

**GEOCHEMICAL REPORT**

**Oz 1-14 CLAIMS**

**GRANT # YC35959-YC35972**

**NTS # 116 B \ 12**

**LAT: 64° 44' N**

**LONG: 139° 45' W**

**DAWSON MINING DISTRICT**

**AUTHOR OF REPORT SHAWN RYAN**

**WORK PERFORMED SEPTEMBER 02, 2005**

**DATE OF REPORT DECEMBER 02, 2006**

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## **SUMMARY**

The Oz Property was visited for one day during the 2005 field season. Scott Fleming and Joe McCann spent half a day taking 31 soils. The soil survey revealed very anomalous values in zinc (up to 3660 ppm) and lead (up to 2820 ppm).

### **1.0 INTRODUCTION**

The Oz claim block was staked to cover an old Zinc and Lead showing similar to the Og claims situated 18 kilometers west.

### **2.0 LOCATIONS AND ACCESS**

The Oz claims are located 80 kilometers north northwest of Dawson City. The claims can be reached via helicopter from Dawson City.

### **3.0 PROPERTY DESCRIPTION**

The Oz Property consists of 14 full quartz claims all recorded and registered in the Dawson Mining District. The total land mass covered by the claim block is 483 hectares or 700 acres.

### **4.0 PHYSIOGRAPHY**

The Oz Property is located in the tundra between the elevation of 4200 ft and 5300 ft. The only vegetation seen is willow bushes in the valley bottom.

## **5.0 REGIONAL AND PROPERTY GEOLOGY**

### **5.1 REGIONAL GEOLOGY (Excerpts from GSC Open file 2849)**

The southern Ogilvie Mountains lie within the northwestern extremity of the the Cordilleran fold-thrust belts. The Dawson Thrust marks a major tectonostratigraphic boundary between carbonate-dominated platform rocks to the north (the Mackenzie Platform) and generally finer clastics to the south (Selwyn Basin). All rock units were displaced northward in middle Jurassic to Cretaceous time and most have been tectonically thickened. The Selwyn Basin strata were thrust northward in three overlapping structural sheets. Subcircular syenitic intrusions of about 90-110 Ma age cut these thrusts.

The Mackenzie Platform in the southern Ogilvies consists of thickly bedded Cambrian to Devonian dolostone near Mount Harper. Beneath this Paleozoic carbonates a tripartite succession of Middle and Upper Proterozoic strata are well exposed in an erosional inlier (the Coal Creek Dome of Green, 1972, termed the Coal Creek Inlier). In descending order, the Mount Harper Group consists of thick volcanic and carbonate units separated by thinner or wedge-shaped clastic units; the Fifteenmile group, an informal name, consists of stromatolitic and cherty dolostones; and the Wernecke Supergroup consists of fine-grained clastic rocks. These three groups are bounded by unconformities whose ages can be estimated from spatially related intrusions ( Wernecke breccias; about 1280 Ma, as in Parrish and Bell (1987) and the ca. 750 Ma Mount Harper Group volcanics). They were deposited during periods of repeated extension, including late Proterozoic continental rifting. These middle to late Proterozoic events formed structural features, which to some extent controlled, and are reflected in, the early Paleozoic evolution of the Cordilleran miogeocline.

### **5.2 PROPERTY GEOLOGY**

The Oz claims are covering Middle Proterozoic, Fifteen Mile (mPPFI) and Lower Proterozoic Gillespie Lake Group (IPG) rock units.

## **6.0 WORK PROGRAM / METHODS**

### **6.1 SOIL WORK**

A Haft day soil program was conducted by two men on the Oz Claims. In all there was 31 soil collected using one-meter soil augers or prospector picks in heavy talus slopes. Soils were collected at an average depth of 60-70 centimeters with augers and shallower with prospector picks, all samples were placed in paper kraft soil bags with sample site marked in the field with orange flagging. All sample sites were GPS as to exact ground position and GPS numbers were downloaded into excel format.

