	61	6	85	.3	32	13	646	4.08	16	<5	<2	<2	75	.3	5	<2	94	.79	.053	17	45	.75	291	.17	14	2.63	.04	.36	<1	2
3722	<1	66	8	89	.3	25	13	750	3.84	10	<5	<2	<2	71	<.2	3	<2	101	.85	.097	10	34	.73	281	.16	6	3.82	.03	.17	<1	1
3723	<1	36	8	123	.1	22	14	1447	3.60	4	<5	<2	<2	70	<.2	4	<2	84	.66	.060	11	33	.59	388	.15	8	2.98	.03	.22	<1	1
3724	<1	71	2	62	<.1	18	11	601	3.42	13	<5	<2	<2	125	<.2	<2	<2	66	1.24	.043	16	24	1.13	329	.08	9	2.37	.03	.20	<1	13
3725	<1	92	8	81	.1	20	12	787	3.31	9	<5	<2	<2	80	.4	<2	3	88	1.14	.061	9	24	.92	305	.15	14	3.56	.03	.26	<1	1
3726	<1	97	12	76	<.1	29	15	1504	3.76	9	<5	<2	<2	64	.3	<2	<2	88	.92	.071	19	35	.93	413	.14	7	3.99	.03	.20	<1	3
3727	<1	115	2	65	.2	22	12	376	3.58	7	<5	<2	<2	54	<.2	<2	<2	87	.81	.045	9	35	.91	271	.17	4	4.34	.04	.11	<1	2
3728	<1	95	9	68	.1	25	16	988	3.86	7	<5	<2	<2	55	<.2	3	<2	97	.68	.035	12	35	.78	232	.15	5	3.43	.02	.25	<1	2
3729	<1	59	3	57	<.1	28	12	826	3.66	11	<5	<2	<2	51	.3	<2	<2	86	.57	.032	16	39	.66	429	.16	4	2.97	.04	.21	<1	3
3730	<1	58	5	70	.5	27	12	705	4.26	26	<5	<2	<2	50	<.2	<2	<2	100	.60	.033	17	39	.70	327	.15	4	3.38	.03	.17	<1	49
3731	<1	46	5	73	.1	18	8	692	2.45	12	<5	<2	<2	379	.4	6	<2	61	3.91	.126	9	22	2.27	190	.08	24	2.41	.04	.13	1	1
3732	<1	70	9	65	.1	23	14	966	3.83	10	<5	<2	<2	95	.4	5	3	88	.73	.040	15	40	.71	243	.17	7	3.18	.02	.28	<1	3
3733	<1	41	5	10	.2	9	6	370	.60	5	9	<2	<2	2252	.3	<2	<2	11	25.93	.081	2	5	3.87	190	.02	47	.51	.04	.07	1	1
STANDARD C/AU-S	19	60	38	130	6.9	73	33	1042	3.96	42	19	7	36	52	18.0	15	24	61	.50	.095	40	61	.95	183	.08	32	1.88	.08	.16	13	48

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
3734	<1	34	5	43	.3	15	9	384	3.63	2	<5	<2	<2	125	<.2	2	<2	91	.78	.033	3	27	.50	147	.15	19	1.87	.02	.43	<1	2
3735	1	44	6	77	.2	18	10	829	3.08	5	<5	<2	<2	70	<.2	2	<2	65	.69	.048	10	22	.34	304	.12	10	2.05	.02	.32	1	2
3736	1	71	5	63	.2	22	12	574	4.24	7	<5	<2	<2	75	<.2	4	<2	106	1.05	.046	11	32	.66	246	.14	10	2.06	.02	.30	1	5
3737	<1	57	5	75	.2	23	12	896	4.06	4	<5	<2	<2	48	.3	2	<2	95	.68	.045	10	32	.66	250	.15	14	2.15	.02	.64	<1	4
3738	1	63	9	108	.2	26	11	825	4.03	7	<5	<2	<2	64	<.2	<2	<2	82	.86	.038	11	37	.62	308	.15	13	2.46	.02	.47	<1	2
3739	1	110	9	76	.3	25	13	569	4.01	6	<5	<2	<2	87	.2	2	<2	70	1.28	.079	15	28	.64	739	.09	13	2.51	.02	.44	<1	2
3740	1	85	10	85	.3	39	17	1209	4.24	15	<5	<2	<2	116	<.2	<2	<2	108	1.17	.120	15	46	.97	274	.15	10	2.81	.02	.43	<1	6
3741	1	84	12	79	.3	23	14	1471	3.03	11	<5	<2	<2	77	.3	<2	<2	71	1.13	.178	9	26	.64	305	.11	4	2.91	.02	.21	<1	2
3742	1	66	10	74	.3	21	15	1344	2.89	11	<5	<2	<2	77	.3	<2	<2	71	1.05	.126	10	26	.59	222	.08	5	2.57	.02	.21	2	4
3743	1	80	7	71	.2	26	16	1041	3.82	5	<5	<2	<2	68	<.2	<2	<2	97	.96	.094	12	32	.68	264	.15	6	3.10	.02	.28	<1	2
3744	<1	83	10	82	.3	22	16	1532	3.42	11	<5	<2	<2	81	.3	<2	<2	71	1.35	.085	13	22	.65	520	.10	6	3.11	.03	.35	<1	3
3745	1	87	5	64	.3	21	13	641	3.82	5	<5	<2	<2	94	.2	<2	<2	94	1.41	.059	9	22	.65	266	.14	6	3.42	.02	.29	<1	3
RE 3752	<1	30	<2	26	<.1	15	7	403	1.17	6	<5	<2	<2	1034	.3	2	<2	26	17.64	.078	3	8	2.83	353	.03	36	.65	.09	.13	<1	1
3746	1	112	5	74	.2	23	19	1183	4.91	4	<5	<2	<2	78	.2	<2	<2	121	1.33	.040	9	21	1.21	561	.18	8	3.61	.02	.43	<1	3
3747	1	58	9	88	.2	17	13	1009	3.88	6	<5	<2	<2	46	<.2	<2	<2	82	.91	.047	8	17	.71	539	.12	10	2.87	.02	.53	<1	1
3748	1	70	12	71	.2	29	13	1010	3.62	4	<5	<2	2	49	<.2	<2	<2	84	.91	.036	12	32	.65	366	.17	8	3.78	.02	.30	<1	2
3749	1	72	5	78	.1	20	12	934	3.53	4	<5	<2	<2	45	<.2	<2	<2	80	1.04	.054	9	20	.65	301	.16	10	3.18	.02	.41	1	2
3750	1	108	2	65	.2	24	15	756	4.37	10	<5	<2	<2	45	<.2	3	<2	98	.98	.054	12	26	.63	308	.13	8	2.83	.02	.29	<1	4
3751	<1	100	4	75	.2	23	15	687	4.59	11	<5	<2	<2	53	.2	10	<2	76	.94	.038	11	24	.61	376	.06	9	2.29	.01	.46	<1	4
3752	<1	29	<2	25	.1	14	7	376	1.10	7	<5	<2	2	970	.3	3	<2	24	16.41	.074	5	8	2.97	330	.03	34	.63	.09	.13	<1	2
3753	<1	95	5	66	.2	33	14	557	4.63	9	<5	<2	2	66	.2	2	<2	107	.92	.036	12	39	.75	376	.16	11	2.63	.02	.45	<1	5
3754	<1	69	7	89	.1	27	12	755	4.14	5	<5	<2	<2	65	.2	<2	<2	92	.93	.040	11	36	.65	351	.14	8	2.20	.03	.32	<1	3
3755	1	92	5	74	.2	33	14	744	4.45	9	<5	<2	<2	61	.2	<2	<2	111	1.01	.061	11	40	.83	365	.14	8	2.31	.03	.29	<1	7
3756	1	56	8	74	.2	30	13	615	3.89	7	<5	<2	2	61	<.2	<2	<2	87	.77	.043	13	39	.62	254	.15	10	2.37	.03	.45	<1	3
3761	<1	71	5	68	.2	26	13	732	4.15	7	<5	<2	<2	59	<.2	<2	<2	99	.81	.028	12	38	.64	248	.16	11	2.29	.02	.50	<1	3
3762	1	41	7	53	<.1	25	12	630	3.57	4	<5	<2	<2	93	<.2	<2	<2	82	.63	.018	9	40	.59	228	.15	10	1.91	.03	.40	<1	3
3763	<1	47	5	71	.1	31	14	864	3.67	10	<5	<2	<2	53	.2	2	<2	86	.67	.038	13	39	.62	293	.13	9	2.26	.02	.34	<1	2
3764	1	73	4	75	.3	37	16	937	3.93	13	<5	<2	2	65	.2	3	<2	102	.92	.086	11	42	.77	278	.13	10	2.03	.02	.44	<1	5
3765	1	75	6	77	.3	42	16	983	4.21	13	<5	<2	<2	55	.3	<2	<2	102	.88	.062	11	44	.98	262	.13	11	2.09	.02	.56	1	5
3766	<1	99	2	73	.2	24	14	718	4.34	5	<5	<2	<2	59	.2	<2	<2	110	.92	.046	12	30	1.04	288	.15	6	3.10	.02	.34	<1	3
3767	1	111	11	82	.3	28	19	1313	4.02	13	<5	<2	<2	86	.2	<2	<2	111	1.11	.070	13	31	.91	241	.17	7	3.64	.03	.21	<1	3
3768	1	75	9	84	.2	67	21	1285	4.43	26	<5	<2	2	73	.2	<2	<2	110	.94	.070	11	78	1.53	341	.17	6	3.26	.02	.32	<1	4
3769	<1	73	9	94	.2	26	14	1043	3.67	13	<5	<2	<2	67	.3	<2	<2	89	1.03	.096	13	29	.67	416	.13	9	2.66	.02	.29	<1	3
3770	<1	70	4	82	.2	43	14	936	3.79	6	<5	<2	2	62	.3	<2	<2	89	.67	.049	14	44	.69	350	.12	6	2.28	.02	.51	<1	5
3771	<1	62	6	73	.1	40	14	668	3.91	4	<5	<2	2	57	.2	<2	<2	92	.72	.049	13	44	.70	310	.13	6	2.53	.02	.43	<1	3
STANDARD C/AU-S	20	59	38	126	7.1	73	31	1042	3.96	41	17	7	36	54	17.0	14	18	62	.52	.093	40	61	.93	183	.08	34	1.88	.07	.17	13	51

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



ACHE ANALYTICAL



ACHE ANALYTICAL

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
3772	1	64	3	79	.1	32	13	929	3.88	7	<5	<2	2	55	<.2	3	3	91	.76	.038	15	39	.66	268	.16	7	2.27	.03	.34	2	1
3773	<1	88	4	69	.3	32	14	691	4.29	13	<5	<2	<2	55	<.2	3	<2	122	.97	.076	10	39	1.00	257	.14	7	2.01	.02	.20	2	11
3774	<1	74	4	65	.3	33	14	955	4.29	11	<5	<2	<2	49	<.2	3	<2	113	.92	.039	11	38	.70	277	.13	7	1.87	.02	.22	<1	3
3775	<1	66	7	78	<.1	32	12	793	3.65	7	<5	<2	2	59	<.2	2	<2	79	.71	.037	15	39	.62	232	.17	7	2.81	.02	.27	<1	1
3776	1	55	10	64	.1	27	12	871	3.34	11	<5	<2	<2	87	<.2	<2	<2	76	.72	.043	14	28	.58	274	.15	4	2.78	.02	.21	2	2
RE 3776	1	57	9	66	.1	27	13	901	3.44	10	<5	<2	<2	91	<.2	3	<2	79	.75	.045	16	28	.60	284	.15	5	2.85	.02	.21	1	3
3777	<1	58	7	97	<.1	21	9	921	2.56	6	<5	<2	<2	63	<.2	<2	<2	52	.73	.137	8	21	.39	416	.12	6	2.31	.02	.19	<1	<1
3778	1	134	6	68	.4	19	12	1084	2.84	13	6	<2	<2	160	.3	2	2	75	1.90	.128	8	16	.68	510	.11	4	3.18	.03	.15	<1	6
3779	1	60	9	70	.2	32	14	608	3.70	13	<5	<2	<2	65	<.2	3	2	92	.69	.051	14	36	.62	192	.14	3	2.66	.02	.15	1	2
3780	<1	65	6	69	.4	39	15	449	4.06	14	<5	<2	<2	88	<.2	2	<2	100	.70	.055	16	46	.69	208	.16	4	2.82	.02	.17	<1	3
3781	<1	80	6	72	.1	28	13	916	3.78	11	<5	<2	<2	54	.2	3	2	89	.82	.040	12	32	.66	268	.14	6	2.18	.03	.25	1	3
3782	<1	94	6	81	.3	34	16	1296	3.76	19	<5	<2	<2	79	.3	<2	<2	93	.87	.108	16	38	.71	279	.13	4	3.01	.02	.15	<1	4
3783	1	88	11	105	.3	38	16	1629	3.44	20	<5	<2	<2	97	.2	2	<2	81	1.14	.080	14	41	.71	309	.13	5	2.27	.02	.17	<1	2
3784	<1	43	4	109	.2	21	9	858	3.35	6	<5	<2	<2	47	<.2	2	<2	73	.68	.039	9	33	.33	254	.14	10	1.89	.02	.24	<1	1
3785	<1	43	8	79	.2	25	9	796	3.65	7	<5	<2	<2	47	<.2	<2	<2	81	.71	.025	13	37	.48	193	.16	7	2.00	.02	.34	<1	1
3786	1	46	5	80	<.1	25	9	679	3.60	11	<5	<2	<2	44	<.2	3	<2	76	.55	.033	12	33	.54	205	.15	8	2.21	.02	.22	<1	<1
3787	<1	58	10	73	.2	26	11	709	3.65	6	<5	<2	<2	51	<.2	<2	2	87	.69	.047	11	34	.59	196	.15	8	1.95	.02	.27	<1	1
3788	<1	67	7	65	.1	29	10	485	3.92	10	<5	<2	<2	55	<.2	<2	<2	96	.75	.048	13	35	.62	176	.15	6	2.03	.02	.25	<1	3
3789	<1	56	4	57	.2	24	11	695	3.50	6	<5	<2	<2	97	<.2	<2	2	90	.76	.041	8	32	.89	151	.15	10	1.63	.03	.23	<1	2
3790	<1	24	4	17	.1	9	3	194	.58	6	<5	<2	<2	1662	.3	2	<2	12	16.81	.062	3	5	2.60	134	.02	34	.44	.08	.07	<1	<1
3791	<1	48	6	59	.3	17	9	627	3.22	5	<5	<2	<2	157	<.2	3	<2	64	.69	.040	11	22	.57	206	.12	10	2.07	.02	.35	<1	<1
3792	<1	26	6	23	.1	14	4	292	.78	7	<5	<2	2	1960	.2	<2	<2	18	15.50	.055	6	7	7.30	179	.03	46	.81	.05	.08	<1	1
3793	<1	70	4	53	.1	22	10	646	3.63	14	<5	<2	<2	99	<.2	3	<2	91	1.20	.032	9	34	.59	166	.15	10	1.70	.02	.24	<1	3
3859	1	48	11	99	.3	24	14	1563	3.87	15	<5	<2	2	37	.2	2	<2	84	.65	.052	12	30	.58	399	.13	2	2.73	.02	.18	<1	4
3860	<1	74	8	84	.2	24	11	652	3.88	7	<5	<2	<2	62	<.2	3	<2	86	1.00	.067	13	30	.58	321	.14	8	2.69	.02	.29	1	2
3861	<1	91	8	76	.3	28	15	690	4.76	9	<5	<2	2	50	<.2	4	<2	107	.83	.047	14	34	.72	313	.15	3	2.85	.02	.25	<1	11
3862	1	91	10	83	.2	26	15	1120	4.10	9	<5	<2	<2	60	<.2	<2	<2	93	.93	.051	11	35	.64	273	.16	5	3.39	.02	.30	<1	5
3863	<1	76	9	72	.2	20	12	629	4.42	8	<5	<2	<2	46	<.2	2	<2	99	.97	.039	9	25	.63	211	.15	5	2.81	.02	.37	<1	5
3864	<1	39	8	104	.1	15	9	614	2.97	6	<5	<2	<2	33	<.2	4	3	53	.54	.027	8	21	.27	230	.12	5	2.17	.02	.24	1	1
3865	<1	68	6	73	.2	23	12	853	4.56	11	<5	<2	<2	32	<.2	5	2	112	.70	.037	10	33	.57	227	.15	7	1.89	.02	.37	1	6
3866	1	48	8	92	.1	65	15	796	4.53	11	<5	<2	<2	40	<.2	<2	<2	102	.66	.034	7	106	1.18	312	.15	5	2.71	.02	.27	<1	5
3867	<1	113	7	95	.3	124	24	542	5.97	4	<5	<2	<2	36	<.2	<2	9	109	.95	.038	6	182	3.14	334	.14	7	4.16	.02	.29	4	2
3868	<1	87	8	69	.2	33	13	502	5.01	10	<5	<2	2	39	<.2	2	<2	106	.74	.042	14	42	.71	321	.15	7	2.62	.02	.45	1	9
3869	1	72	7	68	<.1	26	15	1058	4.35	13	<5	<2	2	39	<.2	<2	2	98	.72	.022	14	34	.62	357	.18	3	3.06	.02	.26	<1	1
3870	<1	81	9	71	.1	27	14	636	4.52	11	<5	<2	2	35	<.2	<2	<2	105	.74	.042	14	30	.85	383	.16	3	3.38	.02	.15	1	4
STANDARD C/AU-S	18	63	38	129	7.5	74	31	1028	3.96	39	19	7	34	52	17.0	14	18	60	.51	.090	40	54	.91	177	.09	33	1.88	.07	.15	13	49

