

GEOCHEMICAL

REPORT

MARS 1- 10 CLAIMS

YC60078 – YC60087

NTS # 115 G \ 09

LAT: 61° 38 N

LONG: 138° 14 W

WHITEHORSE MINING DISTRICT

AUTHOR OF REPORT SHAWN RYAN

WORK PERFORMED SEPTEMBER 07, 2007

DATE OF REPORT OCTOBER 01, 2008

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1.0 SUMMARY

The Mars Claims had three soil sampler (Jeramy Duplisea, Phil Burke, Mathew McHugh) visit the property on September 07 2007. A total of 83 soils were collected and proved to be anomalous in gold, bismuth, arsenic and copper.

2.0 INTRODUCTION

The Mars Claims are part of a regional soil survey undertaken by Ryanwood Exploration to re evaluated some of Canadian Occidental Petroleum old showing note in assessment report and discovered in 1972.

3.0 LOCATION

The Mars claims are located 22 kilometers east of north end of Talbot Arm on Kluane Lake and 5 kilometers north of Talbot Creek.; it's in Whitehorse Mining Division, on NTS sheet # 115 G / 09 at the latitude 61°38'N and longitude 138°14'W.

4.0 ACCESS

The Mars claims can be reached via helicopter from or Haine Junctions.

5.0 REGIONAL AND PROPERTY GEOLOGY

5.1 REGIONAL GEOLOGY

The Yukon geology map indicates the Mars Claims are located in one main rock unit (Etv) known as the Nisling Range Suite a medium to coarse grained equigranular to porphyritic rocks of intermediate composition.

6.0 WORK PERFORMED / METHODS

6.1 Soil Survey

The Mars Claims had 3 man days of soil work collecting 83 soils.

All soil sample where taken with one meter soil probes and sometime with a prospector pick. We carried both on rocky talus slope. Soil sample location where marked on the ground with orange flagging and recorded in Garmin GPS. About 400-500 grams of soil was collected and place in well mark kraft soil bags.

All samples where brought out to Dawson and air dried repacked in rice bags and sent to Acme Labs in Vancouver. Sample where process with Aqua Regia ICP-MS for 36 elements.

The GPS where downloaded every night and store in a personal computer.

7.0 INTERPRETATION

7.1 Soil Survey

The soil survey indicated high gold, arsenic and copper coming from the eastern claim block and bismuth and copper coming from the eastern claim block. Skarn mineralization (massive phyrhotite) was noted in Canadian Occidental Petroleum so the soil may be reflecting this style of mineralization.

8.0 RECOMMENDATION

I would recommend a one day soil sampling and prospecting program to follow up on the gold, arsenic and copper anomaly. If this program proves interesting then a larger soil program could be undertaken.

9.0 REFERENCES CITED

Canadian Occidental Petroleum Ltd, 1972. Assessment Report # 062034 by C.F. Gleeson and W.D.B. Winfield.

Canadian Occidental Petroleum Ltd, 1973. Assessment Report # 060105 by N.Saracoglu.

10.0 COST

Wage 3 man days @ \$325.00 per day	\$975.00
Assay Cost 83 soil @ \$20.00 per sample	\$1660.00
Truck / Gas 2 days @ \$180.00 per day	\$360.00
Helicopter Cost 1.5 hour @ \$1,250.00 per hour	\$1,875.00
Report writing	\$400.00
Total	\$5,270.00

11.0 QUALIFICATION

I Shawn Ryan located in Dawson City, Yukon work as a professional prospector. I run a small exploration company located in Dawson City.

I have worked in the exploration business for the last 25 years. I worked the first 12 years as a contractor working on numerous projects in the NWT, Ontario, Quebec and the Yukon. I have worked the last 12 years as a local prospector for myself.

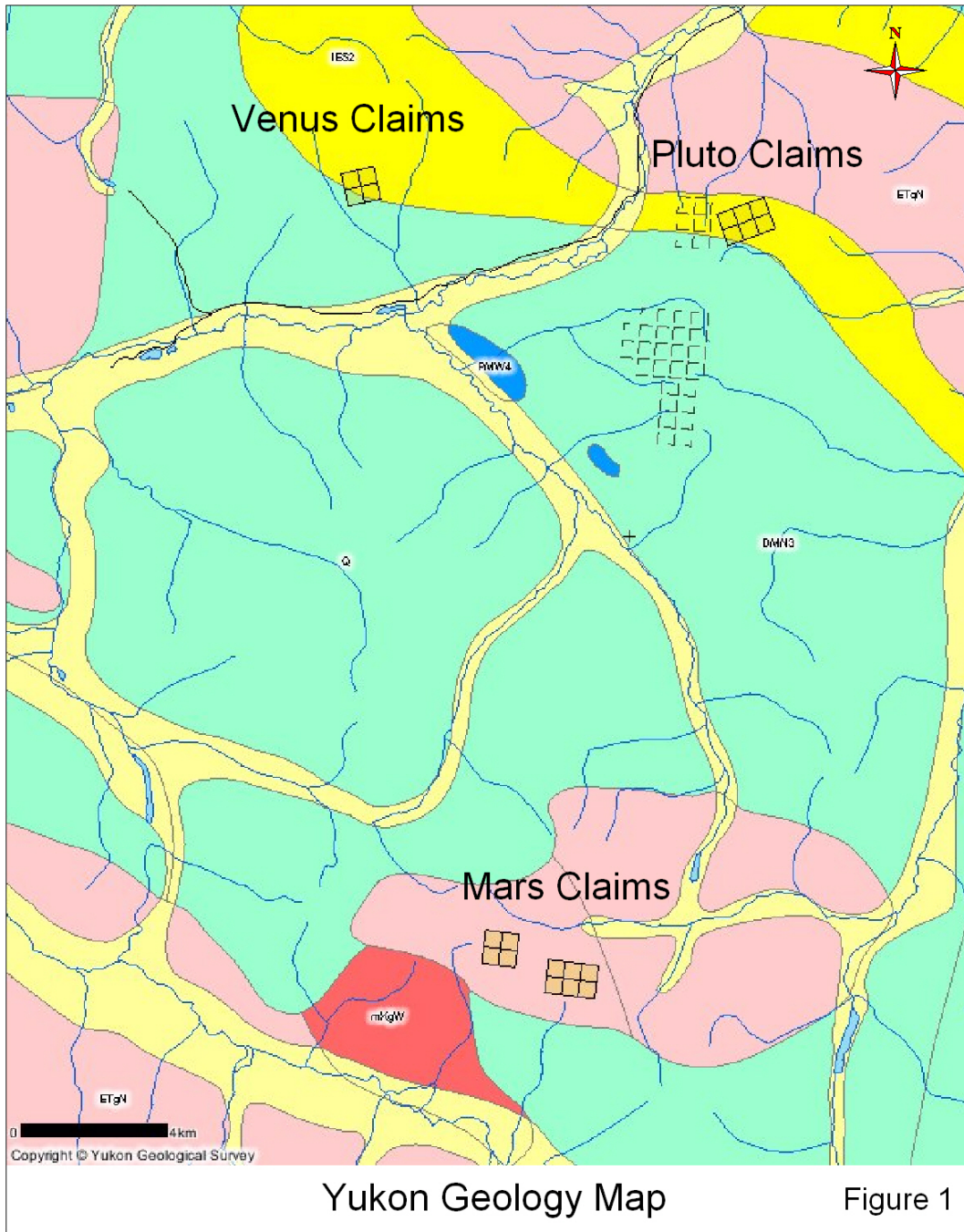
I have overseen the entire Mars Soil Survey and was party chief in charge.

I own 100% of the Mars claims.

Dated this 02 of October 2008 in Dawson City, Yukon.

