

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 89.03.15

ASSESSMENT REPORT 17176

MINING DIVISION: Greenwood

PROPERTY: Rice

LOCATION: LAT 49 05 42 LONG 119 09 30
UTM 11 5440041 342434
NTS 082E03E

CLAIM(S): Rice 1-4

OPERATOR(S): Rex Silver Mines

AUTHOR(S): MacDonald, R.;Fox, P.E.

REPORT YEAR: 1988, 20 Pages

COMMODITIES

SEARCHED FOR: Gold,Copper

GEOLOGICAL

SUMMARY: The property is underlain by a package of Permian Anarchist Group greenstones, cherts, argillites and quartzites in contact with Juro-Cretaceous Nelson Plutonic Rocks. Mineralization occurs as sulphide disseminations and stringers with associated gold and silver in quartz veins and as replacement bodies in shear zones along the fault contact of the two rock units.

WORK

DONE: Geochemical

LINE 72.3 km

ROCK 6 sample(s) ;ME

SOIL 608 sample(s) ;ME

Map(s) - 1; Scale(s) - 1:10 000

RELATED

REPORTS: 12368

MINFILE: 082ESW118

PROJECT 127 RICE

LOG NO: 0321	RD.
ACTION:	
FILE NO:	

GEOCHEMICAL REPORT ON THE
RICE 1 TO 4 CLAIMS
GREENWOOD MINING DIVISION
BRITISH COLUMBIA

SUB-RECORDER
RECEIVED
MAR 15 1983
M.R. # \$
VANCOUVER, B.C.

by

R. C. MacDonald, B.Sc.
and
P. E. Fox, Ph.D., P.Eng.

FOX GEOLOGICAL CONSULTANTS LTD.
1409 - 409 Granville Street
Vancouver, B.C. V6C 1T8

FILMED

for

REX SILVER MINES LTD.
3280 - 650 West Georgia Street
Vancouver, B.C. V6B 4N7

NTS 82E/3E
119°05'W 49°05'N

Work paid for by

DK PLATINUM CORPORATION
780 - 789 West Pender Street
Vancouver, B.C. V6C 1H2

January 25, 1988

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INTRODUCTION

This report summarizes the 1987 work program done on the Rice 1 to 4 claims, Greenwood Mining Division, southern B.C. (Figures 1 and 2). Soil sampling was carried out between November 7th and November 25th, 1987. A heavy snowfall precluded geological mapping.

Six hundred and eight soil samples and six rock samples were collected and analyzed for 30 elements by the inductively coupled argon plasma (ICP) method. Gold was analyzed by atomic absorption spectrophotometry. Results are given herein.

LOCATION AND ACCESS

The Rice 1 to 4 claims are located approximately 20 kilometres east and six kilometres north of Osoyoos, B.C. at 49°05'N latitude and 119°05'W longitude, between elevations 2900' and 4200'. The area is gently rolling plateau country having a thick forest cover of larch and jackpine.

Access to the east part of the claims is by Highway 3, east of Osoyoos, then along the Baldy Mountain-Canyon Bridge Road. The western part of the claims is accessed by the Alden Road approximately three kilometres from Highway 3 along the Baldy-Canyon/Bridge Road.

CLAIM INFORMATION

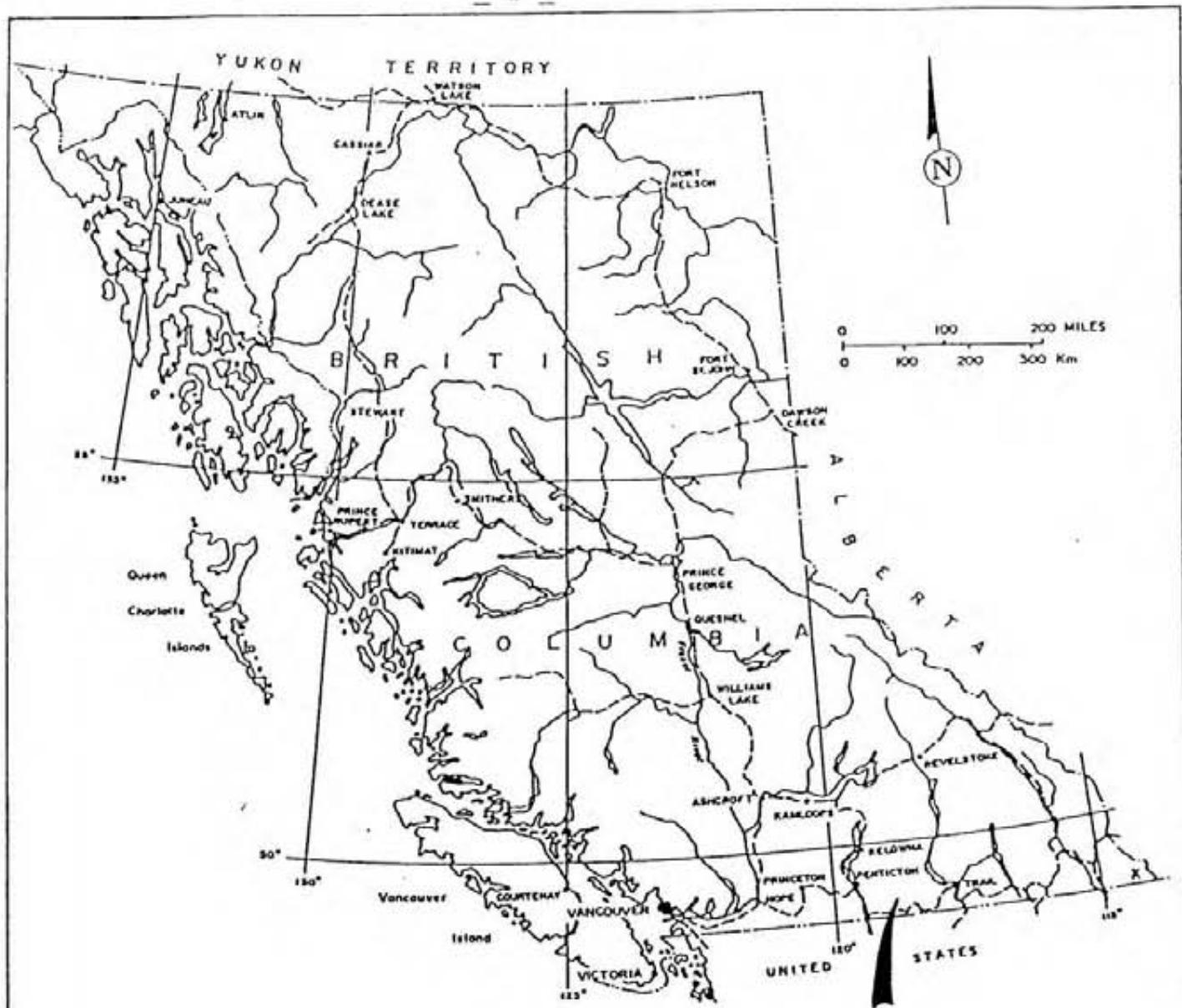
The Rice claims (Figure 2) are entirely owned by Rex Silver Mines Ltd. of Calgary, Alberta. Work described herein will advance the expiry date to March 28, 1990.

CLAIM NAME	RECORD NO.	UNITS	EXPIRY DATE
Rice 1	3667	20	March 28, 1990
Rice 2	3668	20	March 28, 1990
Rice 3	3669	20	March 28, 1990
Rice 4	3670	9	March 28, 1990

69 units for a total of 1725 hectares.

1987 WORK PROGRAM

The 1987 work program consisted of grid preparation and geochemical sampling of soils and rocks. This work was carried out between November 7th and November 25th, 1987. Six hundred and eight soil samples and six rock samples were collected on 72.3 line kilometres of grid established on the claims. Grid lines were spaced every 200 metres along a base line with sample stations at 100-metre intervals on the lines. Soil samples ranged from well developed B horizon colluvial soils to a small number of glacial subsoils. All analyses were performed by Acme Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver, B.C. Chemical procedures are described in Appendix I.



RICE CLAIMS

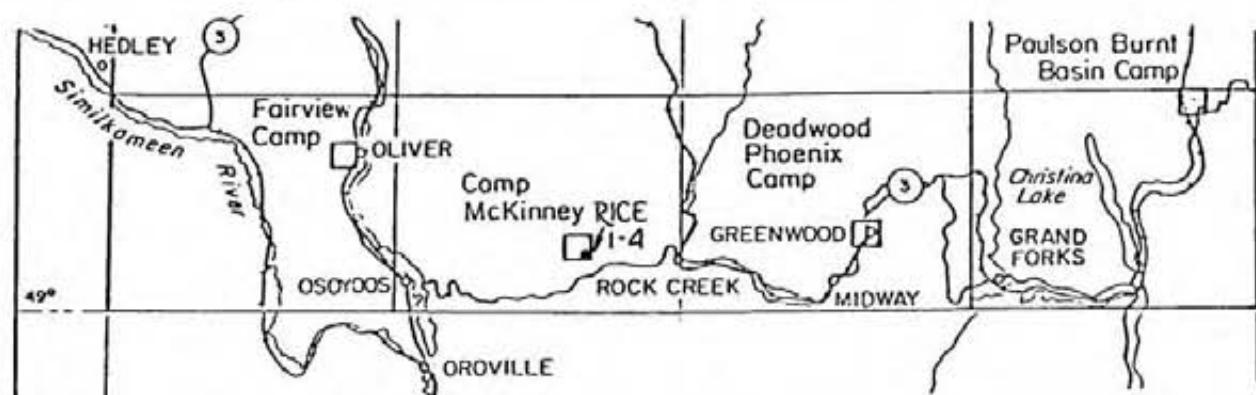


FIGURE 1. LOCATION MAP

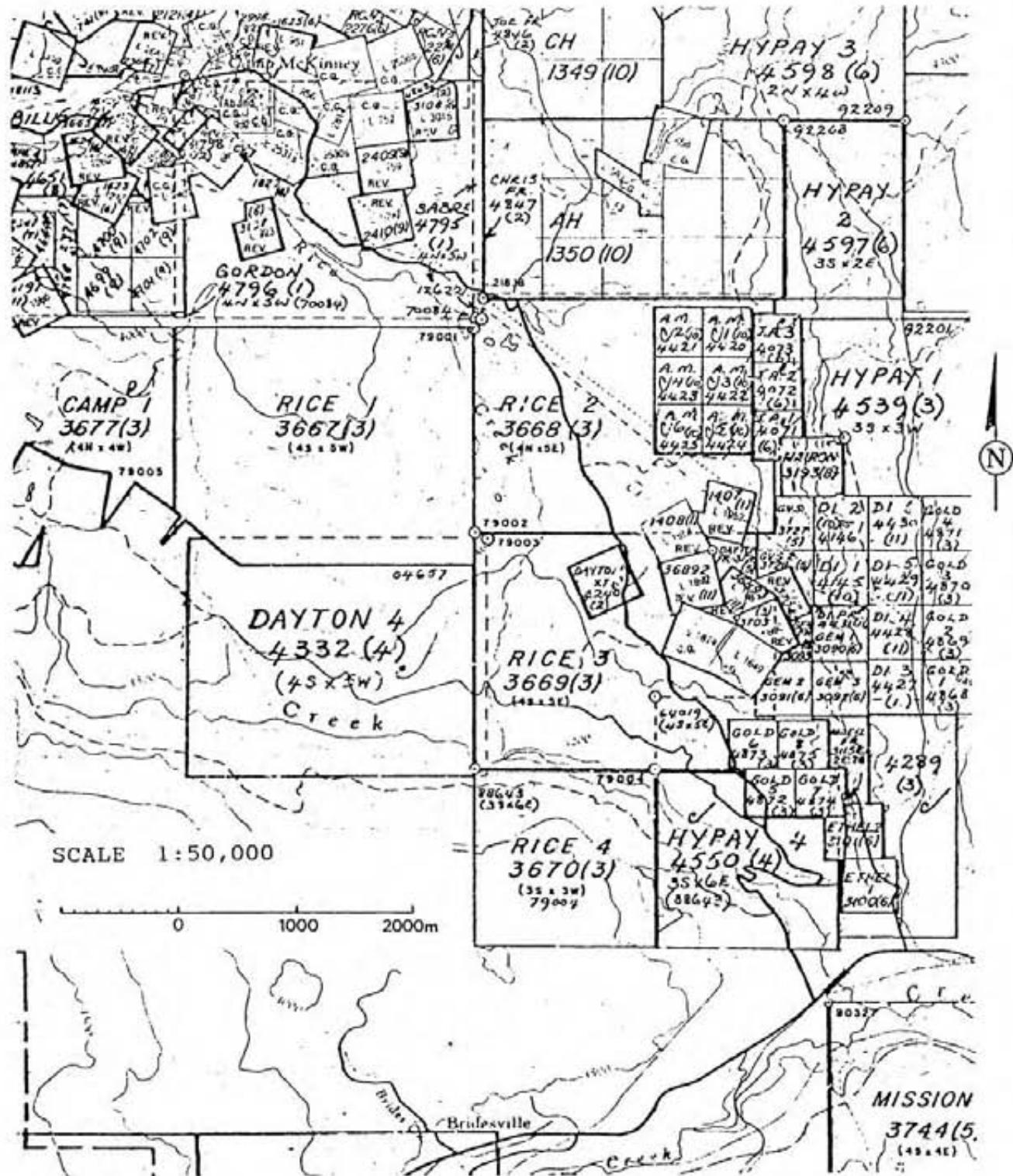


FIGURE 2. CLAIM MAP

GENERAL GEOLOGY

The geology of the property (Figure 3), taken from mapping work done by Taiga Consultants of Calgary, consists of metavolcanic and metasedimentary rocks of the Permian Anarchist Formation and intrusive rocks of the Juro-Cretaceous Nelson Batholith. Minor exposures of Eocene Penticton Group rocks occur near the eastern edge of the property.

The sedimentary members of the Anarchist Formation comprise metamorphosed equivalents of quartz arenite, chert, argillite and minor limestone. The quartzite and chert units occur mainly in the northern part of the claims. They are white, blue, green, locally highly sheared, and have a well developed schistosity with graphite weakly to moderately developed along foliation surfaces. The volcanic members include altered greenstone, greenstone and meta-andesite. The altered greenstone is a massive, light green chloritic rock with local chlorite banding and is carbonate-rich adjacent to bodies of intrusive rock. The greenstone is greenish-grey, porphyritic and strongly chloritic throughout and commonly contains up to 1% disseminated pyrite. The meta-andesite is dark grey, massive, except for local thin chlorite bands.