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
3871	<1	72	18	99	.1	45	17	1105	4.53	4	<5	<2	<2	48	.3	2	<2	107	.84	.042	20	66	1.12	337	.20	6	3.11	.02	.31	<1	4
3872	1	63	13	87	.2	23	13	708	4.13	18	<5	<2	<2	33	<.2	5	<2	95	.72	.036	18	35	.75	456	.15	7	2.94	.01	.19	<1	2
3873	<1	64	11	117	<.1	14	13	1968	5.35	3	<5	<2	<2	40	.3	<2	<2	148	1.16	.051	13	31	1.09	421	.13	12	2.57	.01	.36	<1	<1
3874	<1	95	13	90	.1	20	15	743	5.59	42	<5	<2	2	40	.6	4	<2	119	.80	.096	10	29	.53	455	.05	13	1.89	.01	.45	<1	23
3875	<1	112	9	86	<.1	15	14	498	6.07	<2	<5	<2	4	39	.5	<2	<2	124	.67	.069	8	26	.55	564	.01	8	1.87	.01	.56	<1	2
3876	<1	140	8	95	.1	15	16	796	5.93	7	<5	<2	3	51	.3	7	<2	128	.78	.074	11	14	.80	872	.02	11	2.86	.02	.45	<1	5
3877	<1	132	7	108	.1	14	16	950	5.20	<2	<5	<2	<2	62	<.2	<2	<2	95	.91	.057	12	16	.79	827	.05	10	2.54	.01	.44	<1	1
3878	<1	60	6	103	<.1	12	14	759	4.46	<2	<5	<2	<2	82	<.2	4	<2	83	.55	.022	12	20	.93	369	.06	11	2.36	.01	.37	<1	<1
4219	<1	70	13	86	<.1	17	10	617	4.57	3	<5	<2	3	34	.2	<2	<2	127	.80	.032	10	29	.85	264	.15	10	3.16	.02	.37	<1	<1
4220	<1	104	7	86	.1	14	16	727	4.58	5	<5	<2	<2	57	.2	<2	<2	141	1.43	.048	12	28	1.29	584	.19	9	3.30	.02	.16	<1	1
RE 4221	<1	66	4	122	.1	15	13	925	5.00	2	<5	<2	<2	43	.2	<2	<2	143	.96	.052	11	25	.89	383	.14	10	2.94	.02	.33	<1	<1
4221	<1	65	6	123	.1	13	13	938	4.94	2	<5	<2	2	44	.6	2	<2	139	.96	.051	11	25	.90	387	.14	9	2.93	.01	.34	<1	1
4222	<1	51	7	86	<.1	22	10	614	4.11	<2	<5	<2	<2	41	.3	<2	<2	109	.71	.042	14	47	.63	234	.16	5	2.14	.02	.37	<1	3
4223	<1	47	4	90	.1	18	10	404	3.70	7	<5	<2	2	35	.6	2	<2	85	.82	.065	10	25	.69	289	.14	10	3.34	.02	.23	<1	<1
4224	<1	69	8	83	.2	20	15	1359	3.94	9	<5	<2	<2	42	.5	4	<2	111	.82	.042	12	33	.68	225	.17	9	2.83	.02	.29	<1	2
4225	<1	53	4	106	<.1	13	11	779	3.74	5	<5	<2	<2	52	.4	3	<2	111	.99	.057	9	17	.85	442	.17	9	2.95	.02	.21	<1	<1
4226	<1	82	9	88	.1	21	12	849	4.11	5	<5	<2	<2	44	.2	7	<2	94	.75	.041	14	32	.59	360	.10	10	2.26	.02	.32	<1	2
4265	<1	53	2	72	.2	32	12	833	3.04	4	<5	<2	<2	360	.6	7	<2	65	4.25	.049	10	29	1.79	319	.08	18	1.74	.03	.33	<1	3
4266	<1	98	7	81	<.1	17	12	883	3.92	3	<5	<2	<2	77	.2	3	<2	69	1.11	.042	10	26	.55	534	.08	13	1.93	.02	.44	<1	3
4267	<1	112	4	64	.1	17	14	620	4.10	5	<5	<2	<2	48	.4	3	<2	111	1.08	.023	8	23	1.15	372	.12	10	3.04	.02	.26	<1	3
4268	1	156	10	71	.2	22	14	701	4.56	9	<5	<2	2	53	.2	6	<2	96	1.01	.029	13	32	.83	280	.13	4	3.28	.02	.34	<1	10
4269	<1	128	13	54	.3	16	12	402	3.80	7	<5	<2	<2	57	.8	5	<2	98	1.18	.028	12	27	.75	171	.17	4	3.71	.03	.13	1	2
4270	1	92	8	84	<.1	15	16	1674	4.29	<2	<5	<2	<2	53	.4	<2	<2	128	1.15	.044	9	24	.96	225	.18	6	3.37	.03	.32	<1	1
4271	<1	109	11	64	.2	27	15	901	5.02	5	<5	<2	2	87	.6	<2	<2	143	1.44	.059	11	33	1.04	218	.16	9	3.73	.02	.36	<1	8
4272	<1	99	8	85	<.1	24	15	1205	4.30	8	<5	<2	<2	48	.6	<2	<2	114	.99	.064	14	33	1.05	433	.15	2	3.38	.02	.35	<1	5
4273	<1	48	9	82	.1	22	12	1239	3.45	3	<5	<2	<2	41	.2	<2	<2	83	.64	.024	16	32	.65	301	.18	5	3.12	.02	.24	<1	4
4274	1	61	10	88	<.1	117	23	596	5.24	15	<5	<2	<2	65	.4	2	<2	130	.98	.070	30	159	2.47	298	.22	3	2.78	.04	.12	<1	2
4275	<1	51	11	109	<.1	40	13	885	4.03	15	<5	<2	<2	45	<.2	2	<2	93	.66	.036	17	64	.78	398	.13	5	2.51	.02	.28	<1	7
4276	<1	44	7	81	.1	23	12	731	3.69	6	<5	<2	<2	35	<.2	4	<2	97	.74	.035	13	41	.64	195	.18	4	2.50	.02	.16	<1	<1
4277	<1	94	6	83	<.1	14	14	880	4.29	7	<5	<2	<2	67	.5	<2	<2	114	1.31	.059	8	24	1.26	302	.16	8	4.27	.02	.30	<1	<1
4278	<1	82	10	80	<.1	19	14	1211	4.12	6	<5	<2	<2	60	.5	<2	<2	109	1.34	.058	11	26	1.05	185	.16	6	3.66	.02	.29	<1	1
4279	<1	53	6	69	<.1	16	11	559	4.18	4	<5	<2	<2	41	.4	<2	<2	99	.82	.055	9	32	.68	266	.14	9	2.51	.02	.44	<1	1
4280	<1	61	12	90	<.1	17	13	791	3.77	9	<5	<2	<2	36	.5	2	<2	95	.67	.065	14	34	.68	314	.13	5	3.02	.02	.25	<1	3
4281	1	51	2	94	.1	16	12	841	3.52	14	<5	<2	<2	42	.4	10	<2	76	.57	.041	11	25	.43	343	.08	6	2.04	.02	.15	<1	2
4282	<1	49	7	82	<.1	19	13	774	3.27	<2	<5	<2	<2	47	<.2	<2	<2	68	.70	.046	15	27	.49	411	.12	5	2.84	.03	.16	<1	2
STANDARD C/AU-S	20	59	42	137	7.1	72	33	1054	3.96	41	19	7	36	54	18.8	15	18	62	.49	.097	40	62	.93	183	.09	34	1.88	.07	.16	13	47

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4283	<1	72	6	85	.3	19	12	817	3.96	7	<5	<2	<2	47	<.2	13	<2	83	.64	.040	9	22	.30	541	.07	12	1.56	.02	.29	<1	2
4284	1	68	34	109	.4	17	13	806	4.10	21	<5	<2	<2	39	.3	16	3	66	.65	.050	8	18	.23	462	.05	10	1.42	.02	.33	1	55
4285	1	47	9	80	.2	21	14	850	4.03	14	<5	<2	2	37	<.2	4	2	87	.63	.043	15	27	.33	360	.09	6	1.95	.02	.25	<1	3
4286	1	29	7	84	.3	15	9	843	2.98	13	<5	<2	<2	51	.2	3	<2	52	1.02	.058	7	19	.26	648	.06	7	1.92	.02	.19	<1	3
4287	1	53	7	84	.1	23	12	712	3.93	9	<5	<2	2	42	<.2	2	2	91	.65	.041	11	28	.35	505	.10	8	2.21	.02	.23	<1	2
4288	<1	68	8	64	.4	14	16	959	5.19	13	<5	<2	<2	21	<.2	4	2	120	.43	.060	10	14	.23	522	.02	6	1.17	.01	.20	<1	<1
4289	1	77	<2	73	.2	31	14	603	4.51	18	<5	<2	<2	47	<.2	<2	2	109	.92	.058	14	37	.68	339	.14	9	2.48	.02	.33	<1	29
4290	1	71	6	67	.1	23	13	816	4.23	7	<5	<2	3	40	<.2	5	2	93	.60	.027	16	28	.36	429	.11	8	2.27	.02	.29	<1	4
4291	1	39	7	88	.2	19	10	919	3.19	3	<5	<2	2	35	<.2	2	2	70	.66	.041	10	25	.32	429	.12	7	2.20	.02	.22	<1	<1
4292	1	27	6	92	.1	14	7	1146	2.39	4	<5	<2	<2	40	<.2	2	<2	47	.78	.049	5	17	.23	348	.10	8	1.83	.02	.21	<1	1
4293	1	69	4	74	.2	26	16	990	4.22	3	<5	<2	2	46	<.2	<2	2	104	.79	.029	12	32	.72	339	.16	7	2.98	.02	.40	<1	2
4294	1	65	5	72	.1	25	14	979	4.08	6	<5	<2	<2	47	.2	<2	<2	98	.84	.043	14	30	.67	348	.14	8	3.00	.02	.28	<1	1
4295	<1	71	8	80	.1	22	14	1320	4.01	<2	<5	<2	2	51	<.2	<2	<2	92	.88	.043	14	22	.65	593	.13	8	3.31	.02	.30	<1	2
4296	<1	58	7	55	.2	20	12	743	3.50	5	<5	<2	<2	106	<.2	<2	<2	79	1.58	.029	10	22	.75	278	.11	10	1.98	.02	.30	1	1
4297	1	55	<2	69	<.1	23	13	821	3.84	5	<5	<2	<2	59	<.2	<2	<2	96	.88	.048	10	25	.79	313	.14	8	2.82	.03	.22	<1	2
RE 4298	1	27	4	58	.1	15	8	868	2.76	6	<5	<2	2	56	<.2	3	<2	56	.52	.033	5	20	.30	274	.10	11	1.86	.02	.28	<1	<1
4298	1	29	<2	59	.1	15	8	897	2.78	6	<5	<2	2	57	<.2	2	2	55	.53	.034	5	20	.30	281	.10	10	1.87	.02	.29	<1	<1
4299	<1	33	6	57	.2	14	8	670	2.58	7	<5	<2	<2	101	<.2	<2	<2	42	.58	.020	7	17	.66	164	.08	13	1.84	.03	.21	<1	1
4300	1	93	5	78	.2	31	18	1299	4.14	6	<5	<2	<2	53	<.2	2	<2	103	.71	.073	15	38	.71	383	.15	7	3.40	.02	.29	1	3
4301	1	52	7	69	.2	29	13	573	3.99	7	<5	<2	2	64	<.2	<2	<2	91	.66	.031	13	38	.70	280	.15	7	2.44	.03	.29	<1	<1
4302	1	70	2	88	.2	28	12	546	4.18	5	<5	<2	3	64	<.2	2	<2	85	.73	.042	11	34	.72	298	.13	10	2.28	.02	.39	<1	1
4303	1	60	3	65	<.1	27	12	552	3.99	5	<5	<2	2	68	<.2	<2	<2	77	.61	.021	12	31	.70	352	.13	9	2.56	.03	.28	<1	2
4304	1	65	6	69	.2	27	13	828	3.83	7	<5	<2	<2	62	<.2	<2	2	87	.83	.038	12	32	.69	273	.13	9	2.21	.02	.32	<1	2
4305	1	54	6	98	.1	23	12	1026	4.01	4	<5	<2	2	62	.3	3	<2	86	.82	.037	10	30	.53	392	.13	10	2.16	.02	.32	<1	<1
4306	<1	66	4	86	.1	35	12	550	4.43	7	<5	<2	2	46	<.2	3	3	90	.72	.039	10	43	.66	320	.12	11	2.29	.02	.43	<1	3
4307	<1	89	2	76	.2	33	13	556	5.25	7	<5	<2	2	93	.2	<2	<2	157	1.14	.056	10	42	.88	251	.19	8	2.75	.02	.32	<1	8
4308	<1	80	5	57	.1	20	12	651	2.87	20	<5	<2	<2	53	<.2	<2	2	56	1.09	.052	7	23	.67	163	.10	12	2.12	.02	.27	<1	3
4309	<1	121	5	54	.4	26	15	648	3.92	5	<5	<2	<2	84	.2	<2	<2	99	1.46	.051	10	23	.92	258	.16	8	4.10	.03	.19	2	22
4310	1	116	3	64	.4	16	11	1174	2.51	8	<5	<2	<2	144	.4	<2	<2	67	2.05	.264	7	15	.72	196	.09	10	2.76	.02	.14	<1	2
4311	<1	74	7	73	.2	20	12	1235	2.92	10	<5	<2	<2	102	.3	<2	<2	73	1.46	.153	9	18	.70	311	.13	9	3.14	.03	.20	1	3
4312	1	68	6	74	.1	21	11	1061	2.91	6	<5	<2	<2	78	.3	<2	<2	68	1.13	.122	8	19	.69	429	.11	9	3.01	.03	.14	<1	1
4313	1	69	5	71	.2	21	10	653	2.79	4	<5	<2	<2	84	<.2	<2	<2	66	1.13	.181	8	18	.71	289	.12	13	3.31	.03	.27	<1	1
4314	1	80	5	74	.1	20	12	1192	2.91	5	<5	<2	<2	154	.3	<2	<2	76	1.89	.310	7	18	.75	362	.12	10	3.69	.03	.16	<1	2
4315	<1	93	4	65	.3	30	16	824	4.11	6	<5	<2	2	75	<.2	<2	2	107	1.10	.085	12	29	1.21	372	.14	11	2.90	.03	.21	<1	55
4316	<1	85	4	68	.2	31	15	713	4.03	9	<5	<2	<2	131	.2	<2	<2	108	1.44	.063	13	32	1.28	356	.15	11	2.75	.04	.24	<1	4
STANDARD C/AU-S	20	61	38	126	6.9	73	31	1050	3.96	41	16	6	36	51	17.0	14	17	62	.49	.093	40	59	.91	183	.08	34	1.88	.07	.16	13	47

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4317	1	72	12	88	<.1	30	15	1139	3.55	22	<5	<2	<2	78	<.2	<2	<2	77	1.08	.118	15	33	.72	487	.13	8	2.93	.03	.23	<1	4
4318	1	107	8	80	.2	32	17	1195	3.99	16	<5	<2	<2	93	.3	<2	<2	102	1.47	.136	13	35	1.04	478	.12	10	2.35	.03	.28	<1	6
4319	1	58	9	73	.2	26	13	606	4.05	13	<5	<2	2	54	<.2	<2	<2	100	.77	.038	11	42	.65	248	.16	8	2.19	.03	.34	1	1
4320	1	91	3	67	.3	27	14	804	4.14	16	<5	<2	<2	66	.4	<2	3	121	2.10	.089	9	40	.92	198	.15	12	1.89	.03	.26	<1	5
4321	1	60	5	66	.2	25	12	600	4.02	10	7	<2	<2	44	<.2	<2	<2	107	.69	.033	10	39	.65	185	.15	8	1.88	.03	.28	<1	1
4322	1	44	7	67	<.1	24	11	430	3.92	14	<5	<2	2	44	<.2	<2	2	91	.63	.041	11	40	.52	187	.17	10	2.42	.02	.30	1	1
4323	1	46	3	64	.2	23	12	607	3.90	13	<5	<2	2	52	<.2	<2	4	97	.65	.029	12	36	.55	205	.15	8	2.07	.02	.30	<1	1
4324	1	40	7	50	.1	19	10	408	3.61	8	5	<2	<2	126	.2	<2	<2	85	.63	.022	7	33	.43	143	.14	19	1.87	.02	.41	1	<1
4325	1	63	<2	50	.1	23	10	334	3.83	11	<5	<2	<2	57	<.2	<2	<2	94	.50	.022	10	37	.55	183	.15	8	2.15	.03	.24	<1	4
4326	1	51	9	68	.1	24	11	580	3.26	12	<5	<2	2	80	<.2	<2	<2	74	.63	.075	11	32	.55	236	.14	10	2.55	.03	.30	<1	2
4327	1	63	9	86	<.1	24	13	1076	3.41	6	<5	<2	<2	76	.2	<2	<2	72	1.02	.048	13	34	.55	289	.15	8	2.87	.02	.20	1	1
4328	1	85	4	54	<.1	28	11	389	3.99	10	<5	<2	<2	56	<.2	<2	<2	102	.91	.039	10	39	.65	242	.15	5	2.36	.03	.17	1	5
4331	1	48	5	79	.1	20	14	1347	3.61	12	<5	<2	<2	48	<.2	<2	2	92	.82	.050	9	33	.54	274	.13	8	1.92	.02	.41	<1	1
4332	1	84	11	74	.1	25	16	1138	3.78	11	<5	<2	<2	89	<.2	<2	<2	99	1.15	.085	11	34	.68	243	.15	4	3.81	.02	.19	<1	1
4333	1	68	6	72	<.1	24	14	792	4.21	5	<5	<2	<2	52	<.2	<2	<2	112	.82	.033	11	39	.63	210	.16	5	2.62	.02	.25	<1	140
4334	<1	73	5	75	.1	21	15	1036	4.04	4	<5	<2	<2	71	.2	<2	<2	112	1.06	.037	10	31	.67	201	.18	8	3.17	.02	.29	<1	2
4335	1	56	9	84	.2	21	14	1187	4.23	9	<5	<2	<2	66	<.2	2	<2	104	.79	.039	11	34	.54	386	.14	7	2.05	.02	.31	<1	1
RE 4335	<1	56	7	85	.1	21	14	1228	4.36	9	<5	<2	<2	68	<.2	<2	2	106	.81	.040	12	35	.55	395	.14	7	2.14	.02	.32	<1	2
4336	<1	36	3	19	.2	14	5	367	1.19	4	<5	<2	3	766	.2	3	<2	20	14.15	.085	7	11	.55	359	.04	27	.83	.04	.18	<1	1
4337	1	51	9	93	.2	26	11	963	3.17	7	<5	<2	<2	129	.2	4	<2	79	.98	.080	10	38	.54	351	.12	10	1.73	.02	.38	1	2
4338	1	32	7	71	.4	23	12	739	3.24	8	7	<2	2	49	<.2	3	<2	82	.57	.033	12	38	.39	244	.13	6	1.81	.02	.24	<1	2
4339	1	39	7	89	.2	23	12	1262	3.12	7	<5	<2	<2	65	<.2	2	<2	70	.90	.027	11	32	.43	392	.12	10	2.19	.03	.22	<1	1
4340	1	42	9	116	.3	18	15	1191	3.91	6	11	<2	<2	40	.2	<2	<2	91	.77	.045	11	22	.66	558	.07	5	2.58	.02	.23	<1	1
4341	1	99	8	111	.3	22	20	1065	5.89	10	6	<2	<2	40	.3	14	<2	99	1.14	.073	10	21	.33	936	.03	7	1.88	.01	.44	2	7
4342	1	67	7	64	.2	24	14	842	3.73	15	<5	<2	2	44	<.2	<2	<2	89	.68	.042	15	32	.60	443	.12	5	2.73	.02	.23	<1	2
4343	1	120	6	72	.1	31	17	1105	4.13	16	<5	<2	<2	52	<.2	<2	<2	100	1.07	.058	15	41	.64	333	.15	6	3.39	.02	.25	<1	2
4344	1	84	10	72	.2	19	12	681	4.40	14	<5	<2	<2	38	.3	<2	3	91	.71	.057	12	28	.54	371	.12	10	2.57	.02	.49	<1	4
4345	1	67	4	74	.3	19	11	451	3.95	11	<5	<2	<2	57	.3	2	<2	98	.78	.039	11	30	.39	312	.11	6	1.86	.02	.27	<1	13
4346	<1	58	7	76	<.1	15	11	595	3.58	10	<5	<2	<2	46	.2	3	<2	74	.73	.037	11	26	.28	204	.09	8	1.68	.02	.29	1	1
4347	1	178	4	83	.4	24	16	661	5.85	61	<5	<2	<2	50	.4	48	<2	93	.82	.114	9	26	.33	643	.04	12	1.78	.01	.50	<1	130
4348	1	77	10	82	<.1	23	11	680	3.62	12	<5	<2	<2	38	.2	<2	<2	64	.67	.035	13	37	.32	281	.09	9	2.23	.02	.38	<1	3
4349	1	60	9	92	<.1	18	12	361	4.37	17	<5	<2	<2	48	<.2	2	<2	67	.83	.046	13	26	.38	287	.10	14	2.73	.02	.56	<1	4
4350	1	99	8	93	.4	16	16	840	5.24	8	<5	<2	<2	73	.3	<2	<2	105	1.85	.068	14	19	.89	1004	.01	10	2.52	.01	.46	<1	6
4351	1	139	7	56	.3	17	12	445	4.37	33	<5	<2	<2	51	.3	<2	<2	65	1.09	.057	10	29	.34	443	.02	12	1.92	.01	.30	<1	44
4352	1	83	10	66	.1	33	18	712	4.12	4	<5	<2	<2	44	<.2	<2	<2	101	.66	.037	13	47	.69	215	.17	3	3.73	.02	.17	<1	3
STANDARD C/AU-S	21	63	39	134	7.4	73	32	1089	4.16	42	26	9	38	53	17.0	15	18	59	.50	.093	41	60	.91	187	.09	32	1.97	.07	.17	14	48