Respectfully submitted

Shawn Ryan



LOWER EOCENE



IES: SKUKUM

various felsic volcanic dykes, plugs, domes, laccoliths and flows (1) and (2)

2. heterogeneous intermediate to felsic, hornblende-feldspar porphyritic tuff, flow breccia; volcanoclastic mudstone, sandstone and conglomerate; aphanitic to feldspar porphyritic dacite flows and dykes; flow-banded rhyolite and felsic dykes and sills (**Mount Creedon Volcanics, some strata formerly mapped as Mt. Nansen Gp.**)

EARLY TERTIARY



ETN: NISLING RANGE SUITE

medium to coarse grained equigranular to porphyritic rocks of intermediate composition (g), fine to coarse grained, equigranular and porphyritic granitic rocks of felsic composition (q) and felsic dyke rocks (f)

- q. leucocratic, biotite granite; miarolitic alaskite; saccharoidal textured, mafic-poor biotite granite; biotite-hornblende granite to leucocratic granodiorite with sparse, white, alkali feldspar phenocrysts; biotite quartz monzonite (**Nisling Range Suite, Nisling Range Alaskite, Coffee Creek Granite, Annie Ned Granite**)

MID-CRETACEOUS

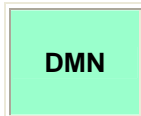


mKW: WHITEHORSE SUITE

grey, medium to coarse grained, generally equigranular granitic rocks of felsic (q), intermediate (g), locally mafic (d) and rarely syenitic (y) composition

- g. biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite; leucocratic, biotite hornblende granodiorite locally with sparse grey and pink potassium feldspar phenocrysts (**Whitehorse Suite, Casino granodiorite, McClintock granodiorite, Nisling Range granodiorite**)