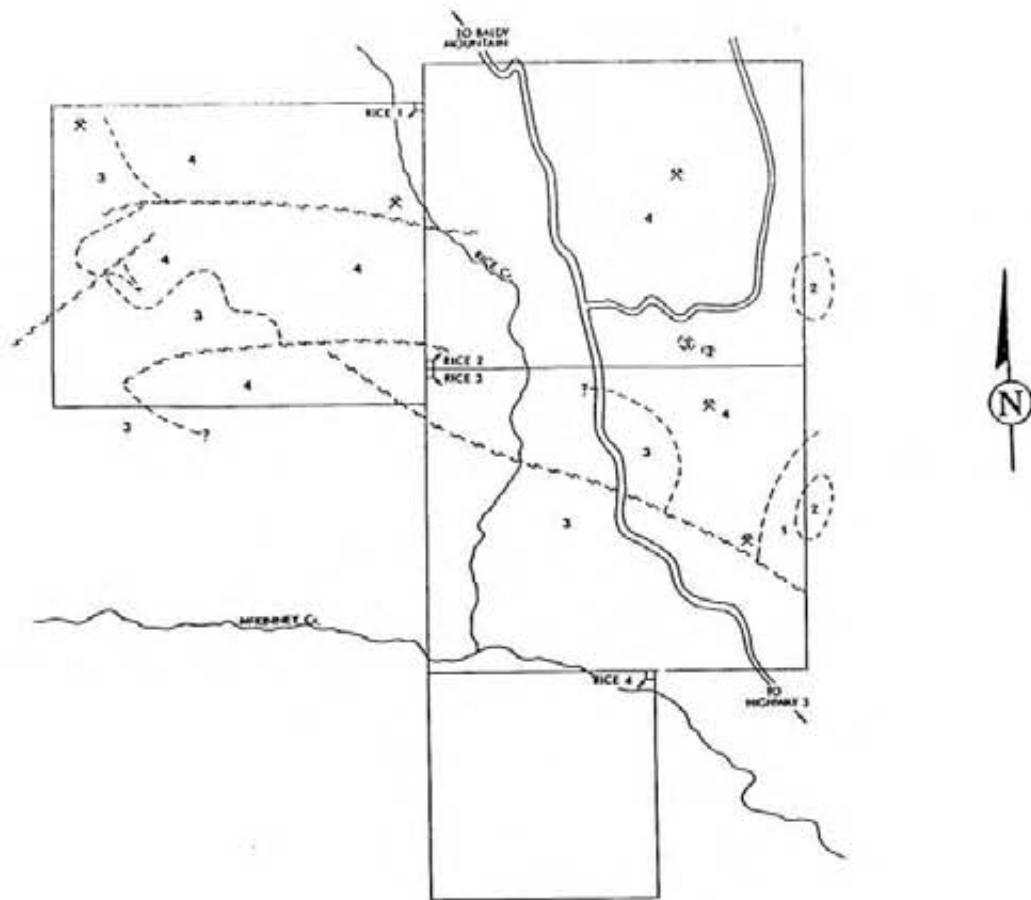
Granite and granodiorite intrusive rocks of the Nelson Batholith intrude the Anarchist Formation. These granitic rocks vary from medium to coarse grained. Pegmatitic zones are common. The contact with the anarchist formation trends southeasterly from the southern shoulder of Baldy Mountain to Highway 3 at Rock Creek.

Small exposures of the Penticton Group volcanics and sediments occur in the southeast corner of Rice 2 and the northeast corner of Rice 3. Two units are found here, the Springbrook and Marron Formations. The Springbrook Formation is a dark chert breccia overlain by a well-layered polymitic pebble conglomerate. Clasts within the conglomerate consist of black chert, chlorite schist, greenschist and feldspar porphyry andesite. Unconformably overlying the Springbrook Formation is the Kitley Lake member of the Marron Formation, which is comprised of massive trachyandesite and andesite.

Mineralized rocks occur in three different manners on the property: quartz and/or quartz-carbonate veins containing disseminated or veinlets of pyrite, base metal (gold-silver) sulphide bodies found in chemically favourable lithologies near fractures and fault zones, and zones of fault gouge in felsic dykes on the Rice 2 claim.

GEOCHEMISTRY

The geochemical survey delineated four zones of anomalous gold content in soils. Results are plotted in Figure 4. The anomaly in the northwest corner of the Rice 1 claim, located on lines 100+00E, 102+00E and 104+00E with gold contents of 95ppb, 86ppb and 79ppb respectively, is associated with quartz veins in foliated quartzite adjacent to a body of granodiorite. Three values of 4910ppb, 3230ppnb and 2350ppb on lines 124+00E, 126+00E and 128+00E respectively are a result of downstream dispersion of tailings from Camp



LEGEND

- 1** KITTEY LAKE FORMATION
- 2** SPRINGBROOK FORMATION
- 3** NELSON INTRUSION
- 4** ANARCHIST FORMATION
- ☒** SHAFTS, PITS, TRENCHES AND KNOWN MINERAL OCCURRENCES

SCALE 1:50,000

0 1000 2000m

FIGURE 3. SCHEMATIC GEOLOGY MAP

McKinney, a past gold producer. An anomalous zone of soils in the northeast corner of the Rice 3 claim is coincident with high copper values associated with known showings on Crown Lease No. L1982. This showing, on lines 140+00E, 142+00E, south of the baseline, is a silicified shear in greenstones and cherts adjacent to the intrusive body. The fourth zone, on the Rice 2 claim, is located just south of an old pit excavated by Rio-Canex in Anarchist Formation greenstones and quartzites. The remaining anomalies represent single sample highs. Two anomalous gold values were found in rock samples. Both samples were taken in the sheared greenstones on line 142+00 (Figure 4).

DISBURSEMENTS

Personnel:

MacDonald	14 days @ \$210	\$ 3,990.00
Butler	14 days @ \$180	3,420.00
Ney	14 days @ \$180	3,420.00
		<hr/>
		\$10,830.00

Geochemical Analysis:

608 soil prep. @ \$0.75	456.00
6 rock prep. @ \$3.00	18.00
614 ICP @ \$6.00	3,684.00
614 Geochem. Au @ \$4.25	2,609.50
Shipping	95.00
	<hr/>
	6,862.50

Vehicle:

19 days @ \$45/day	855.00
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Accommodation & Board:

57 mandays @ \$40/day	2,280.00
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Equipment & Supplies:	400.00
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Drafting & Report Writing:	500.00
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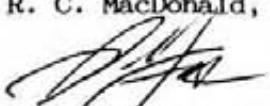
TOTAL	\$ 21,727.50
	<hr/>

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.



R. C. MacDonald, B.Sc.



P. E. Fox, Ph.D., P.Eng.
January 25, 1988

CERTIFICATE

I, Roger C. MacDonald, of the City of Vancouver, B.C. do hereby certify that:

1. I graduated from the University of British Columbia, Vancouver, in 1987 with a Bachelor of Science degree in geology.
2. I have been practising my profession as a geologist since 1987.
3. I have worked on the Rice claims for the period specified in this report.

R. MacDonald

Roger C. MacDonald, B.Sc.
January 25, 1988

A P P E N D I X I

ANALYTICAL RESULTS

by

Acme Analytical Laboratories Ltd.
852 East Hastings Street
Vancouver, B.C.

GEOCHEMICAL ICP ANALYSIS

.500 gram sample is digested with 3ml 3-1-2 HCL-HN03-H20 at 95 degrees Celsius for one hour and is diluted to 10ml with water. This leach is partial for MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SN, Y, NB and TA. AU detection limit by ICP is 3ppm. Sample type: soils -80 mesh. AU analysis by AA from 10 gram sample.

GEOCHEMICAL AU ANALYSIS BY AA

10.0 gram samples is ignited at 600 degrees celcius, digested with hot aqua regia, extracted by MIBK, analyzed by graphite furnace AA.

SAMPLE NO (D)	PB	DN	AG	WE	CO	WB	PE	AS	TH	SH	CB	SH	W	CA	P	LA	CH	WD	RE	TI	B	AL	NA	K	V	AU	TYPE	MATERIAL	MORPHOLOGY	THICKNESS	GRADE	WORTH EAST					
14045	1	15	19	85	24	6	452	2.63	66	1	2	1	36	0.11	0.18	24	17	56	226	0.18	5	2.02	0.05	0.01	1	1	SOIL	COLLUVIUM	BROWN	HILLSIDE	10m. EAST OF DRY CREEKBED	100	100				
14056	1	21	11	96	0.5	22	7	616	2.02	2	12	1	2	30	0.19	0.16	26	25	0.41	266	0.11	4	1.43	0.05	0.19	1	1	SOIL	TILL	BROWN	HILLSIDE	15m. WEST OF DRY CREEKBED	99	100			
14067	1	20	3	55	0.3	11	4	992	1.23	2	1	74	1	2	1	15	0.48	0.25	+	15	0.21	444	0.06	4	0.59	0.05	0.13	1	1	SOIL	TILL	BROWN	HILLSIDE	10m. EAST OF CREEKBED	99	100	
14068	1	58	6	12	0.4	55	1	182	1.74	2	4	56	1	2	1	18	0.75	0.64	43	15	0.19	123	0.04	3	1.08	0.05	0.05	1	1	SOIL	COLLUVIUM	BL/BRN	FLAT	ORGANIC EARTH, BOGGY AREA.	97	100	
14069	1	57	19	34	0.6	55	4	194	2.16	4	9	56	1	2	1	27	0.57	0.52	45	25	0.21	217	0.09	3	2.39	0.05	0.26	1	1	SOIL	COLLUVIUM	BROWN	FLAT	BOTTOM OF FLAT GULLY	96	100	
14070	1	15	7	61	0.4	25	6	265	1.71	2	1	28	1	2	1	24	0.25	0.14	25	27	0.11	523	0.09	2	1.52	0.04	0.16	1	1	SOIL	TILL	BROWN	FLAT	+	95	100	
14071	1	15	8	75	0.4	18	5	358	1.66	3	9	34	1	2	2	24	0.50	0.62	15	24	0.30	144	0.10	3	1.56	0.04	0.16	2	1	SOIL	TILL	BL/GRT	FLAT	WHITE ASHY "A" SUBSTRATE	94	100	
14072	1	22	2	26	0.1	15	3	177	1.15	1	4	37	1	2	1	16	0.47	0.41	16	16	0.22	48	0.04	4	0.47	0.05	0.12	1	1	SOIL	TILL	BL/GRT	FLAT	+	93	100	
14073	1	20	9	36	0.4	17	6	488	1.99	4	9	31	1	2	1	28	0.29	0.11	17	20	0.21	179	0.07	3	1.24	0.04	0.12	1	1	SOIL	TILL	BL/GRT	HILLSIDE	+	107	144	
14074	1	18	3	59	0.5	15	5	428	1.34	3	6	62	1	2	1	29	0.22	0.11	24	22	0.19	173	0.08	3	1.56	0.04	0.16	1	1	SOIL	TILL	BROWN	HILLSIDE	GRAY ASHY "A" SUBSTRATE	106	144	
14075	1	18	10	55	0.5	15	6	388	1.99	2	11	16	1	2	1	26	0.33	0.08	33	23	0.23	155	0.09	5	1.45	0.04	0.16	1	1	SOIL	TILL	BL/GRT	HILLSIDE	+	105	144	
14076	1	19	17	69	0.3	18	4	464	2.00	1	16	65	1	2	1	29	0.26	0.09	27	25	0.12	159	0.08	4	1.61	0.04	0.14	1	1	SOIL	TILL	BROWN	HILLSIDE	+	104	144	
14077	1	20	12	59	0.5	17	6	459	2.06	3	10	88	1	2	1	30	0.38	0.16	31	23	0.22	172	0.09	4	1.72	0.04	0.15	1	1	SOIL	TILL	BL/GRT	HILLSIDE	10m. EAST OF ROAD	103	144	
14078	1	20	10	72	0.4	18	6	552	1.09	3	10	87	1	2	1	25	0.29	0.13	28	22	0.25	267	0.09	5	1.29	0.05	0.15	1	1	SOIL	TILL	BL/GRT	HILLSIDE	5m. EAST OF ROAD	102	145	
14079	1	16	12	61	0.3	18	6	386	2.15	5	9	70	1	2	1	28	0.36	0.08	36	27	0.34	188	0.09	3	1.58	0.04	0.18	1	1	SOIL	TILL	BL/GRT	HILLSIDE	+	101	144	
14080	1	18	14	59	0.6	19	4	429	1.08	5	10	73	1	2	1	18	0.32	0.11	27	23	0.32	174	0.05	4	1.65	0.04	0.16	1	1	SOIL	TILL	BL/GRT	HILLSIDE	+	100	144	
14081	1	23	9	61	0.1	18	6	441	1.06	3	6	12	1	2	1	27	0.23	0.07	14	22	0.29	142	0.08	3	1.28	0.03	0.18	1	1	SOIL	TILL	BL/GRT	FLAT	+	107	142	
14082	1	22	18	59	0.5	11	5	768	1.47	22	6	27	1	2	1	29	0.22	0.05	14	45	0.14	158	0.07	3	1.52	0.04	0.16	1	1	SOIL	TILL	BROWN	FLAT	+	106	142	
14083	1	21	13	69	0.5	21	6	396	1.06	2	5	63	1	2	1	30	0.30	0.07	25	27	0.34	179	0.08	3	1.65	0.04	0.14	1	1	SOIL	TILL	BL/GRT	HILLSIDE	GRAY ASHY SOIL NEAR SURFACE	105	142	
14084	1	21	7	67	0.6	27	7	517	1.05	5	8	62	1	2	1	28	0.24	0.05	20	10	0.34	171	0.08	5	1.55	0.04	0.15	1	1	SOIL	TILL	BL/GRT	FLAT	5m. WEST OF ROAD	104	142	
14085	1	17	11	69	0.3	22	6	468	2.11	2	1	82	1	2	1	29	0.30	0.07	21	26	0.15	165	0.09	4	1.87	0.04	0.15	1	1	SOIL	TILL	BL/GRT	FLAT	+	103	142	
14086	1	19	10	69	0.5	21	7	389	2.19	9	10	76	1	2	1	28	0.21	0.08	31	22	0.39	173	0.10	3	1.66	0.04	0.16	1	1	SOIL	TILL	BL/GRT	FLAT	+	103	142	
14087	1	17	14	75	0.5	19	6	358	2.37	4	13	68	1	2	1	25	0.22	0.06	14	22	0.26	150	0.11	4	1.77	0.04	0.16	1	1	SOIL	TILL	BROWN	FLAT	HILLSIDE	+	101	142
14088	2	20	15	61	0.1	22	7	475	2.11	2	10	69	1	2	1	28	0.25	0.05	15	22	0.26	158	0.09	5	1.55	0.04	0.11	1	1	SOIL	TILL	BL/GRT	FLAT	1m. EAST OF POWER LINES	100	142	
14089	1	22	8	63	0.3	14	8	469	1.99	3	14	34	1	2	1	29	0.24	0.05	14	22	0.26	166	0.08	4	1.52	0.04	0.11	1	1	SOIL	TILL	BROWN	HILLSIDE	TOP OF LARGE O/C. SAMPLED 10m. WEST	107	140	
14090	1	17	5	59	0.1	27	6	489	1.65	3	22	33	1	2	1	28	0.25	0.09	21	21	0.29	153	0.07	3	1.45	0.04	0.12	1	1	SOIL	TILL	BL/GRT	FLAT	GULLY	106	140	
14091	1	23	40	122	2.0	27	11	656	2.21	104	5	25	1	2	1	36	0.19	0.04	9	24	0.45	126	0.08	2	2.11	0.04	0.05	1	1	SOIL	TILL	BROWN	HILLSIDE	ON AN OUTCROP	105	140	
14092	1	71	20	124	0.4	64	13	373	2.56	21	5	25	1	2	1	27	0.26	0.09	13	57	0.72	141	0.07	3	1.52	0.04	0.18	1	1	SOIL	TILL	BROWN	FLAT	+	104	140	
14093	1	34	9	57	0.1	33	8	600	2.16	10	3	13	1	2	1	22	0.22	0.03	11	48	0.58	88	0.07	3	1.27	0.04	0.10	1	1	SOIL	TILL	BL/GRT	FLAT	+	103	140	
14094	1	20	10	67	0.6	26	8	488	1.39	13	7	46	1	2	1	29	0.29	0.06	14	33	0.41	123	0.08	3	1.45	0.04	0.12	1	1	SOIL	TILL	BL/GRT	FLAT	1m. NORTH OF POWER LINES	103	140	
14095	1	22	10	72	0.2	26	7	598	2.04	8	7	51	1	2	1	26	0.25	0.09	19	26	0.40	172	0.08	4	1.63	0.05	0.10	1	1	SOIL	TILL	BROWN	FLAT	DIRECTLY UNDER POWER LINES	101	140	
14096	1	31	5	61	0.4	35	3	434	2.73	5	3	45	1	2	1	44	0.32	0.04	34	55	0.67	160	0.10	3	1.63	0.05	0.18	1	1	SOIL	TILL	BL/GRT	FLAT	100.5M. SOUTH OF SMALL OUTCROP	100	140	
14097	1	25	8	54	0.1	23	20	319	2.09	1	2	31	1	2	1	26	0.15	0.03	17	23	0.49	117	0.09	2	1.32	0.04	0.16	1	1	SOIL	TILL	BL/GRT	FLAT	+	101	138	
14098	1	25	1	51	0.1	28	10	490	2.64	2	6	24	1	2	1	27	0.29	0.05	14	33	0.61	158	0.08	3	1.72	0.04	0.19	1	1	SOIL	TILL	BL/GRT	FLAT	+	102	138	
14099	2	27	11	70	0.2	28	8	672	2.23	5	4	21	1	2	1	27	0.26	0.05	12	22	0.41	151	0.07	2	1.46	0.04	0.14	1	1	SOIL	TILL	BROWN	FLAT	HILLSIDE UNDER POWER LINES	103	138	
14100	2	21	13	91	0.1	28	8	771	2.43	12	8	27	1	2	1	30	0.26	0.04	14	24	0.45	176	0.09	5	2.13	0.04	0.07	1	1	SOIL	TILL	BROWN	FLAT	104.5M. WEST OF HILLTOP	105	138	
14101	1	19	5	57	0.5	15	15	355	2.13	15	3	55	1	2	1	26	0.25	0.05	11	17	0.54	182	0.08	5	1.52	0.04	0.06	1	1	SOIL	TILL	BROWN	FLAT	HILLSIDE 10m. SOUTH OF SHAMP	106	138	
14102	1	22	10	63	0.4	28	8	263	2.28	2	7	27	1	2	1	35	0.20	0.05	15	36	0.37	145	0.09	3	1.39	0.04	0.08	1	1	SOIL	TILL	BROWN	FLAT	1			