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





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4353	1	123	5	107	.3	36	24	1382	6.13	29	10	<2	<2	46	.2	5	<2	112	1.09	.062	15	32	.49	291	.05	7	2.34	.02	.44	1	6
4354	1	47	6	77	<.1	21	11	931	3.76	6	<5	<2	<2	42	<.2	3	<2	62	.81	.038	9	29	.41	294	.11	11	2.22	.02	.51	1	<1
4355	1	84	6	74	.1	21	13	421	4.01	10	<5	<2	<2	70	<.2	2	<2	83	1.32	.048	12	21	.31	709	.07	7	2.99	.02	.25	<1	1
4356	1	31	8	128	<.1	23	10	674	2.99	5	<5	<2	<2	53	.2	<2	<2	61	.51	.025	7	31	.30	318	.13	9	1.84	.03	.27	<1	2
4357	1	44	7	67	<.1	35	14	495	4.18	8	<5	<2	<2	57	<.2	<2	<2	103	.63	.044	12	47	.66	226	.17	6	2.26	.03	.29	<1	3
4358	1	40	6	48	<.1	27	12	497	3.63	5	<5	<2	<2	172	<.2	<2	<2	68	.73	.012	8	34	1.42	187	.12	13	2.13	.04	.28	1	2
4359	1	61	3	69	.2	18	12	533	4.13	4	<5	<2	<2	92	.2	<2	<2	73	.69	.040	12	22	.41	469	.07	8	1.79	.02	.36	<1	4
4360	<1	81	5	74	.1	22	12	699	4.50	6	<5	<2	<2	55	<.2	<2	<2	98	.91	.049	11	28	.43	499	.10	10	1.99	.02	.37	1	20
4361	1	46	10	91	<.1	26	12	878	4.13	6	<5	<2	<2	45	<.2	<2	<2	97	.76	.029	11	36	.52	346	.15	8	2.36	.02	.31	1	2
4362	<1	39	4	74	<.1	16	11	474	3.46	19	<5	<2	<2	30	<.2	3	<2	75	.42	.025	8	23	.27	346	.09	3	1.78	.02	.18	<1	3
4363	1	48	9	79	.1	30	13	561	4.11	12	<5	<2	<2	60	<.2	<2	<2	85	.98	.041	13	36	.66	325	.15	6	3.22	.03	.22	1	5
4364	1	66	9	89	.2	23	15	644	4.83	152	<5	<2	<2	53	<.2	<2	<2	85	1.08	.047	11	25	.32	530	.06	7	2.16	.02	.27	<1	64
4365	1	40	7	126	.2	15	10	1283	3.38	18	<5	<2	<2	45	<.2	4	<2	68	.79	.051	6	21	.25	639	.08	8	1.78	.02	.26	1	2
4366	<1	66	6	100	.3	20	15	1135	4.08	13	<5	<2	<2	52	.2	4	<2	71	.86	.080	11	19	.62	841	.05	10	2.07	.02	.44	1	3
4367	1	59	9	77	.4	23	14	962	3.67	45	<5	<2	<2	48	<.2	4	<2	74	.63	.044	12	24	.52	501	.10	6	2.16	.02	.23	<1	8
4368	1	69	12	80	.4	18	12	756	3.71	22	<5	<2	<2	42	<.2	5	<2	61	.63	.051	10	21	.29	637	.08	9	1.57	.02	.33	<1	5
4369	1	61	10	63	.4	22	14	804	3.72	20	<5	<2	<2	55	<.2	6	<2	95	.68	.039	9	25	.53	361	.12	6	2.32	.02	.15	<1	4
4370	<1	59	10	72	.4	25	13	713	3.42	13	<5	<2	<2	82	<.2	4	<2	81	.74	.054	13	26	.66	388	.12	5	2.71	.03	.14	<1	3
RE 4368	<1	70	10	81	.5	20	13	765	3.77	19	7	<2	<2	43	<.2	7	<2	63	.65	.052	10	20	.30	649	.08	10	1.66	.02	.34	1	3
4371	1	52	8	81	.5	24	13	1055	3.51	13	<5	<2	<2	84	<.2	3	<2	87	.85	.055	11	24	.56	333	.13	8	2.83	.03	.21	<1	<1
4372	1	53	7	63	.1	19	12	894	3.09	5	<5	<2	<2	70	<.2	<2	<2	79	.94	.040	8	19	.55	269	.14	5	3.32	.02	.20	<1	2
4373	<1	44	8	55	.1	20	10	620	2.67	5	<5	<2	<2	47	<.2	<2	<2	66	.68	.094	7	19	.46	324	.10	3	2.87	.02	.13	<1	2
4374	<1	42	8	65	.1	19	10	976	2.81	5	<5	<2	<2	41	<.2	<2	<2	63	.65	.051	8	22	.42	349	.09	5	2.12	.02	.23	<1	1
4375	<1	29	5	38	<.1	9	6	532	1.75	<2	<5	<2	<2	31	.2	<2	<2	38	.43	.030	4	11	.19	264	.05	<2	1.23	.01	.13	1	1
4376	<1	56	3	47	.1	18	9	637	2.57	<2	<5	<2	<2	32	<.2	<2	<2	62	.53	.034	8	21	.37	236	.10	4	2.08	.01	.18	1	2
4377	<1	46	3	49	<.1	16	8	622	2.26	<2	<5	<2	<2	35	<.2	<2	<2	53	.52	.032	7	20	.35	265	.08	3	1.95	.01	.14	2	2
4378	<1	38	5	41	<.1	16	8	544	2.17	<2	<5	<2	<2	26	<.2	<2	<2	55	.43	.025	8	21	.38	159	.09	2	1.83	.01	.12	3	1
4379	<1	42	2	29	<.1	12	6	403	1.59	<2	<5	<2	<2	31	<.2	<2	<2	38	.41	.024	5	13	.31	160	.07	2	1.62	.01	.10	<1	2
4380	<1	30	5	29	<.1	9	5	319	1.38	4	<5	<2	<2	29	<.2	<2	<2	34	.38	.022	3	9	.18	160	.06	3	1.56	.01	.06	<1	1
4381	1	21	7	24	<.1	9	4	225	1.38	7	<5	<2	<2	35	<.2	<2	<2	31	.36	.016	4	9	.17	125	.06	2	1.49	.01	.07	<1	1
4382	1	55	<2	58	.3	21	11	481	3.33	11	<5	<2	<2	112	<.2	4	<2	69	.74	.027	9	25	1.00	201	.11	10	2.22	.03	.23	<1	4
4383	1	60	8	66	.2	25	13	764	4.04	12	<5	<2	<2	67	<.2	3	<2	99	.78	.038	10	32	.65	296	.16	11	2.43	.03	.29	1	2
4384	1	65	3	67	.1	29	12	555	4.01	12	<5	<2	<2	74	<.2	4	<2	98	.90	.049	13	32	.66	308	.16	9	2.86	.03	.24	2	3
4385	<1	39	13	74	.1	19	10	1328	3.32	4	<5	<2	<2	123	<.2	<2	<2	69	.76	.069	8	24	.56	377	.11	13	2.31	.04	.53	1	<1
4386	1	51	9	80	.3	23	11	569	3.93	11	<5	<2	<2	59	<.2	4	<2	75	.91	.057	13	23	.61	483	.10	14	2.46	.02	.43	1	3
STANDARD C/AU-S	22	62	43	138	7.3	71	32	1072	4.09	43	26	6	38	53	18.7	15	18	60	.51	.094	41	60	.93	190	.09	33	1.94	.07	.16	14	49

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4387	1	52	12	70	.2	23	13	716	4.58	7	<5	<2	<2	54	.2	<2	<2	109	.86	.040	13	30	.62	332	.14	8	2.66	.02	.25	1	2
4388	1	52	6	100	.2	18	9	848	2.83	<2	<5	<2	<2	97	<.2	<2	<2	50	1.41	.067	7	22	.44	309	.11	14	2.48	.03	.33	1	1
4389	1	67	11	75	.1	19	14	756	4.42	<2	<5	<2	<2	51	.2	<2	<2	93	.79	.033	9	23	.60	324	.10	9	2.36	.02	.40	2	1
RE 4389	1	70	10	77	.1	21	14	781	4.57	<2	<5	<2	<2	53	.2	2	<2	95	.82	.034	10	24	.64	339	.11	9	2.47	.02	.43	1	1
4390	1	73	6	87	.3	20	17	1101	4.81	5	<5	<2	<2	55	.2	8	<2	103	1.10	.049	7	22	.58	361	.07	12	2.14	.02	.43	<1	1
4391	1	79	9	70	.2	29	13	456	4.33	3	<5	<2	<2	58	<.2	2	<2	99	.81	.046	10	36	.77	238	.15	8	2.56	.03	.31	<1	3
4392	1	80	6	79	.4	33	17	981	4.35	10	<5	<2	<2	65	<.2	<2	<2	117	.92	.088	13	45	.82	248	.16	8	2.65	.02	.34	<1	4
4393	1	110	13	79	.6	30	18	1387	4.27	9	<5	<2	<2	91	<.2	<2	<2	104	1.30	.111	14	32	.91	358	.15	7	3.75	.02	.25	<1	5
4394	1	88	11	72	.2	23	16	1006	4.27	3	<5	<2	<2	63	<.2	<2	<2	118	1.19	.054	9	33	.89	171	.18	7	3.18	.02	.32	1	3
4395	1	86	11	67	.2	31	14	541	4.66	2	<5	<2	<2	50	<.2	<2	<2	113	.93	.049	16	38	.82	291	.17	10	3.18	.02	.40	<1	2
4396	1	76	8	66	.3	28	15	665	4.39	<2	<5	<2	<2	60	<.2	<2	<2	115	.99	.029	13	35	.89	218	.19	6	3.54	.03	.27	<1	1
4397	1	78	10	72	.3	26	13	766	3.93	<2	<5	<2	2	59	<.2	<2	<2	93	.97	.028	14	29	.70	270	.16	5	3.18	.02	.33	<1	2
4398	1	83	13	68	.4	28	14	489	4.36	8	<5	<2	3	44	<.2	4	<2	107	.73	.041	15	35	.65	368	.16	5	2.92	.02	.25	2	2
4399	1	52	10	78	.4	26	14	1112	4.11	3	<5	<2	3	41	<.2	3	3	100	.86	.034	16	36	.68	401	.15	7	2.79	.02	.38	<1	1
4400	1	78	10	69	.5	26	11	572	4.14	7	<5	<2	2	44	<.2	5	<2	98	.77	.041	13	38	.64	268	.15	10	2.41	.02	.42	1	2
STANDARD C/AU-S	20	62	38	126	7.2	74	31	1035	3.96	41	23	6	37	54	17.5	14	22	62	.49	.093	40	61	.92	182	.08	33	1.88	.07	.17	14	47

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



## GEOCHEMICAL ANALYSIS CERTIFICATE



Crest Geological Consulting PROJECT 125 File # 94-3987 Page 1

2197 Park Crescent, Coquitlam BC V3J 6T1 Submitted by: C. Payne

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
3398	<1	63	13	79	.1	27	14	980	4.45	7	<5	<2	<2	44	<.2	2	<2	125	.75	.040	9	49	.52	183	.17	9	1.91	.02	.33	3	3
3399	1	63	10	79	.1	26	13	1021	4.15	11	<5	<2	2	45	<.2	<2	<2	114	.73	.042	10	44	.50	188	.16	6	1.88	.02	.33	1	4
3400	1	59	7	74	<.1	26	14	936	4.26	7	<5	<2	<2	46	<.2	<2	<2	113	.71	.037	11	47	.45	187	.17	9	2.11	.02	.32	2	4
3451	1	52	11	81	.2	30	12	632	4.09	3	<5	<2	2	48	.2	2	<2	93	.68	.049	10	47	.51	194	.16	11	2.74	.03	.31	1	5
3452	<1	125	6	72	.2	16	10	1391	2.65	7	8	<2	4	384	.3	2	<2	62	10.09	.158	9	15	1.53	301	.07	56	1.27	.02	.40	1	<1
3453	1	53	11	100	.3	24	13	751	3.36	9	<5	<2	<2	36	<.2	<2	<2	83	.78	.090	7	29	.51	243	.14	6	2.61	.02	.11	1	1
3454	1	97	8	92	.1	30	14	1070	3.41	11	<5	<2	2	43	<.2	<2	<2	82	.88	.108	10	32	.73	342	.14	6	2.80	.02	.20	1	<1
3455	<1	65	6	49	.2	27	9	560	2.31	8	5	<2	4	236	.2	<2	<2	58	9.95	.085	13	21	1.59	238	.07	12	1.53	.03	.16	<1	<1
3456	1	64	12	70	.3	31	13	1175	3.24	11	<5	<2	<2	60	.3	<2	<2	84	.99	.100	15	36	.48	357	.14	7	3.06	.02	.16	2	2
3457	1	75	6	61	.2	26	14	640	3.93	6	6	<2	<2	68	.2	2	<2	96	1.00	.041	9	32	.75	176	.15	9	3.44	.03	.18	1	2
3458	1	59	8	69	.1	27	14	890	4.13	9	<5	<2	<2	47	<.2	3	2	106	.74	.034	11	43	.78	218	.16	7	2.48	.02	.29	<1	2
3459	<1	99	9	60	.2	33	15	630	4.51	11	<5	<2	<2	52	.2	2	<2	119	1.06	.046	12	51	.88	186	.16	11	2.21	.03	.34	1	12
3460	1	72	5	69	.1	26	13	759	4.17	8	<5	<2	2	47	<.2	4	<2	116	.78	.034	15	44	.46	190	.16	9	2.04	.02	.34	1	3
3461	1	66	8	104	.1	34	14	666	3.97	14	<5	<2	<2	32	.3	3	<2	102	.56	.130	7	44	.70	180	.15	8	3.12	.01	.16	2	1
3462	1	84	12	73	.1	39	15	779	4.36	11	<5	<2	<2	44	<.2	3	<2	120	.69	.060	13	56	.79	176	.18	7	2.68	.02	.27	2	3
3463	1	91	10	94	.2	28	19	1321	3.78	10	<5	<2	2	61	.2	3	2	89	.90	.068	13	34	.85	327	.14	10	2.63	.02	.48	1	3
3464	<1	69	7	80	<.1	28	13	579	4.27	8	<5	<2	<2	45	.2	4	<2	105	.72	.037	8	47	.58	147	.17	14	2.13	.03	.38	2	4
3465	<1	38	11	72	<.1	19	9	560	3.28	3	<5	<2	<2	51	<.2	<2	<2	69	.60	.026	6	32	.38	179	.13	12	2.02	.02	.33	1	<1
3466	<1	70	9	55	.1	28	13	511	4.27	7	<5	<2	<2	47	<.2	4	<2	124	.83	.038	10	44	.66	190	.16	8	1.86	.03	.13	1	6
3467	<1	68	9	56	.2	25	12	627	4.33	4	<5	<2	<2	48	<.2	3	<2	122	.76	.028	8	46	.51	158	.17	11	1.79	.03	.25	1	5
3468	<1	35	7	78	<.1	17	9	668	3.28	2	<5	<2	2	56	<.2	3	<2	71	.69	.031	6	33	.35	182	.13	12	1.80	.02	.29	3	2
3469	<1	39	7	61	.1	23	10	363	3.80	5	<5	<2	3	58	.2	2	<2	90	.54	.020	9	41	.44	136	.17	10	2.31	.03	.29	<1	1
3470	<1	71	8	63	<.1	28	13	627	4.44	3	<5	<2	<2	54	<.2	2	<2	111	.80	.023	12	48	.88	184	.18	9	2.17	.03	.29	1	3
3471	1	79	8	80	.1	28	14	883	4.63	10	<5	<2	2	50	.2	2	<2	114	.95	.068	12	41	.53	350	.16	11	2.76	.02	.38	2	10
RE 3472	<1	62	9	63	.1	29	13	560	4.16	6	<5	<2	<2	57	.2	<2	<2	113	.83	.034	10	46	.63	192	.17	9	1.95	.03	.24	1	3
3472	<1	65	10	59	.1	27	12	550	4.00	8	<5	<2	<2	55	<.2	3	<2	111	.80	.032	10	43	.59	185	.16	8	1.87	.03	.22	<1	2
3473	<1	85	9	91	.3	23	18	864	4.89	39	<5	<2	<2	47	.2	6	<2	100	1.00	.066	9	32	.85	309	.08	14	1.75	.02	.48	<1	110
3474	<1	36	7	50	.1	21	10	345	3.22	10	<5	<2	2	80	.2	2	<2	70	.50	.024	6	35	.48	161	.13	10	1.96	.02	.29	<1	6
3475	<1	44	7	68	.1	20	11	679	3.58	4	<5	<2	<2	39	.2	2	2	86	.62	.031	9	36	.44	224	.15	9	2.09	.02	.24	<1	23
3476	<1	57	10	88	.1	13	12	1077	3.73	11	<5	<2	<2	34	<.2	3	<2	58	.71	.032	13	16	.80	566	.07	10	2.04	.02	.40	<1	8
3477	<1	85	9	73	.1	23	12	848	3.77	5	<5	<2	<2	37	<.2	4	2	84	.77	.042	15	32	.81	302	.13	20	2.50	.02	.50	<1	2
3823	1	52	11	78	.1	23	12	1079	3.53	11	<5	<2	<2	54	<.2	4	<2	87	.70	.031	12	35	.43	283	.15	9	2.38	.02	.30	<1	2
3824	1	81	11	82	.1	27	15	1296	4.02	16	<5	<2	2	51	.2	4	<2	97	.82	.049	11	34	.95	356	.15	8	3.35	.02	.39	1	2
3825	1	80	12	71	.1	26	13	817	4.17	10	<5	<2	2	44	<.2	2	<2	103	.72	.030	11	43	.78	257	.15	9	2.32	.03	.34	1	4
3826	<1	49	8	54	<.1	21	11	562	3.29	7	<5	<2	<2	90	<.2	2	<2	82	.64	.030	8	33	1.04	153	.14	10	1.84	.03	.24	1	3
STANDARD C/AU-S	20	63	42	127	7.1	72	31	1051	3.96	42	24	6	37	51	19.0	14	19	62	.49	.094	40	57	.93	184	.08	32	1.88	.07	.16	13	46

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.

- SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 20 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 3 1994 DATE REPORT MAILED: Nov 10/94 SIGNED BY: C. Payne D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ACME ANALYTICAL



ACME ANALYTICAL

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
3827	1	82	7	98	.1	29	13	861	4.46	11	<5	<2	2	55	<.2	2	<2	112	.92	.046	12	45	.83	240	.17	8	2.32	.03	.37	<1	33
3828	1	32	4	57	.1	14	9	459	3.43	4	<5	<2	2	85	<.2	2	<2	73	.65	.015	8	29	.38	235	.13	7	1.96	.03	.28	<1	2
3829	<1	50	5	91	<.1	27	12	716	4.14	9	5	<2	<2	51	<.2	3	<2	112	.69	.056	10	50	.50	225	.15	7	2.39	.02	.21	<1	4
3830	<1	51	6	94	.1	28	12	718	3.93	6	<5	<2	<2	61	<.2	<2	<2	97	.84	.037	10	46	.52	225	.16	9	2.00	.03	.49	<1	1
3831	1	53	7	77	<.1	32	12	698	4.00	5	<5	<2	<2	67	<.2	2	<2	96	.71	.029	12	48	.81	173	.16	7	2.11	.03	.39	<1	3
3832	<1	76	6	117	.5	24	15	1438	4.04	74	<5	<2	<2	76	<.2	2	<2	91	1.30	.055	11	32	.53	425	.13	7	2.54	.03	.31	<1	310
3833	<1	47	7	71	.2	24	11	598	4.08	5	<5	<2	3	62	<.2	<2	<2	96	.72	.030	9	43	.49	163	.17	10	2.16	.03	.39	2	8
3834	<1	40	3	59	<.1	21	11	605	4.01	2	5	<2	2	62	<.2	3	<2	100	.61	.020	8	44	.50	146	.17	6	2.01	.03	.31	1	2
3835	<1	57	<2	38	.1	20	5	406	1.32	5	6	<2	3	1830	.3	<2	2	33	8.42	.052	8	15	12.13	187	.04	55	1.35	.07	.10	<1	2
3836	1	74	9	67	.1	33	14	813	4.44	8	<5	<2	<2	107	<.2	2	<2	118	1.10	.035	12	49	1.04	212	.18	8	2.31	.04	.25	1	4
3837	<1	69	2	93	<.1	33	16	1236	4.58	7	8	<2	2	78	<.2	<2	<2	122	1.07	.046	13	50	.96	272	.17	9	2.38	.03	.38	1	2
3838	1	64	4	86	.1	20	12	652	4.35	5	<5	<2	2	49	<.2	2	<2	82	.77	.034	12	31	.59	251	.12	8	2.15	.03	.48	<1	1
3839	1	57	3	81	.1	26	12	692	4.40	9	<5	<2	2	46	<.2	<2	<2	94	.79	.041	14	40	.83	265	.16	10	2.48	.03	.52	<1	4
3840	<1	76	8	96	.1	28	17	1248	4.59	7	<5	<2	2	45	<.2	2	<2	103	.87	.029	12	47	1.01	463	.15	7	2.48	.02	.51	1	10
3841	1	107	7	103	.4	26	26	1002	5.68	98	<5	<2	2	40	<.2	6	<2	116	1.28	.061	10	28	.92	498	.04	6	2.18	.01	.55	2	69
RE 3843	<1	92	7	73	.2	26	16	797	5.06	7	<5	<2	2	43	<.2	2	<2	119	.79	.031	10	40	.93	239	.13	5	2.38	.03	.39	1	5
3842	<1	85	7	87	.1	29	17	769	5.13	13	<5	<2	2	41	<.2	<2	<2	119	.79	.049	11	45	.91	324	.12	3	2.48	.02	.38	<1	14
3843	<1	96	6	76	.2	28	17	823	5.28	9	6	<2	3	46	<.2	2	<2	124	.82	.033	10	43	.96	248	.14	8	2.49	.03	.42	1	4
3844	1	74	8	89	.1	34	15	1005	4.78	6	<5	<2	<2	49	<.2	<2	<2	121	.89	.031	11	53	.94	214	.17	9	2.30	.03	.36	<1	3
4002	1	53	5	77	.1	36	13	800	4.73	3	<5	<2	2	48	<.2	2	<2	122	.66	.025	9	53	.58	252	.16	5	2.20	.03	.32	1	3
4003	<1	84	6	69	.1	48	14	506	5.08	2	5	<2	2	66	<.2	<2	<2	129	.86	.045	14	55	1.02	272	.16	6	2.69	.03	.28	1	6
4004	<1	59	4	69	.1	26	10	677	2.40	2	<5	<2	<2	737	<.2	<2	<2	42	3.34	.073	9	36	8.18	331	.07	36	2.27	.05	.24	<1	2
4005	<1	42	8	63	<.1	28	12	869	4.07	<2	<5	<2	<2	64	<.2	2	<2	112	.69	.029	8	49	.47	233	.15	7	1.74	.03	.30	2	26
4006	<1	37	5	84	<.1	26	10	697	3.87	2	<5	<2	<2	51	<.2	2	<2	105	.60	.041	7	48	.43	236	.16	7	1.79	.03	.39	<1	15
4007	1	39	7	97	<.1	31	11	737	4.16	5	<5	<2	<2	41	<.2	3	<2	94	.62	.031	8	54	.45	280	.14	6	2.04	.03	.37	<1	20
4008	<1	43	8	74	.1	36	13	761	4.24	5	<5	<2	2	44	<.2	3	<2	115	.67	.027	10	56	.45	262	.15	3	1.85	.03	.30	2	9
4009	<1	50	11	105	.1	52	12	648	4.27	6	<5	<2	<2	45	<.2	5	<2	85	.59	.029	8	59	.58	286	.12	9	2.25	.03	.50	1	20
4010	<1	44	9	111	.1	41	12	839	3.91	4	<5	<2	<2	48	<.2	5	<2	91	.74	.053	9	56	.45	304	.14	13	1.95	.03	.49	<1	17
4011	<1	57	9	91	.2	71	16	714	5.16	5	<5	<2	<2	63	.2	5	2	103	.67	.044	9	74	.96	367	.10	6	1.90	.02	.50	1	24
4012	<1	41	7	90	<.1	150	16	508	4.38	7	<5	<2	<2	47	<.2	5	<2	74	.65	.036	7	99	.65	218	.11	9	2.04	.02	.49	2	6
4013	<1	98	10	106	.1	53	18	784	5.49	14	<5	<2	<2	45	<.2	7	<2	112	.85	.056	12	37	.89	505	.07	10	2.46	.02	.57	2	40
4014	<1	70	6	87	.1	28	14	684	4.77	6	<5	<2	<2	50	<.2	5	<2	99	.82	.033	12	37	.50	348	.12	5	2.13	.02	.49	<1	23
4015	<1	68	8	106	.2	30	13	462	5.04	5	<5	<2	<2	52	<.2	6	<2	98	.73	.059	13	36	.51	740	.08	10	2.06	.02	.64	<1	20
4016	<1	53	7	78	.1	29	15	923	4.38	3	<5	<2	<2	60	<.2	6	<2	90	.71	.032	10	36	.85	310	.09	10	1.97	.02	.53	<1	8
4017	<1	66	6	84	.2	19	13	787	4.49	9	<5	<2	2	48	.2	7	<2	93	.71	.043	12	29	.42	400	.09	6	1.81	.02	.48	1	15
STANDARD C/AU-S	19	63	38	125	6.8	68	31	1053	3.96	41	23	5	35	52	17.0	14	17	61	.49	.092	40	58	.92	183	.08	33	1.88	.06	.16	13	47

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4018	1	50	5	95	.1	16	13	716	4.97	6	<5	<2	<2	35	.2	6	2	105	.61	.038	15	22	.45	400	.07	9	1.88	.02	.38	<1	8
4019	<1	58	6	88	.1	16	13	751	4.59	5	<5	<2	<2	43	.2	7	<2	95	.73	.054	11	26	.40	561	.09	10	1.86	.02	.50	<1	6
4020	1	85	10	103	.1	21	15	839	5.30	5	<5	<2	<2	39	<.2	6	<2	115	.72	.054	11	28	.46	379	.09	14	2.32	.02	.62	1	7
4021	1	61	7	99	<.1	23	14	746	4.12	9	<5	<2	2	48	<.2	4	<2	99	.78	.057	11	32	.47	409	.14	5	3.23	.02	.18	<1	1
4022	1	61	5	86	.1	15	12	457	4.66	5	<5	<2	<2	32	<.2	5	<2	124	.55	.040	11	30	.40	244	.12	9	1.65	.02	.29	<1	6
4023	<1	48	6	49	<.1	12	10	506	2.91	<2	<5	<2	<2	92	.3	3	<2	39	2.80	.040	8	12	.43	561	.04	13	1.63	.03	.27	2	6
4024	<1	33	6	77	.2	13	10	449	3.58	3	<5	<2	2	33	<.2	6	<2	87	.58	.032	7	22	.30	329	.08	7	1.83	.02	.17	<1	1
4025	1	95	9	91	.2	17	19	746	6.52	6	<5	<2	<2	43	<.2	4	2	123	.86	.076	11	19	.44	1005	.02	8	2.09	.01	.57	1	19
4026	1	38	9	98	.1	24	12	524	4.83	13	<5	<2	<2	46	<.2	7	2	81	.97	.065	13	28	.38	728	.10	7	2.67	.02	.34	<1	19
4027	1	45	5	74	.2	19	12	641	4.54	4	<5	<2	<2	41	<.2	5	2	114	.75	.055	13	32	.41	343	.13	12	2.31	.02	.34	<1	2
4028	1	110	4	106	.2	17	18	673	6.52	6	<5	<2	<2	49	<.2	17	4	101	1.21	.123	6	16	.53	1042	.02	12	1.82	.01	.63	1	11
4029	1	69	7	87	.1	32	16	793	5.02	7	<5	<2	2	50	<.2	3	<2	118	.77	.045	15	49	.82	343	.14	11	2.48	.03	.54	<1	4
4030	1	65	2	82	.1	25	14	682	5.04	3	<5	<2	<2	46	<.2	5	<2	118	.82	.033	11	45	.48	353	.14	7	2.25	.03	.34	1	2
RE 4037	<1	38	2	62	<.1	21	11	573	3.39	3	<5	<2	<2	164	<.2	3	<2	75	1.63	.031	10	31	1.20	222	.13	15	2.08	.05	.30	<1	2
4031	1	50	5	76	.1	27	15	712	4.78	6	<5	<2	2	43	.2	3	<2	124	.64	.033	13	47	.49	270	.17	7	2.75	.03	.28	2	1
4032	1	85	6	73	.2	19	14	876	5.02	4	<5	<2	<2	50	<.2	4	<2	116	.79	.047	13	31	.79	447	.10	12	2.42	.02	.50	<1	2
4033	1	80	9	108	.1	20	14	685	5.18	9	<5	<2	2	61	<.2	3	2	92	.91	.045	9	29	.44	882	.11	12	2.49	.03	.56	<1	15
4034	1	103	6	78	.2	19	12	396	4.92	6	<5	<2	<2	50	<.2	2	2	106	.89	.060	13	29	.38	264	.08	7	2.46	.02	.35	1	8
4035	<1	50	2	99	.1	13	11	768	3.76	<2	<5	<2	<2	44	<.2	4	<2	89	.63	.029	11	26	.38	332	.09	9	2.08	.02	.34	1	1
4036	1	52	8	99	.1	19	11	733	4.26	2	<5	<2	<2	53	<.2	3	<2	98	.62	.038	10	34	.44	344	.13	10	2.31	.03	.43	<1	1
4037	<1	35	6	58	<.1	19	10	546	3.21	4	<5	<2	<2	159	.2	2	<2	70	1.59	.029	8	30	1.16	211	.12	15	1.97	.05	.29	<1	1
4038	<1	28	4	30	.1	17	8	415	1.88	2	<5	<2	4	1651	.2	<2	<2	31	13.54	.045	9	16	6.45	375	.05	35	1.13	.05	.20	<1	<1
4039	<1	14	<2	21	<.1	11	7	279	1.20	2	<5	<2	3	2755	.3	<2	<2	17	15.84	.047	6	10	7.33	357	.03	37	.58	.09	.10	<1	<1
4040	<1	80	4	61	<.1	11	18	633	3.69	9	<5	<2	<2	352	.2	4	<2	72	2.93	.137	4	11	2.49	303	.01	43	.80	.03	.39	<1	1
4041	1	32	7	62	<.1	19	12	819	3.71	2	<5	<2	<2	65	<.2	<2	<2	96	.81	.030	7	44	.51	191	.17	8	1.98	.04	.20	1	5
4042	<1	64	8	80	.2	30	16	950	5.01	4	<5	<2	2	71	<.2	2	<2	121	1.05	.044	13	50	.96	263	.16	6	3.00	.04	.20	<1	1
4043	1	49	5	81	<.1	24	14	1075	3.68	8	<5	<2	<2	54	.3	<2	<2	92	.70	.046	11	34	.53	330	.17	5	3.99	.03	.13	<1	<1
4044	<1	58	3	112	.1	19	12	1202	3.15	8	<5	<2	<2	54	.2	<2	<2	85	.93	.146	7	25	.76	510	.13	13	2.61	.03	.17	<1	2
4045	<1	26	<2	48	.2	15	9	342	2.65	<2	<5	<2	<2	64	<.2	3	<2	69	1.07	.030	4	33	.62	109	.15	11	1.58	.04	.21	1	1
4046	1	56	2	68	.2	25	13	696	4.58	3	<5	<2	<2	50	<.2	2	<2	120	.86	.041	8	49	.84	160	.16	7	2.24	.03	.23	<1	1
4047	<1	65	5	78	.1	28	15	814	5.00	2	<5	<2	<2	48	<.2	3	<2	135	.86	.038	8	54	.91	196	.16	9	2.44	.03	.29	1	2
4048	1	40	<2	58	.1	21	12	475	3.97	2	<5	<2	2	46	<.2	<2	<2	103	.67	.025	7	48	.59	122	.18	8	2.03	.04	.29	<1	1
4049	1	31	4	52	.1	16	11	343	3.22	2	<5	<2	<2	45	<.2	3	<2	85	.50	.028	4	39	.47	105	.18	5	1.70	.05	.16	2	1
4050	1	27	6	55	<.1	15	8	412	2.94	<2	<5	<2	<2	40	<.2	2	<2	74	.51	.036	4	35	.35	115	.16	8	1.67	.04	.23	<1	<1
4051	1	40	3	73	<.1	23	11	429	4.08	<2	<5	<2	<2	46	<.2	2	<2	107	.69	.063	7	50	.47	167	.18	9	2.23	.04	.23	<1	<1
STANDARD C/AU-S	19	60	38	125	6.9	70	33	1047	3.96	40	18	6	35	52	18.0	14	19	61	.49	.092	42	57	.93	183	.08	33	1.88	.06	.16	12	51