DEVONIAN, MISSISSIPPIAN AND(?) OLDER

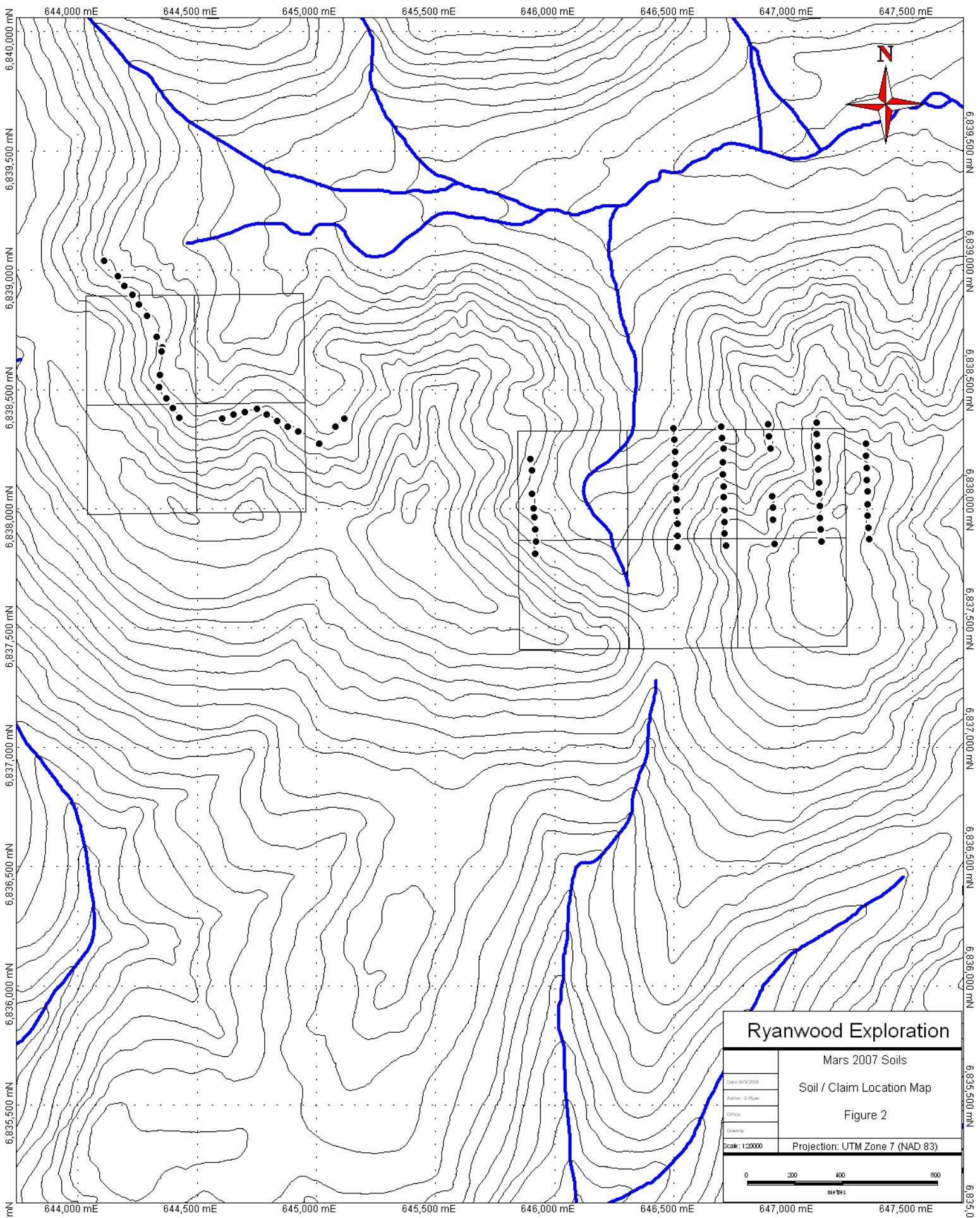


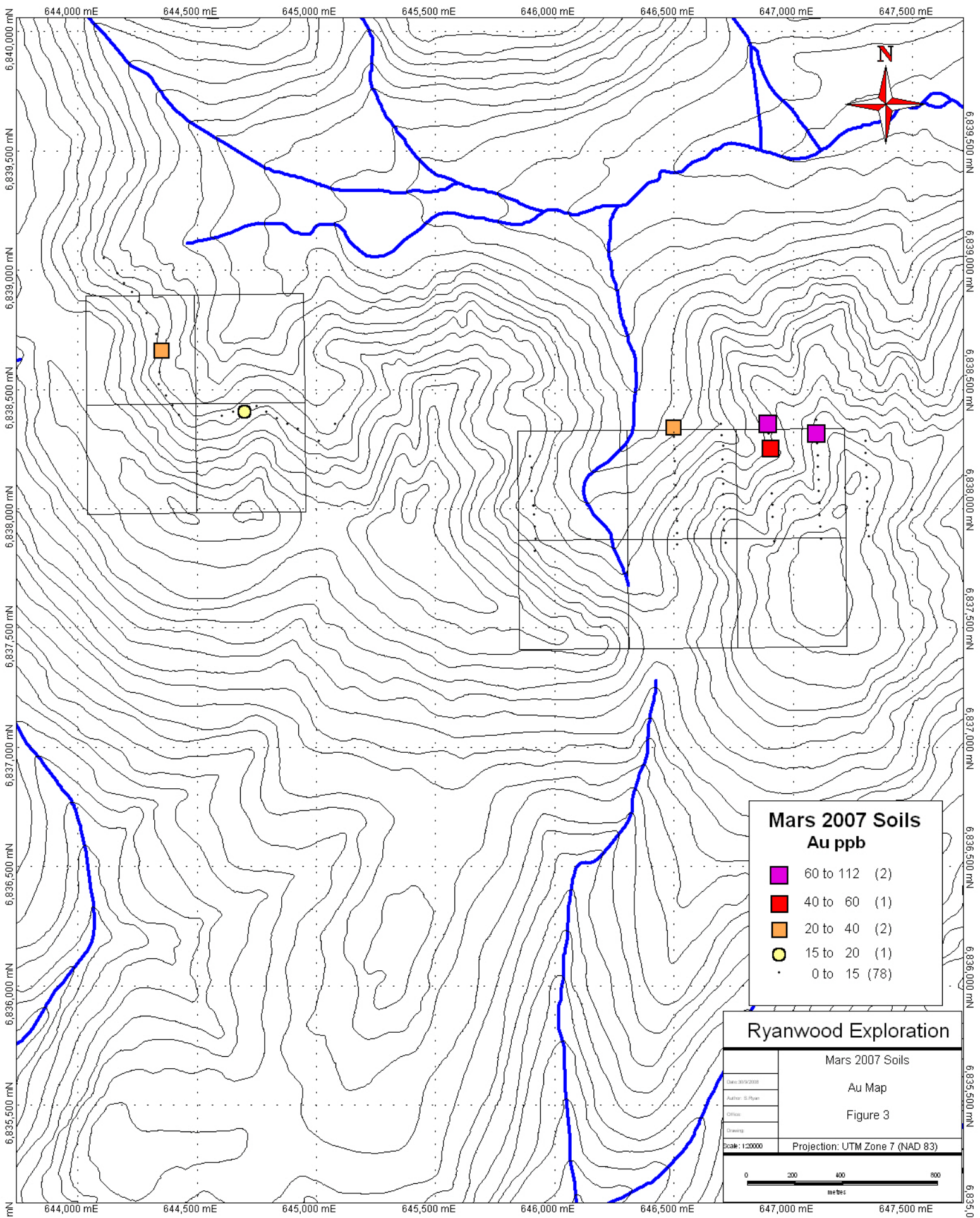
DMN: NASINA

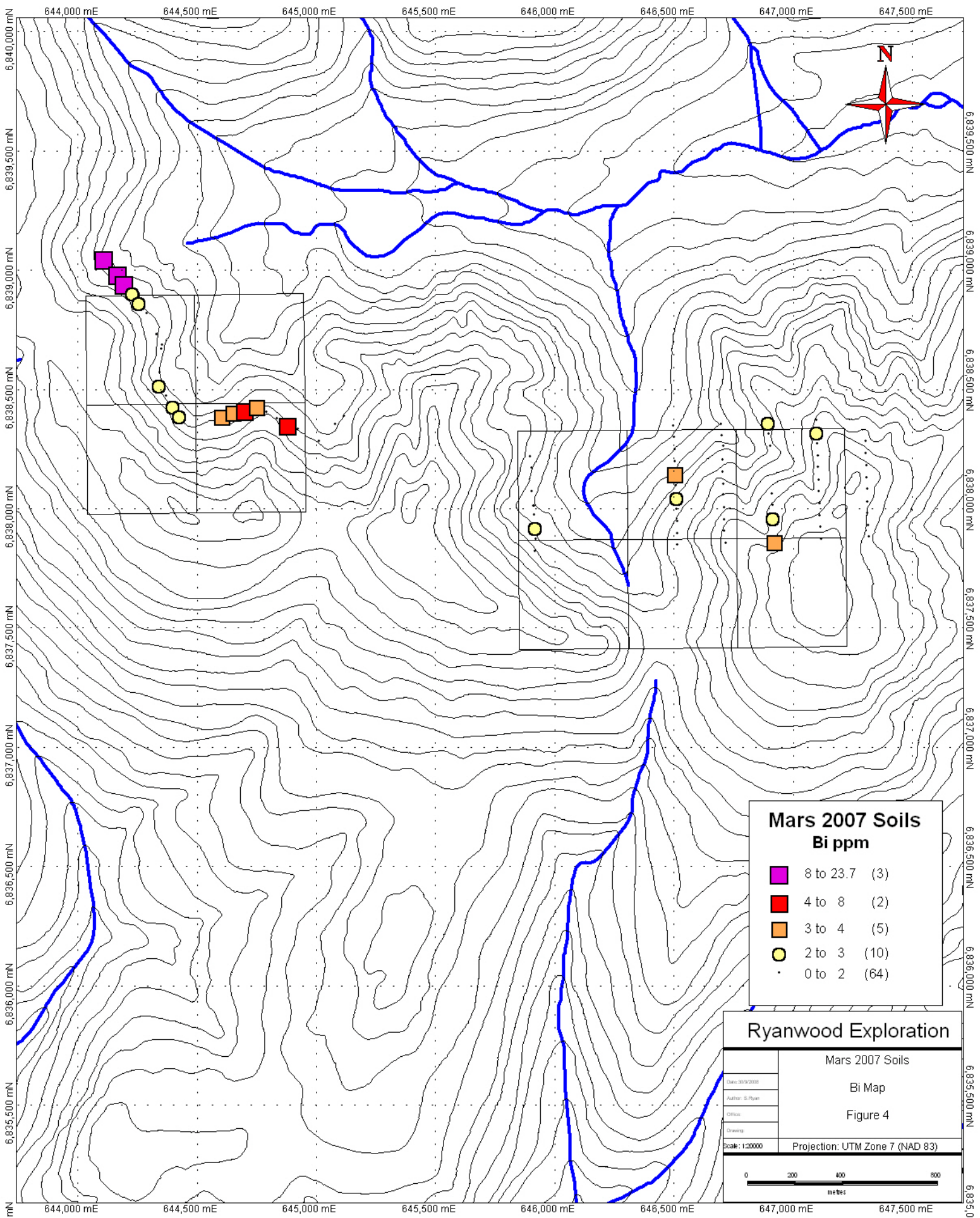
graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and(?) (6) with interspersed marble (2) and probable correlative successions (7) - (9)



3. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Nisling Assemblage

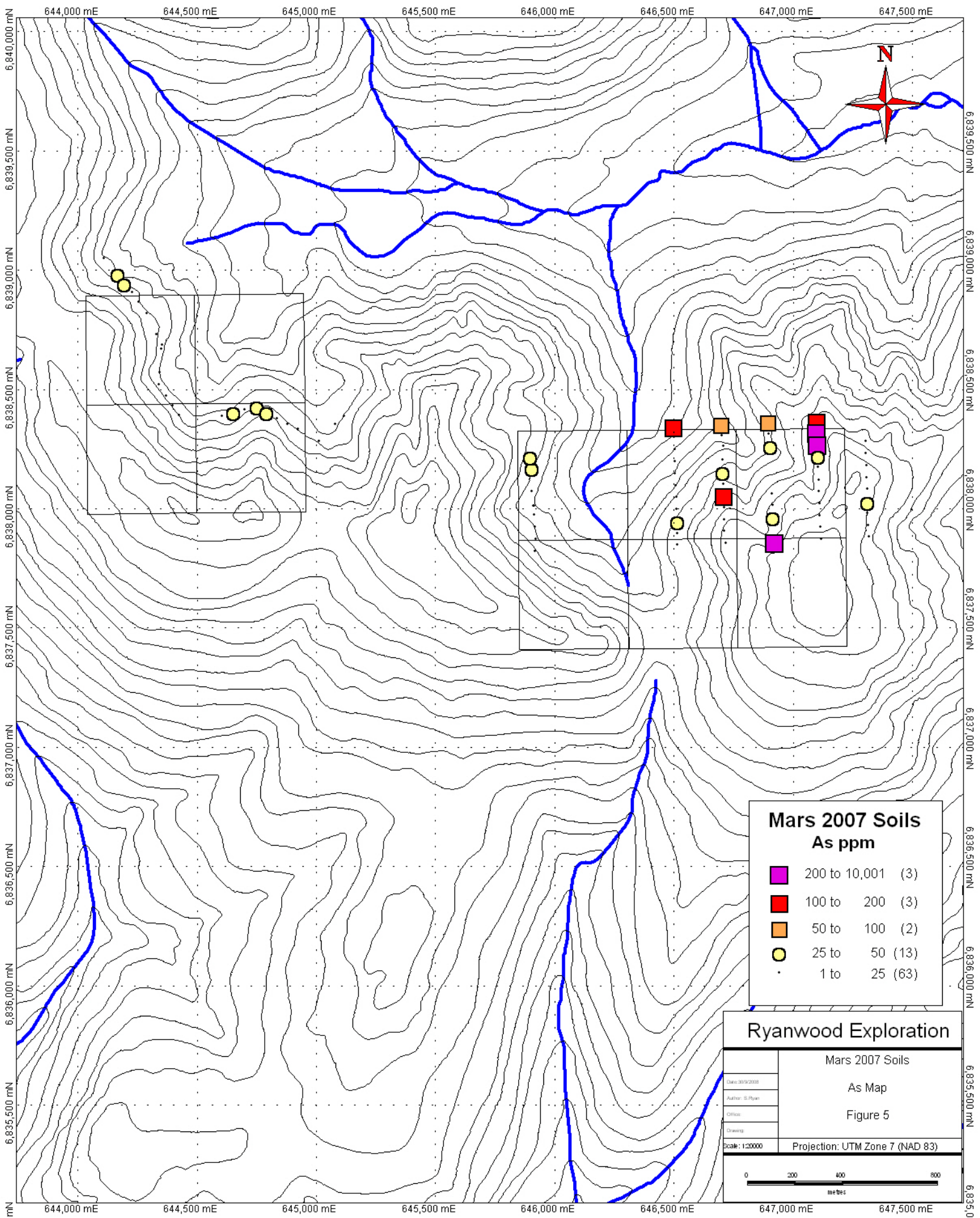


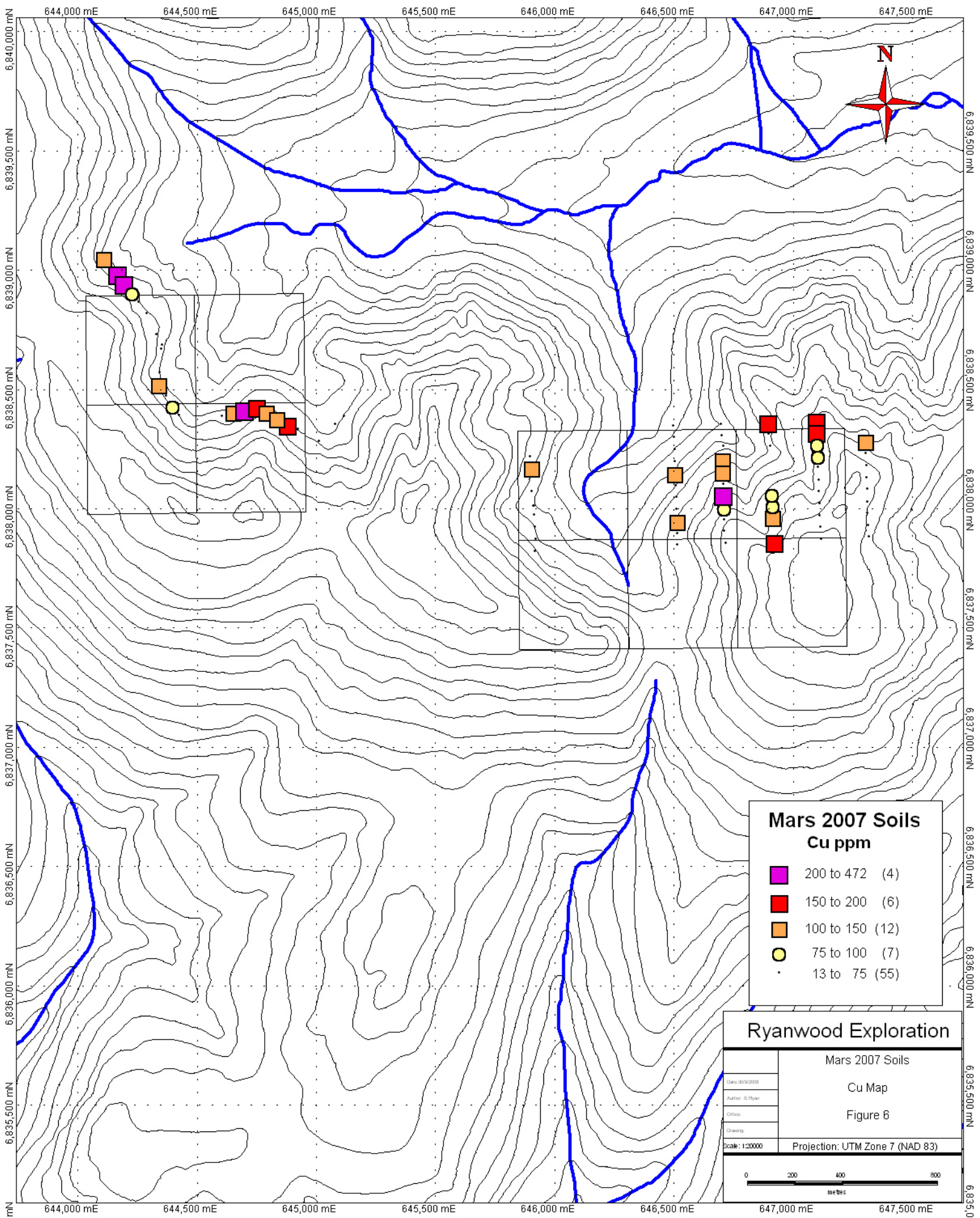




mN 6835,000 mN 6835,500 mN 6836,000 mN 6836,500 mN 6837,000 mN 6837,500 mN 6838,000 mN 6838,500 mN 6839,000 mN 6839,500 mN 6840,000 mN

mE 644,000 mE 644,500 mE 645,000 mE 645,500 mE 646,000 mE 646,500 mE 647,000 mE 647,500 mE





Ryanwood Exploration

Mars 2007 Soils

Cu Map

Figure 6

Date: 3/19/2010	
Author: S. Ryan	
Office:	
Drawing:	
Scale: 1:20000	Projection: UTM Zone 7 (NAD 83)

0 200 400 800
metres

Sample ID	UTM Zone	UTM Easting	UTM Northing	Mo	Cu	Pb	Zn	Ag	Ni
MRS 05001	NAD 83-07V	644111	6839049	5.2	108.3	20.8	134	0.3	24.4
MRS 05002	NAD 83-07V	644168	6838984	11	311.2	69.8	470	1.5	34.6
MRS 05003	NAD 83-07V	644197	6838943	15.1	471.1	118.2	809	1.7	54.3
MRS 05004	NAD 83-07V	644230	6838907	16	95	138.4	834	0.9	22.5
MRS 05005	NAD 83-07V	644258	6838866	9.6	72.1	148.9	1257	1.3	24.3
MRS 05006	NAD 83-07V	644290	6838818	16.1	45	44.6	400	0.3	29.1
MRS 05007	NAD 83-07V	644332	6838728	13.1	54.2	71.1	625	0.5	17.6
MRS 05008	NAD 83-07V	644355	6838684	7.7	48.9	51.2	393	0.1	19.7
MRS 05009	NAD 83-07V	644352	6838669	11.6	63.7	75.5	653	0.3	26.1
MRS 05010	NAD 83-07V	644345	6838571	1.2	22.5	7.5	56	0.05	8
MRS 05011	NAD 83-07V	644341	6838518	11.8	134.6	79.7	357	0.4	41.1
MRS 05012	NAD 83-07V	644372	6838472	6.2	41.4	169.4	404	0.2	22.7
MRS 05013	NAD 83-07V	644401	6838432	9	77	69.1	445	0.6	32.2
MRS 05014	NAD 83-07V	644428	6838390	3.2	41.4	58.9	233	0.4	12.9
MRS 05015	NAD 83-07V	644606	6838386	6.7	56.5	44.2	222	0.3	22.1
MRS 05016	NAD 83-07V	644654	6838402	6.8	140.4	11.4	576	0.5	81.7
MRS 05017	NAD 83-07V	644701	6838413	11	265.7	17.4	488	0.8	58.1
MRS 05018	NAD 83-07V	644752	6838428	16.2	171.7	20.6	361	0.6	61.9
MRS 05019	NAD 83-07V	644794	6838402	14.6	108.8	31.1	384	0.3	55.5
MRS 05020	NAD 83-07V	644836	6838376	6.3	108.8	44.7	306	0.3	32.3
MRS 05021	NAD 83-07V	644881	6838352	7.6	169.8	25.1	487	1.4	37.7
MRS 05022	NAD 83-07V	644924	6838331	0.5	27.1	1.9	29	0.05	3.6
MRS 05023	NAD 83-07V	645013	6838281	2	26.2	9.2	80	0.1	7.6
MRS 05024	NAD 83-07V	645081	6838351	1.7	45.8	8.5	81	0.2	14.3
MRS 05025	NAD 83-07V	645117	6838385	2.9	41.7	15.9	107	0.1	19.1
MRS 05233	NAD 83-07V	646704	6838203	3.1	106.8	62.6	280	0.5	68.9
MRS 05234	NAD 83-07V	646710	6838260	0.5	20.4	7.9	27	0.05	5.5
MRS 05235	NAD 83-07V	646701	6838304	0.6	18.8	8.6	35	0.05	7.2
MRS 05236	NAD 83-07V	646699	6838354	1.4	27.4	281.9	223	1.2	12.6
MRS 05237	NAD 83-07V	646498	6838345	3.5	46.5	346.5	571	1.2	36.5
MRS 05238	NAD 83-07V	646503	6838297	4.9	62.1	48.7	244	0.4	24.6
MRS 05239	NAD 83-07V	646505	6838246	1.5	36.2	20.8	138	0.3	12.7
MRS 05240	NAD 83-07V	646507	6838196	1.6	28.9	32.4	123	0.2	9.9
MRS 05241	NAD 83-07V	646507	6838146	4.9	121.8	569.2	990	2.1	33.7
MRS 05242	NAD 83-07V	646510	6838095	0.5	16.5	9.9	35	0.1	4.5
MRS 05243	NAD 83-07V	646512	6838047	2.4	65.3	17.2	132	0.2	18.1
MRS 05244	NAD 83-07V	646513	6837996	2.3	58.7	31.9	132	0.2	31.9
MRS 05245	NAD 83-07V	646514	6837946	1.9	106.8	18.9	235	0.2	304.2
MRS 05246	NAD 83-07V	646516	6837896	1.7	45	97.7	172	0.2	35.9
MRS 05247	NAD 83-07V	646517	6837847	1.7	43.9	45	212	0.3	29.9
MRS 05248	NAD 83-07V	645920	6837819	5.9	43.2	39.1	137	0.2	27.9
MRS 05249	NAD 83-07V	645921	6837870	4.7	24.1	31.8	145	0.2	10.5
MRS 05250	NAD 83-07V	645919	6837921	11.7	60	138.2	392	0.9	19.2
MRS 05362	NAD 83-07V	646922	6837862	5.4	171.4	1992	2659	3.8	90.1
MRS 05363	NAD 83-07V	646916	6837962	5.5	123.4	468.4	2458	2.4	195
MRS 05364	NAD 83-07V	646915	6838012	4.1	82.6	64.3	1246	0.5	136.4
MRS 05365	NAD 83-07V	646912	6838062	4.6	76.7	104.3	866	0.7	109.1
MRS 05366	NAD 83-07V	646905	6838262	3.8	74.5	257.6	1103	0.9	61.4
MRS 05367	NAD 83-07V	646899	6838313	1	46.5	47.7	345	0.3	26.6
MRS 05368	NAD 83-07V	646897	6838364	4.2	191.9	922.7	2456	3.1	131.7
MRS 05369	NAD 83-07V	647098	6838371	2.8	184	908.9	781	2	73.6
MRS 05370	NAD 83-07V	647098	6838321	2.8	173.5	2383	630	6.4	44
MRS 05371	NAD 83-07V	647102	6838271	4.9	85.6	93.8	233	1.1	35.8
MRS 05372	NAD 83-07V	647104	6838222	1.7	75.5	180.6	368	0.3	36.6
MRS 07987	NAD 83-07V	647105	6838173	1.5	59.5	66.8	206	0.6	16.8
MRS 07988	NAD 83-07V	647108	6838120	2.3	63.5	47.3	221	0.5	40
MRS 07989	NAD 83-07V	647109	6838071	1.2	45.3	46.4	188	0.3	26.3
MRS 07990	NAD 83-07V	647111	6838021	4.4	66.4	59.9	422	0.7	69.7