SAMPLE NO.	CD	SD	DR	AG	ME	OD	MN	PR	AS	TG	SR	CD	SD	DR	CA	EL	LA	CR	ME	BM	SD	E	ML	M	E	V	AM	TYPE	MATERIAL	SOIL COLOR	TOPO	SEMAPS	WATER FLOW		
16217	1	18	12	52	0.2	16	5	271	2.00	1	9	35	1	1	3	53	0.34	0.08	21	25	0.01	145	0.05	5	1.01	0.04	1.15	3	1	SOIL	THEL	B	BRWN	HILLSIDE	104-146
16228	1	24	12	51	2.3	30	5	231	0.34	4	11	50	1	2	3	54	0.27	0.05	25	20	0.07	179	0.09	4	1.03	0.04	0.14	1	1	SOIL	THEL	B	BRWN	HILLSIDE GENTLE SLOPE	104-146
16231	1	19	12	65	0.2	24	8	402	2.45	5	1	43	1	1	3	53	0.35	0.02	14	25	0.18	125	0.05	4	1.01	0.04	0.11	1	1	SOIL	THEL	B	BRWN	HILLSIDE	104-146
16239	1	21	12	53	0.2	31	7	592	0.45	5	11	45	1	2	3	53	0.37	0.02	20	21	0.01	138	0.10	2	1.02	0.04	0.16	1	1	SOIL	THEL	B	BRWN	FLAT	107-142
16231	1	15	11	41	0.2	17	6	216	1.05	4	7	34	1	1	3	53	0.32	0.05	15	25	0.37	129	0.09	3	1.04	0.04	0.15	1	1	SOIL	THEL	B	BRWN	GENTLE HILLSIDE	104-146
16232	1	29	3	49	0.3	15	5	214	1.92	2	11	31	1	2	3	54	0.37	0.02	21	15	0.16	27	0.08	3	1.50	0.05	0.16	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16233	1	22	1	46	0.2	19	6	212	2.01	1	8	35	1	1	3	53	0.33	0.05	16	25	0.13	156	0.09	1	1.05	0.04	0.10	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16234	1	21	1	45	0.2	18	4	199	1.73	3	13	46	1	1	3	53	0.28	0.03	21	25	0.03	163	0.07	2	1.01	0.04	0.12	1	1	SOIL	THEL	B	BRWN	GULLY CROWN SIDE OF DRY CREEK	104-146
16235	1	14	11	56	0.2	16	5	238	1.62	3	8	32	1	1	3	53	0.33	0.05	15	31	0.04	135	0.05	3	0.95	0.04	0.11	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16236	1	11	9	37	0.3	13	5	234	1.71	2	9	46	1	1	3	53	1.07	0.03	15	25	0.01	148	0.10	4	1.30	0.05	0.11	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16237	1	17	11	41	0.2	15	4	215	1.55	1	9	40	1	1	3	53	0.40	0.05	15	31	0.15	97	0.11	3	1.13	0.05	0.12	1	1	SOIL	THEL	B	BRWN	FLAT SLICK SOIL	104-146
16238	1	23	4	138	0.3	36	7	226	2.00	6	9	45	1	1	3	53	0.27	0.16	14	35	0.25	133	0.08	3	1.07	0.04	0.13	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16231	1	17	12	59	0.1	35	8	655	1.63	4	4	43	1	2	3	52	0.22	0.12	1	31	0.07	177	0.07	3	1.21	0.04	0.05	1	1	SOIL	THEL	B	BRWN	SOIL ANDERSON SOIL	107-145
16239	1	22	10	36	0.2	29	7	314	0.11	6	7	32	1	1	3	50	0.21	0.10	16	31	0.01	114	0.06	2	1.46	0.04	0.07	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16231	1	16	10	149	0.2	27	6	338	2.28	1	8	43	1	1	3	53	0.27	0.13	23	25	0.07	96	0.04	4	1.15	0.05	0.10	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16232	1	15	9	123	0.1	16	6	150	1.30	14	4	28	1	2	3	53	0.13	0.10	12	31	0.07	230	0.06	4	1.48	0.05	0.13	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16233	2	51	6	55	0.2	35	15	195	1.17	3	3	47	1	1	3	53	0.30	0.24	3	31	0.06	413	0.06	1	1.44	0.06	0.12	1	1	SOIL	THEL	B	BRWN	FLAT ANDERSON SOIL	108-131
16234	1	15	8	36	0.4	23	3	242	2.59	10	10	34	1	2	3	54	0.25	0.08	20	32	0.45	121	0.06	2	1.36	0.04	0.13	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16235	1	24	6	64	0.2	26	8	231	2.47	3	8	25	1	1	3	53	0.30	0.05	15	34	0.18	74	0.07	4	1.25	0.04	0.12	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16236	1	23	7	75	0.2	29	7	445	1.63	6	7	37	1	2	3	53	0.32	0.06	17	40	0.01	145	0.08	5	1.57	0.04	0.11	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16237	1	21	8	60	0.2	26	8	312	2.28	4	8	40	1	2	3	53	0.35	0.05	15	35	0.03	123	0.06	3	1.51	0.04	0.14	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16238	1	31	8	52	0.2	22	9	236	2.47	11	31	31	1	2	3	53	0.35	0.07	18	41	0.02	133	0.09	2	1.72	0.04	0.15	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16239	1	51	5	45	0.1	28	10	245	2.72	2	7	32	1	2	3	53	0.35	0.05	17	41	0.01	107	0.06	3	1.55	0.04	0.17	1	1	SOIL	THEL	B	BRWN	HILLSIDE	102-134
16240	1	32	10	51	0.4	28	20	419	2.74	2	7	32	1	2	3	53	0.33	0.11	15	45	0.51	115	0.05	3	1.81	0.04	0.09	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16241	1	34	10	44	0.2	20	7	361	2.35	3	8	25	1	1	3	53	0.35	0.05	15	25	0.07	109	0.10	4	1.53	0.04	0.11	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16242	1	28	12	73	0.4	28	7	339	2.19	3	9	31	1	2	3	54	0.27	0.10	18	30	0.35	131	0.10	3	1.87	0.04	0.11	1	1	SOIL	THEL	B	BRWN	FLAT	104-146
16243	1	20	10	85	0.4	23	6	218	2.07	9	3	35	1	2	3	53	0.33	0.10	15	35	0.14	127	0.06	5	1.94	0.05	0.16	1	1	SOIL	THEL	B	BRWN	HILLSIDE PIPELINE AT 105-200 APPROX.	106-134
16244	1	21	4	49	0.2	21	6	204	2.16	2	9	33	1	2	3	54	0.24	0.04	18	34	0.32	211	0.10	2	1.43	0.04	0.12	1	1	SOIL	THEL	B	BRWN	FLAT SIDEWALK	104-134
16245	1	16	16	45	0.1	23	6	175	2.15	1	10	33	1	1	3	52	0.28	0.01	25	35	0.14	126	0.10	3	1.57	0.04	0.12	1	1	SOIL	THEL	B	BRWN	FLAT	104-134
16246	1	24	4	38	0.1	15	6	366	2.26	5	10	26	1	2	3	53	0.25	0.07	14	37	0.34	128	0.10	3	1.53	0.04	0.05	1	1	SOIL	THEL	B	BRWN	FLAT	104-134
16247	1	12	15	56	0.1	26	5	171	1.77	2	10	20	1	2	3	51	0.37	0.08	15	33	0.26	117	0.06	5	1.51	0.04	0.07	1	1	SOIL	THEL	B	BRWN	FLAT	104-134
16248	1	22	12	58	0.3	25	6	220	2.15	4	12	36	1	2	3	52	0.33	0.10	11	35	0.34	134	0.10	3	1.78	0.04	0.11	1	1	SOIL	THEL	B	BRWN	FLAT SIDEWALK FLAT	104-134
16249	1	16	6	52	0.2	34	5	164	1.03	3	13	35	1	1	3	54	0.30	0.06	25	53	0.41	69	0.05	2	0.92	0.04	0.16	1	1	SOIL	THEL	B	BRWN/BLRT	HILLSIDE POOR SOIL DEVELOPMENT	104-136
16250	1	57	7	73	0.5	33	8	185	2.01	3	31	36	1	2	3	51	0.26	0.10	22	43	0.42	52	0.10	3	1.49	0.04	0.17	1	1	SOIL	THEL	B	BRWN	FLAT	101-139
16251	1	11	6	48	0.2	38	5	210	2.06	2	42	38	1	2	3	52	0.25	0.06	24	65	0.09	87	0.01	2	0.69	0.03	0.03	1	1	SOIL	THEL	B	BRWN	FLAT SIDEWALK OF WHITE ASHY SOIL ON TOP	109-138
16252	1	51	7	38	0.1	40	5	231	1.33	3	31	33	1	2	3	51	0.22	0.04	19	67	0.05	138	0.08	2	0.74	0.03	0.12	2	1	SOIL	THEL	B	BRST	FLAT	109-132
16253	1	10	6	40	0.1	30	5	219	1.67	2	10	36	1	2	3	53	0.25	0.06	15	52	0.34	82	0.06	2	0.75	0.02	0.11	1	1	SOIL	COLLECT	B	GRNT	HILLSIDE	103-132
16254	1	11	2	33	0.1	39	5	179	1.82	3	50	32	1	2	3	53	0.25	0.08	18	66	0.38	62	0.05	4	0.71	0.03	0.12	1	1	SOIL	COLLECT	B	GRNT	HILLSIDE	103-132
16255	1	13	9	42	0.3	35	5	202	1.81	2	13	31	1	2	3	53	0.26	0.10	15	49	0.35	61	0.05	3	1.16	0.03	0.12	1	1	SOIL	COLLECT	B	GRNT	HILLSIDE	103-132
16256	1	12																																	