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4052	1	32	12	78	<.1	22	10	536	3.34	6	<5	<2	2	37	<.2	<2	<2	78	.58	.045	6	38	.37	149	.16	6	2.10	.03	.22	1	<1
4053	<1	48	5	80	.1	25	11	478	3.91	7	<5	<2	2	43	.2	<2	<2	88	.71	.042	7	42	.45	168	.16	13	2.61	.03	.38	1	<1
4054	1	82	8	110	.2	28	15	617	4.21	6	<5	<2	2	59	.4	<2	<2	98	1.05	.061	13	42	.80	213	.17	7	3.49	.02	.31	<1	<1
4055	1	48	8	75	<.1	22	13	736	3.91	5	<5	<2	2	40	.3	<2	<2	107	.73	.040	7	39	.48	248	.17	10	2.77	.02	.24	2	<1
4056	<1	49	7	57	.1	12	8	318	3.39	5	<5	<2	2	70	<.2	<2	<2	112	.54	.044	4	25	.45	159	.12	9	2.06	.02	.19	<1	<1
4057	<1	58	9	123	.1	15	11	480	4.14	12	<5	<2	<2	35	.2	2	<2	94	.70	.049	14	21	.28	497	.07	5	1.81	.02	.22	1	25
4058	<1	134	8	98	.2	23	15	620	5.44	16	<5	<2	2	41	<.2	12	<2	116	.79	.072	10	32	.41	510	.09	10	2.07	.02	.51	1	66
4059	<1	24	5	76	.1	18	10	544	3.19	5	<5	<2	2	31	<.2	2	<2	78	.53	.053	6	26	.31	291	.11	6	2.24	.02	.22	<1	2
4060	<1	38	6	90	<.1	18	10	509	3.74	7	<5	<2	2	28	.2	3	<2	96	.48	.026	8	29	.34	348	.13	6	2.12	.02	.19	1	1
4061	1	40	6	70	<.1	19	12	598	3.59	4	<5	<2	2	28	.2	2	<2	89	.46	.029	6	27	.37	217	.14	6	2.44	.02	.23	1	1
4062	<1	62	9	87	.1	24	13	941	4.19	7	<5	<2	3	36	<.2	<2	<2	104	.76	.036	12	36	.45	284	.16	7	2.92	.02	.30	<1	<1
4063	<1	63	5	73	.1	16	11	463	4.72	7	<5	<2	<2	25	<.2	10	<2	123	.49	.040	7	20	.31	474	.07	8	1.45	.02	.29	<1	1
4064	<1	53	2	88	.1	15	11	484	4.67	3	<5	<2	<2	30	<.2	2	<2	99	.62	.037	10	18	.46	495	.07	7	2.14	.02	.41	<1	1
4065	1	29	25	107	.1	15	10	1378	3.29	30	<5	<2	<2	37	.4	3	<2	80	.48	.025	8	22	.28	428	.11	7	1.70	.02	.25	<1	4
RE 4072	<1	43	4	63	.1	19	12	705	3.40	6	<5	<2	<2	147	.2	<2	<2	76	.60	.021	6	33	1.51	179	.12	16	2.08	.04	.33	<1	1
4066	<1	18	28	75	<.1	11	9	350	2.93	11	<5	<2	2	69	.2	2	<2	53	.61	.016	10	20	.43	276	.11	11	2.21	.02	.27	<1	2
4067	<1	13	22	46	<.1	10	5	439	1.26	8	<5	<2	3	514	.5	<2	<2	17	8.51	.048	6	9	1.67	395	.04	19	.95	.03	.17	<1	<1
4068	1	79	10	76	<.1	19	14	821	4.48	9	<5	<2	<2	64	<.2	2	<2	91	.93	.039	18	25	.47	632	.10	10	2.43	.02	.37	<1	2
4069	1	68	9	90	.2	14	12	718	4.48	9	<5	<2	<2	39	<.2	<2	2	77	.69	.035	13	20	.43	476	.08	10	2.18	.02	.56	<1	3
4070	<1	46	9	120	.2	11	10	490	4.18	7	<5	<2	<2	61	<.2	5	<2	60	.70	.055	9	19	.34	424	.06	13	1.79	.02	.53	<1	6
4071	<1	28	12	44	.1	10	8	288	3.19	6	<5	<2	<2	53	<.2	4	<2	56	.40	.014	6	18	.31	193	.08	11	1.51	.02	.37	1	2
4072	<1	44	6	64	.1	20	12	726	3.50	5	<5	<2	<2	151	<.2	<2	<2	78	.62	.022	6	33	1.53	185	.13	16	2.15	.04	.34	<1	1
4073	<1	54	7	100	.1	27	13	762	4.33	6	<5	<2	<2	54	<.2	2	<2	97	.73	.048	10	42	.48	337	.15	14	2.62	.03	.47	2	2
4074	1	44	8	112	.1	17	11	645	3.97	3	<5	<2	2	39	<.2	<2	<2	93	.65	.033	8	28	.40	512	.09	9	2.06	.02	.33	<1	<1
4075	<1	66	7	85	.1	26	15	942	4.96	5	<5	<2	2	44	<.2	<2	<2	140	.89	.035	10	43	.69	518	.13	10	2.22	.02	.39	<1	1
4076	<1	114	4	100	.3	21	21	1475	5.04	8	<5	<2	<2	43	.2	<2	<2	162	1.21	.062	10	25	1.72	677	.18	9	3.22	.02	.33	<1	1
4077	<1	38	5	100	<.1	14	12	793	4.02	2	<5	<2	<2	25	<.2	<2	<2	125	.48	.029	7	20	.37	398	.09	6	1.79	.02	.33	<1	<1
4078	<1	71	5	79	.2	17	16	705	5.63	6	<5	<2	<2	24	<.2	<2	<2	178	.54	.043	10	25	.86	461	.05	7	2.10	.01	.31	<1	<1
4079	<1	58	11	97	.1	22	17	1102	5.07	8	<5	<2	<2	36	<.2	<2	<2	152	.58	.031	11	34	.85	366	.10	7	2.09	.02	.38	<1	1
4080	<1	46	4	59	.1	20	12	340	4.52	2	<5	<2	<2	26	<.2	<2	<2	129	.41	.020	9	31	.45	290	.08	8	1.74	.02	.32	<1	<1
4081	<1	45	8	98	.1	16	12	637	3.88	10	<5	<2	<2	77	<.2	<2	<2	114	.95	.076	4	19	.55	172	.17	13	3.19	.02	.19	<1	<1
4082	<1	50	6	76	.1	22	12	652	3.97	3	<5	<2	<2	70	<.2	<2	<2	107	.83	.034	8	29	.58	174	.16	10	2.65	.02	.25	<1	1
4083	<1	45	5	58	<.1	20	10	372	3.30	4	<5	<2	<2	80	<.2	<2	<2	73	.62	.030	8	27	.51	304	.13	10	2.98	.03	.18	<1	<1
4084	<1	70	7	70	.1	36	15	830	4.22	7	<5	<2	<2	63	<.2	<2	<2	120	.79	.043	15	51	.67	235	.15	8	2.20	.02	.21	<1	3
4085	<1	74	2	76	.1	17	15	655	4.56	6	<5	<2	<2	79	<.2	<2	<2	144	1.05	.040	5	22	1.12	177	.23	7	3.91	.02	.18	<1	<1
STANDARD C/AU-S	19	62	38	125	7.1	75	31	1047	3.96	42	20	5	36	52	19.0	14	19	62	.49	.093	40	59	.93	183	.08	34	1.88	.06	.16	12	45

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4086	<1	67	6	108	.2	20	16	1066	4.34	9	<5	<2	4	83	.2	<2	<2	141	1.05	.102	9	19	1.41	288	.19	<2	3.87	.02	.14	2	1
4087	<1	27	6	85	<.1	14	9	866	3.06	3	<5	<2	<2	37	<.2	<2	<2	75	.42	.025	5	23	.32	291	.10	4	1.42	.02	.27	<1	<1
4088	<1	42	4	81	<.1	16	12	913	4.29	<2	<5	<2	3	35	.2	<2	<2	91	.63	.033	11	24	.48	416	.10	<2	2.25	.02	.46	<1	2
4089	<1	64	3	69	<.1	19	11	477	4.51	5	<5	<2	2	36	<.2	<2	<2	117	.67	.043	12	27	.45	308	.12	<2	2.19	.02	.39	<1	1
4090	<1	75	7	64	<.1	23	16	740	4.52	7	<5	<2	4	58	.3	<2	<2	134	.90	.035	13	34	.94	254	.18	<2	3.23	.02	.21	<1	2
4091	<1	58	<2	61	.1	21	12	572	3.58	5	<5	<2	3	50	.2	<2	<2	97	.73	.041	7	23	.86	284	.16	2	3.52	.02	.28	<1	1
4092	<1	42	5	98	<.1	13	10	578	3.73	4	<5	<2	3	39	<.2	<2	<2	95	.89	.044	8	18	.47	361	.09	<2	2.39	.02	.22	<1	2
4093	<1	48	11	80	<.1	22	15	985	4.19	6	<5	<2	3	42	<.2	<2	<2	113	.68	.035	11	35	.47	267	.15	<2	2.45	.02	.23	<1	1
4094	<1	51	4	105	.1	22	11	1122	3.53	5	<5	<2	2	57	<.2	<2	<2	85	.73	.041	10	33	.42	291	.12	11	1.94	.02	.43	1	2
RE 4094	<1	53	5	110	.2	23	12	1169	3.74	2	<5	<2	2	61	<.2	<2	<2	88	.78	.043	9	35	.45	310	.13	11	2.04	.02	.46	<1	2
4095	<1	22	3	40	.1	10	7	214	2.69	4	<5	<2	2	41	<.2	<2	<2	80	.30	.019	2	25	.28	79	.14	4	1.14	.03	.16	1	1
4096	1	53	8	83	.2	28	15	1158	3.96	4	<5	<2	2	78	.3	<2	<2	97	.79	.028	10	44	.84	350	.14	<2	2.63	.03	.37	<1	7
4097	<1	27	5	40	<.1	12	10	275	3.34	3	<5	<2	2	70	<.2	<2	<2	58	.59	.012	3	22	.36	127	.13	7	2.08	.02	.37	<1	1
4098	<1	103	11	96	.2	27	16	1274	4.43	8	<5	<2	4	64	.4	2	<2	94	1.04	.043	14	38	.54	448	.13	7	2.83	.02	.51	<1	3
4099	<1	66	8	72	<.1	20	12	604	4.58	8	<5	<2	3	41	.2	3	<2	102	.76	.044	12	29	.37	546	.11	<2	2.21	.02	.34	1	5
4100	<1	58	6	73	<.1	23	12	471	4.16	14	<5	<2	3	37	.3	2	<2	109	.63	.033	13	35	.38	305	.13	<2	1.80	.02	.22	<1	13
4101	<1	49	4	91	.1	40	14	1015	4.55	5	<5	<2	2	42	<.2	<2	<2	131	.58	.035	9	54	.51	251	.15	3	1.96	.02	.50	<1	5
4102	<1	79	9	63	<.1	50	16	629	4.76	9	<5	<2	2	62	<.2	<2	<2	141	.89	.043	11	54	1.04	234	.14	<2	2.37	.03	.30	<1	7
4103	<1	79	7	62	<.1	52	17	774	4.76	5	<5	<2	2	68	.3	<2	<2	138	1.15	.077	10	56	1.06	246	.13	9	2.10	.02	.50	<1	8
4104	<1	60	6	58	.1	42	15	612	4.12	6	<5	<2	2	64	.2	<2	<2	99	.72	.026	12	53	1.66	213	.15	2	2.21	.03	.38	<1	10
4105	<1	48	8	83	.2	34	13	776	4.03	4	<5	<2	2	48	.2	<2	<2	92	.60	.029	10	46	.51	273	.14	3	2.04	.02	.38	<1	6
4106	<1	78	5	77	<.1	35	12	421	4.72	10	<5	<2	3	51	.3	2	2	104	.96	.040	9	47	.54	306	.14	<2	2.14	.02	.36	<1	24
4107	<1	90	7	75	.1	36	14	604	4.83	10	<5	<2	3	41	<.2	<2	<2	109	.87	.060	10	47	.60	321	.12	<2	1.98	.02	.43	<1	84
4108	<1	86	7	82	.1	53	16	609	5.11	15	<5	<2	2	39	.2	3	<2	108	.80	.081	11	56	.67	354	.11	6	2.24	.02	.57	2	80
4109	<1	63	14	75	.1	100	17	659	4.68	11	<5	<2	2	41	.2	2	<2	97	.66	.037	9	98	.96	285	.11	<2	2.06	.02	.46	<1	58
4110	<1	56	7	67	<.1	188	22	661	4.75	10	<5	<2	<2	53	<.2	5	<2	92	.67	.040	10	179	1.52	412	.09	2	2.39	.02	.42	<1	49
4111	<1	71	2	74	<.1	722	51	610	5.89	18	<5	<2	2	69	.2	<2	2	118	.78	.041	5	745	5.45	288	.04	<2	3.97	.01	.38	<1	15
4112	<1	37	7	83	<.1	32	10	465	3.42	4	<5	<2	2	35	<.2	<2	<2	68	.37	.025	7	43	.40	310	.10	2	1.77	.02	.30	<1	27
4113	<1	66	8	110	.1	23	13	544	4.68	9	<5	<2	<2	38	<.2	<2	2	71	.58	.036	9	29	.44	356	.06	2	1.91	.02	.65	<1	10
4114	<1	108	5	98	<.1	25	15	463	5.59	13	<5	<2	<2	38	<.2	4	<2	87	.82	.051	10	26	.50	419	.04	<2	2.02	.01	.70	1	89
4115	<1	79	9	84	<.1	23	16	885	4.97	12	<5	<2	2	32	.2	<2	3	107	.67	.057	10	27	.45	503	.06	3	1.78	.01	.54	<1	22
4116	<1	87	6	65	<.1	19	17	709	5.20	5	<5	<2	2	33	<.2	4	<2	74	.87	.075	9	15	.39	627	.03	<2	1.90	.01	.39	2	12
4117	<1	77	<2	85	.1	20	14	628	4.68	11	<5	<2	<2	35	<.2	4	<2	94	.65	.044	12	24	.41	436	.08	<2	2.00	.02	.40	2	28
4118	<1	38	7	55	.3	17	13	427	4.22	5	<5	<2	3	58	<.2	2	<2	56	.63	.014	11	25	.87	175	.10	6	2.37	.02	.44	1	16
4119	<1	62	8	74	.1	28	13	765	3.96	<2	<5	<2	3	46	<.2	<2	<2	84	.66	.030	11	42	.48	223	.15	4	1.97	.03	.51	<1	7
STANDARD C/AU-S	19	62	38	126	7.2	72	31	1052	3.96	43	17	5	37	53	17.0	14	19	62	.49	.093	40	54	.92	183	.08	35	1.88	.07	.16	12	46

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4120	1	94	11	75	.1	17	15	852	4.69	10	<5	<2	2	30	<.2	30	<2	98	.54	.061	10	21	.24	507	.05	11	1.12	.01	.27	<1	41
RE 4139	1	82	6	59	.2	34	13	492	4.59	11	<5	<2	2	76	<.2	3	<2	121	1.64	.092	10	43	1.04	429	.11	11	1.93	.03	.24	2	14
4121	1	140	8	63	.2	14	16	657	6.00	5	<5	<2	<2	57	<.2	12	<2	175	.94	.106	20	19	.54	530	.03	10	2.00	.01	.38	<1	13
4122	<1	45	5	30	<.1	12	5	360	1.27	2	<5	<2	2	414	.2	2	<2	20	10.59	.065	7	10	1.87	517	.03	16	.91	.04	.17	1	1
4123	<1	42	7	45	.1	16	9	590	2.03	4	<5	<2	3	429	.3	3	<2	33	11.15	.093	8	12	2.08	451	.03	24	.95	.03	.23	<1	1
4124	1	48	6	74	.1	13	12	400	4.60	<2	<5	<2	<2	56	<.2	6	<2	72	1.03	.043	12	17	.37	467	.04	10	1.71	.01	.34	2	2
4125	1	58	8	69	.1	20	12	434	3.87	5	<5	<2	<2	47	<.2	6	<2	75	.73	.032	13	27	.50	368	.10	6	2.42	.02	.23	<1	2
4126	1	51	4	50	.1	21	12	464	3.66	5	<5	<2	2	38	<.2	5	<2	90	.68	.041	11	35	.39	279	.13	8	1.77	.03	.28	1	3
4127	1	47	5	64	<.1	20	10	435	3.89	4	<5	<2	2	36	<.2	5	<2	100	.55	.025	11	38	.39	261	.14	8	1.66	.02	.26	<1	1
4128	1	92	4	71	.1	26	15	650	5.07	8	<5	<2	2	49	<.2	6	<2	119	1.03	.062	14	41	.53	386	.10	14	2.17	.02	.38	2	19
4129	1	56	7	63	.1	22	15	745	4.31	<2	<5	<2	<2	44	<.2	4	<2	111	.79	.029	17	37	.51	301	.14	8	2.23	.02	.28	2	2
4130	<1	52	6	83	<.1	21	13	488	4.20	<2	<5	<2	2	61	<.2	4	<2	71	.65	.019	8	28	1.05	255	.10	13	2.57	.03	.30	<1	4
4131	1	51	6	69	.1	23	13	756	3.95	3	<5	<2	2	33	<.2	4	<2	100	.69	.053	11	34	.40	501	.11	9	2.80	.02	.21	<1	2
4132	1	53	7	54	<.1	17	10	282	3.90	6	<5	<2	2	29	<.2	5	<2	99	.49	.029	8	32	.34	229	.12	8	1.78	.02	.19	<1	1
4133	1	62	8	64	.1	16	10	406	3.96	5	<5	<2	2	28	<.2	4	<2	93	.51	.030	8	28	.29	282	.10	8	1.51	.02	.24	2	1
4134	1	57	8	71	.2	27	16	1302	4.01	4	<5	<2	3	33	.2	<2	<2	100	.55	.027	14	40	.44	330	.14	7	2.70	.02	.23	<1	2
4135	1	94	7	94	.1	29	18	1971	4.00	7	<5	<2	3	44	.2	<2	2	103	.82	.198	13	39	1.65	384	.16	6	3.32	.02	.18	<1	2
4136	<1	128	5	32	.5	12	12	730	3.31	7	<5	<2	<2	41	<.2	<2	<2	96	2.27	.167	8	10	.37	293	<.01	7	1.62	.01	.24	2	9
4137	<1	99	8	101	.1	26	13	1108	4.35	5	<5	<2	<2	64	<.2	3	<2	76	1.13	.078	14	30	.50	540	.07	23	2.26	.02	.80	<1	2
4138	1	134	8	59	.2	24	15	723	5.15	14	<5	<2	<2	122	<.2	9	<2	106	1.46	.080	10	28	.47	1390	.04	12	1.58	.01	.32	<1	64
4139	1	86	8	60	.2	35	14	511	4.73	12	<5	<2	<2	78	<.2	3	<2	126	1.73	.099	10	45	1.08	440	.12	12	1.95	.03	.25	3	23
4140	<1	98	8	64	.2	23	15	519	5.66	2	<5	<2	2	35	<.2	3	<2	115	.77	.065	14	33	.47	622	.05	9	2.15	.01	.37	<1	7
4141	1	104	10	100	.3	23	17	915	5.25	23	<5	<2	<2	34	<.2	3	<2	99	.97	.063	12	30	.56	464	.04	10	1.94	.01	.56	<1	120
4142	1	72	7	69	.1	20	11	367	4.47	9	<5	<2	2	45	<.2	3	<2	79	.74	.049	14	32	.47	559	.09	9	2.54	.02	.34	<1	5
4143	1	50	9	65	.1	25	12	742	3.60	5	<5	<2	<2	80	.2	2	<2	87	1.17	.043	10	36	.58	318	.12	13	1.83	.03	.33	<1	7
4144	1	42	2	58	.1	25	12	594	3.67	6	<5	<2	2	46	.2	4	<2	100	.62	.028	13	42	.44	264	.14	11	1.76	.03	.26	<1	2
4145	1	53	7	73	.1	28	13	706	4.30	6	<5	<2	<2	44	<.2	2	<2	104	.67	.031	13	43	.47	329	.13	11	2.03	.02	.32	<1	2
4146	1	53	6	70	.1	29	12	594	4.11	2	<5	<2	2	42	<.2	2	<2	96	.71	.026	12	43	.49	309	.13	12	2.14	.02	.42	<1	3
4147	<1	51	3	61	.1	22	11	533	3.95	<2	<5	<2	2	32	.2	3	<2	86	.59	.038	12	34	.47	332	.12	14	2.22	.02	.57	<1	2
4148	1	75	6	65	.1	24	12	487	4.39	10	<5	<2	2	46	<.2	<2	<2	109	.74	.035	14	34	.54	491	.13	7	2.77	.02	.21	<1	4
4149	1	56	6	61	.2	17	12	428	4.21	3	<5	<2	<2	54	<.2	3	<2	111	.77	.037	10	24	.38	460	.07	13	1.33	.02	.33	<1	1
4150	1	55	3	88	.1	17	11	738	4.01	3	<5	<2	<2	47	<.2	2	<2	103	.88	.046	7	20	.46	449	.13	19	2.49	.02	.45	3	1
4151	1	70	3	131	.1	21	15	1468	3.96	13	<5	<2	<2	135	<.2	<2	<2	120	1.64	.097	6	19	1.10	487	.18	12	4.88	.03	.31	<1	1
4152	<1	63	2	75	.2	19	13	549	4.27	6	<5	<2	<2	48	<.2	3	<2	127	1.03	.040	7	22	.99	257	.18	12	3.56	.03	.22	<1	2
4153	<1	57	7	65	.1	23	11	351	4.16	4	<5	<2	<2	41	<.2	3	<2	107	.72	.023	12	43	.52	199	.16	8	2.19	.03	.23	<1	1
STANDARD C/AU-S	20	62	39	124	7.2	73	31	1063	3.99	43	19	7	36	54	17.0	14	17	62	.51	.093	40	60	.91	190	.08	33	1.82	.07	.17	11	49