Sample spacing was at 50 meter station spacing.

### **7.0 INTERPRETATION**

The soil sample indicated a very nice zinc anomaly located on Oz 1-6 claims values reached up to 3660 ppm. The lead values correlated with the zinc with values reaching 2820 ppm Pb.

### **8.0 RECOMMENDATION**

I would recommend a soil grid covering the claim block. Line should be at 100 meter spacing and soil collected on 50 meter station spacing.

### **9.0 REFERENCES CITED**

Thompson R.I. GSC Open File 3223, Geological Compilation (1-250,000) of Dawson Map Area (116B,C) (northeast of Tintina Trench)

### **10.0 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 24 years. I worked the first 15 years as a contractor working on numerous projects in the NWT, Ontario, Quebec and the Yukon. I have worked for the last 8 years as a local prospector for myself.

I have being train to run various geophysical instrument and surveys such as magnetic surveys, max-min surveys, induce polarity surveys and Vlf surveys.

I have overseen the whole Oz Project and was the party chief in charge.

I own 100 % of the Oz claims.

Dated this 02 of December, 2006 in Dawson City, Yukon.

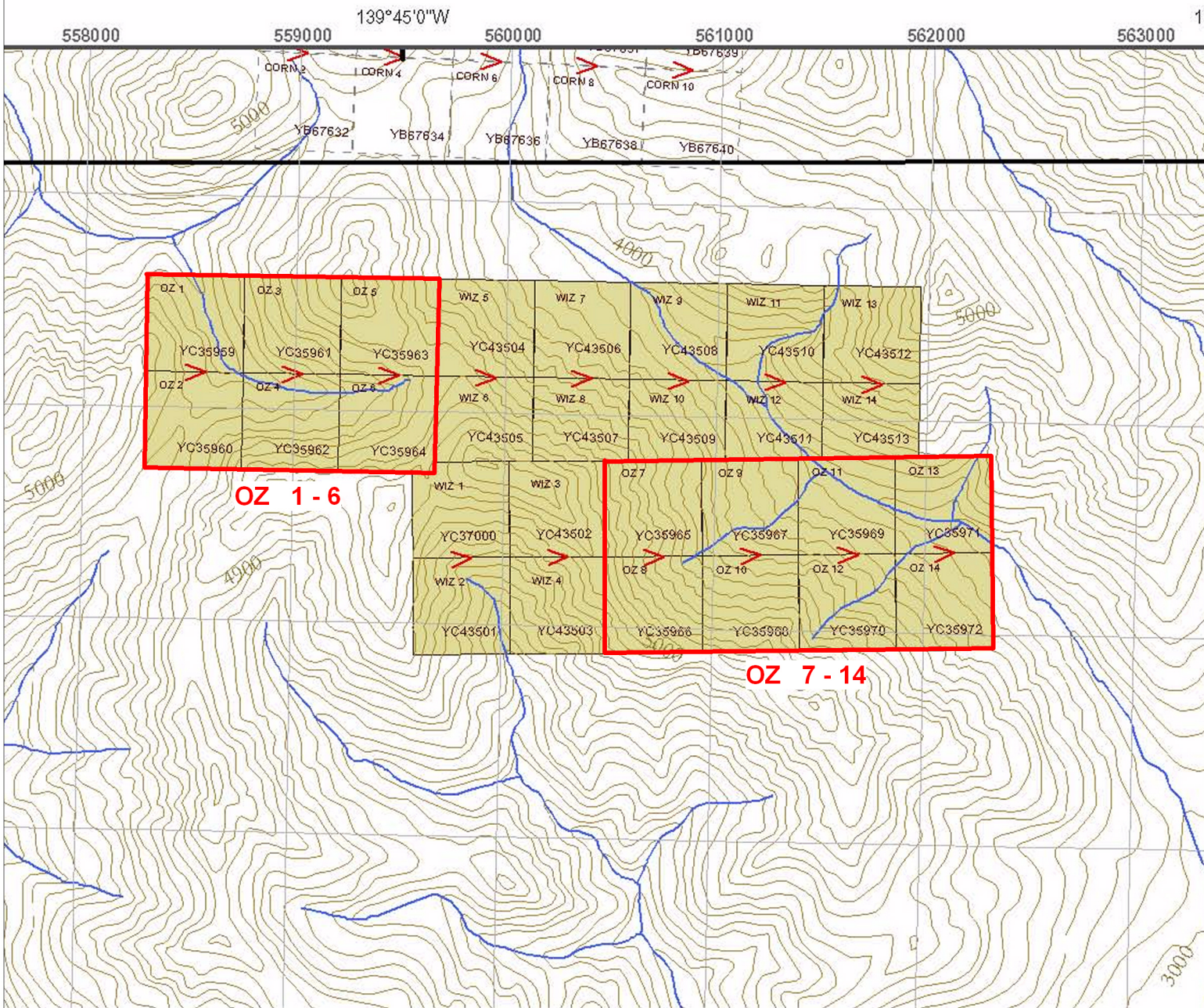
Respectfully submitted

Shawn Ryan

## **11.0 Cost**

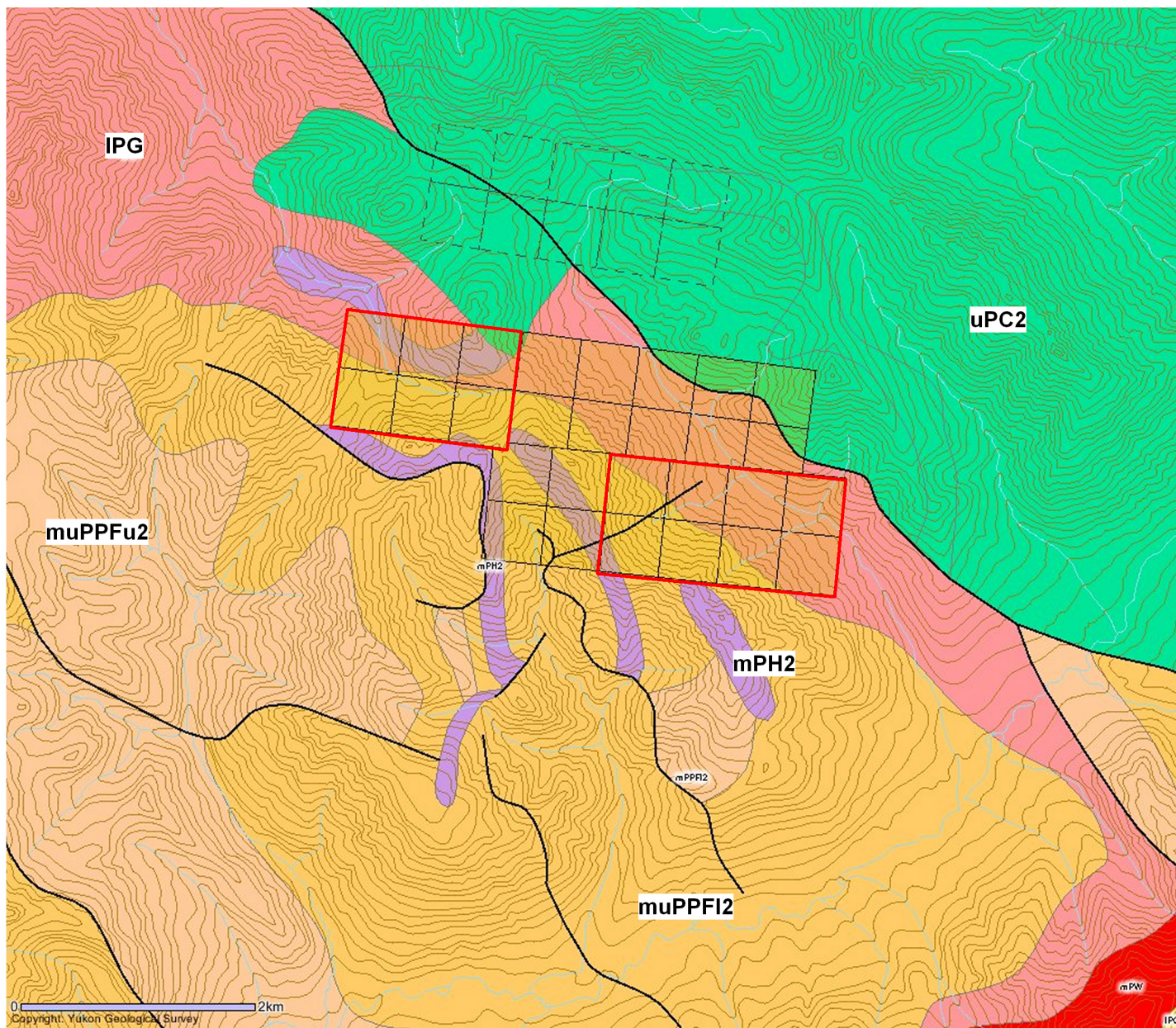
Assay 31 soils @ \$18.00 per sample	\$558.00
1 men @ \$250.00 per day	\$250.00
Helicopter Cost 1.0 hours @ \$1200.00	\$1,200.00
Report	\$300.00
Total	\$2,308.00