Sample ID	Row	Col	LN	AC%	ML	DD	HR	FS	AS	TH	SL	CD	SF	CA	P	SiO ₂	OK	MC	2A	TH1	6	Al	Mn	I	N	Wd	Type	Material	Aspect	Scale	RCR	Remarks	Grid Ref.	
16274	1	13	2	47	0.6	29	E	260	2.14	1	14	36	1	1	2	35	0.5	0.10	19	31	0.45	37	0.10	6	1.03	0.04	0.24	1	1 SOIL TILL	1	35.9%	HILLSIDE	103 102	
16275	1	23	5	35	0.2	77	34	229	2.08	6	10	38	1	3	2	48	0.27	0.11	14	39	0.21	170	0.12	5	1.36	0.04	0.14	1	1 SOIL TILL	2	35.9%	HILLSIDE	103 102	
16276	1	23	11	93	0.1	56	14	465	2.03	4	13	34	1	3	2	41	0.25	0.10	13	65	1.03	261	0.12	3	1.67	0.05	0.10	1	1 SOIL TILL	3	35.9%	HILLSIDE 300' WEST OF HILLSIDE	103 102	
16277	1	23	13	73	2.1	61	16	323	2.02	2	10	44	1	2	3	41	0.26	0.10	13	72	0.70	173	0.12	3	1.61	0.04	0.16	1	1 SOIL TILL	2	35.9%	HILLSIDE	103 102	
16278	1	23	21	128	0.2	76	15	513	2.02	5	6	31	1	2	2	41	0.25	0.10	13	63	0.50	255	0.12	2	1.83	0.05	0.11	1	1 SOIL TILL	3	35.9%	HILLSIDE	103 102	
16279	1	24	17	281	0.2	37	15	55	2.09	7	11	41	1	2	1	16	0.28	0.11	13	51	0.51	193	0.11	5	2.12	0.05	0.20	1	1 SOIL TILL	3	35.9%	HILLSIDE 100' NORTH OF HILLSIDE	103 102	
16280	1	42	16	140	0.1	102	17	263	2.04	1	12	38	1	2	2	50	0.21	0.13	13	34	0.95	155	0.13	2	2.30	0.05	0.23	1	1 SOIL TILL	3	35.9%	HILLSIDE	104 103	
16281	1	23	14	112	0.1	47	1	453	2.09	3	6	36	1	2	1	34	0.28	0.15	11	54	0.46	193	0.15	3	1.32	0.04	0.15	1	1 SOIL TILL	3	35.9%	GLEY	103 102	
16282	1	23	14	112	0.1	39	16	45	2.02	1	12	36	1	2	2	46	0.25	0.17	14	49	1.34	193	0.12	3	2.10	0.04	0.14	1	1 SOIL TILL	3	35.9%	FLAT	103 102	
16283	1	23	14	90	0.1	38	1	351	1.49	3	9	33	1	2	2	31	0.36	0.12	11	41	0.42	161	0.08	3	1.06	0.03	0.17	1	1 SOIL TILL	3	35.9%	HILLSIDE	103 102	
16284	1	36	17	134	0.2	70	12	460	2.04	6	7	37	1	2	2	46	0.21	0.11	15	61	0.66	245	0.13	4	2.47	0.05	0.14	1	1 SOIL TILL	3	35.9%	FLAT	104 103	
16285	1	11	3	35	0.1	32	1	333	1.56	4	5	50	1	2	2	27	0.23	0.13	12	68	0.16	161	0.02	3	1.28	0.04	0.05	1	1 SOIL TILL	2	35.9%	FLAT	104 103	
16286	1	8	4	34	0.2	15	8	329	1.71	3	4	54	1	2	2	51	0.23	0.13	9	34	0.27	164	0.09	3	0.50	0.04	0.12	1	1 SOIL TILL	3	35.9%	BROWN	103 102	
16287	1	24	7	75	0.1	29	5	37	1.46	6	1	32	1	2	2	35	0.27	0.13	10	25	0.31	189	0.05	3	1.42	0.04	0.10	1	1 SOIL TILL	3	35.9%	FLAT	103 102	
16288	1	17	10	114	0.1	38	8	338	0.79	5	6	32	1	2	2	35	0.21	0.10	10	37	0.43	160	0.10	3	1.58	0.04	0.05	1	1 SOIL TILL	3	35.9%	FLAT	103 102	
16289	1	21	9	147	0.2	43	2.02	2	3	37	22	5	16	42	45	0.25	0.16	12	45	0.45	258	0.15	3	1.63	0.04	0.11	1	1 SOIL TILL	3	35.9%	HILLSIDE	104 103		
16290	1	35	25	79	0.1	31	5	192	1.61	5	5	36	1	2	2	26	0.17	0.13	8	37	0.28	81	0.08	1	1.13	0.04	0.13	1	1 SOIL TILL	3	35.9%	HILLSIDE	104 103	
16291	1	13	6	74	0.1	27	8	60	1.15	1	7	33	1	2	2	31	0.24	0.10	9	43	0.46	215	0.08	2	0.95	0.04	0.14	1	1 SOIL TILL	3	35.9%	BROWN/GRAY	103 102	
16292	1	26	8	95	0.1	40	10	498	2.37	5	4	41	1	2	2	43	0.34	0.10	10	47	0.49	261	0.13	3	1.35	0.05	0.17	1	1 SOIL TILL	3	35.9%	HILLSIDE	104 103	
16293	1	18	8	147	0.1	31	5	223	2.39	7	1	49	1	2	2	41	0.35	0.14	10	104	0.31	266	0.13	3	1.84	0.05	0.10	1	1 SOIL TILL	3	35.9%	HILLSIDE	103 102	
16294	1	53	12	192	0.1	30	33	557	2.70	9	10	35	1	2	2	45	0.30	0.16	12	39	0.95	181	0.12	5	2.07	0.05	0.20	1	2 SOIL TILL	3	35.9%	SUBSOIL/HILLSIDE	104 103	
16295	1	32	14	141	0.2	75	13	368	2.12	7	12	52	1	2	2	43	0.13	0.16	11	67	0.17	256	0.13	4	1.37	0.05	0.17	1	2 SOIL TILL	3	35.9%	SUBSOIL/HILLSIDE	103 102	
16296	1	56	22	160	0.6	68	11	326	2.38	5	10	43	1	2	2	19	0.38	0.14	13	71	0.75	172	0.12	3	1.66	0.05	0.15	1	1 SOIL TILL	3	35.9%	SUBSOIL/GREY	103 102	
16297	1	51	13	137	0.1	55	14	324	0.94	8	5	23	1	2	2	51	0.26	0.17	15	47	0.16	261	0.14	3	1.35	0.05	0.17	1	1 SOIL TILL	3	35.9%	HILLSIDE	104 103	
16298	1	36	3	161	0.2	45	13	224	2.82	7	8	30	1	2	2	46	0.29	0.11	34	45	0.75	196	0.13	2	1.79	0.04	0.21	1	1 SOIL TILL	3	35.9%	HILLSIDE	104 103	
16299	1	14	11	55	0.1	25	5	245	1.51	1	5	35	1	2	2	31	0.21	0.07	15	37	0.34	131	0.06	2	1.13	0.04	0.17	1	1 SOIL TILL	3	35.9%	BRADST	104 103	
16300	1	15	3	54	0.2	52	5	232	2.32	2	8	52	1	2	2	31	0.22	0.11	15	35	0.35	142	0.05	2	1.31	0.04	0.10	1	1 SOIL TILL	3	35.9%	FLAT	TAKE 4N: WEST OF ROAD	104 103
16301	1	16	5	69	0.3	25	1	287	1.95	2	6	41	1	2	2	30	0.21	0.10	16	36	0.35	141	0.08	2	1.10	0.04	0.11	1	1 SOIL TILL	3	35.9%	BRADST	104 103	
16302	1	21	4	47	0.1	21	1	343	1.39	2	5	33	1	2	2	30	0.25	0.06	12	35	0.42	136	0.08	3	1.22	0.04	0.12	1	1 SOIL TILL	3	35.9%	HILLSIDE	103 102	
16303	1	15	9	47	0.1	23	5	117	1.85	2	1	29	1	3	2	28	0.25	0.08	14	38	0.21	131	0.07	3	1.03	0.04	0.08	1	1 SOIL TILL	3	35.9%	BRADST	104 103	
16304	1	17	5	55	0.1	23	4	321	2.30	2	9	34	1	2	2	30	0.23	0.12	11	32	0.30	109	0.01	4	1.16	0.04	0.23	1	1 SOIL COLLOID	3	35.9%	HILLSIDE	103 102	
16305	1	16	11	63	0.1	22	6	317	1.31	5	6	32	1	2	2	32	0.20	0.14	16	32	0.21	122	0.27	2	1.13	0.03	0.01	1	1 SOIL COLLOID	3	35.9%	HILLSIDE	103 102	
16306	1	16	8	81	0.2	26	8	299	1.30	4	8	26	1	2	2	28	0.22	0.06	14	36	0.24	90	0.08	2	1.17	0.04	0.10	1	1 SOIL COLLOID	3	35.9%	FLAT	104 103	
16307	1	13	4	56	0.3	21	5	179	1.73	3	9	35	1	2	2	27	0.30	0.06	18	39	0.56	155	0.10	3	1.19	0.04	0.13	1	1 SOIL TILL	3	35.9%	HILLSIDE	103 102	
16308	1	12	6	52	0.1	25	5	197	1.34	2	1	26	1	2	2	29	0.22	0.07	17	42	0.36	96	0.08	2	0.97	0.03	0.07	1	1 SOIL TILL	3	35.9%	FLAT	104 103	
16309	1	13	5	53	0.1	24	3	223	1.75	2	1	28	1	2	2	26	0.21	0.06	9	66	0.55	158	0.10	3	1.18	0.04	0.11	1	1 SOIL TILL	3	35.9%	FLAT	104 103	
16310	1	13	6	56	0.1	55	11	257	2.05	2	25	37	1	2	2	46	0.26	0.19	14	32	0.56	104	0.10	2	1.35	0.04	0.15	1	2 SOIL TILL	3	35.9%	FLAT	104 103	
16311	1	9	5	48	0.1	19	4	221	1.85	2	10	31	1	2	2	30	0.24	0.04	14	38	0.29	90	0.08	3	0.74	0.03	0.11	1	1 SOIL TILL	3	35.9%	FLAT	104 103	
16312	1	31	6	40	0.1	18	5	254	1.94	2	11	41	1	2	2	33	0.30	0.10	14	39	0.35	91	0.09	4	0.88	0.04	0.13	1	1 SOIL TILL	3	35.9%	FLAT	104 103	
16313	1	48	11	58	0.1	38	5	241	1.94	6	3	40	1	2	2	23	0.32	0.05	14	31	0.34	130	0.07	3	1.28	0.04	0.12	1	1 SOIL TILL	3	35.9%	FLAT	104 103	
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Sample	W	A	D	BS	AS	TS	SR	CD	SE	RC	TV	CA	P	CA	CR	SC	PA	SI	S	AL	KA	E	N	AB	Type	Material	Serial	Color	GPS	Remarks	NSW	EST			
16404	1	15	4	11	2.1	18	6	129	1.68	2	12	53	1	2	1	19	0.25	0.09	15	53	0.17	75	0.07	1	1.00	0.03	0.11	1	1 SOIL TILL	6	BROWN	HILLSIDE	105	105	
16405	1	14	2	62	0.5	2	5	380	1.07	1	15	57	1	2	3	28	0.23	1.08	15	37	0.05	53	0.29	1	2.15	0.05	0.17	1	1 SOIL TILL	8	BROWN	HILLSIDE, LITTLE SLOPE	105	105	
16406	1	12	3	45	0.7	24	4	127	1.76	1	22	51	1	2	3	26	0.21	0.08	15	34	0.15	53	0.26	1	2.15	0.03	0.11	1	1 SOIL TILL	6	BROWN	FLAT	105	105	
16407	1	13	2	45	0.3	24	1	177	1.03	1	24	56	1	2	3	29	0.22	0.08	15	37	0.05	51	0.29	1	2.17	0.03	0.08	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16408	1	13	8	44	0.3	25	5	125	1.27	2	11	54	1	2	2	26	0.24	0.07	20	41	0.17	37	0.05	1	2.04	0.03	0.17	1	1 SOIL TILL	2	BROWN	FLAT	105	105	
16409	1	12	3	45	0.3	23	5	312	1.43	2	11	56	1	2	3	30	0.27	0.08	35	39	0.06	53	0.28	2	2.45	0.04	0.12	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16410	1	13	2	25	0.3	23	5	35	0.77	2	18	51	1	2	3	27	0.36	0.06	15	32	0.15	63	0.26	2	2.05	0.04	0.13	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16411	1	12	4	11	126	0.3	160	13	324	0.85	11	21	59	1	2	3	43	0.19	0.12	15	103	0.62	235	0.15	3	2.71	0.05	0.09	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105
16412	1	14	2	62	0.3	56	5	532	1.50	2	1	57	1	2	3	33	0.16	0.05	5	52	0.14	566	0.05	2	2.93	0.04	0.11	1	1 SOIL CULTIVATION	5	BROWN	HILLSIDE, ROCK FLAT	105	105	
16413	1	13	12	105	0.3	150	12	377	1.04	5	10	58	1	2	3	50	0.28	0.05	15	72	0.21	335	0.15	2	2.31	0.05	0.20	1	1 SOIL CULTIVATION	5	BROWN	FLAT	105	105	
16414	1	13	15	119	0.3	56	11	328	0.45	5	12	53	1	2	3	46	0.29	0.11	14	75	0.12	169	0.14	3	2.48	0.06	0.13	1	1 SOIL TILL	5	BROWN	FLAT	105	105	
16415	1	12	3	71	0.3	45	8	277	1.97	3	7	52	1	2	3	31	0.26	0.09	15	37	0.05	144	0.10	3	1.92	0.04	0.06	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16416	1	13	11	24	0.3	45	1	257	2.01	2	5	53	1	2	3	34	0.21	0.09	14	50	0.15	159	0.10	2	2.12	0.03	0.04	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16417	1	12	3	59	0.3	35	6	155	1.83	2	8	57	1	2	3	26	0.25	0.08	15	66	0.45	132	0.11	2	2.51	0.04	0.12	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16418	1	13	11	57	0.3	45	1	302	2.05	2	16	52	1	2	3	32	0.26	0.14	15	43	0.14	149	0.10	3	2.75	0.04	0.05	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16419	1	12	12	116	0.3	35	6	401	1.77	2	8	52	1	2	3	27	0.23	0.14	15	33	0.16	195	0.10	2	2.15	0.04	0.10	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16420	1	12	13	55	0.3	32	5	371	2.04	2	5	55	1	2	3	34	0.24	0.16	15	40	0.41	159	0.10	1	2.10	0.04	0.10	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16421	1	12	8	113	0.3	46	5	355	2.01	4	9	52	1	2	3	25	0.26	0.10	15	50	0.51	255	0.10	2	2.85	0.04	0.12	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16422	1	13	8	87	0.3	52	5	252	2.57	12	31	51	1	2	3	41	0.24	0.10	15	52	0.54	155	0.11	2	2.40	0.04	0.15	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16423	1	12	59	0.3	38	7	218	1.81	2	6	59	1	2	3	27	0.23	0.05	9	43	0.40	161	0.10	3	2.23	0.04	0.13	1	1 SOIL CULTIVATION	8	BROWN	HILLSIDE	105	105		
16424	1	13	14	103	0.3	45	16	471	1.50	16	15	51	1	2	3	48	0.24	0.18	12	64	0.75	313	0.13	4	2.31	0.03	0.21	1	1 SOIL CULTIVATION	5	BROWN	FLAT	SOULIER AREA	105	105
16425	1	10	17	115	0.3	66	12	456	1.60	7	56	1	2	3	42	0.30	0.30	21	66	0.15	302	0.12	4	2.76	0.05	0.25	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105		
16426	1	13	8	105	0.3	153	18	495	1.01	14	1	23	5	1	2	52	0.36	0.08	9	68	0.17	213	0.15	2	2.05	0.05	0.30	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16427	1	10	12	156	0.3	192	12	247	2.13	21	21	52	1	2	3	21	0.23	0.05	15	43	0.45	161	0.13	4	2.07	0.05	0.11	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16428	1	14	15	173	0.3	61	11	388	2.03	1	24	51	1	2	3	43	0.24	0.12	18	38	0.62	284	0.11	3	1.95	0.04	0.13	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16429	1	19	8	103	0.3	45	6	250	2.37	6	9	53	1	2	3	27	0.24	0.17	17	38	0.43	255	0.10	2	2.77	0.04	0.12	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16430	1	12	3	91	0.3	39	7	274	1.95	2	22	54	1	2	3	31	0.23	0.18	16	31	0.47	233	0.10	3	2.18	0.04	0.09	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16431	1	11	12	107	0.3	36	5	411	2.02	4	9	54	1	2	3	21	0.24	0.15	15	44	0.41	213	0.08	3	2.18	0.04	0.16	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105	
16432	1	13	3	9	77	0.1	58	5	246	1.58	5	6	56	1	2	3	27	0.21	0.08	9	40	0.31	123	0.17	2	2.03	0.04	0.07	1	1 SOIL TILL	8	BROWN	HILLSIDE	105	105
16433	1	12	3	58	0.2	44	7	213	2.00	6	7	57	1	2	3	24	0.21	0.07	11	35	0.41	126	0.09	3	2.37	0.03	0.12	1	1 SOIL TILL	8	BROWN	HILLSIDE, WATER FLAT	105	105	
16434	1	15	8	65	0.1	30	5	294	1.55	5	6	58	1	2	3	29	0.26	0.08	11	32	0.31	144	0.09	3	2.14	0.04	0.16	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16435	1	13	3	60	0.1	46	5	421	2.14	5	6	53	1	2	3	26	0.25	0.07	15	36	0.42	208	0.10	4	2.46	0.04	0.16	1	1 SOIL TILL	8	BROWN	FLAT, SIDE SLOPE, INTERNAL, LOGGING SLAB	105	105	
16436	1	21	2	39	0.1	44	9	322	2.55	1	5	52	1	2	3	44	0.26	0.07	11	43	0.47	196	0.11	2	2.76	0.05	0.14	1	1 SOIL CULTIVATION	8	BROWN	FLAT, BOUNDARY & POSSIBLE RUBBISH	105	105	
16437	1	13	1	1	66	0.1	31	1	256	1.92	6	21	52	1	2	3	27	0.27	0.12	14	32	0.35	235	0.09	3	2.27	0.04	0.14	1	1 SOIL TILL	8	BROWN	FLAT	105	105
16438	1	24	3	106	0.1	40	9	324	2.37	5	8	52	1	2	3	29	0.26	0.11	15	31	0.42	237	0.12	3	2.61	0.04	0.16	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16439	1	23	8	32	0.1	48	12	252	2.19	5	8	59	1	2	3	26	0.23	0.10	13	50	0.64	233	0.14	2	2.05	0.05	0.15	1	1 SOIL CULTIVATION	5	BROWN	FLAT	105	105	
16440	1	21	8	36	0.1	35	9	353	2.24	5	50	51	1	2	3	29	0.23	0.09	11	33	0.49	215	0.13	3	2.97	0.04	0.13	1	1 SOIL TILL	5	BROWN	FLAT, POSSIBLE SIDE CULTIVATION	105	105	
16441	1	12	12	117	0.1	52	12	353	2.59	1	22	51	1	2	3	24	0.22	0.10	11	45	0.66	251	0.14	4	2.87	0.05	0.16	1	1 SOIL TILL	8	BROWN	FLAT	105	105	
16442	1	15	3	134	0.1	52	11	367	3.11	5	6	54	1	2	3	34	0.26	0.13	5	55	0.49	255	0.15	3	2.11	0.05	0.29	1	1 SOIL TILL	8	BROWN	FLAT, GENTLE SLOPE EASTWARDS	105	105	
16443	1	21	10	103	0.1	42	17	321	2.44	3	1	59	1	2	3	43	0.25	0.07	8	50	0.65	213	0.12	2	2.41	0.03	0.15	1	1 SOIL TILL	8	BROWN	FLAT, EASTWARDS	105	105	
16444	1	33	12	139	0.1	50	12	450	2.81	3	4	55	1	2	3	30	0.25	0.14	11	55	0.15	266	0.12	2	2.41	0.03	0.15	1	1 SOIL TILL	8	BROWN	FLAT, EASTWARDS	105	105	
16445	1	33	12	59	0.1	55	12	375	3.24	5	15	53	1	2	3	52	0.24	0.12	12	66	0.57	284	0.11	3	2.85	0.03	0.10	1	1 SOIL CULTIVATION	5	BROWN	FLAT, EASTWARDS	105	105	
16446	1	23	3	23	0.1	47	5	382	1.37	2	1	51	1	2	3	27	0.22	***0.04	11	27	0.31	265	0.05	4	2.94	0.04	0.16	1	1 SOIL TILL	8	BROWN	FLAT, EASY SIDE SLOPE	105	105	
16447	1	34	11	81	0.1	36	8	583	2.33	5	4	51	1	2	3	37	0.24	0.12	11	49	0.62	232	0.11	3	1.83	0.02	0.16	1	1 SOIL TILL	8	BROWN	FLAT			