Sample ID	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
MRS 05001	8.1	297	2.85	8.9	2.1	4.1	2.2	13	0.5	0.3	10.9
MRS 05002	12.7	758	4.13	30.2	5.2	6.5	7.2	22	2.9	0.3	23.7
MRS 05003	18.8	1504	4.26	29.4	12	10	12.6	24	5.3	0.4	12.8
MRS 05004	8.9	957	2.74	9.5	20.1	6.1	22.7	15	3.3	0.3	2.6
MRS 05005	10.4	887	2.68	7.4	14.5	5.6	23	20	8.1	0.4	2.4
MRS 05006	11.4	992	2.23	5.5	22.5	3.6	27.1	22	2.6	0.4	0.6
MRS 05007	8	678	2.32	5.7	9.7	3.8	12.9	16	3.7	0.2	0.9
MRS 05008	8.9	622	2.2	5.4	7	5.2	7.5	13	1.3	0.3	0.7
MRS 05009	12	899	2.77	5.8	11.4	23.2	16.1	20	4	0.3	0.9
MRS 05010	4.7	210	1.21	4	2.1	1.5	1.4	13	0.3	0.2	0.1
MRS 05011	14.1	666	3.17	5.9	4.3	6	6.5	17	2.1	0.2	2.3
MRS 05012	9.1	612	3.54	5.9	8.3	2.2	3.4	23	0.6	0.4	1.6
MRS 05013	14.3	1111	3.54	7.4	10.7	6.3	9.5	26	3.1	0.5	2.5
MRS 05014	7.2	692	2.45	3.9	5.6	3.8	6.3	19	0.9	0.2	2.7
MRS 05015	6.9	807	2.06	11.4	15.2	8.4	20.1	12	2.1	0.3	3
MRS 05016	11.5	605	2.82	25.4	6.3	9	1.2	27	7.5	0.6	3.4
MRS 05017	25.3	750	3.77	18.3	17.5	17.9	3.4	18	2.7	0.6	7.8
MRS 05018	18.8	1001	4.32	38.5	7.6	6.1	3.9	18	2.8	0.9	3.3
MRS 05019	21.3	1875	4.79	25.9	12.6	10	11.1	26	3.7	1	1.6
MRS 05020	9.2	658	3.09	12.7	10.7	4.6	9	17	2	0.4	1.5
MRS 05021	20	1221	4.17	19.2	4.4	14	8	24	3.7	0.4	6.2
MRS 05022	3.2	109	0.73	1.4	0.4	0.8	0.4	8	0.2	0.05	0.2
MRS 05023	4.3	228	1.18	3.5	2.8	2.6	2.3	9	0.4	0.2	0.3
MRS 05024	6.6	218	1.45	7.1	0.9	3.1	0.4	15	0.7	0.4	1.5
MRS 05025	8.4	354	2.59	11.5	1.1	3	0.8	15	0.6	0.8	0.7
MRS 05233	35.5	557	4.53	19.1	2.3	4.8	5.4	34	1.8	0.4	0.7
MRS 05234	4.2	90	0.73	2.5	0.4	1.4	0.2	10	0.2	0.1	0.1
MRS 05235	4.4	141	1.03	3	0.4	1.5	0.3	12	0.4	0.2	0.1
MRS 05236	6.4	242	1.58	61.7	0.8	2.8	0.4	15	1.5	0.7	0.9
MRS 05237	10.8	277	3.14	130.2	1.2	26.5	1.6	21	1.9	1.4	1.9
MRS 05238	12.4	652	2.1	7.5	7	3.7	8.2	19	2.1	0.3	0.6
MRS 05239	9.4	228	1.41	5.8	1.1	12.2	1	11	1.8	0.3	0.5
MRS 05240	6.6	604	1.69	3.9	1.9	1.6	2.8	11	0.7	0.2	0.5
MRS 05241	17.7	373	3.07	20	2	8.3	2.6	21	4	1.1	3.4
MRS 05242	3.5	93	0.96	2.1	0.3	0.8	0.3	10	0.2	0.1	0.4
MRS 05243	19.6	540	2.52	10.1	1.1	2.7	1.9	20	0.9	0.4	2.1
MRS 05244	14.9	477	3.27	16.7	1.2	4.8	1.8	21	0.8	0.9	0.8
MRS 05245	30.5	345	3.76	36.8	1.6	3.8	3.3	48	1.7	0.4	1.5
MRS 05246	12.6	420	3.4	14.3	1.2	3.4	1.9	13	0.7	0.7	0.7
MRS 05247	15	520	2.88	18.9	1.2	6.9	3.2	20	1.4	0.5	0.8
MRS 05248	10.8	485	2.89	14.7	2.7	4	4	23	0.5	0.9	0.8
MRS 05249	3.8	412	1.31	5.6	6.3	3.8	15.2	9	0.6	0.3	0.4
MRS 05250	8.7	735	2.57	8.5	7.3	12.7	9.4	22	2.1	0.5	2.4
MRS 05362	14.1	1429	3.67	262.1	5.2	11.6	3.6	106	38.1	3	3.6
MRS 05363	23.6	732	3.33	30.1	10.3	5	2.8	56	22.1	1.8	2.6
MRS 05364	35	937	3.76	11.6	7.1	1.3	2.4	65	31.6	1.1	0.7
MRS 05365	16.5	588	2.89	19.1	6.4	12.1	4.7	30	7.6	1.4	1.5
MRS 05366	15.9	795	3.62	41.9	2.7	53.8	0.8	26	10.7	1.1	1.7
MRS 05367	8.2	270	1.6	11.2	1.7	1.4	0.8	22	6.2	0.3	0.2
MRS 05368	20.4	798	3.91	75.3	4.2	111.8	5.1	30	16.8	1.2	2.6
MRS 05369	29.8	2119	4.12	125.1	2.5	8.1	4.6	37	23.9	1.3	1.1
MRS 05370	15.5	839	4.79	10001	1.9	73.9	4.2	27	14.1	7.6	2.5
MRS 05371	13.7	838	3.59	246	4	3.5	0.8	27	1.4	0.8	0.4
MRS 05372	17.5	749	2.98	43	1.2	3.3	2.4	42	4	0.6	0.6
MRS 07987	11.4	1110	2.77	13	1.3	2.2	1.4	26	3.3	0.5	0.5
MRS 07988	16.6	787	3.54	23	1.7	4.9	2.9	50	2.2	0.8	0.5
MRS 07989	10.1	370	2.12	14.8	1.7	2.4	0.9	37	1.8	0.6	0.4
MRS 07990	13	498	2.76	15.8	3.7	2.8	3.5	41	6.1	0.9	0.5