# OZ 1 - 14 Claims



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# Yukon Geological Survey Geology Map



Oz Claim Block area



# Yukon Geological Survey Geology Description

## UPPER PROTEROZOIC



### uPC: CALLISON

dolostone assemblage comprising two regionally correlated units (1) and (2)

- 
2. cryptalgal dolostone; medium to light grey fine crystalline, laminated to thinly bedded and stromatolitic dolostone; includes chert and dolomitic breccia; craggy, medium to dark grey, massive, medium crystalline dolostone with abundant silicification (**Fifteen Mile Gp. (upper)**)

## MIDDLE TO UPPER PROTEROZOIC



### muPPFu: PINGUICULA/FIFTEEN MILE (UPPER)

siliclastic-carbonate assemblage comprising two regionally correlated units (1) and (2)

- 
2. light-grey, finely crystalline dolomite; shale; pebbly mudstone; gritty mudstone; stromatolitic limestone; quartz sandstone (**Fifteen Mile Gp. (upper)**)

## MIDDLE PROTEROZOIC



### mPPFI: PINGUICULA/FIFTEEN MILE (LOWER)

dominantly carbonate assemblage with basal clastics comprising two regionally correlated units (1) and (2); includes possible other correlative carbonate, clastic and volcanic rocks (3) and (4)

- 
2. basal shale to silty dolomite; medium to thick bedded dolomitic mudstone and dolostone breccia, massive dolostone; medium-bedded dolostone with mudstone interbeds; dolostone breccia, oolitic packstone and uncommon stromatolitic dolostone (**Fifteen Mile Gp. (lower)**)

## MIDDLE PROTEROZOIC



### **mPH: HART RIVER**

mafic volcanic flows (1) and (3) and their possible intrusive equivalents (2)