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





ACME ANALYTICAL



ACME ANALYTICAL

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
4154	<1	59	6	77	<.1	27	12	520	4.57	2	<5	<2	<2	44	<.2	<2	<2	118	.75	.023	11	48	.49	201	.17	4	2.27	.03	.32	<1	1
4155	<1	57	4	61	.1	25	13	552	4.30	3	<5	<2	<2	76	<.2	<2	2	103	.77	.028	7	43	.88	187	.17	8	2.23	.03	.37	<1	2
4156	<1	50	5	49	<.1	19	8	435	2.55	<2	<5	<2	2	372	.2	<2	<2	59	3.64	.048	8	24	2.64	185	.11	24	1.71	.04	.20	<1	2
4157	<1	69	4	58	<.1	15	7	231	2.37	<2	<5	<2	<2	136	<.2	<2	<2	52	.74	.037	5	23	1.11	159	.10	17	2.00	.04	.11	<1	<1
4158	<1	65	5	59	<.1	35	13	666	3.81	2	<5	<2	<2	108	.2	<2	<2	103	1.48	.058	7	53	1.51	179	.13	18	1.91	.04	.37	<1	3
4159	<1	47	5	47	.1	32	9	445	2.17	4	<5	<2	2	985	.3	<2	<2	71	4.21	.053	7	34	10.75	279	.09	39	2.15	.07	.12	<1	1
4160	<1	56	4	47	<.1	30	11	524	2.89	6	<5	<2	3	694	.2	<2	<2	101	4.81	.079	8	31	6.82	220	.11	37	1.84	.07	.18	<1	10
4161	<1	68	2	31	.1	16	4	150	.94	2	<5	<2	8	1835	<.2	<2	<2	34	12.12	.044	10	33	15.38	310	.04	52	1.28	.05	.06	<1	<1
4162	<1	34	4	27	.1	8	2	52	.79	<2	<5	<2	<2	107	<.2	<2	<2	13	.37	.027	4	31	.94	215	.07	11	1.84	.06	.06	<1	2
4163	<1	39	4	37	.2	39	11	495	2.83	2	<5	<2	5	693	.2	<2	<2	45	5.48	.081	11	36	5.31	295	.07	36	1.72	.04	.32	<1	4
4164	1	63	4	62	<.1	240	23	445	5.46	<2	<5	<2	<2	105	<.2	<2	4	86	.85	.025	9	241	2.32	360	.10	<2	3.06	.02	.57	<1	6
4165	<1	111	6	81	<.1	110	21	672	5.36	6	<5	<2	<2	51	<.2	<2	3	117	1.01	.080	8	152	2.17	327	.10	5	2.69	.02	.53	<1	40
4166	<1	78	6	87	<.1	51	17	867	4.79	7	<5	<2	<2	50	<.2	<2	3	98	.80	.073	9	56	.86	453	.12	9	2.33	.02	.68	<1	17
4167	<1	43	5	109	<.1	74	15	1011	4.51	5	<5	<2	<2	69	<.2	<2	3	92	.87	.045	7	94	.93	466	.10	7	2.28	.02	.44	<1	4
4168	1	58	8	103	.2	31	17	1130	4.70	11	<5	<2	<2	71	.2	5	2	84	.67	.043	9	42	1.17	318	.09	3	2.09	.02	.39	<1	56
4169	<1	45	2	61	.2	24	9	680	2.18	5	<5	<2	7	636	<.2	<2	2	36	9.39	.081	10	19	6.36	356	.04	26	1.28	.06	.24	<1	3
4170	<1	52	4	56	.2	27	11	678	2.56	5	<5	<2	8	503	.3	2	2	38	11.00	.089	12	20	5.65	443	.04	23	1.40	.03	.29	<1	37
4171	<1	32	10	84	.1	14	8	713	2.91	4	<5	<2	<2	65	<.2	2	<2	53	.97	.052	4	31	.42	273	.09	11	1.40	.02	.40	<1	29
4172	<1	57	5	96	.1	35	13	557	4.46	2	5	<2	<2	50	<.2	<2	<2	80	.83	.047	11	52	.87	304	.14	7	2.56	.02	.56	<1	38
4173	<1	96	6	94	.1	31	20	1066	5.75	12	<5	<2	<2	47	<.2	<2	4	113	.87	.083	10	34	.88	382	.09	<2	2.37	.02	.61	<1	120
4174	<1	68	7	90	.1	12	13	762	5.34	8	<5	<2	<2	36	<.2	6	2	106	.74	.067	11	17	.40	458	.03	3	1.70	.01	.52	<1	5
4175	<1	68	11	100	<.1	19	17	1545	4.88	7	<5	<2	<2	56	<.2	3	<2	110	.84	.064	13	26	.43	383	.09	<2	2.44	.02	.38	<1	3
4176	<1	64	8	92	<.1	14	14	751	4.87	7	<5	<2	<2	34	<.2	3	3	110	.48	.067	11	20	.42	360	.05	<2	1.59	.01	.27	<1	6
RE 4184	<1	59	8	46	.2	22	13	595	3.24	5	<5	<2	7	453	.2	2	2	51	8.57	.055	13	18	3.74	427	.04	20	1.55	.05	.36	<1	3
4177	<1	46	4	54	.1	17	10	706	2.87	3	<5	<2	5	102	.3	3	<2	45	6.40	.056	10	15	.71	383	.05	11	1.47	.02	.31	<1	2
4178	<1	104	3	102	.1	16	16	775	4.85	10	9	<2	<2	44	<.2	7	2	81	.99	.068	8	17	.29	765	.03	3	1.46	.01	.39	<1	8
4179	1	104	6	121	.3	19	15	575	5.83	20	10	<2	<2	41	<.2	16	2	77	1.06	.059	6	20	.43	824	.05	4	1.89	.01	.77	<1	48
4180	1	64	10	106	.2	21	15	715	4.93	55	8	<2	<2	38	<.2	7	2	83	.66	.037	9	25	.40	470	.08	2	1.86	.02	.46	<1	200
4181	1	57	10	90	.1	19	14	1546	4.44	10	<5	<2	<2	33	<.2	3	<2	103	.58	.043	11	30	.33	429	.11	<2	1.75	.02	.32	1	12
4182	<1	65	7	69	.1	18	13	533	4.51	5	<5	<2	<2	38	<.2	3	<2	90	.71	.027	9	26	.44	274	.09	3	1.85	.02	.49	1	23
4183	<1	64	6	76	<.1	26	15	888	4.11	3	<5	<2	<2	40	<.2	<2	<2	99	.73	.034	15	36	.46	333	.15	<2	2.40	.02	.41	<1	3
4184	<1	57	5	46	.1	21	12	578	3.13	3	<5	<2	7	443	<.2	2	<2	50	8.21	.052	13	16	3.61	420	.04	18	1.52	.05	.35	<1	2
4185	<1	87	8	65	<.1	13	13	504	4.74	8	<5	<2	<2	42	<.2	2	2	103	.78	.067	6	14	.28	380	.02	<2	1.06	.01	.27	<1	3
4186	<1	65	8	84	<.1	17	11	526	4.25	7	<5	<2	<2	32	<.2	2	<2	89	.54	.051	7	23	.32	445	.06	3	1.69	.02	.45	<1	2
4187	<1	82	4	66	<.1	12	11	358	4.57	11	<5	<2	<2	24	<.2	9	<2	110	.39	.044	6	19	.23	441	.04	<2	1.00	.01	.31	<1	5
STANDARD C/AU-S	19	61	37	125	7.2	74	31	1032	3.96	39	23	6	36	52	19.0	14	19	61	.51	.093	39	57	.91	183	.08	32	1.88	.06	.16	13	46

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4188	<1	100	10	81	.2	18	17	925	4.80	13	7	<2	<2	29	<.2	11	<2	119	.51	.071	8	26	.35	503	.05	2	1.23	.01	.28	<1	8
4189	<1	112	13	63	.1	15	18	953	5.11	6	<5	<2	<2	41	<.2	<2	<2	118	.88	.063	11	20	1.01	824	.07	<2	3.31	.02	.35	<1	5
4190	<1	115	12	68	.2	10	16	663	5.33	6	5	<2	<2	45	<.2	<2	<2	104	.76	.078	12	12	1.01	1206	.02	3	2.55	.01	.52	<1	1
RE 4198	<1	29	6	61	<.1	15	9	719	3.19	6	<5	<2	<2	45	<.2	2	<2	82	.52	.021	4	31	.34	179	.13	11	1.46	.03	.36	<1	6
4191	<1	61	12	99	<.1	37	18	967	5.00	7	6	<2	<2	44	<.2	<2	<2	132	.63	.046	13	58	.90	287	.16	2	2.96	.02	.34	<1	17
4192	<1	48	10	86	.1	14	10	601	4.00	7	5	<2	<2	33	<.2	5	<2	95	.64	.046	9	26	.42	321	.10	4	1.92	.02	.39	<1	2
4193	<1	64	10	57	<.1	22	13	627	4.32	5	6	<2	<2	37	<.2	<2	<2	117	.61	.018	11	38	.45	247	.14	3	2.10	.03	.29	<1	<1
4194	<1	214	16	121	.2	28	27	2725	4.45	15	12	<2	<2	46	<.2	<2	<2	135	.81	.162	7	35	1.01	422	.14	2	2.61	.02	.15	<1	4
4195	1	97	11	71	<.1	21	15	1019	4.75	11	<5	<2	<2	33	<.2	<2	<2	128	.68	.057	7	31	.39	365	.09	5	1.65	.02	.39	<1	3
4196	<1	43	5	72	.1	20	11	844	3.86	6	<5	<2	<2	45	<.2	2	<2	103	.60	.031	8	35	.41	238	.14	11	1.77	.03	.42	<1	1
4197	<1	64	9	68	<.1	26	15	696	4.50	2	<5	<2	<2	74	<.2	3	<2	98	.65	.030	8	41	.84	263	.14	9	2.12	.03	.56	<1	2
4198	<1	29	8	60	<.1	15	9	714	3.20	2	<5	<2	<2	45	<.2	<2	<2	83	.52	.020	5	32	.34	181	.14	9	1.45	.02	.36	<1	2
4199	<1	52	7	63	.2	18	9	575	2.65	3	<5	<2	<2	247	<.2	<2	<2	57	.79	.027	4	25	1.66	189	.09	33	1.88	.06	.39	<1	1
4200	<1	49	9	88	<.1	29	13	653	3.90	<2	7	<2	<2	50	.2	<2	<2	95	.64	.030	12	43	.50	333	.15	9	2.20	.03	.51	<1	1
4231	1	77	15	75	<.1	31	18	1192	4.69	10	<5	<2	<2	48	.3	<2	<2	122	.77	.035	13	44	.88	348	.15	3	3.06	.03	.36	<1	3
4232	1	83	13	72	<.1	24	17	1189	4.19	7	<5	<2	<2	47	.3	<2	<2	105	.83	.039	11	36	.49	308	.14	5	2.66	.02	.37	<1	15
4233	<1	97	9	76	.1	24	16	1128	4.25	5	<5	<2	<2	47	<.2	<2	<2	99	1.01	.042	9	31	.83	342	.16	10	3.27	.03	.52	3	2
4234	<1	124	13	82	.5	18	15	788	4.84	8	<5	<2	<2	49	<.2	2	2	106	1.12	.080	9	18	.53	458	.10	11	2.74	.02	.57	<1	3
4235	1	64	12	88	<.1	34	17	1087	4.38	7	<5	<2	<2	49	<.2	<2	2	113	.84	.038	12	49	.73	332	.15	4	2.45	.03	.38	<1	61
4236	<1	80	9	61	<.1	27	14	705	4.10	4	<5	<2	<2	59	.3	<2	<2	108	1.04	.046	9	36	.95	259	.14	5	2.15	.03	.24	<1	19
4237	1	55	13	81	.1	22	14	617	4.35	7	<5	<2	<2	39	<.2	3	<2	106	.74	.043	9	33	.43	371	.14	2	2.52	.03	.25	<1	8
4238	<1	58	7	81	<.1	17	9	426	3.62	4	<5	<2	<2	32	<.2	3	<2	85	.61	.038	8	29	.33	320	.12	10	1.86	.02	.43	<1	10
4239	1	34	6	87	<.1	13	9	599	3.11	7	<5	<2	<2	31	.2	<2	<2	85	.53	.026	4	25	.32	285	.13	6	1.66	.02	.22	<1	2
4240	1	83	13	85	.1	18	18	1292	5.51	8	<5	<2	<2	27	<.2	7	3	116	.54	.058	8	20	.27	846	.05	2	1.52	.01	.35	<1	6
4241	1	85	13	87	.1	32	17	1137	4.76	7	5	<2	<2	49	.2	<2	<2	119	.78	.064	12	47	.86	409	.15	2	3.20	.02	.30	<1	9
4242	<1	44	7	72	<.1	20	11	499	4.14	<2	<5	<2	<2	36	.2	2	<2	103	.65	.028	7	39	.37	313	.12	6	1.92	.02	.27	2	3
4243	<1	50	9	78	<.1	26	13	692	3.80	6	<5	<2	<2	33	<.2	<2	<2	95	.64	.063	7	32	.46	479	.11	4	3.35	.02	.14	1	4
4244	<1	47	12	84	.1	16	11	416	4.57	4	<5	<2	<2	31	<.2	4	<2	109	.65	.044	9	24	.32	463	.09	7	1.93	.02	.32	2	3
4245	1	47	9	83	.2	19	13	815	3.87	<2	<5	<2	<2	47	.4	<2	<2	90	.86	.041	9	31	.42	527	.10	6	2.03	.02	.36	<1	6
4246	1	178	73	68	.3	21	18	543	4.44	19	5	<2	<2	58	.4	5	<2	85	.89	.037	8	29	.49	334	.11	7	2.20	.02	.42	<1	93
4247	<1	53	21	72	<.1	25	12	335	4.10	21	<5	<2	<2	45	<.2	2	<2	87	.54	.017	9	28	.33	249	.11	8	1.80	.02	.38	1	20
4248	<1	169	14	66	.3	21	16	667	5.55	14	<5	<2	<2	45	<.2	3	2	123	1.84	.108	7	24	.57	582	.06	4	1.75	.02	.24	<1	24
4249	1	81	59	138	.2	34	15	639	5.09	45	<5	<2	<2	59	<.2	4	2	96	.83	.041	11	31	.38	366	.09	13	2.13	.02	.53	<1	48
4250	1	72	14	90	.1	29	15	570	4.75	<2	<5	<2	<2	37	<.2	<2	<2	109	.63	.095	10	35	.68	486	.11	<2	3.31	.02	.24	<1	11
4251	<1	54	9	61	.2	19	11	465	4.28	4	<5	<2	2	41	<.2	4	4	102	.64	.031	7	33	.43	238	.12	8	1.70	.02	.43	<1	4
STANDARD C/AU-S	20	61	43	126	7.1	73	31	1046	3.96	41	13	7	35	53	17.0	13	19	62	.49	.093	39	58	.93	184	.08	34	1.88	.07	.16	12	46

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4252	<1	47	8	87	.1	18	11	1022	3.76	11	<5	<2	<2	49	<.2	<2	<2	68	.79	.046	12	26	.41	561	.11	8	2.47	.03	.50	<1	5
4253	<1	32	4	50	.1	14	10	652	2.95	6	<5	<2	<2	66	.2	<2	2	62	.65	.021	4	22	.50	164	.10	9	1.91	.03	.27	<1	11
4254	1	40	2	114	<.1	52	16	832	4.10	6	<5	<2	<2	78	<.2	<2	<2	99	.67	.066	13	54	1.14	421	.15	5	4.15	.03	.22	<1	1
4255	<1	45	2	54	.1	18	10	642	3.20	5	5	<2	<2	211	<.2	<2	<2	47	3.19	.022	12	22	1.27	224	.08	17	1.92	.03	.37	<1	1
4256	1	55	9	98	.1	24	14	839	4.45	9	5	<2	<2	46	.4	<2	2	100	.68	.038	12	32	.48	427	.12	4	2.47	.03	.29	<1	2
4257	1	74	3	99	.1	27	15	1437	4.43	11	5	<2	<2	49	.2	2	<2	100	.89	.041	12	35	.44	503	.12	5	2.67	.02	.45	<1	6
4258	1	55	6	78	<.1	27	13	712	4.08	7	6	<2	2	45	<.2	<2	<2	96	.64	.026	12	36	.47	311	.14	4	2.55	.03	.30	<1	1
4259	<1	50	<2	80	.2	22	11	611	3.88	7	<5	<2	<2	44	<.2	<2	4	84	.69	.030	10	30	.44	333	.13	7	2.51	.03	.39	<1	1
4260	<1	85	5	96	.1	23	13	1041	4.31	9	<5	<2	<2	44	.3	<2	2	96	1.16	.045	10	29	.87	478	.11	9	2.73	.02	.55	<1	6
4261	<1	63	<2	78	.1	26	16	1085	4.39	7	5	<2	2	50	.3	<2	4	103	.82	.032	11	31	.86	447	.13	7	3.26	.03	.32	<1	2
4262	<1	70	<2	69	.1	25	12	710	3.77	6	8	<2	<2	101	.2	<2	<2	89	1.74	.048	8	33	1.46	277	.14	11	2.12	.04	.30	<1	2
4263	<1	60	6	58	.1	31	15	741	4.35	11	<5	<2	<2	88	<.2	<2	<2	95	.68	.020	10	42	1.47	215	.13	12	2.47	.03	.41	<1	3
RE 4613	<1	33	5	102	<.1	22	11	595	3.73	4	<5	<2	<2	40	<.2	<2	3	90	.64	.029	6	38	.40	198	.17	8	2.17	.03	.38	<1	2
4264	<1	28	<2	37	.1	15	4	313	1.01	5	<5	<2	5	2048	.2	<2	<2	26	7.31	.053	8	10	12.53	346	.03	81	1.89	.07	.12	<1	1
4601	1	81	4	71	<.1	43	19	811	5.17	17	<5	<2	<2	73	.3	<2	3	128	1.16	.047	12	47	1.07	303	.16	6	3.17	.03	.46	<1	4
4602	<1	68	2	69	.1	41	16	750	4.81	14	<5	<2	2	47	<.2	3	3	121	.75	.041	10	56	.83	275	.14	9	2.20	.03	.56	<1	3
4603	1	39	7	82	<.1	21	12	707	4.10	11	<5	<2	<2	60	.4	<2	<2	101	.84	.048	8	27	.74	392	.16	13	2.88	.02	.53	<1	1
4604	<1	37	3	67	.2	26	11	533	3.67	11	<5	<2	<2	40	.3	2	2	88	.58	.018	11	39	.48	217	.15	5	2.22	.03	.29	1	1
4605	1	44	6	88	<.1	24	11	469	4.27	34	<5	<2	2	40	.2	17	3	109	.61	.024	8	42	.43	302	.15	4	2.08	.03	.20	<1	2
4606	<1	40	4	85	<.1	19	11	819	3.56	11	<5	<2	<2	41	<.2	<2	4	88	.61	.024	7	32	.34	322	.12	6	1.74	.03	.33	2	1
4607	<1	95	4	76	.1	24	18	772	4.54	28	<5	<2	5	139	.2	2	3	86	4.44	.093	9	19	.90	564	.03	18	1.70	.02	.57	<1	3
4608	<1	61	3	74	.1	19	13	491	5.33	17	<5	<2	2	36	<.2	7	3	119	.64	.050	7	26	.31	413	.05	10	1.49	.02	.45	1	3
4609	<1	48	3	97	<.1	19	11	881	4.20	7	<5	<2	<2	30	<.2	2	3	104	.57	.041	6	28	.34	325	.11	6	1.67	.02	.41	<1	1
4610	<1	49	4	80	<.1	23	11	567	4.22	9	<5	<2	<2	47	.3	<2	2	115	.83	.026	10	34	.52	277	.17	4	2.82	.03	.23	<1	1
4611	<1	54	6	78	<.1	22	12	682	3.97	12	<5	<2	<2	41	<.2	<2	2	94	.73	.032	14	30	.52	451	.12	4	2.77	.03	.30	<1	1
4612	<1	38	6	55	<.1	23	12	409	3.70	7	<5	<2	<2	40	<.2	2	<2	109	.67	.022	9	42	.37	163	.17	5	1.69	.03	.23	<1	2
4613	<1	31	5	100	<.1	20	10	589	3.68	7	<5	<2	<2	40	<.2	<2	2	89	.62	.028	5	38	.39	196	.17	8	2.14	.03	.38	<1	1
4614	<1	45	5	80	.1	28	12	700	4.05	6	<5	<2	<2	49	<.2	<2	2	101	.78	.037	8	45	.47	232	.17	8	2.01	.03	.51	<1	3
4615	1	35	4	65	<.1	26	12	735	3.71	6	<5	<2	<2	48	<.2	<2	4	99	.72	.023	8	48	.42	191	.19	5	1.88	.04	.20	<1	1
4616	<1	43	3	57	.1	26	12	420	4.04	7	<5	<2	<2	49	<.2	<2	3	104	.70	.020	11	46	.48	202	.18	4	2.27	.04	.27	<1	1
4617	<1	51	4	68	.2	27	12	381	4.32	11	<5	<2	<2	48	<.2	<2	2	100	.73	.030	12	41	.48	242	.18	2	2.97	.03	.35	<1	1
4618	<1	70	4	93	.1	25	16	1160	4.65	18	12	<2	<2	60	<.2	2	<2	132	1.13	.038	7	27	1.00	359	.20	8	4.04	.03	.41	<1	1
4619	<1	81	2	89	<.1	20	15	882	5.28	16	<5	<2	<2	52	<.2	<2	2	167	1.11	.035	7	19	1.04	421	.20	7	3.91	.03	.35	<1	1
4620	1	36	8	85	.1	15	8	399	3.50	9	<5	<2	<2	29	<.2	4	3	78	.51	.034	6	22	.27	321	.09	5	1.76	.03	.29	<1	1
4621	<1	48	3	62	<.1	18	10	341	3.83	10	<5	<2	2	33	<.2	4	2	98	.57	.042	5	32	.29	225	.11	9	1.41	.03	.35	1	1
STANDARD C/AU-S	19	60	38	124	7.1	68	33	1041	3.96	42	17	5	34	52	19.0	14	17	61	.49	.092	41	57	.92	183	.08	33	1.88	.06	.15	13	53