SAMPLE NO	CU	PB	ZN	AG	Ni	CO	MN	FE	AS	TH	SR	CD	SB	BE	V	CA	P	LA	CB	MG	BA	TI	B	AG	NA	K	W	AU	TYPE	MATERIAL	HORIZ COLOUR	TOPO	REMARKS	NORTH EAST			
16505	1	37	13	121	0.2	47	13	388	2.89	6	5	24	1	2	2	53	0.28	0.11	14	43	0.69	274	0.14	2	2.50	0.03	0.20	1	1	SOIL	TILL	B	BROWN	FLAT	2m. SOUTH OF ROAD, BURNED FOREST	105 112	
16506	1	32	17	33	0.2	47	13	388	2.96	8	7	26	1	2	2	48	0.26	0.09	16	56	0.71	189	0.13	2	2.41	0.03	0.21	1	1	SOIL	TILL	B	BROWN	FLAT	10m. SOUTH OF ROAD AND FENCE	104 112	
16507	1	38	15	92	0.4	51	13	379	3.01	9	8	29	1	3	2	50	0.35	0.13	17	54	0.72	204	0.14	2	2.56	0.03	0.20	1	1	SOIL	TILL	B	BROWN	HILLSIDE	10m. NORTH OF ROAD	103 112	
16508	1	24	11	68	0.2	46	10	332	2.61	2	6	27	1	2	2	42	0.27	0.13	17	52	0.56	160	0.11	2	2.04	0.03	0.15	1	2	SOIL	TILL	B	BROWN	FLAT		102 112	
16509	1	25	9	87	0.2	36	10	265	2.36	3	12	29	1	2	2	37	0.33	0.09	16	39	0.43	158	0.09	5	1.75	0.03	0.11	1	1	SOIL	TILL	B	BROWN	FLAT		101 112	
16510	1	34	6	76	0.3	47	10	406	2.39	5	4	39	1	2	2	38	0.44	0.11	14	36	0.48	260	0.10	3	2.00	0.03	0.17	1	1	SOIL	TILL	B	BROWN	FLAT		100 112	
16511	1	24	11	75	0.3	47	10	332	2.71	7	8	33	1	2	2	44	0.29	0.09	21	56	0.57	198	0.11	6	1.83	0.03	0.17	2	1	SOIL	TILL	B	BROWN	FLAT		100 110	
16512	1	22	11	108	0.3	50	9	416	2.35	8	10	31	1	3	2	37	0.28	0.16	15	48	0.49	228	0.09	2	1.86	0.03	0.14	2	1	SOIL	TILL	B	BROWN	FLAT		101 110	
16513	1	21	10	89	0.2	32	9	305	2.13	5	7	27	1	2	2	32	0.30	0.09	15	35	0.38	172	0.08	2	1.48	0.02	0.10	1	1	SOIL	TILL	B	BROWN	FLAT	10m. NORTH OF ROAD AND FENCE	102 110	
16514	1	21	12	88	0.2	39	10	283	2.38	2	6	25	1	2	2	37	0.26	0.07	16	41	0.45	169	0.10	2	1.66	0.03	0.12	1	1	SOIL	TILL	B	BROWN	FLAT		103 110	
16515	1	20	11	87	0.3	31	7	316	2.04	4	7	23	1	2	2	32	0.24	0.10	12	37	0.38	149	0.08	2	1.41	0.03	0.13	2	1	SOIL	TILL	B	BROWN	FLAT		104 110	
16516	1	19	12	89	0.2	31	9	370	2.22	3	12	31	1	2	2	35	0.23	0.14	15	35	0.43	178	0.09	3	1.74	0.02	0.14	2	1	SOIL	TILL	B	BROWN	FLAT	5m. SOUTH OF ROAD	105 110	
16517	1	36	16	150	0.2	57	10	292	2.47	3	7	25	1	2	2	37	0.36	0.06	14	50	0.52	272	0.12	2	2.38	0.03	0.19	1	1	SOIL	TILL	B	BROWN	HILLSIDE		106 110	
16518	1	26	14	189	0.2	60	13	371	2.92	13	5	25	1	2	3	46	0.29	0.15	13	71	0.66	304	0.12	2	1.86	0.03	0.19	1	3	SOIL	TILL	B	BROWN	HILLSIDE		107 110	
16519	1	37	10	140	0.1	58	13	433	2.61	8	4	23	1	2	2	44	0.27	0.10	12	56	0.65	260	0.12	2	1.90	0.03	0.19	1	1	SOIL	TILL	B	BROWN	HILLSIDE		108 110	
16520	1	39	6	125	0.2	50	14	519	3.16	9	5	25	1	2	3	50	0.31	0.15	12	56	0.84	339	0.13	2	2.19	0.03	0.28	1	1	SOIL	TILL	B	BROWN	HILLSIDE		109 110	
16521	1	36	11	162	0.3	44	12	351	2.71	4	8	21	1	2	2	43	0.24	0.13	13	43	0.67	285	0.14	4	2.05	0.05	0.18	1	1	SOIL	TILL	B	BROWN	HILLTOP		110 110	
16522	2	32	13	155	0.5	47	12	427	2.59	6	8	24	1	2	2	41	0.27	0.11	11	45	0.64	244	0.14	2	2.08	0.05	0.18	1	1	SOIL	TILL	B	BROWN	HILLTOP	15m. SOUTH OF ROAD	111 110	
16523	1	15	12	79	0.3	32	6	32	2.6	19	3	8	26	1	2	2	31	0.23	0.09	14	43	0.37	177	0.10	4	1.35	0.04	0.13	1	1	SOIL	TILL	B	BROWN	HILLTOP		100 104
16524	2	22	18	99	0.2	47	8	346	2.21	4	9	34	1	2	2	36	0.27	0.06	20	68	0.52	180	0.11	2	1.55	0.05	0.17	1	1	SOIL	TILL	B	GRAY	HILLSIDE	30m. SOUTH OF HILLTOP	101 104	
16525	1	19	13	78	0.3	45	8	294	2.23	5	10	27	1	2	2	37	0.26	0.09	17	69	0.55	151	0.11	3	1.74	0.05	0.12	1	1	SOIL	TILL	B	BROWN	HILLTOP	5m. OUTCROP 20m. TO THE EAST	102 104	
16526	1	18	17	121	0.2	43	9	334	2.43	3	10	39	1	2	2	38	0.29	0.06	19	62	0.58	176	0.12	3	1.77	0.05	0.20	1	2	SOIL	TILL	B	BROWN	HILLSIDE		103 104	
16527	1	20	11	69	0.2	32	7	369	1.99	3	13	38	1	2	2	32	0.31	0.15	18	44	0.38	197	0.10	5	1.52	0.04	0.14	1	1	SOIL	TILL	B	BROWN	HILLSIDE		104 104	
16528	1	15	12	85	0.2	37	7	404	1.88	3	9	31	1	2	2	30	0.27	0.10	14	53	0.42	214	0.09	3	1.33	0.04	0.15	1	1	SOIL	TILL	B	BROWN	HILLSIDE		105 104	
16529	1	18	15	98	0.3	70	10	344	2.43	10	8	28	1	2	2	39	0.26	0.11	15	111	0.72	186	0.12	3	1.99	0.05	0.10	1	1	SOIL	TILL	B	BROWN	HILLSIDE		106 104	
16530	1	20	11	80	0.3	39	8	306	2.26	2	12	36	1	2	2	36	0.29	0.10	16	50	0.52	191	0.12	3	1.67	0.05	0.19	1	1	SOIL	TILL	B	BROWN	HILLSIDE		107 104	
16531	2	22	15	98	0.4	52	9	476	2.23	3	7	33	1	2	2	35	0.30	0.13	15	64	0.56	259	0.12	4	1.97	0.05	0.21	1	1	SOIL	TILL	B	BROWN	HILLSIDE		108 104	
16532	1	32	12	93	0.6	56	13	411	2.99	16	9	32	1	2	2	51	0.30	0.10	16	70	0.82	150	0.15	4	2.10	0.05	0.33	1	9	SOIL	TILL	B	BROWN	HILLSIDE		109 104	
16533	1	29	15	90	0.1	41	11	516	2.46	10	7	34	1	2	2	41	0.39	0.12	14	50	0.62	193	0.14	3	1.94	0.06	0.24	1	79	SOIL	TILL	B	BROWN	HILLSIDE	2m. EAST OF ROAD	110 104	
16534	2	33	36	149	0.9	60	13	553	2.77	30	8	30	1	2	2	43	0.28	0.10	14	70	0.77	149	0.16	4	2.04	0.06	0.28	1	1	SOIL	TILL	B	BROWN	HILLSIDE		111 104	
16601	1	19	10	97	0.5	46	10	554	2.24	4	7	28	1	2	2	33	0.28	0.16	12	53	0.48	326	0.11	3	1.58	0.05	0.21	1	10	SOIL	TILL	B	BROWN	HILLTOP	ANGULAR BLOCKS OF QTZGARNET SCHIS	107 108	
16602	2	28	13	291	0.1	70	10	350	2.40	7	6	37	1	2	2	38	0.30	0.15	12	56	0.81	204	0.12	3	1.82	0.05	0.19	1	15	SOIL	TILL	B	BROWN	HILLTOP		108 108	
16603	1	23	13	184	0.1	45	10	298	2.27	9	6	22	1	2	2	35	0.27	0.11	11	38	0.31	215	0.08	2	1.07	0.04	0.10	1	1	SOIL	TILL	B	BROWN	HILLTOP		109 108	
16604	1	42	10	47	0.5	38	8	174	1.82	6	5	31	1	2	2	28	0.51	0.02	12	35	0.36	169	0.11	3	1.85	0.06	0.14	1	1	SOIL	TILL	B	BROWN	FLAT	WELL DEVELOPED SOIL	110 108	
16605	1	21	8	168	0.4	42	10	616	2.26	6	4	21	1	2	2	38	0.25	0.08	7	51	0.64	317	0.13	5	1.40	0.05	0.19	1	1	SOIL	TILL	B	BROWN	HILLTOP		111 108	
16607	1	14	14	109	0.4	3	6	937	1.94	5	20	45	1	2	2	29	0.28	0.15	18	14	0.37	346	0.11	3	1.57	0.05	0.17	1	1	SOIL	TILL	B	BROWN	HILLSIDE		108 102	
16608	1	23	13	82	0.7	28	7	440	2.41	7	30	44	1	2	2	34	0.38	0.06	30	196	0.15	5	2.44	0.05	0.20	1	1	SOIL	COLLUVIUM	B	BROWN	FLAT	ON TOP OF GRANODIORITE OUTCROP	101 102			
16609	1	11	37	0.3	34	5	208	1.49	3	5	44	1	2	2	27	0.59	0.02	18	27	0.31	135	0.08	3	1.29	0.06	0.11	1	1	SOIL	COLLUVIUM	B	BROWN	FLAT</				

