

**GEOCHEMICAL REPORT**

**ELF 1- 20 CLAIMS**

**YC72419 – YC72438**

**NTS # 095 E/ 05**

**LAT: 61° 20 N**

**LONG: 127° 56 W**

**WATSON LAKE MINING DISTRICT**

**AUTHOR OF REPORT: SHAWN RYAN**

**WORK PERFORMED: JULY 17, 2008**

**DATE OF REPORT APRIL 29, 2009**

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## **1.0 SUMMARY**

The Elf project was worked by a crew of three Ryanwood Exploration employees in a one day reconnaissance soil sampling program. The purpose of the program was to follow up on a geochemical gold anomaly identified by Hudson's Bay Exploration Company soil sampling in 1999.

The crew was comprised of Ryanwood Exploration employees: Joe McCann (crew chief) and soil samplers Matt McHugh, and Phil Burke.

The soil sampling program was successful in verifying the presence of the historic gold anomaly found by Hudson's Bay in 1999.

## **2.0 INTRODUCTION**

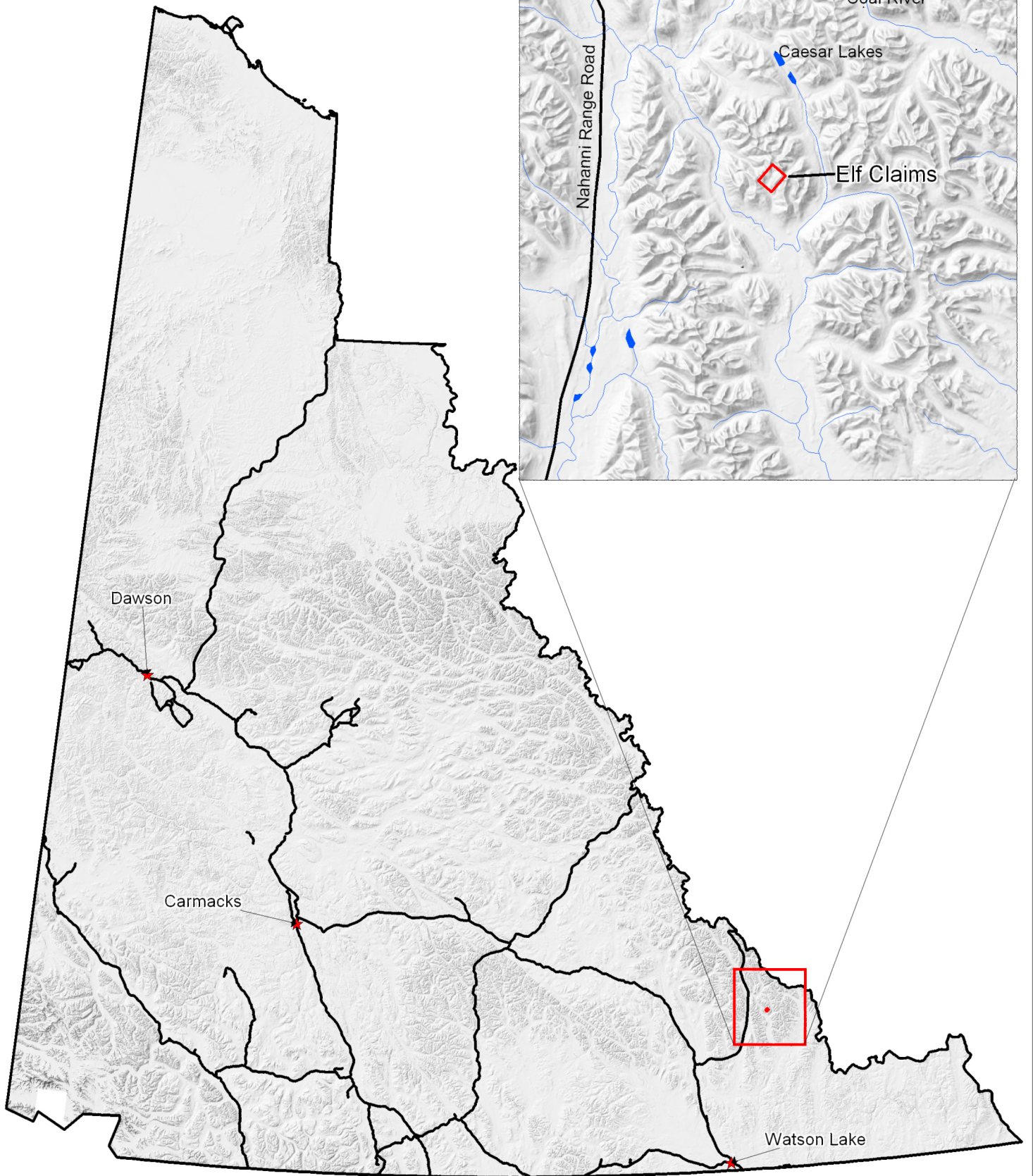
The 2008 Elf field program consisted of a total of 52 soil samples collected on one ridgetop traverse at 50 meter spacing and two hillside contour traverses at 100m spacing.

## **3.0 LOCATION**

The Elf project is located in the Logan Mountains, 10km South of the Caesar Lakes. It is in Watson Lake Mining District, on NTS mapsheet # 095 E/05. The geographical coordinates of the property are: 61°20 N and longitude 127°56 W.

## **4.0 ACCESS**

The Elf claim group was reached via helicopter from a launch point 20 km West of the property on the Nahanni Range Road. The crew travelled by road 80 km up the Nahanni Range Road and met the helicopter to mobilize to the property.