Sample ID	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
MRS 05001	72	0.19	0.091	11	31	0.35	135	0.044	1	1.08	0.01
MRS 05002	86	0.33	0.153	16	39	0.44	313	0.044	1	0.96	0.018
MRS 05003	72	0.4	0.185	33	30	0.47	250	0.036	0.5	1	0.02
MRS 05004	23	0.27	0.092	48	13	0.19	102	0.008	0.5	0.52	0.009
MRS 05005	27	0.29	0.108	48	17	0.28	147	0.012	1	0.72	0.013
MRS 05006	36	0.32	0.096	43	19	0.65	109	0.052	0.5	0.96	0.026
MRS 05007	24	0.26	0.088	21	12	0.16	93	0.009	0.5	0.6	0.01
MRS 05008	33	0.21	0.071	26	16	0.27	110	0.013	0.5	0.97	0.013
MRS 05009	29	0.32	0.117	25	17	0.27	129	0.019	0.5	0.62	0.01
MRS 05010	29	0.18	0.059	7	8	0.17	34	0.035	0.5	0.6	0.017
MRS 05011	60	0.25	0.097	20	30	0.58	150	0.053	0.5	1.05	0.013
MRS 05012	38	0.27	0.105	22	23	0.19	120	0.006	0.5	0.95	0.008
MRS 05013	41	0.35	0.105	66	26	0.54	151	0.039	0.5	0.97	0.028
MRS 05014	41	0.25	0.087	33	13	0.26	97	0.051	0.5	0.7	0.02
MRS 05015	48	0.21	0.079	43	13	0.26	71	0.021	0.5	0.72	0.01
MRS 05016	134	0.66	0.271	17	25	0.36	276	0.018	0.5	0.87	0.013
MRS 05017	92	0.31	0.131	18	28	0.62	182	0.044	0.5	1.26	0.014
MRS 05018	70	0.39	0.157	19	17	0.31	383	0.011	0.5	0.72	0.008
MRS 05019	57	0.54	0.193	38	18	0.28	930	0.007	0.5	0.65	0.005
MRS 05020	45	0.32	0.089	44	16	0.31	328	0.008	0.5	0.71	0.008
MRS 05021	65	0.33	0.106	26	23	0.49	411	0.013	0.5	1.21	0.01
MRS 05022	20	0.13	0.055	4	3	0.08	43	0.026	0.5	0.38	0.013
MRS 05023	26	0.12	0.052	21	8	0.18	34	0.031	0.5	0.56	0.017
MRS 05024	29	0.16	0.046	6	13	0.25	77	0.025	0.5	0.81	0.017
MRS 05025	52	0.15	0.054	7	20	0.27	86	0.031	0.5	1.04	0.012
MRS 05233	77	0.25	0.085	14	32	1.09	142	0.134	0.5	2.35	0.028
MRS 05234	18	0.11	0.042	4	5	0.09	34	0.023	0.5	0.66	0.024
MRS 05235	25	0.15	0.056	5	7	0.15	39	0.03	0.5	0.55	0.012
MRS 05236	47	0.15	0.061	4	14	0.26	84	0.033	0.5	0.72	0.021
MRS 05237	110	0.22	0.072	9	33	0.61	149	0.078	1	1.59	0.019
MRS 05238	38	0.3	0.068	51	19	0.48	60	0.051	0.5	1.09	0.022
MRS 05239	32	0.15	0.059	8	11	0.25	36	0.033	0.5	0.82	0.02
MRS 05240	43	0.15	0.064	17	11	0.23	32	0.048	0.5	0.82	0.018
MRS 05241	62	0.3	0.094	14	24	0.58	63	0.068	1	1.32	0.027
MRS 05242	26	0.14	0.045	7	6	0.13	29	0.034	0.5	0.47	0.024
MRS 05243	48	0.21	0.073	16	19	0.44	61	0.057	2	1.32	0.02
MRS 05244	55	0.18	0.073	11	32	0.61	72	0.048	0.5	1.63	0.014
MRS 05245	78	0.53	0.15	16	444	2.65	107	0.129	0.5	2.66	0.01
MRS 05246	86	0.13	0.05	11	43	0.66	78	0.071	1	2.26	0.01
MRS 05247	60	0.23	0.061	12	34	0.69	110	0.079	2	1.85	0.017
MRS 05248	50	0.27	0.065	34	31	0.64	82	0.044	2	1.44	0.025
MRS 05249	16	0.11	0.029	38	9	0.2	43	0.014	0.5	0.69	0.013
MRS 05250	35	0.29	0.07	70	24	0.42	111	0.024	0.5	1.19	0.026
MRS 05362	301	1.22	0.224	24	100	2.04	476	0.069	3	2.33	0.034
MRS 05363	255	0.66	0.142	20	62	1.19	678	0.077	2	2.27	0.039
MRS 05364	123	0.77	0.209	24	37	1.42	616	0.085	1	1.76	0.065
MRS 05365	150	0.39	0.159	21	31	0.58	442	0.068	0.5	1.5	0.022
MRS 05366	200	0.41	0.156	12	48	0.9	691	0.039	1	2.14	0.014
MRS 05367	64	0.33	0.092	6	10	0.27	80	0.068	0.5	0.61	0.022
MRS 05368	127	0.43	0.104	16	45	1	466	0.103	0.5	2.19	0.026
MRS 05369	63	0.25	0.1	25	27	0.54	4029	0.059	2	1.87	0.022
MRS 05370	65	0.26	0.106	17	32	0.61	1810	0.048	2	1.74	0.021
MRS 05371	133	0.19	0.146	14	42	0.79	349	0.054	0.5	2.23	0.019
MRS 05372	79	0.48	0.08	14	43	0.87	162	0.107	1	2.03	0.041
MRS 07987	52	0.57	0.108	13	17	0.44	880	0.063	0.5	1.15	0.025
MRS 07988	72	0.45	0.109	15	35	0.8	185	0.085	1	2.16	0.021
MRS 07989	57	0.99	0.096	10	23	0.49	228	0.061	1	1.25	0.032
MRS 07990	122	0.47	0.158	13	36	0.56	484	0.074	0.5	1.43	0.022