SAMPLE NO	CU	PB	ZN	AG	WE	CO	MN	FE	AS	TH	SR	CD	SB	DI	V	CA	P	LA	CR	MD	RA	TI	B	AL	NA	E	W	AU	TYPE	MATERIAL	HORIZ COLOUR	TOPO	REMARKS	NORTH EAST			
16631	1	22	8	75	0.1	20	8	872	2.00	3	2	40	1	2	2	29	0.24	0.65	12	27	0.39	184	0.85	3	1.18	0.02	0.10	1	9	SOIL	TILL	B	BROWN	HILLSIDE	99	136	
16632	2	42	5	78	0.1	8	1	47	0.29	2	2	92	1	2	2	8	1.28	0.12	7	8	0.16	54	0.83	6	0.78	0.05	0.04	1	1	SOIL	ORGANIC	HUMUS	BLACK	BOG	TAKEN IN TRIB TO MARSH	98	136
16633	1	19	7	79	0.1	22	6	472	1.67	4	4	39	1	2	2	25	0.24	0.11	14	30	0.35	176	0.66	3	1.32	0.03	0.10	1	1	SOIL	COLLUVIUM	B	BROWN	FLAT		97	136
16634	1	24	6	60	0.4	22	9	665	1.96	2	5	41	1	2	2	31	0.29	0.07	15	51	0.38	167	0.67	2	1.75	0.03	0.10	1	1	SOIL	TILL	B	BROWN	FLAT		96	136
16635	1	24	3	64	0.1	26	7	479	1.91	2	6	45	1	2	2	29	0.36	0.08	17	38	0.40	159	0.67	4	1.53	0.03	0.14	2	1	SOIL	COLLUVIUM	B	BROWN	FLAT		95	136
16636	1	15	4	47	0.1	31	6	364	1.89	2	7	32	1	2	2	23	0.26	0.15	15	49	0.40	107	0.67	2	1.14	0.02	0.13	2	2	SOIL	TILL	B	BROWN	HILLSIDE	20m. DOWNSLOPE FROM GREENSTONE?	94	136
16637	1	13	7	46	0.3	38	6	273	1.83	2	9	34	1	2	2	29	0.26	0.06	20	62	0.43	90	0.68	6	0.93	0.02	0.15	3	9	SOIL	COLLUVIUM	B	BROWN	HILLSIDE		93	136
16638	1	20	6	46	0.1	21	6	387	1.45	3	5	37	1	2	2	25	0.27	0.08	12	37	0.28	119	0.66	4	0.81	0.02	0.09	3	1	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	JUST BELOW GREENSTONE OUTCROP	92	136
16639	1	14	4	59	0.1	36	6	405	1.67	2	5	35	1	2	2	26	0.23	0.12	15	45	0.37	147	0.66	4	1.04	0.02	0.12	1	1	SOIL	COLLUVIUM	B	BROWN	HILLSIDE		91	136
16640	1	11	2	38	0.1	32	5	263	1.70	2	6	25	1	2	2	38	0.21	0.04	17	57	0.33	37	0.67	2	0.84	0.02	0.14	2	1	SOIL	COLLUVIUM	B	BROWN	HILLSIDE		90	136
16641	1	15	9	47	0.1	39	6	354	1.80	3	8	43	1	3	2	32	0.32	0.08	21	55	0.43	113	0.67	4	1.04	0.02	0.13	3	2	SOIL	COLLUVIUM	B	BROWN	HILLSIDE		89	136
16642	1	20	9	46	0.1	32	7	475	1.95	2	8	38	1	2	2	34	0.28	0.05	18	49	0.40	106	0.67	2	1.19	0.02	0.13	1	1	SOIL	COLLUVIUM	B	BROWN	HILLSIDE	2m. SOUTH OF GREENSTONE? OUTCROP	88	136
16643	1	20	5	62	0.1	30	7	479	1.86	5	10	50	1	2	2	31	0.31	0.09	18	44	0.40	178	0.67	3	1.35	0.02	0.18	1	1	SOIL	COLLUVIUM	B	BROWN	HILLSIDE		87	136
16644	1	14	5	46	0.1	26	6	482	1.70	3	5	47	1	2	2	27	0.32	0.06	17	49	0.40	135	0.67	2	1.24	0.02	0.17	1	1	SOIL	COLLUVIUM	B	BROWN	HILLSIDE		86	136
16645	1	19	14	72	0.1	23	6	493	1.60	3	5	50	1	2	2	25	0.27	0.19	17	33	0.35	204	0.68	2	1.47	0.03	0.16	1	1	SOIL	COLLUVIUM	B	BROWN	FLAT		85	136
16646	1	19	2	65	0.2	26	6	496	1.70	4	5	46	1	5	2	27	0.31	0.12	16	36	0.36	183	0.67	3	1.48	0.02	0.15	1	1	SOIL	COLLUVIUM	B	BROWN	HILLSIDE GENTLE SLOPE		84	136
16647	1	47	14	146	0.1	70	16	1036	3.00	4	6	63	1	2	3	49	0.47	0.10	26	71	0.66	347	0.13	6	2.50	0.02	0.45	1	2	SOIL	TILL	B	BROWN	HILLSIDE		83	136
16648	1	31	11	61	0.1	30	8	377	1.98	2	2	74	1	2	2	33	0.45	0.08	22	43	0.43	154	0.67	2	1.75	0.02	0.17	1	1	SOIL	TILL	B	BROWN	HILLSIDE		82	136
16649	1	23	8	52	0.2	36	9	411	1.99	4	5	49	1	2	2	33	0.40	0.08	23	49	0.49	133	0.67	3	1.31	0.02	0.25	1	1	SOIL	TILL	B	BROWN	HILLSIDE		81	136
16650	1	36	18	88	0.2	47	12	560	2.29	5	6	63	1	2	2	39	0.50	0.11	21	52	0.56	240	0.65	2	1.72	0.02	0.25	1	1	SOIL	TILL	B	BR/GREY	HILLSIDE		80	136
16651	1	24	7	70	0.2	31	7	561	1.91	5	9	53	1	2	2	31	0.58	0.11	19	42	0.37	197	0.67	5	1.24	0.02	0.19	1	1	SOIL	TILL	B	BROWN	HILLSIDE		79	136
16652	1	27	16	104	0.2	47	13	793	2.59	3	8	51	1	2	2	44	0.41	0.14	26	71	0.66	347	0.13	6	2.50	0.02	0.45	2	1	SOIL	TILL	B	BROWN	HILLSIDE		78	136
16653	1	20	5	78	0.1	28	7	414	1.69	2	5	59	1	2	2	28	0.36	0.11	16	35	0.55	196	0.67	4	1.16	0.02	0.14	1	2	SOIL	TILL	B	BROWN	FLAT		77	136
16654	1	20	12	60	0.1	14	6	477	1.66	3	4	37	1	2	2	29	0.24	0.09	16	19	0.31	183	0.67	4	1.47	0.02	0.11	1	1	SOIL	TILL	B	BROWN	FLAT		76	136
16655	1	26	10	68	0.1	20	8	672	1.82	2	3	151	1	2	2	31	0.61	0.15	17	20	0.42	266	0.67	5	1.19	0.02	0.21	1	1	SOIL	TILL	B	SUBSOIL/BROWN	HILLSIDE BELOW BREAK IN SLOPE		75	136
16656	1	25	4	66	0.1	23	8	509	2.06	3	11	61	1	2	2	33	0.42	0.08	24	31	0.39	150	0.67	2	1.07	0.02	0.23	1	1	SOIL	TILL	B	BROWN	HILLSIDE		74	136
16657	1	20	10	96	0.2	12	7	979	1.74	5	6	67	1	2	2	25	0.45	0.14	17	30	0.31	243	0.66	5	1.39	0.02	0.16	1	1	SOIL	TILL	B	BROWN	GULLEY ON TERRACE IN MCKINNEY CREEK		73	136
16658	1	21	9	110	0.1	17	6	594	1.51	3	2	77	1	2	2	21	0.25	0.14	13	16	0.22	315	0.68	6	2.00	0.03	0.08	1	1	SOIL	TILL	B	BROWN	HILLSIDE ABOVE OUTCROP OF GRANODIORITE		72	136
16659	1	10	1	57	0.2	12	5	433	1.29	2	9	31	1	2	2	22	0.16	0.09	10	19	0.21	156	0.66	2	0.96	0.02	0.12	1	1	SOIL	TILL	B	BR/GREY	FLAT ON FLATS AT BASE OF SLOPE		71	136
16660	1	12	6	51	0.1	10	4	330	1.31	2	3	50	1	2	2	23	0.22	0.17	11	15	0.24	188	0.66	2	0.99	0.02	0.10	1	1	SOIL	TILL	B	BROWN	HILLSIDE		70	136
16661	1	18	3	52	0.1	25	6	208	1.67	3	4	38	1	2	2	27	0.19	0.10	12	25	0.33	141	0.67	2	1.24	0.03	0.12	1	1	SOIL	TILL	B	BROWN	HILLSIDE		69	136
16662	1	14	8	55	0.1	17	6	291	1.69	2	5	40	1	2	2	27	0.22	0.08	15	24	0.33	131	0.68	2	1.33	0.02	0.13	1	1	SOIL	TILL	B	BROWN	HILLSIDE STEEP HILL ABOVE ACCESS ROAD		68	136
16663	1	16	6	54	0.1	15	6	346	2.00	2	6	67	1	2	2	31	0.25	0.18	13	23	0.33	184	0.67	2	1.25	0.02	0.12	1	1	SOIL	TILL	B	BROWN	HILLSIDE		67	136
16664	1	15	4	70	0.1	15	5	394	1.47	3	4	53	1	2	2	23	0.25	0.16	11	15	0.27	206	0.67	4	1.37	0.02	0.11	1	1	SOIL	TILL	B	BROWN	HILLSIDE		66	136
16665	1	15	5	50	0.1	23	5	304	1.80	2	12	47	1	2	2	28	0.30	0.12	16	33	0.34	129	0.67	2	1.20	0.02	0.15	1	2	SOIL	TILL	B	BROWN	HILLSIDE		65	136
16666	1	24	7	51	0.1	23	7	455	2.04	2	5	36	1	2	2	30	0.29	0.06	15	31	0.41	134	0.67	2	1.44	0.02	0.12	1	2	SOIL	COLLUVIUM	B	BROWN	FLAT		64	136
16667	1	14	10	37	0.2	15	5	523	1.58	4	3	33	1	2	2	24	0.26	0.03	11	27	0.31	125	0.66	2	0.96	0.02	0.10	2	4	SOIL	COLLUVIUM	B	BROWN	FLAT		63	136
16668	1	23	9	71	0.1	22	7	557	1.89	5	4	48	1	2	2	28	0.26	0.12	16	36	0.44	173															

SAMPLE NO.	CH	HT	DE	AS	TH	SR	CD	ES	SI	V	CA	P	PA	OK	MS	RE	ST	E	A	M	T	R	SOIL MATERIAL	SOIL COLOR	TYPE	REMARKS	SLIDING EAST				
16543	1	27	1	37	4.1	46	3	377	2.12	10	4	31	1	2	1	34	0.35	0.49	13	18	0.46	161	0.03	0.23	0.03	0.17	1	SOIL TILL	BROWN	HILLSIDE	55 126
16544	1	17	1	45	0.1	17	6	382	1.73	1	4	45	1	1	3	25	0.23	0.08	11	37	0.39	171	0.04	0.15	0.13	0.12	1	SOIL TILL	BROWN	FLAT	55 142
16545	1	37	12	32	1.2	23	3	434	2.43	6	7	51	1	3	2	37	0.31	0.31	21	26	0.03	132	0.03	0.24	0.02	0.14	1	SOIL TILL	BROWN	FLAT	55 142
16546	1	36	15	58	0.1	23	3	395	2.02	5	3	47	1	2	3	43	0.25	0.07	34	34	0.05	122	0.02	0.12	0.02	0.14	1	SOIL SILTLOAM	BROWN	HILLSIDE	55 142
16547	1	122	7	69	21	31	507	2.49	2	5	51	1	2	46	0.31	0.05	24	26	0.02	142	0.07	1.17	0.02	0.12	1	SOIL SILTLOAM	BROWN	HILLSIDE	55 142		
16548	1	32	18	53	0.2	25	6	399	1.53	1	4	65	1	2	1	31	0.44	0.06	19	37	0.44	223	1.01	1	SOIL TILL	BROWN	SILHOUETTE	55 142			
16549	1	27	1	37	0.1	27	6	431	1.86	4	6	52	1	3	2	36	0.46	0.04	29	47	0.46	115	0.08	1.14	0.03	0.32	1	SOIL TILL	BROWN	FLAT	55 142
16550	1	38	3	45	0.1	35	9	348	1.45	3	7	53	1	3	4	44	0.35	0.08	21	75	0.75	158	0.10	5.07	0.11	0.15	1	SOIL SILTLOAM	BROWN	HILLSIDE	55 142
16551	1	32	12	52	0.2	29	6	564	1.96	1	7	52	1	2	1	36	0.32	0.05	16	37	0.34	172	0.10	2.45	0.03	0.12	1	SOIL TILL	BROWN	FLAT	55 154
16552	1	38	15	77	0.2	26	9	315	1.43	1	3	56	1	3	2	43	0.34	0.11	21	23	0.41	192	0.12	3.73	0.01	0.34	1	SOIL TILL	BROWN	HILLSIDE	55 154
16553	1	29	13	51	0.2	23	6	454	1.33	6	7	44	1	2	1	31	0.34	0.03	15	17	0.30	167	0.03	3.30	0.03	0.17	1	SOIL TILL	BROWN	FLAT	55 164
16554	1	29	16	59	0.1	28	7	317	0.13	3	9	31	1	2	2	35	0.36	0.04	17	26	0.42	139	0.11	4.23	0.02	0.24	1	SOIL TILL	BROWN	FLAT	55 164
16555	1	50	24	59	0.1	25	1	672	2.82	4	15	53	1	2	1	42	0.34	0.02	42	21	0.41	176	0.12	5.32	0.02	0.15	1	SOIL TILL	BROWN	FLAT	POSSIBLE OUTCROP
16556	1	30	3	54	0.1	24	7	392	1.03	3	6	55	1	2	2	31	0.25	0.02	14	50	0.50	160	0.09	4.14	0.02	0.21	1	SOIL TILL	BROWN	FLAT	55 164
16557	1	11	5	55	0.1	33	1	202	2.51	2	11	55	1	2	1	55	0.34	0.05	17	55	0.46	152	0.03	1.21	0.02	0.17	1	SOIL TILL	BROWN	HILLSIDE	55 164
16558	1	25	62	55	0.1	28	7	376	2.38	3	12	55	1	2	2	37	0.21	0.59	19	16	0.32	155	0.12	3.32	0.01	0.11	1	SOIL TILL	BROWN	FLAT	55 166
16559	1	19	13	53	0.2	23	1	371	1.57	4	5	52	1	2	1	36	0.26	0.08	18	25	0.39	178	0.06	5.18	0.02	0.13	1	SOIL TILL	BROWN	FLAT	55 166
16560	1	20	14	55	0.2	23	7	223	2.13	3	11	51	1	2	2	36	0.39	0.09	23	26	0.35	135	0.09	4.13	0.03	0.20	1	SOIL TILL	BROWN	HILLSIDE	55 166
16561	1	26	23	53	0.1	25	8	561	2.37	8	5	53	1	2	2	34	0.40	0.03	13	32	0.44	160	0.11	4.15	0.02	0.10	1	SOIL TILL	BROWN	FLAT	55 166
16562	1	19	16	72	0.1	24	7	318	2.09	3	9	56	1	2	2	31	0.32	0.09	20	21	0.27	171	0.12	3.27	0.03	0.17	1	SOIL TILL	BROWN	FLAT	POSSIBLE OUTCROP 10M. TO NORTHEAST
16563	1	21	4	55	0.2	32	6	276	2.31	4	5	51	1	2	1	32	0.43	0.04	16	35	0.41	172	0.03	5.03	0.03	0.17	1	SOIL TILL	BROWN	FLAT	55 166
16564	1	19	11	50	0.1	26	7	326	2.22	4	5	44	1	2	2	25	0.33	0.06	19	46	1.44	121	0.03	4.16	0.02	0.15	1	SOIL TILL	BROWN	HILLSIDE	55 166
16565	1	18	5	53	0.3	23	6	442	2.05	5	7	35	1	2	1	31	0.25	0.09	17	32	0.42	167	0.05	4.17	0.02	0.29	1	SOIL TILL	BROWN	FLAT	55 166
16566	1	22	6	62	0.2	24	9	369	2.50	4	6	51	1	2	2	32	0.36	0.06	16	45	1.35	145	0.10	1.17	0.02	0.16	1	SOIL TILL	BROWN	FLAT	55 166
16567	1	22	4	71	0.1	58	10	431	2.45	7	5	55	1	2	2	40	0.32	0.06	17	46	1.39	175	0.05	4.15	0.02	0.16	1	SOIL TILL	BROWN	HILLSIDE	55 168
16568	1	21	12	56	0.1	27	8	436	2.16	7	5	52	1	2	2	24	0.25	0.15	19	38	0.42	173	0.08	6.13	0.02	0.14	1	SOIL TILL	BROWN	FLAT	55 168
16569	1	18	6	52	0.1	21	6	284	1.95	3	5	58	1	2	2	31	0.35	0.02	14	33	0.31	163	0.06	3.31	0.02	0.12	1	SOIL TILL	BROWN	FLAT	55 168
16570	1	17	2	66	0.1	23	2	311	2.05	6	7	51	1	2	1	31	0.25	0.01	13	33	0.28	150	0.04	6.14	0.02	0.15	1	SOIL TILL	BROWN	FLAT	55 168
16571	1	19	6	61	0.1	31	6	355	2.15	4	6	55	1	2	2	34	0.15	0.03	18	33	0.36	154	0.08	5.14	0.02	0.12	1	SOIL TILL	BROWN	FLAT	55 168
16572	1	23	8	87	0.2	40	1	350	1.38	6	7	56	1	2	2	30	0.28	0.11	14	38	0.42	176	0.08	6.15	0.02	0.16	1	SOIL TILL	BROWN	FLAT	55 168
16573	1	11	61	61	0.1	25	6	445	1.62	8	6	50	1	2	2	28	0.25	0.06	16	38	0.38	146	0.08	3.17	0.02	0.12	1	SOIL TILL	BROWN	FLAT	55 168
16574	1	14	49	68	0.1	29	4	36	1.70	2	1	52	1	2	1	25	0.30	0.05	15	50	0.35	161	0.11	3.37	0.02	0.16	1	SOIL TILL	BROWN	FLAT	55 168
16575	1	11	6	57	0.1	20	5	310	1.72	2	5	53	1	2	2	27	0.25	0.06	15	30	0.32	140	0.07	4.17	0.02	0.14	1	SOIL TILL	BROWN	FLAT	55 175
16576	1	19	1	102	0.1	38	1	515	2.06	5	1	54	1	2	1	31	0.35	0.10	11	56	0.41	195	0.03	3.13	0.02	0.13	1	SOIL TILL	BROWN	FLAT	55 175
16577	1	16	4	78	0.2	35	7	360	2.05	3	6	58	1	2	2	31	0.27	0.01	14	37	0.27	211	0.09	5.15	0.02	0.13	1	SOIL TILL	BROWN	FLAT	55 175
16578	1	18	15	106	0.2	34	2	246	2.39	3	5	35	1	2	1	24	0.10	0.04	15	31	0.18	137	0.07	4.19	0.02	0.15	1	SOIL TILL	BROWN	FLAT	55 175
16579	1	14	8	80	0.1	35	6	400	1.86	2	4	26	1	2	2	10	0.19	0.05	17	39	0.37	138	0.07	4.19	0.02	0.15	1	SOIL TILL	BROWN	FLAT	55 175
16580	1	16	3	72	0.1	31	7	321	1.34	2	4	25	1	2	2	32	0.38	0.08	13	34	0.35	136	0.05	3.14	0.02	0.16	1	SOIL TILL	BROWN	FLAT	55 175
16581	1	26	2	48	0.1	32	6	356	1.91	3	10	51	1	2	3	47	0.35	0.08	21	113	0.51	150	0.10	2.13	0.02	0.13	1	SOIL TILL	BROWN	HILLSIDE	55 175
16582	1	24	9	91	0.1	86	14	556	1.91	3	10	51	1	2	3	47	0.35	0.08	21	113	0.51	150	0.10	2.13	0.02	0.13	1	SOIL TILL	BROWN	HILLSIDE	55 175
16583	1	38	11	131	0.2	88	15	549	2.39	10	8	45	1	2	2	47	0.30	0.03	13	65	0.79	339	0.11	2.14	0.02	0.12	1	SOIL TILL	BROWN	SOIL	55 175
16584	1	24	7	95	0.1	45	10	183	2.14	10	9	34	1	2	2	27	0.36	0.04	17	60	0.43	331	0.08	2.02	0.02	0.12	1	SOIL TILL	BROWN	SOIL	55 175
16585	1	9	6	54	0.2	34	2	24	0.14	2	1	150	1	2	1	33	0.36	0.03	2	2	0.25	31	0.08	6.13	0.02	0.04	1	SOIL TILL	BROWN	CREEK	55 174
16586	1	16	5	64	0.1	33	6	243	2.00	2	6	40	1	2	2	29	0.24	0.01	17												