Elf Property: Locator Map  
NTS: 095E/05

Figure 1

District	Grant#	RegType	ClaimName	Claim#	ClaimOwner	Status
Watson Lake	YC72419	Quartz	ELF	1	Shawn Ryan	Active
Watson Lake	YC72420	Quartz	ELF	2	Shawn Ryan	Active
Watson Lake	YC72421	Quartz	ELF	3	Shawn Ryan	Active
Watson Lake	YC72422	Quartz	ELF	4	Shawn Ryan	Active
Watson Lake	YC72423	Quartz	ELF	5	Shawn Ryan	Active
Watson Lake	YC72424	Quartz	ELF	6	Shawn Ryan	Active
Watson Lake	YC72425	Quartz	ELF	7	Shawn Ryan	Active
Watson Lake	YC72426	Quartz	ELF	8	Shawn Ryan	Active
Watson Lake	YC72427	Quartz	ELF	9	Shawn Ryan	Active
Watson Lake	YC72428	Quartz	ELF	10	Shawn Ryan	Active
Watson Lake	YC72429	Quartz	ELF	11	Shawn Ryan	Active
Watson Lake	YC72431	Quartz	ELF	13	Shawn Ryan	Active
Watson Lake	YC72433	Quartz	ELF	15	Shawn Ryan	Active
Watson Lake	YC72435	Quartz	ELF	17	Shawn Ryan	Active
Watson Lake	YC72437	Quartz	ELF	19	Shawn Ryan	Active
Watson Lake	YD130157	Quartz	ELF	21	Shawn Ryan	Active
Watson Lake	YD130158	Quartz	ELF	22	Shawn Ryan	Active
Watson Lake	YD130159	Quartz	ELF	23	Shawn Ryan	Active
Watson Lake	YD130160	Quartz	ELF	24	Shawn Ryan	Active
Watson Lake	YD130161	Quartz	ELF	25	Shawn Ryan	Active
Watson Lake	YD130162	Quartz	ELF	26	Shawn Ryan	Active
Watson Lake	YD130163	Quartz	ELF	27	Shawn Ryan	Active
Watson Lake	YD130164	Quartz	ELF	28	Shawn Ryan	Active
Watson Lake	YD130165	Quartz	ELF	29	Shawn Ryan	Active
Watson Lake	YD130166	Quartz	ELF	30	Shawn Ryan	Active
Watson Lake	YD130167	Quartz	ELF	31	Shawn Ryan	Active
Watson Lake	YD130168	Quartz	ELF	32	Shawn Ryan	Active
Watson Lake	YD130169	Quartz	ELF	33	Shawn Ryan	Active
Watson Lake	YD130170	Quartz	ELF	34	Shawn Ryan	Active
Watson Lake	YD130171	Quartz	ELF	35	Shawn Ryan	Active
Watson Lake	YD130172	Quartz	ELF	36	Shawn Ryan	Active
Watson Lake	YD130173	Quartz	ELF	37	Shawn Ryan	Active
Watson Lake	YD130174	Quartz	ELF	38	Shawn Ryan	Active
Watson Lake	YD130175	Quartz	ELF	39	Shawn Ryan	Active
Watson Lake	YD130176	Quartz	ELF	40	Shawn Ryan	Active
Watson Lake	YD130177	Quartz	ELF	41	Shawn Ryan	Active
Watson Lake	YD130178	Quartz	ELF	42	Shawn Ryan	Active
Watson Lake	YD130179	Quartz	ELF	43	Shawn Ryan	Active
Watson Lake	YD130180	Quartz	ELF	44	Shawn Ryan	Active
Watson Lake	YD130181	Quartz	ELF	45	Shawn Ryan	Active
Watson Lake	YD130182	Quartz	ELF	46	Shawn Ryan	Active
Watson Lake	YD130183	Quartz	ELF	47	Shawn Ryan	Active
Watson Lake	YD130184	Quartz	ELF	48	Shawn Ryan	Active
Watson Lake	YD130185	Quartz	ELF	49	Shawn Ryan	Active
Watson Lake	YD130186	Quartz	ELF	50	Shawn Ryan	Active
Watson Lake	YD130187	Quartz	ELF	51	Shawn Ryan	Active
Watson Lake	YD130188	Quartz	ELF	52	Shawn Ryan	Active
Watson Lake	YD130189	Quartz	ELF	53	Shawn Ryan	Active
Watson Lake	YD130190	Quartz	ELF	54	Shawn Ryan	Active
Watson Lake	YD130191	Quartz	ELF	55	Shawn Ryan	Active
Watson Lake	YD130192	Quartz	ELF	56	Shawn Ryan	Active
Watson Lake	YD130193	Quartz	ELF	57	Shawn Ryan	Active
Watson Lake	YD130194	Quartz	ELF	58	Shawn Ryan	Active
Watson Lake	YD130195	Quartz	ELF	59	Shawn Ryan	Active
Watson Lake	YD130196	Quartz	ELF	60	Shawn Ryan	Active
Watson Lake	YD130197	Quartz	ELF	61	Shawn Ryan	Active
Watson Lake	YD130198	Quartz	ELF	62	Shawn Ryan	Active
Watson Lake	YD130199	Quartz	ELF	63	Shawn Ryan	Active
Watson Lake	YD130200	Quartz	ELF	64	Shawn Ryan	Active
Watson Lake	YD130201	Quartz	ELF	65	Shawn Ryan	Active
Watson Lake	YD130202	Quartz	ELF	66	Shawn Ryan	Active
Watson Lake	YD130203	Quartz	ELF	67	Shawn Ryan	Active
Watson Lake	YD130204	Quartz	ELF	68	Shawn Ryan	Active

# Claim Map



61°20'0"N

61°20'0"N

128°0'0"W

127°55'0"W

127°50'0"W

128°0'0"W

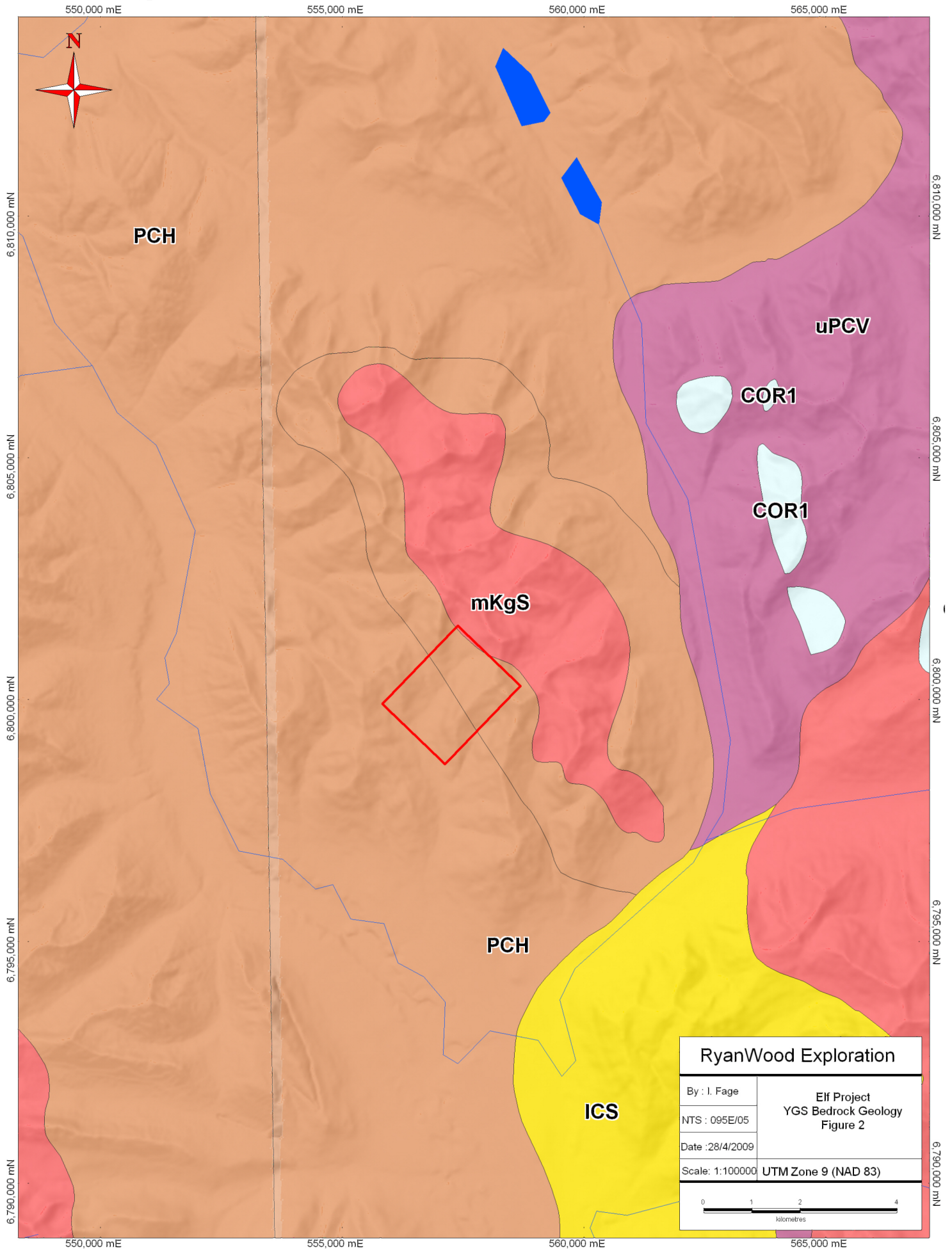
127°55'0"W

127°50'0"W

- ELF45, YD130181
- ELF46, YD130182
- ELF47, YD130183
- ELF36, YD130172
- ELF48, YD130184
- ELF49, YD130185
- ELF50, YD130186
- ELF51, YD130187
- ELF38, YD130174
- ELF35, YD130171
- ELF52, YD130188
- ELF53, YD130189
- ELF37, YD130173
- ELF11, YC72429
- ELF55, YD130191
- ELF40, YD130176
- ELF13, YC72431
- ELF2, YC72420
- ELF54, YD130190
- ELF42, YD130178
- ELF39, YD130175
- ELF57, YD130193
- ELF15, YC72433
- ELF4, YC72422
- ELF1, YC72419
- ELF56, YD130192
- ELF44, YD130180
- ELF41, YD130177
- ELF60, YD130196
- ELF58, YD130194
- ELF17, YC72435
- ELF6, YC72424
- ELF3, YC72421
- ELF21, YD130157
- ELF43, YD130179
- ELF59, YD130195
- ELF19, YC72437
- ELF8, YC72426
- ELF5, YC72423
- ELF62, YD130198
- ELF22, YD130158
- ELF23, YD130159
- ELF10, YC72428
- ELF7, YC72425
- ELF61, YD130197
- ELF24, YD130160
- ELF25, YD130161
- ELF64, YD130200
- ELF27, YD130163
- ELF9, YC72427
- ELF66, YD130202
- ELF63, YD130199
- ELF26, YD130162
- ELF68, YD130204
- ELF65, YD130201
- ELF28, YD130164
- ELF29, YD130165
- ELF31, YD130167
- ELF67, YD130203
- ELF30, YD130166
- ELF32, YD130168
- ELF33, YD130169
- ELF34, YD130170



