

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

LOG NO: 0321	RD.
ACTION:	
FILE NO:	

PROJECT 127 RICE

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
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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.

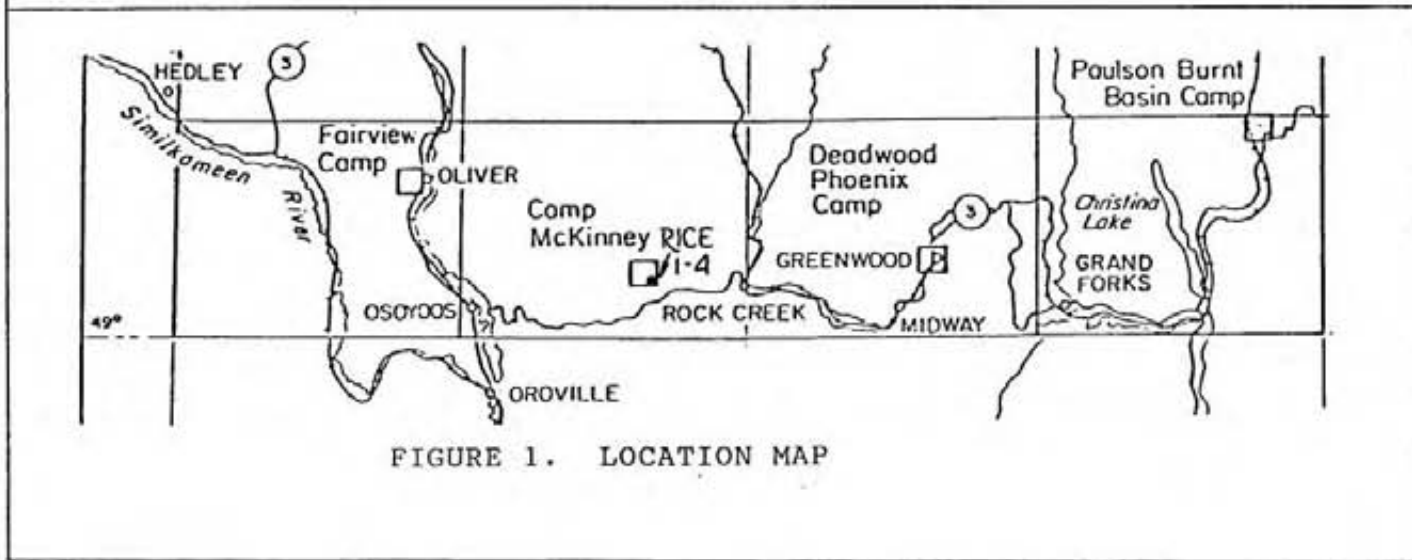


FIGURE 1. LOCATION MAP