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4622	1	80	10	100	<.1	22	12	501	6.20	19	16	<2	<2	36	<.2	7	<2	177	.56	.062	7	32	.27	300	.07	10	1.25	.02	.34	<1	2
4623	1	54	8	86	.2	27	14	863	4.45	12	6	<2	<2	40	<.2	2	<2	109	.83	.053	11	43	.48	313	.13	7	2.10	.02	.36	<1	3
4624	<1	81	12	95	<.1	18	16	913	4.95	15	<5	<2	<2	33	<.2	3	<2	106	.76	.081	6	19	.35	580	.03	14	1.59	.01	.60	<1	3
4625	1	48	9	91	.1	19	13	692	4.60	15	<5	<2	<2	33	<.2	<2	<2	114	.74	.030	9	24	.90	334	.13	10	2.62	.02	.50	<1	1
4626	1	87	6	76	<.1	27	20	674	5.54	37	<5	<2	<2	71	.2	<2	<2	169	1.39	.041	8	29	1.73	169	.21	7	4.78	.04	.20	1	4
4627	1	48	12	109	.1	20	13	1142	3.30	23	<5	<2	<2	52	.2	3	2	91	.86	.130	5	23	.47	273	.15	6	3.24	.02	.08	1	1
4628	1	53	12	89	.1	23	13	900	3.96	12	5	<2	<2	41	<.2	<2	<2	95	.81	.059	11	37	.43	333	.13	8	3.02	.02	.32	<1	3
4629	1	27	9	50	.1	16	9	387	3.21	4	<5	<2	<2	42	.2	3	<2	93	.41	.013	4	34	.38	141	.15	8	1.38	.03	.24	1	1
4630	<1	31	3	49	<.1	16	8	470	2.54	3	<5	<2	<2	173	<.2	<2	<2	49	1.35	.026	7	24	1.55	216	.09	19	1.83	.04	.36	<1	1
4631	1	68	6	72	.1	28	14	667	4.66	11	<5	<2	<2	53	<.2	3	<2	120	.72	.042	9	42	.53	259	.13	15	2.02	.02	.63	<1	6
RE 4637	1	107	15	128	.2	23	17	3219	3.81	13	<5	<2	<2	73	.3	<2	2	112	1.11	.100	12	27	.98	923	.13	10	3.56	.02	.35	<1	6
4632	<1	66	8	66	.1	21	12	611	4.39	7	<5	<2	<2	44	.2	2	<2	116	.74	.061	9	37	.50	274	.15	9	2.17	.02	.50	<1	2
4633	1	104	12	67	.2	27	14	610	4.51	11	<5	<2	<2	54	.2	3	2	119	1.11	.058	10	39	.88	317	.12	8	2.68	.02	.45	<1	4
4634	1	77	7	64	<.1	27	15	660	5.45	9	<5	<2	<2	44	<.2	<2	<2	139	.68	.037	11	49	.83	315	.13	8	2.38	.02	.58	<1	4
4635	1	89	7	77	.2	20	13	508	4.93	9	<5	<2	<2	36	<.2	2	<2	115	.79	.064	13	32	.98	661	.09	15	2.86	.02	.62	2	2
4636	1	110	11	102	<.1	24	17	1323	3.89	9	<5	<2	<2	73	.2	<2	3	103	1.10	.038	7	31	1.00	382	.16	7	4.16	.03	.38	1	3
4637	1	104	18	124	.2	24	16	3171	3.74	12	<5	<2	<2	72	.6	<2	<2	110	1.09	.099	12	25	.96	915	.13	9	3.50	.02	.36	<1	7
4638	1	65	10	94	.4	22	14	1023	4.51	46	5	<2	<2	39	.2	<2	<2	76	.90	.048	13	27	.48	367	.10	9	2.51	.02	.51	<1	58
4639	<1	65	12	73	<.1	16	15	829	4.88	11	<5	<2	<2	33	<.2	4	2	106	.69	.054	10	24	.92	451	.06	6	2.35	.02	.48	1	7
4640	1	64	10	79	<.1	28	13	716	4.63	14	<5	<2	<2	42	.3	3	2	117	.71	.035	11	43	.48	300	.15	8	2.23	.02	.39	<1	9
4641	1	56	8	89	.1	27	12	427	3.33	21	<5	<2	2	23	<.2	2	<2	83	.33	.138	6	27	.46	125	.14	5	3.25	.02	.11	<1	3
4642	1	73	12	131	.2	23	16	3116	3.93	22	<5	<2	2	51	.4	3	<2	89	.87	.117	11	28	.51	527	.13	7	3.56	.02	.42	1	2
4643	1	74	12	102	.2	25	15	1575	3.78	11	<5	<2	2	45	.3	<2	<2	89	.70	.057	10	31	.67	371	.16	6	3.89	.03	.37	<1	2
4644	<1	74	5	88	<.1	25	14	868	4.55	10	<5	<2	<2	57	.3	<2	2	100	.82	.046	9	38	.73	319	.13	12	2.52	.02	.60	<1	2
4645	<1	49	6	71	<.1	21	12	714	3.89	6	<5	<2	<2	47	<.2	2	<2	104	.63	.020	10	35	.45	247	.15	5	1.97	.03	.36	<1	1
4646	<1	85	4	63	<.1	37	17	665	4.89	11	<5	<2	<2	73	.2	2	<2	126	.78	.030	11	43	1.02	258	.15	9	2.77	.04	.40	3	5
4647	1	50	8	57	.1	29	14	524	4.14	8	<5	<2	<2	62	.4	2	<2	108	.54	.025	12	46	.83	227	.14	5	2.09	.03	.36	<1	2
4648	<1	82	6	97	.1	24	13	713	4.33	8	<5	<2	<2	46	<.2	<2	<2	98	.84	.056	8	31	.42	452	.08	8	1.83	.02	.53	<1	3
4649	<1	66	4	86	.1	30	12	558	4.19	8	<5	<2	<2	41	<.2	2	<2	110	.71	.055	9	43	.48	299	.13	8	2.17	.02	.51	<1	5
4650	<1	42	2	71	<.1	22	9	464	3.55	4	<5	<2	<2	39	<.2	<2	<2	86	.56	.022	7	40	.39	245	.14	6	1.97	.03	.35	<1	3
4651	<1	40	3	121	<.1	26	11	861	3.72	4	<5	<2	2	44	.3	2	<2	99	.65	.036	7	47	.42	358	.14	10	1.70	.02	.46	<1	4
4652	1	43	4	77	<.1	17	10	748	3.37	8	<5	<2	<2	30	<.2	2	<2	75	.54	.033	8	24	.31	290	.12	3	2.21	.02	.23	2	2
4653	1	66	5	78	.1	17	14	941	3.94	5	<5	<2	<2	36	<.2	<2	<2	91	.74	.047	11	20	.85	651	.06	4	2.68	.01	.26	1	3
4654	<1	60	6	57	<.1	10	8	399	3.49	7	<5	<2	<2	34	.2	6	<2	90	.60	.028	4	18	.24	305	.06	10	1.36	.02	.37	<1	3
4655	<1	102	9	86	.1	14	11	687	3.92	8	<5	<2	<2	38	.2	6	<2	99	.74	.053	5	17	.23	744	.05	6	1.45	.02	.28	<1	3
STANDARD C/AU-S	20	62	38	126	7.3	72	31	1043	3.96	42	20	6	36	53	19.0	15	18	62	.49	.093	39	58	.92	184	.08	33	1.88	.07	.16	12	48

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4656	1	31	4	128	.1	14	7	725	2.96	5	<5	<2	<2	36	<.2	<2	<2	65	.62	.038	6	21	.25	477	.09	8	1.64	.02	.21	<1	<1
4657	1	58	11	90	<.1	41	19	966	4.62	11	<5	<2	3	35	<.2	<2	<2	120	.64	.089	9	60	.85	214	.16	3	3.55	.02	.22	<1	3
4658	<1	95	4	73	<.1	19	16	1037	4.88	3	<5	<2	<2	28	<.2	<2	<2	120	1.41	.046	10	28	.95	543	.08	6	2.34	.02	.39	<1	2
4659	<1	155	9	69	<.1	29	23	928	5.86	14	<5	<2	2	32	<.2	<2	<2	191	1.29	.049	8	29	2.36	444	.18	4	4.10	.02	.18	<1	5
4660	<1	42	9	80	.1	15	11	530	4.05	10	<5	<2	2	28	<.2	2	<2	84	.48	.036	8	19	.33	384	.08	7	1.68	.02	.48	<1	23
4661	<1	112	6	76	.1	23	13	448	5.15	13	<5	<2	<2	36	<.2	9	<2	108	.80	.058	10	30	.41	542	.09	5	2.28	.02	.32	<1	26
4662	<1	66	8	71	.2	15	11	434	3.84	7	<5	<2	2	33	<.2	8	2	79	.53	.037	10	19	.27	367	.09	5	2.12	.02	.25	1	3
4663	<1	28	3	24	.2	12	7	467	1.13	4	<5	<2	8	608	.3	<2	<2	18	16.08	.064	7	8	4.45	366	.03	23	.75	.07	.18	<1	1
RE 4663	<1	25	4	26	.1	10	6	453	1.04	2	<5	<2	6	590	.2	2	<2	17	15.39	.061	9	8	4.25	356	.03	22	.72	.07	.18	<1	1
4664	1	146	14	96	.3	17	18	891	5.32	23	6	<2	<2	67	<.2	14	<2	66	1.11	.075	9	15	.38	1757	.05	7	1.84	.02	.34	<1	54
4665	<1	71	8	84	.1	25	15	783	4.60	4	<5	<2	2	45	<.2	<2	<2	89	.77	.031	11	33	.84	371	.13	8	3.00	.02	.51	<1	6
4666	1	64	10	86	<.1	25	17	1368	4.55	6	<5	<2	2	33	<.2	<2	<2	112	.55	.044	17	35	.86	430	.11	3	3.48	.02	.29	<1	2
4667	1	78	10	98	<.1	29	16	1226	4.75	9	<5	<2	2	48	<.2	<2	<2	110	.83	.054	19	37	.95	541	.12	5	3.07	.02	.39	<1	7
4668	1	76	9	78	<.1	26	15	771	4.90	8	<5	<2	<2	46	<.2	<2	<2	113	.84	.050	11	42	.87	589	.13	7	2.48	.02	.57	<1	5
4669	<1	55	10	85	.1	15	13	1082	4.31	6	<5	<2	<2	83	<.2	<2	<2	80	1.04	.081	8	22	.48	556	.10	15	2.24	.02	.53	<1	7
4670	<1	85	9	72	.1	30	15	593	5.13	11	<5	<2	2	52	<.2	<2	<2	126	.84	.042	12	43	.87	371	.13	3	2.84	.02	.49	<1	7
4671	<1	81	11	74	.1	37	17	757	5.01	6	<5	<2	2	51	<.2	<2	<2	117	.86	.043	15	49	.89	375	.14	6	3.05	.03	.38	<1	9
4672	<1	79	8	71	<.1	33	16	907	4.59	3	<5	<2	<2	69	<.2	<2	<2	114	.89	.036	10	44	1.09	242	.14	8	2.33	.03	.39	<1	5
4673	<1	51	6	36	<.1	24	11	431	3.48	6	7	<2	<2	176	.2	<2	<2	69	2.14	.015	15	34	1.10	315	.10	15	2.15	.03	.32	2	3
4674	<1	25	<2	39	.2	8	3	267	.49	<2	5	<2	2	1923	.2	<2	<2	12	21.44	.070	3	5	3.94	340	.02	44	.56	.04	.05	<1	1
4675	<1	30	4	39	<.1	14	9	455	3.24	2	5	<2	<2	102	<.2	<2	<2	91	.70	.016	4	31	.40	162	.14	8	1.55	.03	.27	<1	2
4676	<1	47	7	57	.1	26	13	685	3.63	3	<5	<2	2	130	<.2	<2	<2	86	.68	.040	9	36	1.01	214	.15	16	2.33	.04	.37	<1	6
4677	<1	33	7	46	<.1	24	12	461	3.42	2	5	<2	<2	134	<.2	<2	<2	86	.58	.017	4	36	.83	152	.15	13	2.04	.03	.29	1	2
4678	<1	57	6	48	.2	29	12	671	3.39	4	<5	<2	3	722	<.2	<2	<2	86	2.26	.039	7	36	2.82	253	.12	40	2.05	.03	.35	<1	3
4679	<1	21	3	78	.2	10	6	333	2.27	<2	<5	<2	2	32	<.2	<2	<2	45	.38	.021	4	18	.22	212	.10	7	1.70	.03	.17	<1	1
4680	<1	29	10	88	.2	12	8	573	2.90	6	5	<2	<2	29	<.2	6	<2	68	.51	.037	5	25	.23	220	.11	6	1.31	.02	.27	1	16
4681	1	51	9	85	<.1	18	15	745	4.52	11	<5	<2	<2	33	.2	3	<2	97	.60	.059	9	27	.45	451	.10	6	2.62	.02	.26	<1	3
4682	<1	94	7	94	.2	20	14	937	4.33	11	<5	<2	2	34	<.2	12	<2	70	.81	.044	7	21	.34	584	.07	15	2.01	.03	.47	1	43
4683	<1	35	9	58	<.1	13	10	358	3.69	7	<5	<2	2	34	<.2	3	<2	81	.54	.026	7	25	.31	270	.10	6	1.78	.02	.27	2	14
4684	1	120	17	63	1.8	19	24	977	5.76	696	<5	2	2	68	<.2	37	3	42	1.79	.138	4	8	.23	230	.01	4	.70	.01	.22	4	1380
4685	<1	76	8	123	.2	18	11	460	4.47	20	6	<2	<2	34	<.2	13	<2	80	.68	.064	5	20	.30	491	.06	12	1.86	.02	.58	1	39
4686	2	126	6	177	.1	37	32	613	6.24	29	<5	<2	<2	59	<.2	<2	<2	132	.82	.235	5	32	.79	427	.13	3	2.73	.02	.17	<1	13
4687	1	59	10	105	.2	15	11	505	4.48	7	7	<2	<2	48	<.2	6	<2	73	.92	.067	8	19	.29	532	.05	12	2.14	.02	.33	<1	9
4688	<1	99	9	110	.1	17	20	1013	5.71	15	6	<2	2	41	<.2	9	2	97	.88	.120	9	17	.34	941	.03	7	1.74	.01	.50	<1	67
4689	<1	43	5	72	.1	14	9	490	3.74	4	<5	<2	2	26	<.2	7	<2	88	.51	.042	6	25	.28	342	.07	5	1.31	.02	.32	1	5
STANDARD C/AU-S	19	61	38	126	7.1	74	31	1026	3.96	39	23	7	35	52	19.0	14	18	61	.51	.093	39	57	.90	183	.08	34	1.88	.07	.16	12	50