# 5.0 Geology



## YGS BEDROCK GEOLOGY LEGEND



### **PCH: HYLAND - MID-CRETACEOUS**

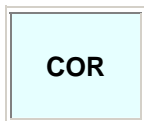
consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger (4) units; includes scattered mafic volcanic rocks (5) (**Hyland Gp.**)



### **mKS: SELWYN SUITE - UPPER PROTEROZOIC TO LOWER CAMBRIAN**

plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

**g.** resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspar) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite (**Selwyn Suite**)



### **COR: RABBITKETTLE - UPPER CAMBRIAN AND ORDOVICIAN**

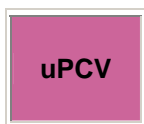
basinal limestone (1) that may locally include older and younger basinal pelitic strata undivided (2)

**1.** thin bedded, wavy bedded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff (**Rabbitkettle**)



### **ICS: SEKWI - LOWER CAMBRIAN**

limestone, locally wavy bedded and nodular; limestone conglomerate slope breccia; massive grey dolostone; medium- to thick-bedded quartz sandstone; purple siltstone; bright orange weathering, fine crystalline dolostone (**Sekwi**)



### **uPCV: VAMPIRE - LOWER CAMBRIAN**

dark brown weathering. thin-bedded, argillaceous fine-grained sandstone and siltstone, minor interbedded medium- to coarse grained white to light grey orthoquartzite; phyllite, slate, and argillite (**Vampire**)

## 5.1 Regional Geology

Regionally the Elf property is located within turbiditic clastics of the Mid-Cretaceous Hyland Group. The sediment package is reported to have a variable dip between 40 - 70 degrees (GSC Map 35-1964). It is found proximally to the contact of an Upper Proterozoic to Lower Cambrian intrusive body comprised of equigranular to porphyritic biotite, quartz monzonite and granodiorite.

Hudson's Bay Exploration Company reports granitic intrusions in outcrop in the Northern extent of the property and hornfels sediments throughout the remainder of the claim block.

## **6.0 WORK PERFORMED / METHODS**

### **6.1 Soil Survey**

The 2008 Elf exploration program was sampled with 3 man days of soil work collecting 51 soils. The samples were collected on one ridgetop traverse at 50 meter spacing and two hillside contour traverses at 100m spacing. (figure 3)

#### **Soil sampling Description**

All soil samples are taken with one meter soil probes and sometime with a prospector pick. We carried both on rocky talus slope. Soil samples are gathered from an average depth of 70 centimeter. Soil sample locations are marked in the field with pink flagging and aluminum tags. The sample number is inscribed on the aluminum tag and tied to a tree or shrub at shoulder height above sample site.

The sample number is recorded with a Garmin Map76 GPS in UTM NAD 83.

Sample description such as color, depth, slope, sample quality, ground vegetation, tree cover and GPS coordinates (backup) are recorded in a Palm PDA data recorder.

A total of 400-500 grams of soil is collected and place in well mark kraft soil bags.

The GPS and PDA are downloaded every night and stored in the crew chief personal computer. A second backup copy of the data is transferred to a memory stick and the memory stick is relocated to a secondary tent (in case of fire).

All samples are brought back to Dawson City and air dried, repacked in rice bags, and sent to Acme Labs in Vancouver.

Samples are process with Aqua Regia ICP-MS for 36 elements (Acme Labs 1DX-15 gram).

## **7.0 INTERPRETATION**

### **7.1 Soil Survey**

The reconnaissance soil lines show a coincident copper – gold anomaly, with strongest intensity on the southern half of the middle soil line. Arsenic and bismuth values also correlate with this anomaly. The anomaly was not found to be present across the valley on the Northern reconnaissance soil line. A few weakly anomalous gold and copper values were observed on the Southern ridgetop soil line.

## 8.0 RECOMMENDATION

I would recommend following up with a detailed soil grid to define the extent of the known geochemical anomaly, as well as prospecting and hand trenching on the soil anomaly.

## 9.0 REFERENCES CITED

Buchanan, M. 2000: Assessment Report, Geochemical Survey, Elf Property, Hudson Bay Exploration Company, Report Number 094115

## 10.0 COST

Wage: 3 man days @ \$330.00 per day	\$ 990.00
Helicopter: 2.4 hours @ \$1350 per hour	\$3240.00
Mode /Demode 3 man days @ \$250.00	\$ 750.00
Truck/gas: 2 days @ \$200 per day	\$ 400.00
Assay Cost 51 soil @ \$22.00 per sample	\$1122.00
Report writing	\$ 350.00
<b>Total</b>	<b>\$6852.00</b>

## 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 been trained to run various geophysical instruments and surveys such as magnetic surveys, max-min surveys, induce polarity surveys and VLF surveys.

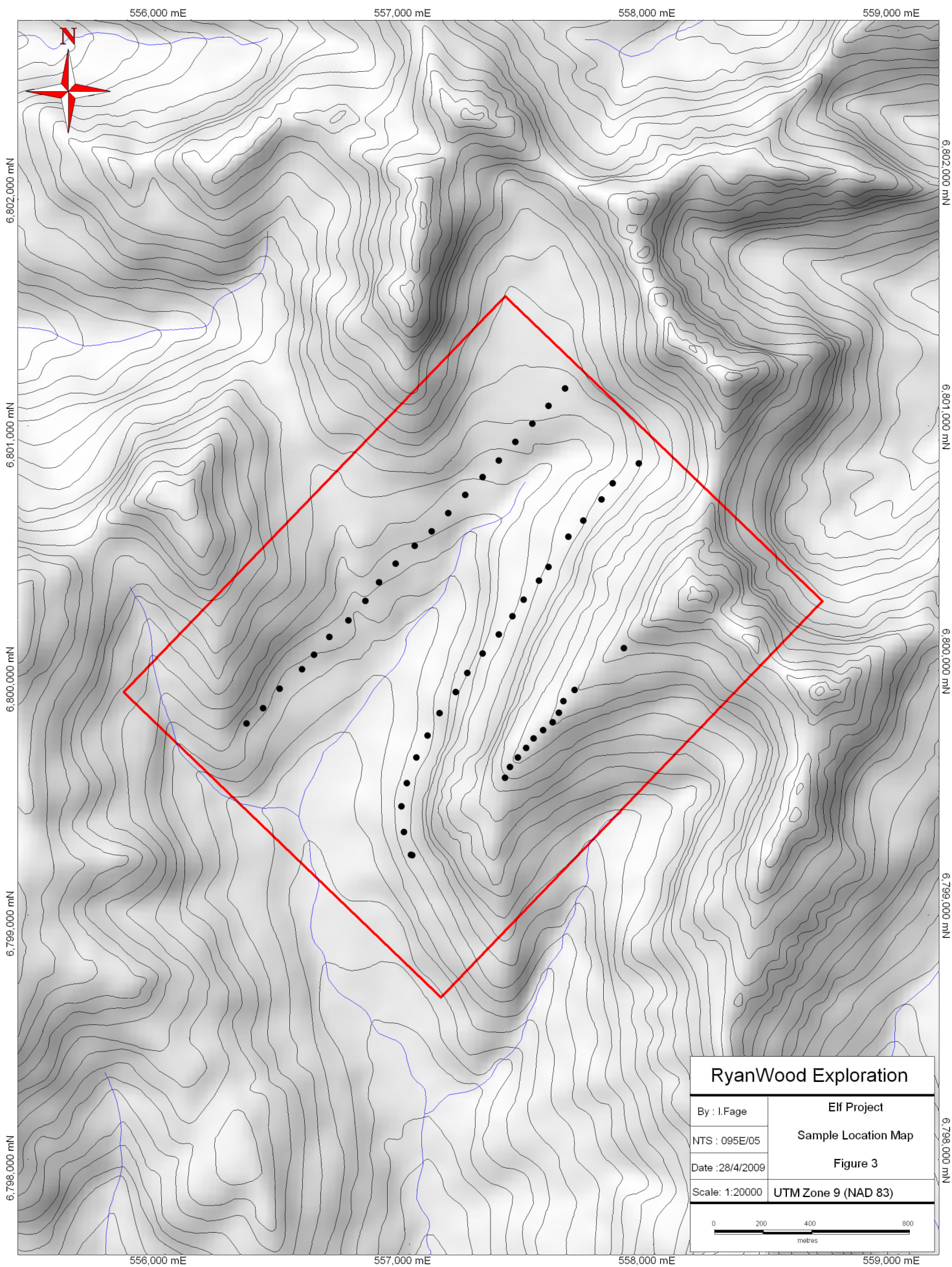
I have overseen the work reported on the Elf Project.