Sample ID	K	W	Hg	Sc	Tl	S	Ga	Se	Method	Acme File
MRS 05001	0.11	1.7	0.02	2.1	0.2	0.08	4	0.6	1DX15	VAN07003025
MRS 05002	0.2	2.6	0.02	3.9	0.4	0.13	4	1.7	1DX15	VAN07003025
MRS 05003	0.19	2.8	0.04	4.5	0.3	0.13	4	1.4	1DX15	VAN07003025
MRS 05004	0.1	1	0.04	2.7	0.1	0.025	2	0.25	1DX15	VAN07003025
MRS 05005	0.09	1	0.07	2.9	0.1	0.025	2	0.25	1DX15	VAN07003025
MRS 05006	0.1	0.4	0.06	1.9	0.2	0.025	3	0.25	1DX15	VAN07003025
MRS 05007	0.09	0.7	0.02	1.9	0.1	0.025	2	0.25	1DX15	VAN07003025
MRS 05008	0.07	0.5	0.03	1.9	0.1	0.025	3	0.25	1DX15	VAN07003025
MRS 05009	0.1	0.7	0.005	2.7	0.1	0.025	2	0.25	1DX15	VAN07003025
MRS 05010	0.03	0.2	0.06	0.6	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 05011	0.22	1.2	0.02	4	0.4	0.025	4	0.7	1DX15	VAN07003025
MRS 05012	0.06	0.3	0.02	1.8	0.2	0.025	3	0.25	1DX15	VAN07003025
MRS 05013	0.11	0.4	0.07	3.5	0.2	0.025	3	0.25	1DX15	VAN07003025
MRS 05014	0.06	0.4	0.02	1.7	0.05	0.025	3	0.25	1DX15	VAN07003025
MRS 05015	0.08	0.9	0.04	1.4	0.2	0.025	3	0.25	1DX15	VAN07003025
MRS 05016	0.08	2	0.08	2.5	0.2	0.06	4	1.4	1DX15	VAN07003025
MRS 05017	0.14	2.6	0.03	3.8	0.4	0.025	5	1.4	1DX15	VAN07003025
MRS 05018	0.07	0.8	0.02	4.6	0.2	0.025	3	1.1	1DX15	VAN07003025
MRS 05019	0.11	1.1	0.03	5.3	0.2	0.025	3	0.8	1DX15	VAN07003025
MRS 05020	0.09	1.2	0.03	3	0.2	0.025	3	1	1DX15	VAN07003025
MRS 05021	0.12	0.8	0.04	4.3	0.3	0.025	4	0.6	1DX15	VAN07003025
MRS 05022	0.03	0.1	0.02	0.5	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 05023	0.04	0.2	0.02	0.7	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 05024	0.04	0.3	0.03	0.8	0.05	0.025	3	0.25	1DX15	VAN07003025
MRS 05025	0.04	0.3	0.06	1.2	0.1	0.025	6	0.6	1DX15	VAN07003025
MRS 05233	0.3	0.7	0.03	4.3	0.6	0.14	8	0.7	1DX15	VAN07003025
MRS 05234	0.03	0.2	0.04	0.5	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 05235	0.03	0.1	0.05	0.5	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 05236	0.07	0.3	0.05	0.8	0.1	0.09	4	0.5	1DX15	VAN07003025
MRS 05237	0.09	0.6	0.05	2.5	0.2	0.14	8	0.8	1DX15	VAN07003025
MRS 05238	0.13	0.3	0.05	2.2	0.2	0.06	4	1.4	1DX15	VAN07003025
MRS 05239	0.04	0.2	0.04	1	0.05	0.08	3	0.25	1DX15	VAN07003025
MRS 05240	0.03	0.3	0.05	0.8	0.05	0.05	3	0.25	1DX15	VAN07003025
MRS 05241	0.13	1.1	0.07	2.1	0.2	0.13	5	1.4	1DX15	VAN07003025
MRS 05242	0.03	0.05	0.04	0.5	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 05243	0.07	2.2	0.03	1.9	0.2	0.08	5	0.25	1DX15	VAN07003025
MRS 05244	0.08	0.9	0.06	2.1	0.2	0.07	6	0.6	1DX15	VAN07003025
MRS 05245	0.22	0.7	0.03	3.4	0.5	0.025	9	0.25	1DX15	VAN07003025
MRS 05246	0.1	0.4	0.03	3	0.2	0.06	7	0.25	1DX15	VAN07003025
MRS 05247	0.13	0.4	0.03	3.2	0.3	0.025	7	0.5	1DX15	VAN07003025
MRS 05248	0.07	0.3	0.08	2.6	0.1	0.08	5	1	1DX15	VAN07003025
MRS 05249	0.06	0.2	0.02	0.9	0.05	0.025	3	1	1DX15	VAN07003025
MRS 05250	0.1	0.3	0.04	2.7	0.1	0.06	4	1.4	1DX15	VAN07003025
MRS 05362	0.27	0.9	0.04	4.8	0.6	0.05	9	3.5	1DX15	VAN07003025
MRS 05363	0.1	0.6	0.09	4.5	0.4	0.06	7	3.2	1DX15	VAN07003025
MRS 05364	0.11	0.2	0.06	3.5	0.3	0.025	5	2.5	1DX15	VAN07003025
MRS 05365	0.08	0.6	0.05	2.9	0.2	0.025	5	2.3	1DX15	VAN07003025
MRS 05366	0.09	0.6	0.05	2.3	0.3	0.06	8	2	1DX15	VAN07003025
MRS 05367	0.04	0.3	0.03	0.9	0.05	0.025	3	0.25	1DX15	VAN07003025
MRS 05368	0.12	1.4	0.03	4.7	0.4	0.05	8	3.4	1DX15	VAN07003025
MRS 05369	0.18	0.5	0.06	4.6	0.2	0.06	5	4.1	1DX15	VAN07003025
MRS 05370	0.12	0.5	0.09	3.4	0.2	0.16	6	11.4	1DX15	VAN07003025
MRS 05371	0.19	0.3	0.05	2.4	0.6	0.18	8	1.4	1DX15	VAN07003025
MRS 05372	0.16	0.6	0.06	3.6	0.3	0.025	9	0.8	1DX15	VAN07003025
MRS 07987	0.06	0.5	0.04	2.2	0.1	0.025	4	1.4	1DX15	VAN07003025
MRS 07988	0.12	0.8	0.04	3.2	0.3	0.025	7	1.1	1DX15	VAN07003025
MRS 07989	0.05	0.5	0.03	1.9	0.1	0.06	5	0.9	1DX15	VAN07003025
MRS 07990	0.1	0.9	0.04	2.7	0.2	0.025	6	1.7	1DX15	VAN07003025

Sample ID	UTM Zone	UTM Easting	UTM Northing	Mo	Cu	Pb	Zn	Ag	Ni
MRS 07991	NAD 83-07V	647113	6837970	3.9	61.2	64.6	232	0.3	51.6
MRS 07992	NAD 83-07V	647116	6837921	1.4	33.8	46.5	194	0.3	35.4
MRS 07993	NAD 83-07V	647118	6837871	6.5	53.1	169.8	260	0.5	44.6
MRS 07994	NAD 83-07V	647305	6838281	2.5	104.3	51.6	203	0.8	46.7
MRS 07995	NAD 83-07V	647306	6838229	1.8	58.6	29.6	153	0.6	32.7
MRS 07996	NAD 83-07V	647309	6838179	1.8	56.3	16.4	124	0.5	30.4
MRS 09281	NAD 83-07V	646719	6837854	2.9	39.8	68.7	144	0.1	32.1
MRS 09282	NAD 83-07V	646713	6837904	2	43.5	41.2	115	0.2	43.3
MRS 09283	NAD 83-07V	646713	6837953	2	47.3	72.6	288	0.2	45.5
MRS 09284	NAD 83-07V	646711	6838004	5.2	75.2	67.5	304	0.3	136.3
MRS 09285	NAD 83-07V	646709	6838057	21.1	283.5	325	1894	2.1	326.4
MRS 09286	NAD 83-07V	646708	6838103	3.6	37.7	131.3	235	0.2	23.5
MRS 09287	NAD 83-07V	646705	6838153	7	132.2	178.6	544	0.5	77.9
MRS 09410	NAD 83-07V	645914	6838010	0.2	18.7	2.1	24	0.05	3.1
MRS 09413	NAD 83-07V	645917	6837972	1.2	24.2	7.4	42	0.2	4.5
MRS 09414	NAD 83-07V	645913	6838009	0.3	18.3	1.5	23	0.05	2.7
MRS 09415	NAD 83-07V	645906	6838071	0.05	13.7	1.3	14	0.05	2.5
MRS 09416	NAD 83-07V	645906	6838171	3.8	105.5	55.9	557	0.8	40.1
MRS 09417	NAD 83-07V	645900	6838217	3.3	72.2	27.9	244	0.5	32
MRS 21410	NAD 83-07V	647111	6838020	5.2	66.9	63.9	416	0.6	78.3
MRS 23241	NAD 83-07V	647308	6838129	3	67.7	35.3	399	0.6	82
MRS 23242	NAD 83-07V	647311	6838080	2.3	50.3	39.5	202	0.5	49.8
MRS 23243	NAD 83-07V	647313	6838028	1.6	54.4	88.2	1500	0.6	42.5
MRS 23244	NAD 83-07V	647314	6837980	2.8	39	123.7	529	0.3	43.4
MRS 23245	NAD 83-07V	647315	6837930	0.4	20.2	11.2	71	0.1	6.8
MRS 23247	NAD 83-07V	647319	6837880	3.8	33.9	278.2	533	1.5	57