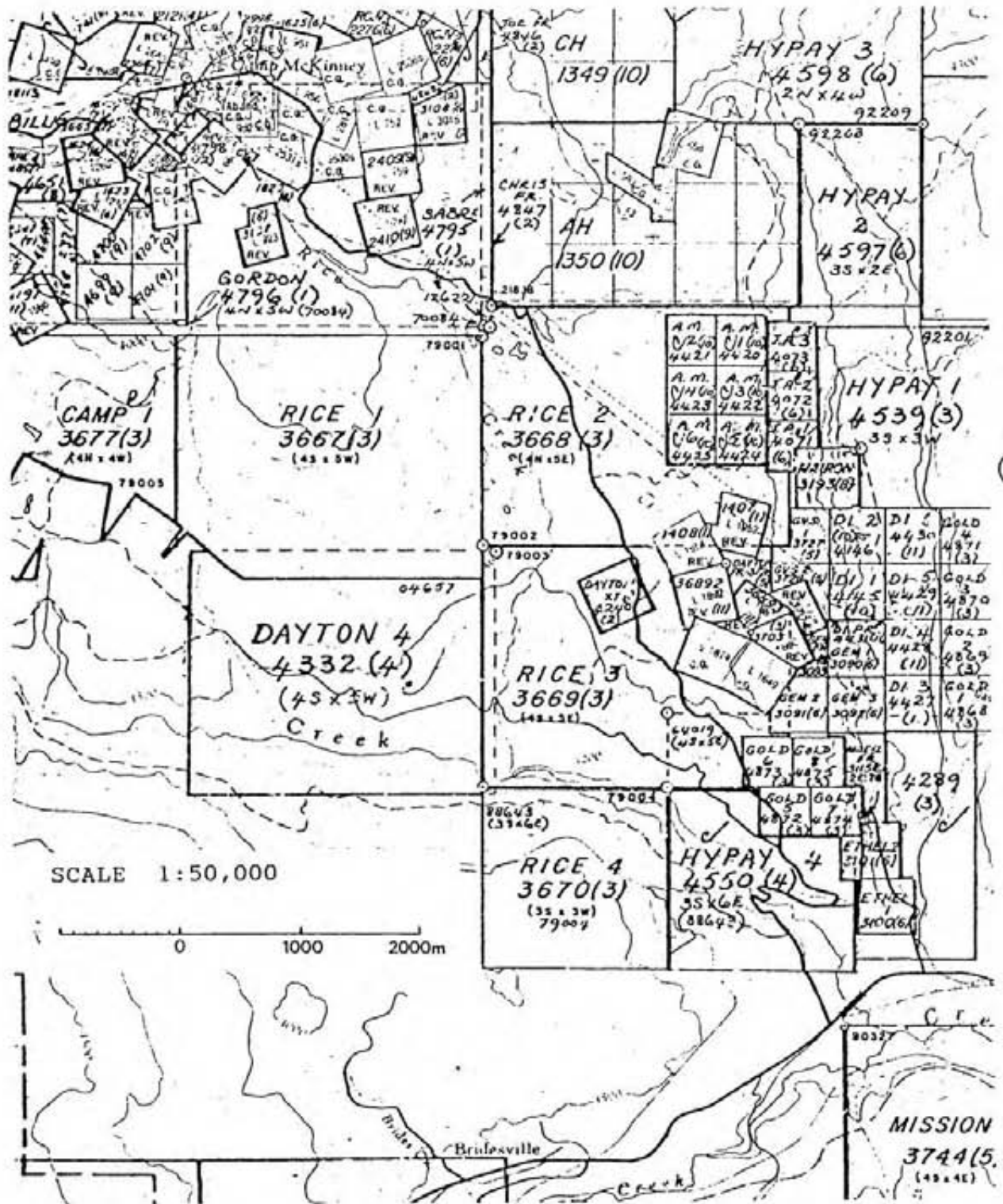


FIGURE 2. CLAIM MAP

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 Pentiction 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 Pentiction 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, 3230ppb and 2350ppb on lines 124+00E, 126+00E and 128+00E respectively are a result of downstream dispersion of tailings from Camp