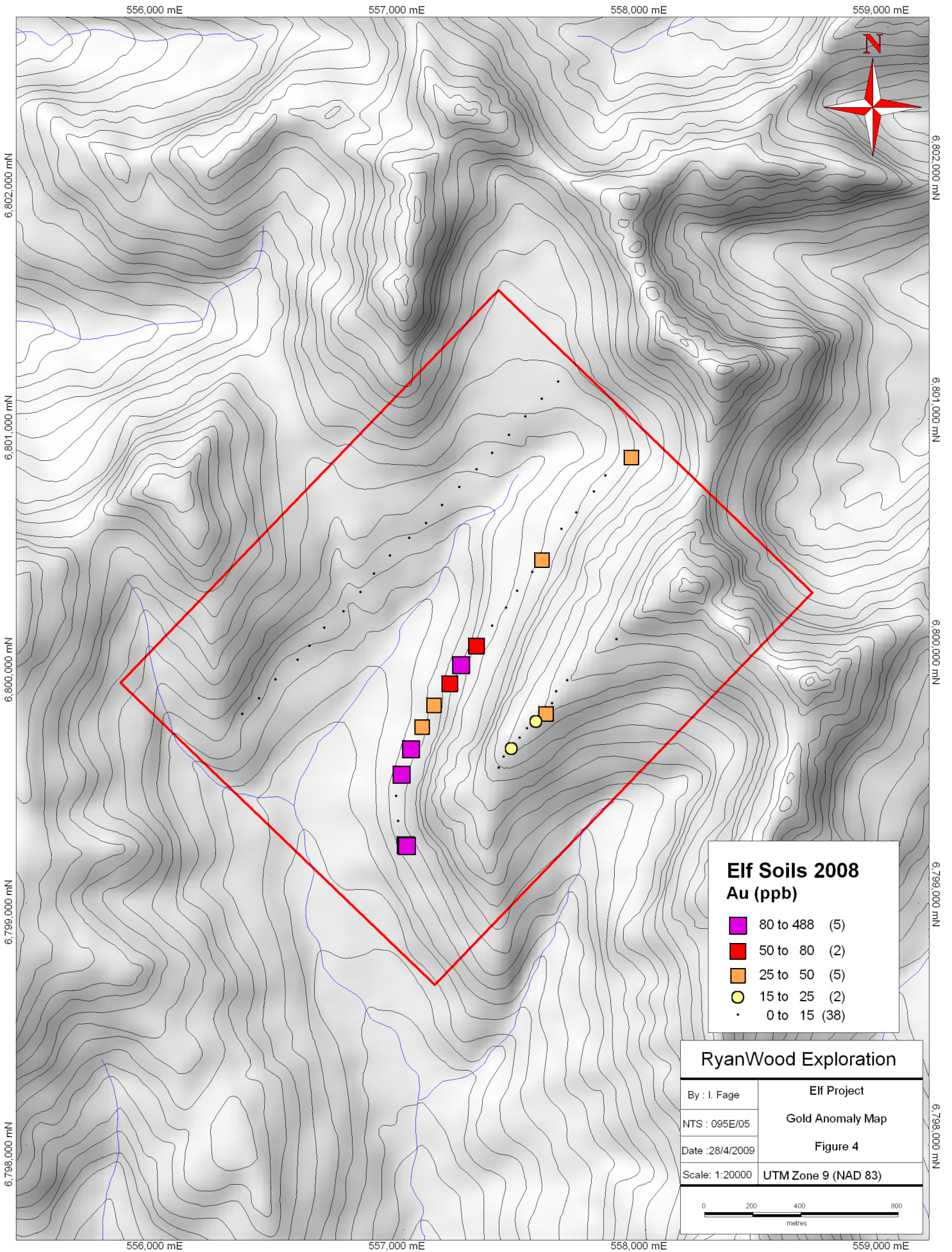
I own 100% of the Elf claims.

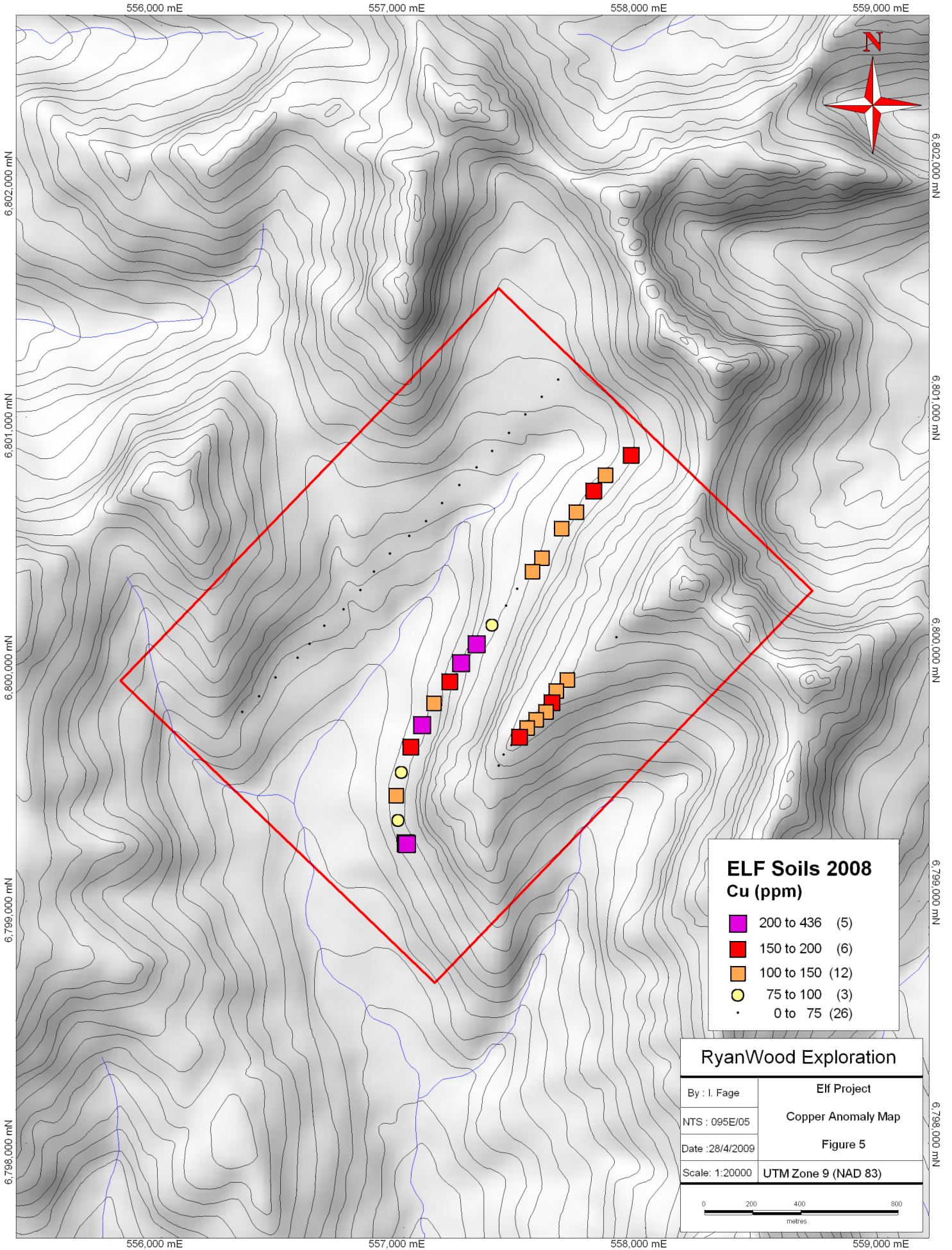
Dated the 29th of April 2009 in Dawson City, Yukon.