Sample ID	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
MRS 07991	14.7	714	2.97	19.5	2.5	4.7	1	28	1.5	1.2	0.4
MRS 07992	10.4	319	2.16	7.6	1.1	3.8	4	21	1.1	0.4	0.2
MRS 07993	10.3	383	2.67	13.4	2.7	6.2	0.8	22	1.3	1.1	0.4
MRS 07994	16.5	1076	3.36	15.7	1.7	2.8	4.4	37	1.5	0.6	1
MRS 07995	12	1159	3.11	12.5	1.4	3.6	2.3	40	2.2	0.8	0.8
MRS 07996	13.8	1083	3.19	7.7	1.1	2.6	2.9	29	0.9	0.4	0.5
MRS 09281	12.7	462	3.79	20.3	0.9	5.9	1.8	22	0.6	0.9	0.9
MRS 09282	20.9	393	3.55	15.4	1.3	5.3	3.7	16	1	0.5	0.7
MRS 09283	14.8	938	3.09	11	2.9	3.5	2.8	23	3	0.8	0.6
MRS 09284	28.2	941	3.91	23.9	2.9	2.6	5.2	33	2.1	0.9	1
MRS 09285	54.3	1453	4.68	100.6	20	8.5	4.5	106	49.3	3.1	1.7
MRS 09286	13.1	1259	3.66	20.3	11.6	5.2	10.4	26	1.8	0.8	0.7
MRS 09287	46.5	792	5.4	28.6	7.8	4.7	10.9	24	2.6	0.7	1.3
MRS 09410	3.5	88	0.83	1.3	0.3	2.3	0.4	9	0.1	0.05	0.05
MRS 09413	4.9	126	1.36	1.1	0.9	2.8	1.1	10	0.5	0.05	0.05
MRS 09414	3.4	82	0.72	1	0.3	1.5	0.3	8	0.1	0.05	0.05
MRS 09415	2.9	71	0.74	1	0.2	1.7	0.1	10	0.05	0.05	0.05
MRS 09416	24.9	928	2.97	38.6	2.3	9.8	2.3	51	8.1	0.5	1.3
MRS 09417	21.1	590	2.74	40	1.8	7.5	1.4	50	2.1	0.5	0.7
MRS 21410	14.4	509	3.08	13.4	3.9	4.2	3.6	42	5.6	1	0.5
MRS 23241	16.8	644	3.46	12.5	1.8	4.8	2.5	28	2.6	0.8	0.5
MRS 23242	15.2	678	3.41	16.4	1.9	4.8	1.1	17	1.6	0.9	0.7
MRS 23243	17.4	625	3.15	30.6	2.1	9.7	3.6	32	7.9	1.3	1.5
MRS 23244	14.7	476	3.06	9.5	1.8	3.8	3.4	24	3.8	0.7	0.4
MRS 23245	7.5	218	1.71	2.7	0.3	1.2	0.5	12	0.7	0.1	0.05
MRS 23247	15.1	1525	3.1	9.6	1.4	3.8	1.6	18	2.5	0.9	0.4

Sample ID	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
MRS 07991	131	0.45	0.166	12	46	0.61	328	0.05	1	1.86	0.019
MRS 07992	72	0.4	0.116	11	33	0.57	181	0.089	1	1.39	0.019
MRS 07993	114	0.28	0.128	11	34	0.53	299	0.052	2	2.05	0.013
MRS 07994	81	0.28	0.081	22	31	0.76	137	0.057	1	1.9	0.013
MRS 07995	65	0.55	0.08	26	29	0.72	165	0.043	0.5	1.76	0.018
MRS 07996	72	0.4	0.092	16	30	0.73	115	0.086	0.5	1.75	0.021
MRS 09281	90	0.18	0.054	11	39	0.73	84	0.098	0.5	2.13	0.014
MRS 09282	68	0.15	0.048	13	40	0.74	75	0.107	1	2.18	0.012
MRS 09283	217	0.37	0.102	23	40	0.69	100	0.059	2	1.69	0.023
MRS 09284	190	0.48	0.073	36	197	1.87	165	0.114	2	2.68	0.023
MRS 09285	539	0.98	0.205	30	146	2.03	234	0.085	2	2.86	0.031
MRS 09286	63	0.43	0.061	105	20	0.49	84	0.024	0.5	1.49	0.017
MRS 09287	74	0.34	0.095	41	46	1.02	64	0.064	1	2.41	0.018
MRS 09410	27	0.13	0.048	3	4	0.08	34	0.043	0.5	0.41	0.036
MRS 09413	45	0.14	0.041	11	5	0.1	33	0.062	1	0.64	0.023
MRS 09414	24	0.12	0.046	3	3	0.07	30	0.041	0.5	0.38	0.032
MRS 09415	24	0.13	0.046	3	2	0.07	33	0.039	0.5	0.61	0.031
MRS 09416	64	0.62	0.108	13	28	0.59	375	0.052	2	1.39	0.019
MRS 09417	63	0.46	0.091	8	24	0.5	185	0.066	1	1.49	0.022
MRS 21410	141	0.48	0.149	14	41	0.53	504	0.089	1	1.44	0.021
MRS 23241	135	0.27	0.085	12	47	0.79	232	0.1	1	2.53	0.013
MRS 23242	154	0.22	0.111	13	56	0.71	231	0.063	2	2.51	0.01
MRS 23243	109	0.47	0.147	12	38	0.74	152	0.106	9	1.99	0.029
MRS 23244	131	0.38	0.102	14	40	0.74	157	0.116	0.5	2.15	0.015
MRS 23245	60	0.18	0.066	6	8	0.16	36	0.082	0.5	0.5	0.021
MRS 23247	191	0.27	0.064	10	47	0.79	299	0.087	2	2.1	0.012

Sample ID	K	W	Hg	Sc	Tl	S	Ga	Se	Method	Acme File
MRS 07991	0.09	0.3	0.09	2.4	0.2	0.05	7	1.9	1DX15	VAN07003025
MRS 07992	0.07	0.4	0.04	2.7	0.2	0.025	5	0.7	1DX15	VAN07003025
MRS 07993	0.06	0.5	0.08	2	0.2	0.025	6	1.8	1DX15	VAN07003025
MRS 07994	0.1	0.7	0.03	3.4	0.3	0.025	8	0.6	1DX15	VAN07003025
MRS 07995	0.08	0.7	0.06	3	0.2	0.025	7	0.8	1DX15	VAN07003025
MRS 07996	0.1	0.5	0.04	3.5	0.3	0.025	7	0.7	1DX15	VAN07003025
MRS 09281	0.11	0.2	0.02	3.2	0.3	0.025	9	0.6	1DX15	VAN07003025
MRS 09282	0.19	0.3	0.03	3.5	0.3	0.025	6	0.7	1DX15	VAN07003025
MRS 09283	0.08	0.3	0.06	2.6	0.2	0.025	5	1.1	1DX15	VAN07003025
MRS 09284	0.2	0.6	0.04	4.3	0.7	0.025	9	1	1DX15	VAN07003025
MRS 09285	0.28	2.7	0.09	7.4	0.7	0.025	10	3.5	1DX15	VAN07003025
MRS 09286	0.08	0.6	0.04	2.9	0.1	0.025	5	1.2	1DX15	VAN07003025
MRS 09287	0.23	0.3	0.03	5.2	0.4	0.06	8	0.8	1DX15	VAN07003025
MRS 09410	0.05	0.05	0.005	0.6	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 09413	0.02	0.05	0.03	0.5	0.05	0.025	3	0.25	1DX15	VAN07003025
MRS 09414	0.04	0.05	0.005	0.5	0.05	0.025	1	0.25	1DX15	VAN07003025
MRS 09415	0.03	0.05	0.01	0.5	0.05	0.025	2	0.25	1DX15	VAN07003025
MRS 09416	0.15	0.6	0.09	2.4	0.3	0.08	5	1.4	1DX15	VAN07003025
MRS 09417	0.11	0.3	0.05	1.9	0.2	0.1	5	1.3	1DX15	VAN07003025
MRS 21410	0.11	1	0.04	2.7	0.2	0.05	5	2.2	1DX15	VAN07003025
MRS 23241	0.1	0.6	0.05	3.4	0.4	0.025	8	1	1DX15	VAN07003025
MRS 23242	0.09	0.3	0.06	2.4	0.3	0.025	7	1.2	1DX15	VAN07003025
MRS 23243	0.17	1.2	0.03	3.5	0.3	0.025	7	0.8	1DX15	VAN07003025
MRS 23244	0.14	0.5	0.02	3.3	0.4	0.025	7	1	1DX15	VAN07003025
MRS 23245	0.04	0.05	0.02	0.6	0.05	0.025	3	0.25	1DX15	VAN07003025
MRS 23247	0.07	0.3	0.1	2.8	0.3	0.025	6	1.2	1DX15	VAN07003025