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



ACME ANALYTICAL



ACME ANALYTICAL

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
4690	1	78	10	82	<.1	31	20	788	4.98	8	<5	<2	<2	33	<.2	7	<2	116	.63	.050	9	43	.85	411	.09	3	2.11	.02	.28	<1	1
4691	1	71	7	79	.2	29	16	820	4.59	13	<5	<2	<2	41	<.2	3	<2	107	.74	.039	11	39	.80	348	.11	6	2.24	.02	.36	<1	11
4692	1	34	6	113	<.1	19	11	612	3.55	6	6	<2	<2	39	.2	<2	<2	83	.54	.031	5	30	.31	472	.09	7	1.43	.02	.21	<1	6
4693	<1	60	9	68	<.1	19	15	602	4.96	3	<5	<2	<2	61	.2	<2	<2	82	.74	.023	11	17	.91	334	.04	3	2.16	.01	.32	2	3
4694	<1	58	4	80	<.1	17	20	1034	5.32	6	<5	<2	2	52	<.2	<2	<2	137	.59	.088	8	23	.42	466	.04	<2	1.66	.02	.26	<1	1
4695	1	39	9	96	.2	16	14	766	4.66	7	<5	<2	2	30	<.2	<2	<2	79	.62	.051	9	17	.36	531	.06	3	1.97	.02	.36	<1	1
4696	1	74	10	95	.1	15	13	595	4.61	17	<5	<2	<2	37	<.2	5	<2	91	.62	.062	8	15	.29	590	.04	3	1.30	.01	.41	<1	6
4697	<1	47	6	77	.1	14	11	523	4.03	15	7	<2	<2	40	<.2	3	<2	82	.54	.021	7	17	.32	456	.06	6	1.39	.01	.39	<1	6
4698	1	55	5	70	.1	25	14	861	3.70	9	<5	<2	2	36	<.2	<2	<2	89	.72	.041	14	30	.65	408	.14	4	3.47	.02	.18	<1	1
4699	1	34	5	83	<.1	20	13	1056	3.41	6	<5	<2	<2	44	<.2	<2	<2	85	.70	.034	7	28	.43	291	.14	4	2.31	.02	.28	<1	1
4700	1	62	9	70	.2	26	14	1123	3.98	15	<5	<2	<2	33	.3	<2	<2	93	.63	.027	13	30	.82	313	.14	<2	3.22	.02	.25	<1	2
4701	1	30	76	164	.4	10	9	380	3.04	136	6	<2	3	35	.2	8	<2	41	.43	.035	6	13	.16	246	.07	6	1.26	.02	.24	<1	120
4702	1	18	37	82	.2	10	8	848	2.71	118	<5	<2	<2	26	<.2	7	<2	49	.30	.035	7	14	.14	563	.06	4	.87	.01	.14	<1	25
4703	1	53	16	86	.2	20	14	1082	4.19	19	9	<2	<2	39	<.2	8	<2	91	.58	.044	10	30	.31	445	.09	2	1.46	.01	.30	<1	16
4704	1	34	12	61	<.1	15	9	408	3.14	12	<5	<2	<2	27	.3	4	<2	85	.44	.027	5	24	.29	277	.12	3	1.42	.01	.21	1	4
4705	1	112	20	103	.1	16	13	658	4.23	34	<5	<2	<2	30	<.2	3	<2	80	.59	.041	7	21	.34	485	.07	4	1.61	.01	.38	<1	90
4706	1	55	11	76	.2	14	11	517	4.17	14	<5	<2	<2	29	<.2	4	<2	74	.64	.035	7	22	.35	348	.09	7	1.70	.02	.47	<1	35
RE 4705	1	120	23	108	.3	18	15	690	4.40	38	<5	<2	<2	33	.2	6	<2	86	.63	.044	8	22	.36	500	.08	7	1.70	.01	.40	<1	150
4707	1	71	7	88	<.1	14	9	379	4.37	8	<5	<2	<2	26	<.2	9	<2	88	.61	.063	8	17	.26	703	.06	5	1.77	.01	.28	<1	2
4708	1	47	6	158	<.1	27	11	771	3.16	10	<5	<2	<2	29	.3	<2	<2	68	.53	.104	7	27	.44	631	.11	4	3.09	.02	.16	<1	3
4709	1	62	8	103	.2	30	13	560	4.37	14	<5	<2	<2	44	.2	2	<2	85	.59	.057	10	38	.42	693	.06	5	1.85	.01	.29	<1	27
4710	1	37	6	80	.3	11	9	399	3.22	5	<5	<2	2	23	.2	3	<2	68	.40	.041	5	17	.27	269	.07	2	1.51	.01	.17	<1	2
4711	<1	86	6	71	.2	10	14	837	4.57	6	6	<2	<2	37	<.2	2	<2	78	.85	.042	10	10	.34	707	.02	4	1.83	.01	.33	<1	6
4712	<1	75	5	78	.2	12	11	385	4.47	8	5	<2	<2	27	<.2	9	2	83	.50	.068	7	12	.25	568	.03	5	1.21	.01	.35	<1	3
4713	1	78	8	57	.1	16	13	454	4.52	4	<5	<2	<2	28	<.2	6	<2	105	.48	.043	14	22	.42	438	.07	<2	1.83	.01	.26	<1	2
4714	1	66	7	73	.1	14	10	313	4.84	5	<5	<2	<2	25	<.2	8	<2	117	.46	.063	7	18	.28	435	.05	4	1.38	.01	.36	<1	2
4715	<1	35	6	68	.1	11	10	286	3.68	4	6	<2	<2	22	<.2	3	<2	90	.41	.036	5	14	.18	418	.04	3	1.20	.01	.19	<1	2
4716	<1	31	6	87	.1	15	9	398	3.48	8	9	<2	<2	26	.2	4	<2	83	.49	.026	5	25	.33	302	.11	5	1.55	.02	.20	<1	13
4717	1	26	6	74	.2	9	7	448	2.80	5	7	<2	<2	20	<.2	3	<2	58	.32	.023	3	14	.20	301	.06	3	1.08	.01	.20	<1	1
4718	1	42	9	63	.3	20	13	708	3.62	7	7	<2	2	32	.4	<2	<2	82	.53	.032	9	29	.41	233	.12	3	2.21	.02	.24	<1	2
4719	1	55	9	78	.1	22	14	1093	3.74	6	<5	<2	<2	33	<.2	2	<2	85	.65	.023	13	28	.42	337	.13	4	2.40	.02	.29	<1	3
4720	<1	33	5	69	.1	11	8	489	3.18	6	9	<2	<2	25	<.2	3	<2	78	.51	.021	4	23	.31	207	.12	6	1.51	.02	.25	<1	350
4721	1	26	5	56	.2	14	8	429	3.06	5	8	<2	<2	26	<.2	5	<2	72	.42	.028	4	21	.29	211	.11	3	1.73	.02	.15	<1	4
4722	1	58	13	78	.2	18	13	936	3.90	5	<5	<2	<2	33	.3	6	<2	81	.59	.044	9	23	.32	387	.09	5	1.99	.02	.28	<1	3
4723	1	50	6	63	.2	19	11	500	3.50	3	<5	<2	<2	46	.3	2	<2	71	.68	.035	9	24	.43	162	.14	4	2.82	.02	.32	<1	2
STANDARD C/AU-S	19	60	38	125	7.1	68	31	1037	3.96	41	15	6	35	51	19.0	14	16	61	.49	.093	42	57	.91	182	.08	33	1.88	.06	.16	12	49

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



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4724	1	50	6	34	<.1	25	12	390	3.21	5	<5	<2	<2	180	<.2	<2	<2	68	3.82	.021	11	35	1.04	151	.12	15	2.03	.03	.27	2	1
RE 4725	1	71	10	70	<.1	25	15	1081	4.02	13	<5	<2	<2	48	<.2	<2	<2	103	.83	.035	10	34	.74	260	.16	2	2.79	.02	.29	2	4
4725	1	74	9	73	<.1	26	16	1140	4.24	11	<5	<2	<2	48	<.2	<2	<2	110	.84	.036	10	37	.78	273	.17	3	2.93	.02	.30	1	3
4726	<1	66	10	82	.1	21	12	988	3.57	10	<5	<2	<2	66	.2	<2	<2	62	1.07	.075	10	31	.42	296	.13	14	3.36	.02	.52	<1	2
4727	1	105	4	65	<.1	23	14	891	4.07	9	<5	<2	<2	56	<.2	<2	<2	77	.95	.043	10	26	.64	334	.15	15	3.43	.02	.46	2	5
4728	<1	81	6	82	.2	17	12	652	4.49	4	9	<2	<2	90	<.2	<2	<2	99	.77	.051	11	29	.46	512	.11	8	2.14	.02	.56	<1	2
4729	<1	53	4	56	.1	16	11	557	3.89	5	<5	<2	<2	58	.2	<2	<2	92	.66	.023	9	31	.43	260	.14	10	1.88	.02	.43	<1	1
4730	<1	35	8	41	.1	14	9	423	3.30	5	12	<2	<2	85	.2	<2	<2	102	.53	.010	2	37	.46	113	.17	9	1.34	.03	.23	<1	1
4731	<1	25	6	61	.1	12	7	690	2.70	4	8	<2	<2	79	<.2	<2	<2	66	.53	.033	4	25	.32	179	.13	13	1.45	.03	.25	1	1
4732	<1	44	6	158	<.1	17	10	1000	3.39	6	8	<2	<2	73	.3	<2	<2	70	.77	.100	7	24	.37	475	.10	14	2.35	.02	.35	1	<1
4733	<1	57	5	104	.1	17	13	1391	3.63	9	<5	<2	<2	53	<.2	<2	<2	69	.98	.081	11	20	.36	775	.06	9	2.33	.02	.30	<1	2
4734	1	34	4	88	<.1	17	11	507	3.32	3	11	<2	2	39	<.2	<2	<2	81	.51	.047	6	30	.37	266	.12	5	1.78	.02	.21	1	5
4735	<1	55	7	97	<.1	19	15	792	4.79	7	9	<2	<2	49	<.2	<2	<2	129	.52	.049	9	26	.48	432	.07	4	1.99	.02	.29	1	1
4736	<1	51	3	67	<.1	26	14	846	4.06	8	<5	<2	<2	100	<.2	<2	<2	103	.63	.035	11	38	.75	262	.13	10	1.86	.02	.46	<1	1
4737	<1	48	7	52	<.1	27	12	546	3.83	7	6	<2	<2	77	<.2	<2	<2	91	.51	.022	6	41	.78	157	.15	10	1.91	.03	.29	1	12
4738	<1	40	4	77	<.1	28	12	854	3.54	5	<5	<2	<2	50	<.2	<2	<2	93	.59	.021	10	43	.42	200	.15	9	1.75	.02	.30	2	1
4739	<1	33	5	64	<.1	19	10	866	3.25	5	<5	<2	2	83	<.2	<2	<2	91	.60	.034	6	41	.41	209	.15	15	1.46	.02	.29	2	6
4740	1	31	7	46	<.1	20	10	447	3.12	8	<5	<2	2	50	<.2	<2	<2	91	.47	.019	5	39	.39	166	.15	5	1.36	.02	.17	1	2
STANDARD C/AU-S	20	64	39	129	7.4	75	31	1049	3.96	42	18	6	36	53	17.0	13	17	62	.49	.090	40	59	.93	177	.09	33	1.88	.07	.15	13	52

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

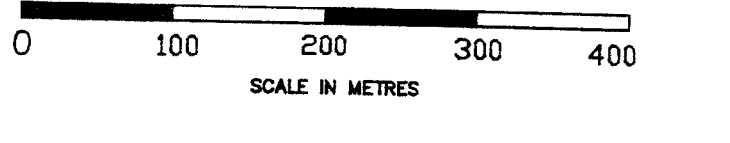
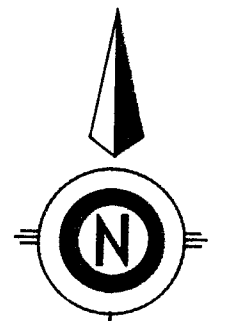


SYMBOLS

- ROADS
- LAKES, CREEKS
- POWER LINES
- OIL AND GAS LINES
- UTM COORDINATES
- GRID LINE NORTHING, EASTING
- CLAIM LINE, CLAIM NAME
- LEGAL CORNER POST

LEGEND

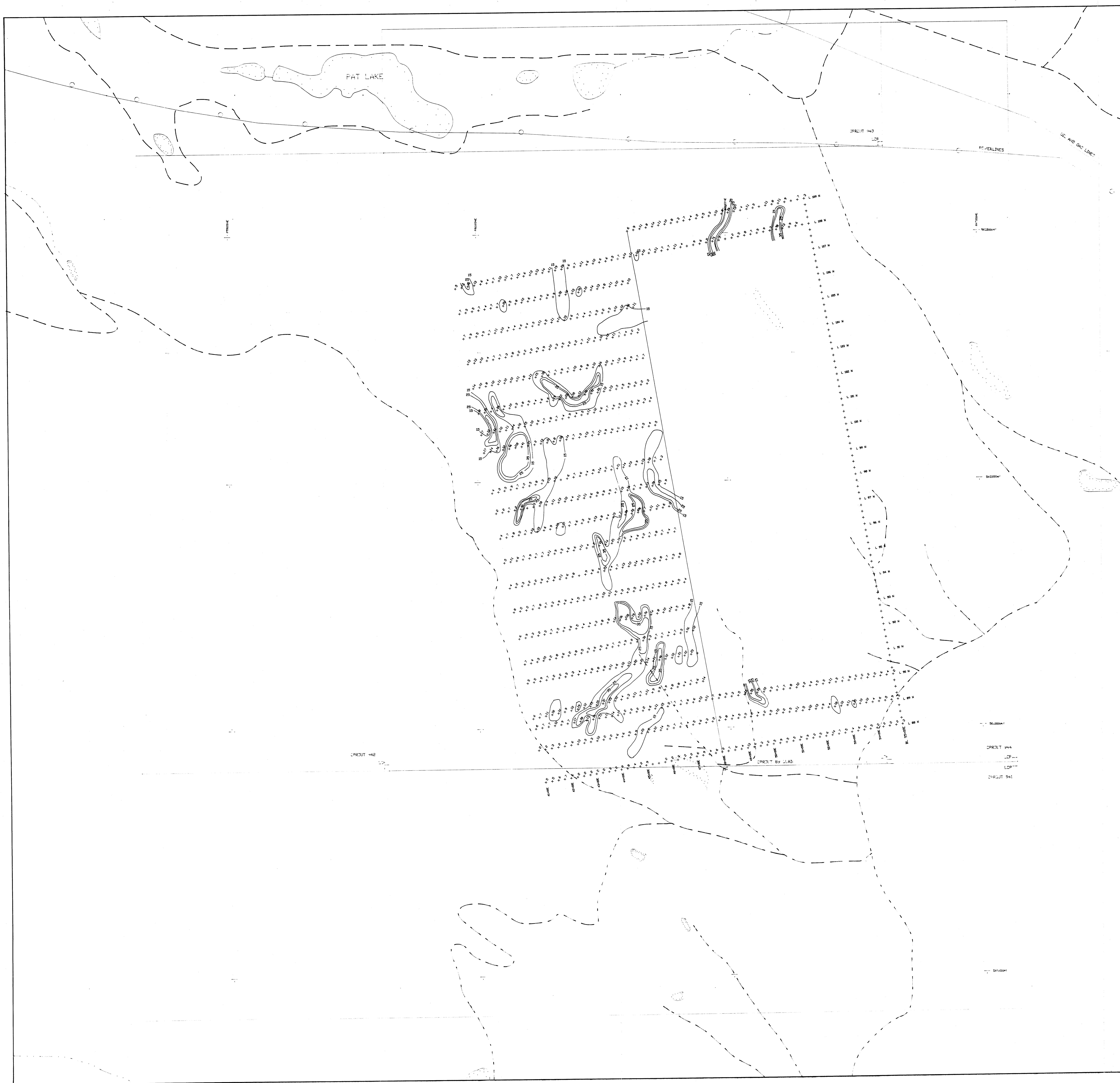
- Denotes NO SAMPLE
- SOIL GEOCHEMICAL VALUE
- GRID LINE COORDINATES
- SOIL GEOCHEMICAL VALUE CONTOUR
- CONTOUR INTERVAL 20ppb



GEOLOGICAL BRANCH  
 ASSESSMENT REPORT  
**23,720**

RIDEL RESOURCES LIMITED				
PROJECT NO. 125				
SOIL GEOCHEMICAL RESULTS				
GOLD ppb				
SCALE	DATE	BY	NTS NO.	FIGURE
1:5000	DEC/94		92 1/10	4
GEOLOGICAL CONSULTANTS LIMITED				





**SYMBOLS**

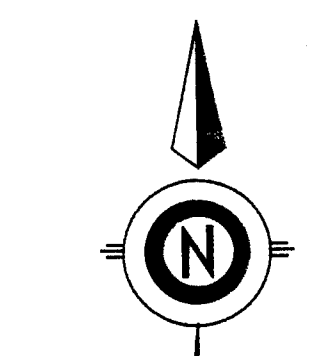
- ROADS
- LAKES, CREEKS
- POWER LINES
- OIL AND GAS LINES
- UTM COORDINATES
- GRID LINE NORTHING, EASTING
- CLAIM LINE, CLAIM NAME
- LEGAL CORNER POST

**LEGEND**

- DENOTES NO SAMPLE
- SOIL GEOCHEMICAL VALUE
- GRID LINE COORDINATES
- SOIL GEOCHEMICAL VALUE CONTOUR
- CONTOUR INTERVAL 10ppm

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,720



MAGNETIC DECLINATION 80° EAST



<b>RIDEL RESOURCES LIMITED</b>				
PROJECT NO. 125				
SOIL GEOCHEMICAL RESULTS				
ARSENIC ppm				
SCALE	DATE	BY	NTS NO.	FIGURE
1:5000	DEC/94		92 I/10	5

GEOLOGICAL CONSULTANTS LIMITED



**SYMBOLS**

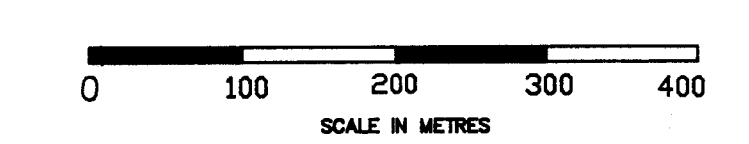
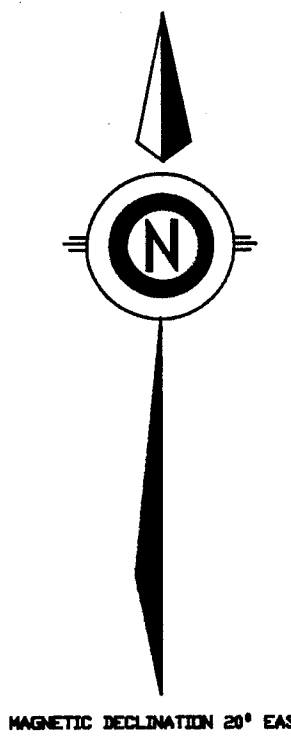
- ROADS
- LAKES, CREEKS
- POWER LINES
- OIL AND GAS LINES
- UTM COORDINATES
- GRID LINE NORTHING, EASTING
- CLAIM LINE, CLAIM NAME
- LEGAL CORNER POST

**LEGEND**

- Denotes no sample
- SOIL GEOCHEMICAL VALUE
- GRID LINE COORDINATES
- SOIL GEOCHEMICAL VALUE CONTOUR
- CONTOUR INTERVAL 4ppm

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

23,720



<b>RIDEL RESOURCES LIMITED</b>				
PROJECT NO. 125				
SOIL GEOCHEMICAL RESULTS ANTIMONY ppm				
SCALE	DATE	BY	NTS. NO.	FIGURE
1:5000	DEC/94		92 1/10	6