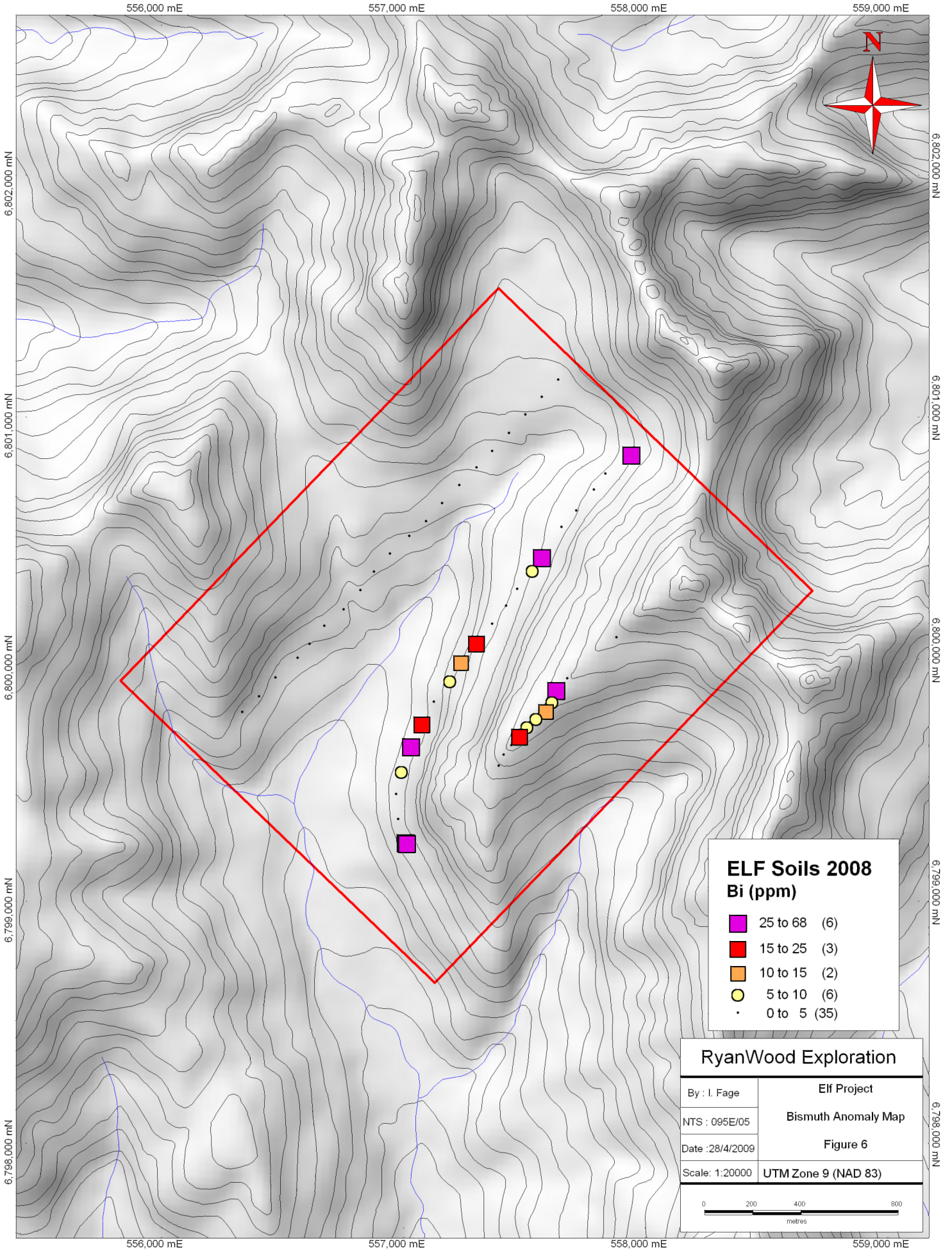
Respectfully submitted,

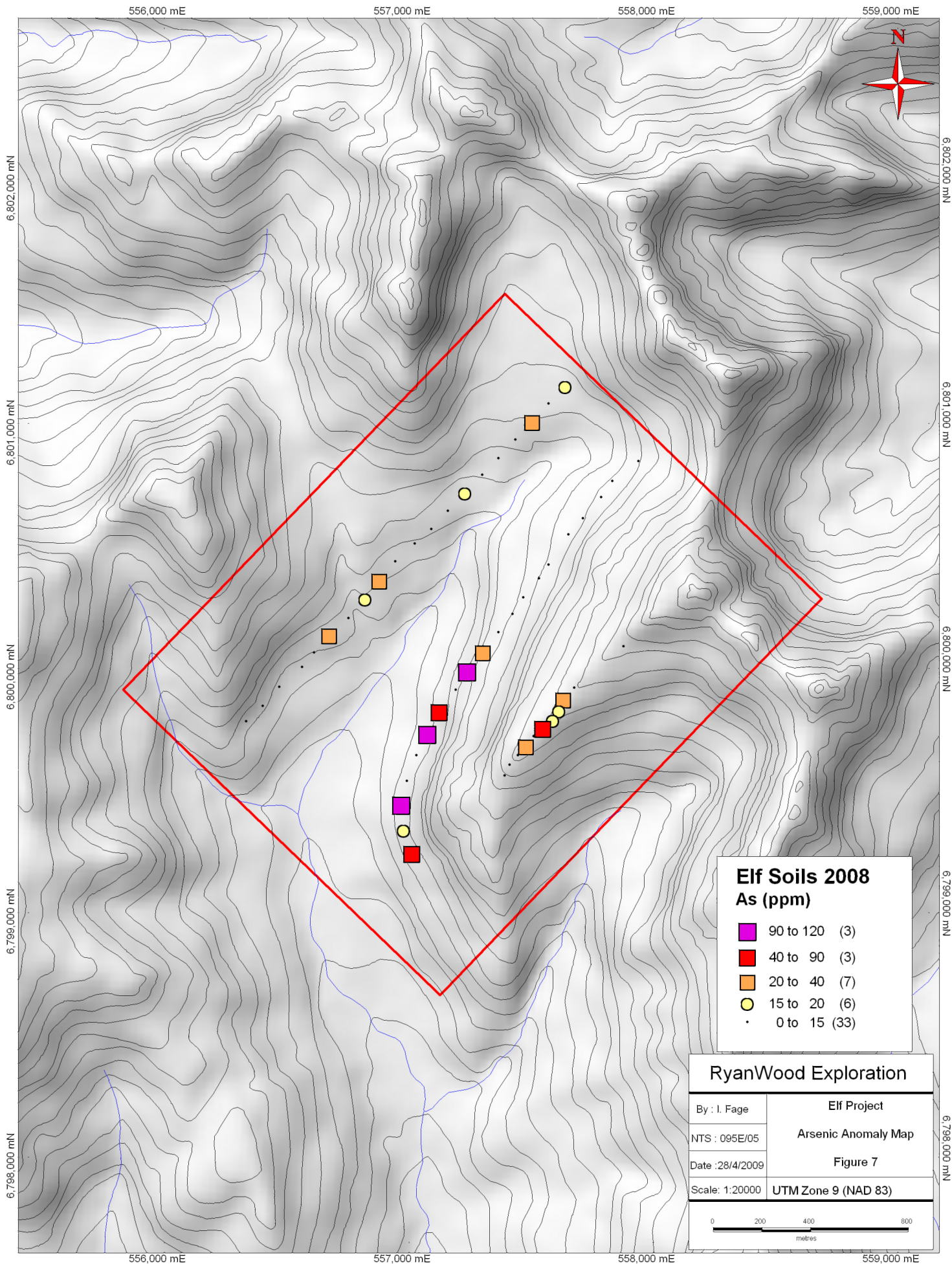
Shawn Ryan











# Appendix

Sample ID	Datum	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As
ELF 25789	Nad 83- 09V	557639	6801154	2.1	9.2	161	206	0.3	7.9	9.1	1131	2.84	17.2
ELF 25790	Nad 83- 09V	557571	6801082	0.9	5.9	12.5	28	0.05	5.9	3	133	1.11	3.2
ELF 25791	Nad 83- 09V	557504	6801010	2.8	40.5	46.2	125	0.05	26.2	19.8	891	3.85	21.9
ELF 25792	Nad 83- 09V	557436	6800934	8.2	15.9	28.8	88	0.05	17	9.9	460	3.1	9.2
ELF 25793	Nad 83- 09V	557367	6800859	8.3	20.6	42.6	113	0.2	20.6	10.2	498	2.89	12.2
ELF 25794	Nad 83- 09V	557301	6800791	1.9	5.3	11	22	0.2	3.7	2.1	124	0.85	1.7
ELF 25795	Nad 83- 09V	557230	6800718	4.7	25	40.7	110	0.1	21.5	14	827	3.38	16.6
ELF 25796	Nad 83- 09V	557160	6800644	1.5	36.9	64.6	142	0.05	31.5	23	918	4.05	14.5
ELF 25797	Nad 83- 09V	557093	6800569	1.7	22.9	29.5	97	0.05	23.3	11.5	496	5.14	9.8
ELF 25798	Nad 83- 09V	557024	6800509	1.6	18.3	31.8	81	0.1	14.8	10.9	900	3.68	6
ELF 25799	Nad 83- 09V	556945	6800436	1.3	17.9	91.4	115	0.1	18.6	13.2	827	5.08	11.8
ELF 25800	Nad 83- 09V	556878	6800361	1.3	25.1	114.6	205	0.2	24.8	22.3	1378	4.43	21.5
ELF 26251	Nad 83- 09V	557031	6799643	2	197.8	15.3	86	0.1	138.1	121.7	2131	6.99	10.1
ELF 26252	Nad 83- 09V	556992	6799538	1.3	98	9.5	31	0.2	25.4	12.1	249	3.86	5.1
ELF 26253	Nad 83- 09V	556969	6799443	3.1	128.5	82.8	181	0.3	65.7	192.8	3955	7.24	90
ELF 26254	Nad 83- 09V	556979	6799339	1.1	79.1	48.7	80	0.2	27.5	31.3	659	4.22	18.8
ELF 26255	Nad 83- 09V	557009	6799246	2.1	212.1	20.3	98	0.1	67.2	72.5	734	6.85	24.3
ELF 26256	Nad 83- 09V	557013	6799243	2.5	436	28.1	113	0.1	101.3	95.6	914	8.92	44
ELF 26268	Nad 83- 09V	557879	6800090	1.1	38.8	18.3	84	0.05	38.2	23	677	4.12	7.5
ELF 26269	Nad 83- 09V	557677	6799920	1.2	103.1	14.2	68	0.2	55.2	34.5	1470	6.79	11.9