Sample No.	Depth (ft)	Grain Size	Min	Max	Sand Min	Sand Max	Silt Min	Silt Max	Clay Min	Clay Max	CaCO ₃	SiO ₂	Mg	K	NH ₄	P	Al	Fe	Mn	Cr	V	As	Thick Material	Soil Color	Soil Type	Remarks	North East						
16591	1	18	2	31	0.1	8	126	1.27	4	24	45	1	1	55	0.55	0.105	25	63	0.19	105	0.05	5	0.97	0.02	0.14	1	16591	SOIL TILL	BROWN	HELSIDE	53 124		
16592	1	11	17	31	0.2	31	7	29	2.36	3	34	41	1	3	2	17	0.37	0.101	59	49	0.34	121	0.07	1	1.02	0.03	0.01	1	16592	SOIL TILL	BROWN	HELSIDE	53 124
16593	1	10	11	31	0.2	38	12	194	1.36	8	13	77	1	1	2	51	0.45	0.102	25	35	0.61	183	0.12	3	1.03	0.03	0.01	1	16593	SOIL TILL	BROWN	HELSIDE	53 124
16594	1	12	3	55	0.2	35	5	336	1.71	3	11	57	1	3	2	36	0.31	0.101	55	39	0.50	171	0.16	3	0.91	0.02	0.01	1	16594	SOIL TILL	BROWN	HELSIDE AT GOLDEN ROCK	53 124
16595	1	19	4	37	0.2	25	6	211	2.00	3	4	31	1	2	2	32	0.25	0.101	14	44	0.45	74	0.01	3	0.95	0.02	0.10	1	16595	SOIL TILL	BROWN	FLAT	53 147
16596	1	21	15	52	0.2	33	4	358	2.16	6	3	41	1	2	2	31	1.15	0.061	59	23	0.49	162	0.19	1	1.04	0.02	0.13	1	16596	SOIL TILL	BROWN	FLAT	53 146
16597	1	38	3	45	0.2	23	7	199	1.85	4	4	40	1	3	2	36	0.21	0.101	15	25	0.63	231	0.07	4	1.09	0.02	0.17	1	16597	SOIL TILL	BROWN	FLAT	53 146
16598	2	32	10	47	0.2	33	8	335	2.31	2	1	51	1	2	2	24	0.21	0.089	14	33	0.45	161	0.13	2	1.04	0.02	0.05	1	16598	SOIL TILL	BROWN	FLAT	53 146
16599	1	56	1	62	0.1	110	16	452	1.38	8	2	48	1	2	2	36	0.53	0.144	10	157	1.54	312	0.18	2	1.04	0.02	0.24	1	16599	SOIL TILL	BROWN	HELSIDE NEAR CREEK	53 146
16600	1	30	3	66	0.1	35	8	164	1.88	4	4	52	1	3	2	30	0.54	0.081	4	41	0.60	55	0.07	5	1.11	0.02	0.13	1	16600	SOIL TILL	BROWN	HELSIDE LOW EAST OF OUTCROP	53 146
16601	1	27	11	50	0.1	39	8	106	2.41	4	5	49	1	2	2	41	0.29	0.110	15	36	0.52	151	0.02	4	1.06	0.02	0.07	1	16601	SOIL TILL	BROWN	HELSIDE LOW NORTH OF OUTCROP	53 146
16602	3	435	4	59	0.1	33	13	368	3.21	3	1	41	1	2	2	38	0.20	0.071	11	40	0.38	158	0.08	5	1.43	0.02	0.14	2	16602	SOIL TILL	BROWN	FLAT	53 140
16603	2	232	9	47	0.2	50	26	416	4.14	2	1	40	1	2	3	93	0.44	0.300	4	114	1.52	353	0.09	2	0.85	0.02	0.21	1	16603	SOIL TILL	BROWN	HELSIDE	53 140
16604	1	193	10	45	0.1	53	38	699	3.01	1	2	53	1	2	3	56	0.46	0.344	75	54	0.31	388	0.56	3	1.72	0.02	0.14	2	16604	SOIL TILL	BROWN	HELSIDE	53 140
16605	1	41	17	68	0.1	36	20	187	2.48	2	4	44	1	2	2	42	0.42	0.085	22	62	0.65	231	0.08	3	1.51	0.02	0.12	1	16605	SOIL TILL	BROWN	HELSIDE	53 140
16606	1	50	20	51	0.1	41	12	74	2.10	4	5	53	1	2	2	48	0.48	0.045	25	16	0.79	176	0.10	5	2.27	0.02	0.20	1	16606	SOIL TILL	BROWN	FLAT	53 140
16607	3	35	5	52	0.2	39	23	558	1.19	5	16	52	1	2	2	43	1.54	0.045	3	70	1.45	34	0.02	2	2.31	0.01	0.01	1	16607	SOIL TILL	BROWN	HELSIDE LOW SOUTH OF CREEK	53 140
16610	1	57	7	58	0.1	43	12	615	2.50	3	5	45	1	2	2	52	0.34	0.083	25	25	0.79	125	0.04	4	1.72	0.02	0.19	1	16610	SOIL TILL	BROWN	HELSIDE	53 140
16611	1	28	2	70	0.2	35	8	628	2.14	5	6	59	1	2	2	24	0.37	0.107	21	40	0.45	282	0.09	4	1.38	0.02	0.13	1	16611	SOIL TILL	BROWN	FLAT	53 140
16612	1	26	6	61	0.1	34	6	350	2.31	1	3	49	1	2	2	46	0.26	0.045	16	43	0.50	316	0.08	2	1.30	0.02	0.15	1	16612	SOIL TILL	BROWN	HELSIDE LOW NORTH OF ROAD	53 140
16613	1	35	9	52	0.2	35	9	466	2.81	4	5	52	1	2	2	49	0.32	0.058	36	41	0.70	131	0.10	2	2.17	0.02	0.25	1	16613	SOIL TILL	BROWN	HELSIDE	53 140
16614	1	21	14	60	0.1	21	6	173	1.91	2	4	50	1	2	2	31	0.38	0.055	16	37	0.46	136	0.04	2	1.79	0.02	0.17	1	16614	SOIL TILL	BROWN	HELSIDE	53 140
16615	1	25	4	47	0.1	31	8	445	2.20	2	6	45	1	2	2	37	0.29	0.093	36	38	0.45	165	0.13	2	1.42	0.02	0.12	1	16615	SOIL TILL	BROWN	FLAT	53 140
16616	1	18	16	69	0.1	35	12	375	1.03	1	10	46	1	2	3	55	0.33	0.080	23	65	0.57	177	0.06	3	1.84	0.02	0.21	1	16616	SOIL TILL	BROWN	HELSIDE	53 140
16617	1	25	14	55	0.2	33	15	583	2.51	4	5	45	1	2	2	46	0.39	0.100	23	54	0.53	176	0.18	2	0.62	0.02	0.15	1	16617	SOIL TILL	BROWN	HELSIDE	53 140
16618	1	18	17	70	0.2	47	9	410	2.64	4	8	38	1	2	2	41	0.32	0.075	23	67	0.45	146	0.06	3	1.45	0.02	0.13	1	16618	SOIL TILL	BROWN	HELSIDE	53 140
16619	1	25	15	51	0.1	44	16	626	2.62	2	3	51	1	2	2	41	0.37	0.056	21	56	0.50	230	0.09	3	1.63	0.02	0.11	1	16619	SOIL TILL	BROWN	HELSIDE	53 140
16620	1	20	6	48	0.1	29	10	137	1.95	2	13	61	1	2	2	46	0.45	0.105	26	43	0.51	105	0.05	4	1.14	0.02	0.22	2	16620	SOIL TILL	BROWN	FLAT	53 140
16621	1	20	13	62	0.1	31	8	429	2.40	2	22	41	1	2	2	42	0.33	0.121	25	44	0.44	134	0.11	3	1.45	0.02	0.16	1	16621	SOIL TILL	BROWN	HELSIDE	53 140
16622	1	15	13	66	0.1	33	6	287	1.92	2	9	38	1	2	2	29	0.26	0.070	19	48	0.41	155	0.08	2	1.34	0.02	0.31	1	16622	SOIL TILL	BROWN	FLAT	53 140
16623	1	15	7	58	0.1	25	6	181	1.91	1	1	36	1	2	2	36	0.28	0.065	19	39	0.34	143	0.04	3	1.24	0.02	0.12	1	16623	SOIL TILL	BROWN	HELSIDE	53 140
16624	1	28	1	58	0.2	39	2	162	1.99	3	7	38	1	2	2	29	0.25	0.100	18	37	0.34	147	0.08	4	1.66	0.02	0.12	1	16624	SOIL TILL	BROWN	FLAT	53 140
16625	1	20	4	73	0.1	25	7	413	1.96	1	5	36	1	2	2	32	0.23	0.123	18	34	0.34	351	0.01	1	1.38	0.02	0.16	1	16625	SOIL TILL	BROWN	FLAT	53 140
16626	1	23	8	76	0.1	35	2	426	2.04	3	5	53	1	2	2	30	0.30	0.017	21	46	0.43	168	0.08	3	1.52	0.02	0.14	1	16626	SOIL TILL	BROWN	FLAT	53 140
16627	1	23	5	61	0.1	31	23	331	2.22	1	13	46	1	2	2	32	0.35	0.093	20	48	0.46	310	0.09	4	1.73	0.02	0.16	1	16627	SOIL TILL	BROWN	FLAT	53 140
16628	1	21	5	67	0.2	45	8	351	2.12	5	9	41	1	2	2	32	0.34	0.069	19	57	0.51	186	0.08	5	1.15	0.02	0.14	2	16628	SOIL TILL	BROWN	FLAT	53 140
16629	1	22	3	71	0.1	36	6	355	1.64	2	7	42	1	2	2	40	0.15	0.073	17	41	0.37	341	0.07	3	1.24	0.02	0.12	1	16629	SOIL TILL	BROWN	FLAT	53 140
16630	1	23	5	73	0.2	31	11	316	1.81	5	7	42	1	2	2	28	0.31	0.101	17	38	0.36	144	0.08	3	1.49	0.02	0.13	1	16630	SOIL TILL	BROWN	FLAT	53 140
16631	1	25	6	91	0.1	45	12	452	2.12	4	15	47	1	2	2	35	0.35	0.094	16	41	0.42	192	0.07	3	1.40	0.02	0.15	1	16631	SOIL TILL	BROWN	HELSIDE	53 140
16632	3	24	5	80	0.1	29	1	431	1.68	2	4	49	1	2	2	27	0.34	0.121	14	31	0.47	212	0.08	6	1.49	0.03	0.13	1	16632	SOIL TILL	BROWN	HELSIDE	53 140
16633	1	29	14	113	0.2	51	10	616	2.28	5	5</td																						