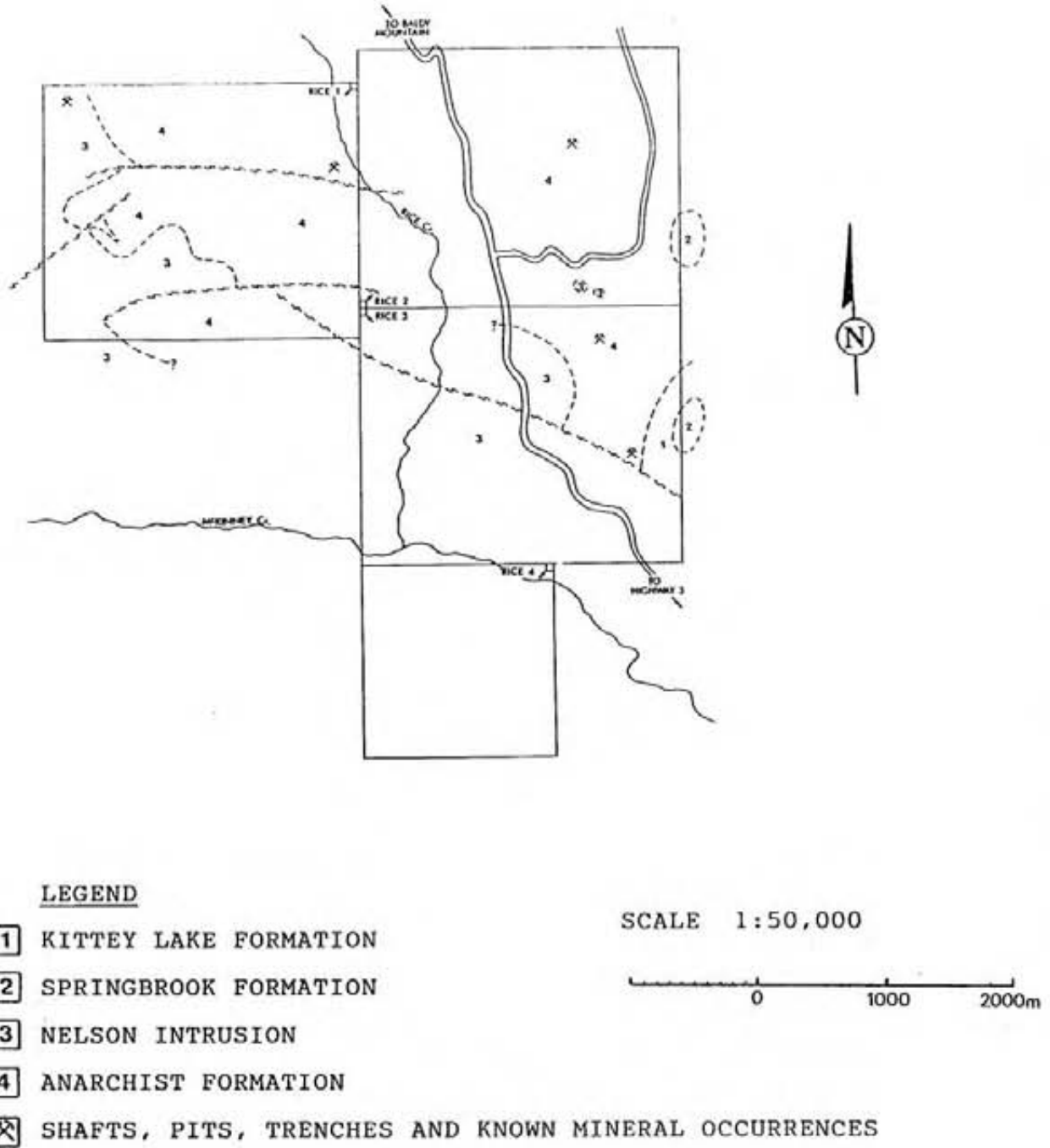


FIGURE 3. SCHEMATIC GEOLOGY MAP

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	
			\$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	
		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:

Drafting & Report Writing:		500.00
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TOTAL	\$ 21,727.50
	=====

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.



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-HNO3-H2O 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 MIRK, analyzed by graphite furnace AA.

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	COLOUR	TOPO	REMARKS	NORTH	EAST	
16945	1	18	2	47	0.1	45	7	244	2.05	4	10	40	1	2	2	33	0.28	0.070	22	75	0.51	83	0.05	4	1.85	0.02	0.17	2	3	SOIL	TILL	B	BROWN	HILLTOP		95	130
16946	1	39	23	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	SUBSOILBROWN	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	0.05	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	46	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	26	7	442	1.55	2	4	44	1	2	2	27	0.31	0.118	11	27	0.35	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	0.168	29	61	0.59	173	0.09	2	1.66	0.02	0.29	1	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	0.97	0.02	0.15	1	1	SOIL	TILL	B	BROWN	HILLSIDE		81	130
16960	1	15	3	49	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	19	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	