ELF 26270	Nad 83- 09V	557631	6799874	1.3	145.4	13.5	71	0.1	22.4	16.1	323	5.11	23.9
ELF 26271	Nad 83- 09V	557614	6799826	1.5	170.5	66.8	146	0.05	49.3	45.5	943	5.57	15.7
ELF 26272	Nad 83- 09V	557588	6799788	1.2	136	13.6	81	0.05	40.7	43.3	965	5.69	18
ELF 26273	Nad 83- 09V	557548	6799756	1.4	127.6	15.1	72	0.05	34	26	782	6.47	67.8
ELF 26274	Nad 83- 09V	557510	6799722	2.1	123.3	21	83	0.05	36.2	33.4	945	6.29	10.1
ELF 26275	Nad 83- 09V	557479	6799683	5.4	192.6	13.6	57	0.2	31	20.9	488	7.64	28.9
ELF 26276	Nad 83- 09V	557446	6799644	1	66.2	11.5	68	0.1	29.9	38.3	987	4.62	4.6
ELF 26277	Nad 83- 09V	557413	6799605	1.8	52.5	15.4	82	0.05	52.6	49.5	1444	6.05	5.9
ELF 26278	Nad 83- 09V	557393	6799560	0.6	43.2	4.3	53	0.05	57.2	22.4	643	4.09	1.9
ELF 26316	Nad 83- 09V	556612	6800063	1.5	19.9	44.4	92	0.05	22.7	14.6	862	5.59	8.9
ELF 26317	Nad 83- 09V	556563	6800005	0.8	34	32.8	100	0.3	26.9	17.1	1010	3.14	6.4
ELF 26318	Nad 83- 09V	556471	6799924	1	14.4	22.4	67	0.1	26.8	21.8	1735	5.41	2.5
ELF 26319	Nad 83- 09V	556403	6799845	0.7	6.7	10.2	24	0.05	6.9	5	775	2.27	0.7
ELF 26320	Nad 83- 09V	556335	6799782	0.6	9.9	19.4	41	0.1	11.5	7.8	644	2.62	2.5
ELF 26336	Nad 83- 09V	557940	6800847	2	159.2	168.4	344	0.6	70.5	45.4	1482	5.89	8.1
ELF 26337	Nad 83- 09V	557833	6800765	0.9	110.8	138.6	295	0.6	57.2	30.1	1527	4.89	4.9
ELF 26338	Nad 83- 09V	557787	6800699	2	167.3	370.6	438	1.7	54.4	35.6	1458	4.98	7.5
ELF 26339	Nad 83- 09V	557713	6800613	3	113	58.9	89	0.4	45.7	28.7	800	4.66	3.3
ELF 26340	Nad 83- 09V	557653	6800546	3.5	120.5	16.9	66	0.1	62.9	34	622	5.37	3.1
ELF 26341	Nad 83- 09V	557571	6800423	4.7	147.1	19.3	63	0.1	42.9	38.1	686	6.42	8.9
ELF 26342	Nad 83- 09V	557532	6800367	9.7	137	45.1	86	0.2	52.8	47.9	894	6.66	6.4
ELF 26343	Nad 83- 09V	557469	6800289	1.6	11.1	16.6	52	0.05	2	6.5	624	2.3	0.25
ELF 26344	Nad 83- 09V	557424	6800221	4	20.3	35.2	73	0.2	4	8.2	723	2.44	1.6