SAMPLE NO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	TH	SR	CD	SB	BL	V	CA	P	LA	CR	MG	BA	TI	B	Al	NA	K	W	AB	TYPE	MATERIAL	HORIZ COLOUR	TOPO	REMARKS	NORTH EAST
16852	1	11	6	41	0.1	24	6	252	1.67	3	9	26	1	2	2	26	0.18	0.036	13	41	0.31	87	0.07	3	0.85	0.02	0.13	2	SOIL	TILL	BROWN	SOG	90 128	
16853	1	15	3	54	0.1	40	7	266	2.05	3	24	34	1	2	2	33	0.25	0.098	17	58	0.39	101	0.07	2	0.93	0.02	0.12	1	SOIL	TILL	BROWN	FLAT	89 128	
16854	1	20	9	61	0.3	37	8	307	2.33	3	11	45	1	2	2	37	0.27	0.081	20	54	0.43	126	0.09	2	1.39	0.02	0.18	1	SOIL	TILL	BROWN	FLAT	88 128	
16855	1	12	2	50	0.1	38	7	327	2.20	2	10	44	1	2	2	34	0.26	0.106	18	55	0.35	125	0.06	2	0.93	0.02	0.14	2	SOIL	TILL	BROWN	FLAT	97 128	
16856	1	13	7	55	0.1	34	6	320	1.79	2	8	40	1	2	2	27	0.21	0.167	16	55	0.35	135	0.06	2	0.81	0.02	0.12	1	SOIL	TILL	BROWN	FLAT	86 128	
16857	1	17	7	50	0.1	42	7	272	2.01	2	14	45	1	2	2	31	0.27	0.114	20	61	0.41	96	0.07	2	0.96	0.02	0.14	1	SOIL	TILL	BROWN	FLAT	85 128	
16858	1	24	13	64	0.1	27	8	504	2.32	3	5	54	1	2	2	34	0.37	0.056	23	44	0.45	151	0.08	6	1.63	0.02	0.23	1	SOIL	TILL	BROWN	FLAT	84 128	
16859	1	25	8	65	0.1	25	8	537	2.26	3	6	58	1	2	2	33	0.41	0.052	22	41	0.44	159	0.08	4	1.60	0.02	0.24	1	SOIL	TILL	BROWN	FLAT	83 128	
16860	1	35	12	80	0.1	31	8	647	2.09	2	5	61	1	2	2	25	0.47	0.067	20	38	0.43	153	0.07	3	1.39	0.03	0.24	1	SOIL	TILL	BROWN	FLAT	82 128	
16861	1	36	20	102	0.4	38	12	575	3.17	2	8	96	1	2	3	53	0.52	0.191	28	40	0.80	256	0.12	2	1.38	0.02	0.23	1	SOIL	TILL	BROWN	HILLSIDE	81 128	
16862	1	15	9	56	0.1	18	6	370	1.91	2	5	47	1	2	2	29	0.31	0.131	17	29	0.33	168	0.07	4	1.24	0.02	0.15	1	SOIL	TILL	BROWN	FLAT	80 128	
16863	1	11	2	39	0.1	14	5	297	1.45	2	7	40	1	2	2	21	0.24	0.062	10	20	0.26	125	0.06	4	1.15	0.02	0.19	2	SOIL	TILL	GREY	FLAT	79 128	
16864	1	16	7	58	0.2	13	5	618	1.31	2	2	47	1	2	2	22	0.38	0.122	10	13	0.23	232	0.06	4	1.39	0.03	0.08	1	SOIL	TILL	BROWN	FLAT	78 128	
16865	1	19	12	65	0.1	15	6	530	1.72	3	4	34	1	2	2	27	0.26	0.152	12	16	0.26	197	0.08	2	2.23	0.03	0.08	1	SOIL	TILL	BROWN	FLAT	77 128	
16866	1	36	11	63	0.3	33	10	372	2.87	2	12	87	1	2	4	47	0.55	0.090	38	36	0.77	193	0.12	2	1.77	0.02	0.44	1	SOIL	TILL	BROWN	HILLSIDE	76 128	
16901	1	306	10	35	0.3	82	6	216	2.99	2	4	58	1	2	2	57	0.41	0.066	13	178	1.39	127	0.11	5	2.17	0.03	0.38	1	SOIL	TILL	BROWN	HILLSIDE	92 142	
16902	1	34	13	40	0.2	26	6	262	1.96	3	7	51	1	2	2	31	0.35	0.024	23	50	0.54	108	0.10	3	1.48	0.03	0.26	2	SOIL	TILL	BR/GREY	FLAT	91 142	
16903	1	161	5	51	0.3	28	13	593	4.72	2	2	49	1	2	2	107	0.30	0.030	4	122	1.63	127	0.12	2	2.64	0.03	0.63	1	SOIL	COLLUVIUM	BROWN	HILLTOP	90 142	
16904	1	71	11	56	0.1	31	14	617	2.82	2	2	81	1	2	3	57	0.49	0.047	25	64	0.82	147	0.08	4	2.05	0.03	0.21	1	SOIL	COLLUVIUM	BROWN	HILLSIDE	INTERMITTENT OUTCROP	89 142
16905	1	116	13	53	0.4	29	13	527	2.56	2	6	54	1	2	2	54	0.54	0.060	24	59	0.71	92	0.08	4	1.74	0.03	0.24	1	SOIL	COLLUVIUM	BROWN	HILLSIDE	NEARBY OUTCROPS	88 142
16906	1	38	8	55	0.3	28	8	463	2.12	1	2	57	1	2	3	35	0.36	0.062	24	48	0.53	121	0.08	4	1.50	0.03	0.22	1	SOIL	TILL	BROWN	HILLSIDE	87 142	
16907	1	31	14	73	0.3	26	11	1040	2.67	2	3	50	1	2	2	54	0.45	0.071	9	41	0.50	176	0.07	5	2.14	0.03	0.11	1	SOIL	COLLUVIUM	BROWN	HILLSIDE	86 142	
16908	1	41	19	99	0.1	20	11	1582	3.24	65	1	54	1	2	2	74	0.71	0.088	6	34	0.55	190	0.05	2	1.27	0.04	0.12	2	SOIL	COLLUVIUM	BROWN	HILLSIDE	OUTCROPS	85 142
16909	1	21	11	49	0.3	31	7	307	2.30	2	8	60	1	2	2	37	0.45	0.020	30	50	0.59	121	0.11	4	1.76	0.04	0.23	2	SOIL	TILL	BROWN	HILLSIDE	84 142	
16910	1	17	7	58	0.1	19	6	459	1.91	2	4	56	1	2	2	30	0.32	0.039	18	33	0.46	140	0.09	4	1.55	0.03	0.17	1	SOIL	TILL	BROWN	OUTCROPS NEARBY	83 142	
16911	1	18	7	56	0.1	21	6	357	1.85	2	4	51	1	2	2	28	0.29	0.057	19	35	0.44	155	0.09	6	1.66	0.03	0.18	1	SOIL	TILL	BROWN	FLAT	82 142	
16912	1	21	10	59	0.2	24	8	509	2.07	4	5	54	1	2	2	35	0.34	0.062	20	39	0.47	149	0.09	5	1.75	0.03	0.16	1	SOIL	COLLUVIUM	BROWN	HILLTOP	81 142	
16913	1	22	15	56	0.3	24	8	417	2.47	4	6	46	1	2	2	44	0.33	0.086	21	40	0.48	115	0.09	3	1.62	0.02	0.18	1	SOIL	COLLUVIUM	BROWN	HILLSIDE	80 142	
16914	1	21	5	48	0.1	24	7	405	2.20	5	5	49	1	2	2	35	0.32	0.040	24	43	0.50	123	0.09	4	1.78	0.03	0.21	1	SOIL	TILL	BROWN	BOULDERS COMMON	79 142	
16915	1	24	10	64	0.1	26	7	509	1.92	2	9	47	1	2	2	33	0.35	0.094	17	38	0.37	161	0.07	4	1.28	0.03	0.12	1	SOIL	TILL	BROWN	HILLSIDE	78 142	
16916	1	15	7	52	0.2	26	6	382	1.86	2	9	63	1	2	2	30	0.33	0.075	23	35	0.46	141	0.09	6	1.36	0.03	0.20	1	SOIL	TILL	BROWN	FLAT	77 142	
16917	1	23	4	74	0.3	33	9	468	2.21	2	10	54	1	2	2	35	0.33	0.122	20	43	0.42	189	0.08	2	1.52	0.02	0.15	1	SOIL	TILL	BROWN	HILLSIDE	76 142	
16918	1	21	8	64	0.3	18	6	450	1.72	2	5	51	1	2	2	28	0.31	0.103	16	23	0.32	174	0.08	5	1.43	0.02	0.13	1	SOIL	TILL	BROWN	EDGE OF BENCH	75 142	
16919	1	25	12	61	0.1	28	8	325	2.18	4	5	37	1	2	2	31	0.27	0.100	19	38	0.43	133	0.07	5	1.53	0.02	0.13	1	SOIL	TILL	B/R/YELLOW	FLAT	99 134	
16920	1	22	8	64	0.1	28	7	364	2.01	2	7	35	1	2	2	31	0.23	0.081	19	39	0.39	129	0.08	4	1.47	0.02	0.13	1	SOIL	TILL	BROWN	FLAT	98 134	
16921	1	15	2	55	0.1	20	6	349	1.75	2	5	34	1	2	2	27	0.22	0.055	14	30	0.31	139	0.06	3	1.04	0.02	0.09	1	SOIL	TILL	BROWN	FLAT	97 134	
16922	1	23	3	56	0.3	32	7	339	2.05	4	7	42	1	2	2	31	0.29	0.071	20	46	0.44	118	0.08	3	1.39	0.02	0.15	1	SOIL	TILL	BROWN	WEST SIDE OF BALDY ROAD	96 134	
16923	1	21	7	62	0.1	36	7	315	2.04	3	8	45	1	2	2	30	0.33	0.114	20	50	0.42	126	0.07	4	1.40	0.02	0.12	1	SOIL	TILL	BROWN	FLAT	94 134	
16924	1	16	3	53	0.1	44	7	280	1.90	2	8	35	1	2	2	30	0.26	0.067	18	70	0.45	95	0.07	5	0.95	0.02	0.15	1	SOIL	TILL	B/R/GREY	HILLSIDE	94 134	
16925	1	11	4	57	0.1	41	6	216	1.90	2	8	36	1	2	2	30	0.26	0.087	18	57	0.38	88	0.06	3	0.86	0.02	0.12	1	SOIL	TILL	BROWN	GENTLE SLOPE	93 134	
16926	1	15	3	51	0.1	46	7	217	1.95	4	10	35	1	2	2	31	0.25	0.069	20	72	0.48	89	0.07	2	0.95	0.02	0.17	1	SOIL	TILL	BROWN	GENTLE SLOPE	9	

SAMPLE NO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU	TYPE	MATERIAL	HORIZ	CLOUR	TOPO	REMARKS	NORTH EAST		
16945	1	18	2	47	0.1	45	7	244	2.09	4	10	40	1	2	2	33	0.28	0.070	22	75	0.51	83	0.08	4	1.05	0.02	0.17	2	3	SOIL	TILL	B	BROWN	HILLTOP	95	130	
16946	1	39	33	105	0.1	69	16	706	3.04	5	6	59	1	2	2	50	0.39	0.113	23	69	0.89	211	0.12	3	2.06	0.03	0.35	1	1	SOIL	TILL	SUBSOIL	BROWN	HILLSIDE	94	130	
16947	1	26	3	114	0.1	41	9	493	1.89	4	5	43	1	2	2	29	0.27	0.113	14	38	0.42	215	0.08	4	1.62	0.02	0.21	1	1	SOIL	TILL	B	BROWN	HILLSIDE	93	130	
16948	1	19	7	85	0.1	25	6	452	1.48	2	1	34	1	2	2	23	0.23	0.094	10	24	0.30	189	0.07	5	1.34	0.03	0.13	1	1	SOIL	TILL	B	BROWN	HILLSIDE	92	130	
16949	1	40	12	122	0.3	60	15	829	2.60	7	3	49	1	2	2	44	0.42	0.127	13	63	0.74	254	0.09	5	1.50	0.03	0.25	1	1	SOIL	TILL	B	BROWN	HILLSIDE	91	130	
16950	1	19	4	76	0.2	24	6	441	1.75	2	5	45	1	2	2	27	0.26	0.084	15	31	0.33	181	0.08	5	1.38	0.03	0.18	1	1	SOIL	TILL	B	BROWN	FLAT	90	130	
16951	1	22	10	77	0.1	37	8	347	2.11	3	11	43	1	2	3	33	0.31	0.123	20	46	0.45	161	0.08	4	1.45	0.02	0.19	1	2	SOIL	TILL	B	BROWN	FLAT	89	130	
16952	1	22	9	92	0.1	39	7	391	2.06	2	5	46	1	2	3	31	0.27	0.137	18	39	0.40	170	0.09	6	1.92	0.03	0.16	1	1	SOIL	TILL	B	BROWN	FLAT	88	130	
16953	1	23	5	92	0.1	48	9	378	2.29	2	14	48	1	2	2	35	0.27	0.157	18	53	0.44	170	0.08	5	1.46	0.02	0.17	1	1	SOIL	TILL	B	BROWN	FLAT	87	130	
16954	1	25	8	101	0.1	54	10	563	2.42	3	16	53	1	2	2	37	0.32	0.149	18	54	0.47	218	0.08	5	1.71	0.02	0.15	1	1	SOIL	TILL	B	BROWN	FLAT	86	130	
16955	1	20	6	82	0.2	48	10	328	2.46	5	10	45	1	2	3	37	0.30	0.141	19	60	0.51	149	0.09	4	1.67	0.02	0.19	1	1	SOIL	TILL	B	BROWN	FLAT	NEAR TO ROAD	85	130
16956	1	21	5	67	0.1	36	8	537	2.19	4	6	52	1	2	2	34	0.33	0.109	18	51	0.44	198	0.08	5	1.56	0.02	0.16	1	1	SOIL	TILL	B	BROWN	FLAT	TAKEN BELOW ROAD	84	130
16957	1	19	3	77	0.3	25	7	442	1.55	2	4	44	1	2	2	27	0.31	0.118	11	27	0.33	178	0.07	7	1.23	0.03	0.15	1	1	SOIL	TILL	B	BROWN	HILLSIDE	83	130	
16958	1	29	11	72	0.1	44	9	462	2.40	6	6	64	1	2	2	37	0.42	0.108	29	61	0.59	173	0.09	2	1.66	0.02	0.29	7	1	SOIL	TILL	B	BROWN	HILLSIDE	82	130	
16959	1	16	3	63	0.1	17	6	341	1.93	2	8	51	1	2	2	32	0.31	0.117	17	25	0.32	146	0.07	4	0.87	0.02	0.15	1	1	SOIL	TILL	B	BROWN	HILLSIDE	81	130	
16960	1	15	3	48	0.1	15	6	420	1.99	2	11	47	1	2	2	32	0.30	0.077	19	27	0.32	132	0.08	2	1.08	0.02	0.18	1	1	SOIL	TILL	B	BROWN	HILLSIDE	80	130	
16966	1	32	3	39	0.4	19	3	47	1.33	5	7	8	1	3	2	19	0.12	0.034	4	16	0.20	218	0.02	2	0.25	0.01	0.09	1	1	GRAB	FLOAT	BR/ORANGE	FLAT	GARNET SCHIST WITH TRACE PYRITE	109	109	