Sample ID	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti
ELF 25789	13.5	0.25	9.7	74	0.6	0.7	0.7	46	0.6	0.059	38	16	0.75	149	0.021
ELF 25790	1	0.6	0.3	7	0.1	0.2	0.4	21	0.05	0.051	10	9	0.18	32	0.021
ELF 25791	3	5.1	4.5	13	0.4	0.5	3	47	0.08	0.076	21	36	0.85	74	0.041
ELF 25792	1.9	2.5	1.9	10	0.2	0.4	1.3	40	0.04	0.049	19	24	0.47	62	0.028
ELF 25793	22.5	2.9	1.1	29	0.4	0.4	2	40	0.37	0.121	61	28	0.6	76	0.022
ELF 25794	0.8	1.4	0.1	10	0.1	0.2	0.8	24	0.09	0.037	13	11	0.16	38	0.013
ELF 25795	2.5	1.4	1.5	21	0.5	0.4	2.4	35	0.16	0.052	22	26	0.57	72	0.02
ELF 25796	1.4	10.6	2.6	13	0.4	0.6	2.2	36	0.05	0.058	23	34	0.79	68	0.029
ELF 25797	1	7.5	2.3	13	0.4	0.4	3.5	47	0.04	0.037	19	37	0.66	43	0.037
ELF 25798	1.1	4.6	0.6	9	0.3	0.4	1.6	49	0.04	0.064	13	34	0.48	53	0.032
ELF 25799	0.8	0.25	1.2	8	0.2	0.5	1.7	47	0.03	0.043	17	35	0.53	45	0.03
ELF 25800	1	1.7	1.3	8	0.7	1	1.3	35	0.02	0.06	20	31	0.54	57	0.017
ELF 26251	3	487.3	11	71	0.3	0.5	51.7	67	0.19	0.057	30	60	1.15	142	0.067
ELF 26252	1.4	83.5	1.7	18	0.05	0.3	7.3	45	0.04	0.068	14	36	0.59	63	0.043
ELF 26253	4.6	10.8	10.7	52	0.5	0.8	4.2	36	0.09	0.097	33	36	0.93	81	0.032
ELF 26254	2	5.8	1.2	95	0.1	0.7	2.6	26	0.05	0.145	22	29	0.49	76	0.012
ELF 26255	2.4	82.8	5.1	101	0.3	0.6	37.4	43	0.11	0.098	28	35	0.67	107	0.045
ELF 26256	3.1	104	8.7	91	0.3	0.7	68	52	0.07	0.074	35	44	0.82	115	0.06
ELF 26268	1.1	1.5	2.4	16	0.2	0.4	1.5	61	0.08	0.082	17	49	0.8	85	0.047
ELF 26269	3.1	3.5	9.1	35	0.1	1.1	4.3	59	0.08	0.081	24	45	0.69	103	0.035
ELF 26270	1	13.3	2.8	22	0.2	0.4	31	66	0.08	0.107	14	37	0.84	63	0.072
ELF 26271	1.8	7.3	8.6	38	0.6	0.6	5.2	46	0.14	0.103	25	33	0.75	79	0.059
ELF 26272	1.7	26.7	5.4	40	0.2	0.5	10.8	47	0.07	0.083	28	29	0.7	77	0.046
ELF 26273	1.8	19.1	3	38	0.05	0.5	9.5	46	0.04	0.124	24	36	0.58	99	0.033
ELF 26274	2.5	6.2	3.4	36	0.2	0.6	5.9	42	0.05	0.12	29	36	0.59	77	0.03
ELF 26275	3.3	8	7.8	57	0.2	0.7	22.3	42	0.03	0.141	29	36	0.56	78	0.036
ELF 26276	1.8	15.8	3.1	24	0.1	0.5	3.6	35	0.04	0.072	24	27	0.48	91	0.041
ELF 26277	1.9	3.8	3.1	14	0.2	0.6	2.2	39	0.06	0.076	28	36	0.6	53	0.03
ELF 26278	0.9	14.2	4.3	13	0.05	0.2	2	76	0.06	0.072	21	107	1.01	71	0.055
ELF 26316	0.8	0.25	0.9	5	0.2	0.5	0.6	41	0.02	0.095	25	33	0.48	66	0.013
ELF 26317	4	0.8	2	23	0.2	0.3	0.5	21	0.21	0.112	32	25	0.61	204	0.007
ELF 26318	0.9	0.25	0.8	7	0.05	0.3	0.5	38	0.03	0.192	35	37	0.48	43	0.016
ELF 26319	0.4	0.25	0.2	3	0.05	0.05	0.2	19	0.02	0.152	15	13	0.13	43	0.004
ELF 26320	0.4	0.25	0.6	4	0.05	0.2	0.4	23	0.03	0.136	15	15	0.21	38	0.007
ELF 26336	3.2	37	13.6	226	2.8	0.5	30.5	63	1.1	0.049	33	75	1.14	46	0.046
ELF 26337	2.6	9.8	11.9	153	2.3	0.4	3.9	76	1.13	0.056	25	118	1.32	53	0.09
ELF 26338	3.5	6.3	13	157	3	0.5	4.8	66	0.87	0.064	37	80	1.2	65	0.075
ELF 26339	5.5	2.8	15.8	105	0.5	0.2	2.2	81	0.65	0.071	41	80	1.24	103	0.103
ELF 26340	4	1.7	13	89	0.3	0.1	4.8	96	0.69	0.052	32	111	1.54	107	0.147
ELF 26341	3	27	13.1	96	0.2	0.3	26.1	76	0.48	0.061	27	74	1.18	112	0.109
ELF 26342	3.7	5.5	14.5	85	0.2	0.2	6	66	0.44	0.059	28	55	1.11	102	0.091
ELF 26343	2.4	0.8	11.7	215	0.2	0.05	0.5	44	1.17	0.063	28	4	0.64	255	0.039
ELF 26344	3.1	1.9	14.6	281	0.3	0.2	3.7	43	1.17	0.058	41	4	0.62	262	0.021

Sample ID	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Method	Acme File
ELF 25789	1	2.36	0.008	0.09	0.1	0.02	4.4	0.2	0.025	6	0.25	1DX15	VAN07003021
ELF 25790	0.5	1.1	0.014	0.04	0.4	0.03	0.5	0.1	0.025	5	0.25	1DX15	VAN07003021
ELF 25791	3	2.62	0.012	0.19	1.6	0.05	2.9	0.2	0.06	7	0.5	1DX15	VAN07003021
ELF 25792	1	2.09	0.006	0.07	0.6	0.02	1.3	0.2	0.06	7	0.5	1DX15	VAN07003021
ELF 25793	2	2.25	0.01	0.1	1.1	0.02	1.4	0.1	0.12	7	0.25	1DX15	VAN07003021
ELF 25794	0.5	0.96	0.012	0.05	0.3	0.02	0.3	0.1	0.025	5	0.25	1DX15	VAN07003021
ELF 25795	1	1.79	0.01	0.08	0.9	0.02	1.2	0.2	0.025	7	0.25	1DX15	VAN07003021
ELF 25796	2	2.33	0.007	0.12	0.5	0.03	1.6	0.1	0.025	7	0.25	1DX15	VAN07003021
ELF 25797	0.5	1.95	0.006	0.08	0.8	0.03	1.6	0.1	0.025	9	0.25	1DX15	VAN07003021
ELF 25798	5	2.07	0.009	0.09	0.2	0.05	0.8	0.2	0.025	8	0.7	1DX15	VAN07003021
ELF 25799	2	1.92	0.005	0.08	0.4	0.04	1.2	0.1	0.025	8	0.25	1DX15	VAN07003021
ELF 25800	1	2.06	0.004	0.07	0.3	0.03	0.9	0.1	0.025	7	0.25	1DX15	VAN07003021
ELF 26251	2	2.52	0.019	0.58	2.3	0.02	7.9	1.1	0.025	8	0.25	1DX15	VAN07003021
ELF 26252	0.5	1.82	0.02	0.21	1	0.03	2.2	0.4	0.06	6	0.25	1DX15	VAN07003021
ELF 26253	1	3.01	0.012	0.28	0.5	0.06	3	0.4	0.05	9	1	1DX15	VAN07003021
ELF 26254	0.5	1.85	0.009	0.11	0.5	0.07	0.8	0.3	0.08	5	0.7	1DX15	VAN07003021
ELF 26255	1	2.19	0.018	0.29	4.8	0.04	2.4	0.4	0.14	7	1.4	1DX15	VAN07003021
ELF 26256	0.5	2.76	0.021	0.39	6.3	0.02	3.7	0.6	0.12	9	1.5	1DX15	VAN07003021
ELF 26268	1	3.01	0.012	0.13	0.4	0.04	3	0.2	0.05	8	1	1DX15	VAN07003021
ELF 26269	25	2.49	0.021	0.34	0.2	0.04	7.2	0.8	0.025	7	1	1DX15	VAN07003021
ELF 26270	2	3.66	0.019	0.18	0.9	0.07	4.3	0.4	0.11	10	1.5	1DX15	VAN07003021
ELF 26271	0.5	3.1	0.011	0.23	0.5	0.02	3.1	0.3	0.05	8	0.6	1DX15	VAN07003021
ELF 26272	1	3.63	0.01	0.24	0.2	0.02	3	0.4	0.025	8	0.25	1DX15	VAN07003021
ELF 26273	1	2.95	0.011	0.15	0.4	0.03	2.1	0.3	0.07	8	1.1	1DX15	VAN07003021
ELF 26274	0.5	2.73	0.013	0.17	0.2	0.04	1.6	0.3	0.09	7	0.9	1DX15	VAN07003021
ELF 26275	0.5	2.3	0.019	0.2	0.2	0.03	1.8	0.3	0.14	7	1.9	1DX15	VAN07003021
ELF 26276	1	2.02	0.01	0.21	0.2	0.02	1.4	0.3	0.025	7	0.5	1DX15	VAN07003021
ELF 26277	0.5	2.12	0.005	0.12	0.3	0.05	1.4	0.2	0.025	7	0.8	1DX15	VAN07003021
ELF 26278	2	2.72	0.014	0.31	0.05	0.02	7.1	0.5	0.025	8	0.25	1DX15	VAN07003021
ELF 26316	0.5	1.87	0.003	0.05	0.1	0.04	0.6	0.05	0.025	8	0.25	1DX15	VAN07003021
ELF 26317	0.5	1.65	0.008	0.07	0.1	0.02	0.9	0.05	0.025	5	0.25	1DX15	VAN07003021
ELF 26318	0.5	1.35	0.005	0.04	0.05	0.05	0.3	0.05	0.025	8	0.25	1DX15	VAN07003021
ELF 26319	0.5	0.58	0.01	0.03	0.05	0.02	0.1	0.05	0.025	4	0.25	1DX15	VAN07003021
ELF 26320	0.5	0.83	0.008	0.04	0.05	0.03	0.1	0.05	0.025	4	0.25	1DX15	VAN07003021
ELF 26336	1	2.71	0.049	0.19	1.2	0.005	5.9	0.2	0.025	9	0.25	1DX15	VAN07003021
ELF 26337	1	2.79	0.049	0.19	1.1	0.03	6.6	0.3	0.025	9	0.25	1DX15	VAN07003021
ELF 26338	2	2.76	0.06	0.22	1.1	0.03	6.2	0.3	0.025	9	0.25	1DX15	VAN07003021
ELF 26339	0.5	3	0.058	0.41	1.5	0.03	7.5	0.4	0.025	9	0.8	1DX15	VAN07003021
ELF 26340	0.5	3.16	0.068	0.56	3.5	0.005	9.9	0.6	0.025	11	0.25	1DX15	VAN07003021
ELF 26341	0.5	3	0.05	0.52	5	0.02	8.2	0.5	0.07	9	0.6	1DX15	VAN07003021
ELF 26342	0.5	2.92	0.044	0.53	1	0.01	7.1	0.5	0.08	8	0.25	1DX15	VAN07003021
ELF 26343	0.5	2.82	0.018	0.44	2.1	0.01	5.1	0.4	0.025	8	0.25	1DX15	VAN07003021
ELF 26344	0.5	3.02	0.03	0.37	0.2	0.005	5.5	0.5	0.025	7	0.25	1DX15	VAN07003021

Sample ID	Datum	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As
ELF 26345	Nad 83- 09V	557367	6800146	1.6	99.4	37.8	84	0.1	41.2	47.4	1054	4.28	8.4
ELF 26346	Nad 83- 09V	557302	6800068	3.1	228.8	76.5	87	0.2	65.9	69.7	1057	7.85	26.6
ELF 26347	Nad 83- 09V	557238	6799989	2.8	215	64	108	0.3	88.6	102.7	2148	8.15	119.5
ELF 26348	Nad 83- 09V	557192	6799911	2.5	150.1	49	101	0.1	63.6	80.3	2497	6.11	14.9
ELF 26349	Nad 83- 09V	557125	6799824	2.1	119.4	25.7	80	0.2	60.3	67.6	2250	5.4	47.3
ELF 26350	Nad 83- 09V	557076	6799734	2.3	229	41.3	81	0.2	53.5	70.4	1495	8.92	107.7
ELF 26446	Nad 83- 09V	556822	6800284	1.2	23.6	78.3	117	0.05	20.5	16.4	1011	4.81	15.1
ELF 26447	Nad 83- 09V	556753	6800205	1.3	10.6	35.4	57	0.2	9.4	6.6	484	3.37	6.6
ELF 26448	Nad 83- 09V	556674	6800137	1.4	26.8	139.1	264	0.3	29.6	20.9	1421	5.45	21.6

<b>Sample ID</b>	<b>U</b>	<b>Au</b>	<b>Th</b>	<b>Sr</b>	<b>Cd</b>	<b>Sb</b>	<b>Bi</b>	<b>V</b>	<b>Ca</b>	<b>P</b>	<b>La</b>	<b>Cr</b>	<b>Mg</b>	<b>Ba</b>	<b>Ti</b>
ELF 26345	3.8	6.1	8.7	116	1	0.3	4.1	39	0.47	0.076	21	35	0.78	118	0.041
ELF 26346	5.2	65.3	16.8	228	0.3	0.3	15.6	38	0.32	0.077	20	30	0.88	83	0.016
ELF 26347	2.8	180.2	10.4	86	0.5	0.2	13	64	0.15	0.075	17	66	1.37	142	0.041
ELF 26348	3.2	70.8	7.2	34	0.3	0.3	7.7	58	0.08	0.073	25	59	1.25	112	0.03
ELF 26349	2.7	29.7	5.2	38	0.1	0.4	4	36	0.14	0.108	28	32	0.88	114	0.013
ELF 26350	3.2	48.6	13.6	54	0.2	0.6	19.1	51	0.04	0.127	25	44	0.89	135	0.07
ELF 26446	1	2.4	0.9	9	0.3	0.7	1.1	39	0.02	0.063	20	30	0.48	73	0.016
ELF 26447	0.7	1.3	0.2	8	0.1	0.5	0.8	52	0.04	0.087	14	21	0.38	52	0.018
ELF 26448	1.2	2.2	1.4	10	1	1.2	1.3	34	0.07	0.125	24	30	0.59	88	0.012

<b>Sample ID</b>	<b>B</b>	<b>Al</b>	<b>Na</b>	<b>K</b>	<b>W</b>	<b>Hg</b>	<b>Sc</b>	<b>Tl</b>	<b>S</b>	<b>Ga</b>	<b>Se</b>	<b>Method</b>	<b>Acme File</b>
ELF 26345	17	2.25	0.032	0.39	0.6	0.04	3.8	0.5	0.07	6	0.25	1DX15	VAN07003021
ELF 26346	0.5	3.57	0.03	0.48	0.2	0.01	4	0.5	0.07	9	0.8	1DX15	VAN07003021
ELF 26347	0.5	3.81	0.013	0.62	0.1	0.01	7.1	0.7	0.025	10	0.7	1DX15	VAN07003021
ELF 26348	0.5	3.32	0.009	0.41	0.2	0.01	5	0.5	0.025	9	0.25	1DX15	VAN07003021
ELF 26349	0.5	2.74	0.011	0.24	0.1	0.03	2.8	0.3	0.025	7	0.25	1DX15	VAN07003021
ELF 26350	0.5	2.8	0.031	0.5	1.3	0.02	4.6	0.6	0.25	8	1.3	1DX15	VAN07003021
ELF 26446	0.5	1.87	0.004	0.07	0.2	0.03	0.7	0.1	0.025	7	0.25	1DX15	VAN07003021
ELF 26447	0.5	1.28	0.006	0.07	0.05	0.03	0.6	0.1	0.025	7	0.25	1DX15	VAN07003021
ELF 26448	0.5	1.91	0.004	0.07	0.3	0.03	0.9	0.1	0.025	6	0.5	1DX15	VAN07003021