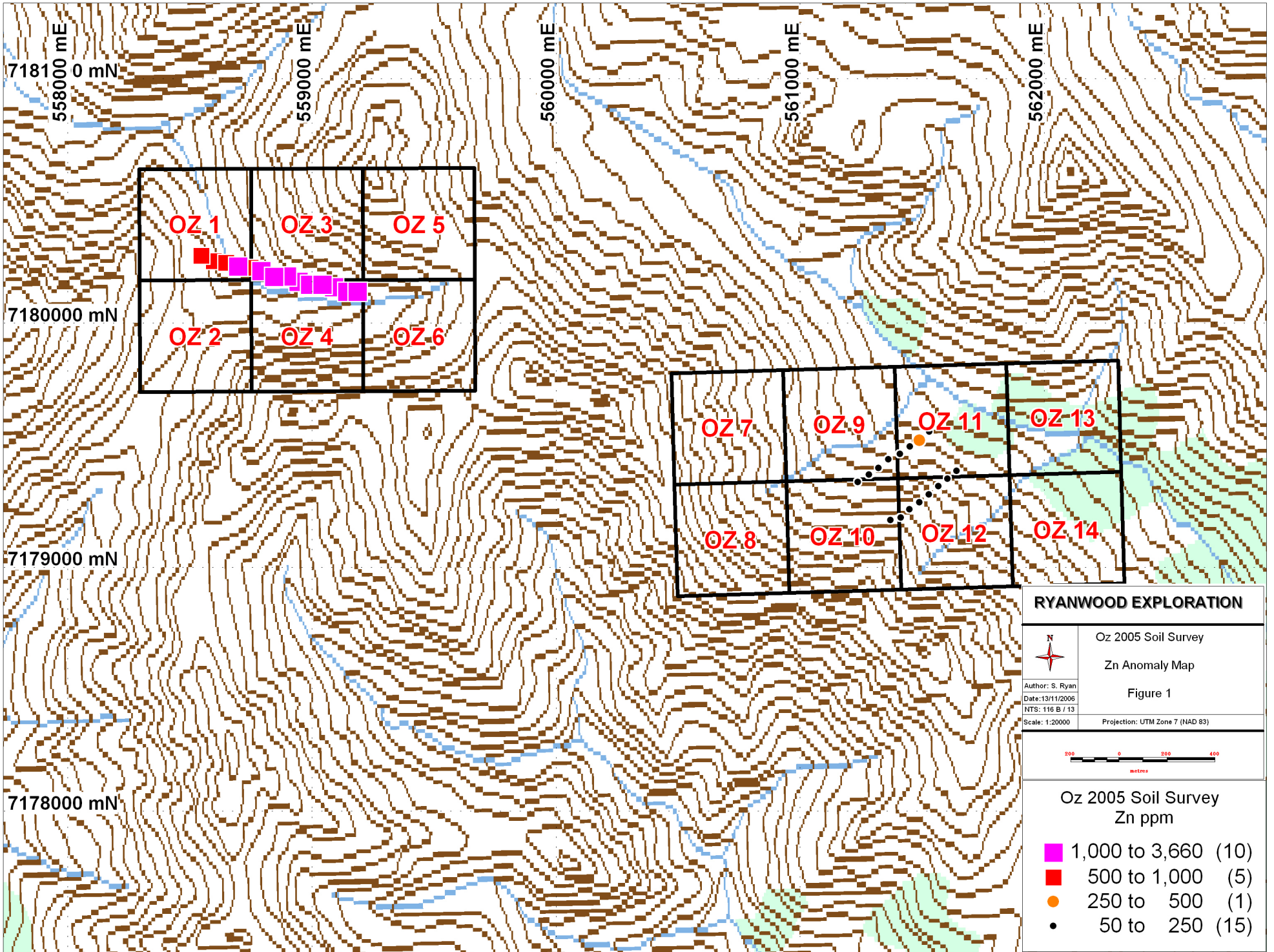
2. resistant dark weathering diorite and gabbro sills and dikes (**Hart River Sills**)

## LOWER PROTEROZOIC



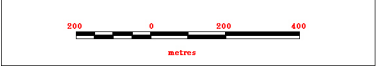
### **IPG: GILLESPIE LAKE**

dolostone and silty dolostone, locally stromatolitic, locally with chert nodules and sparry karst infillings, interbedded with lesser black siltstone and shale, laminated mudstone, and quartzose sandstone; local dolomite boulder conglomerate (**Gillespie Lake Gp.**)

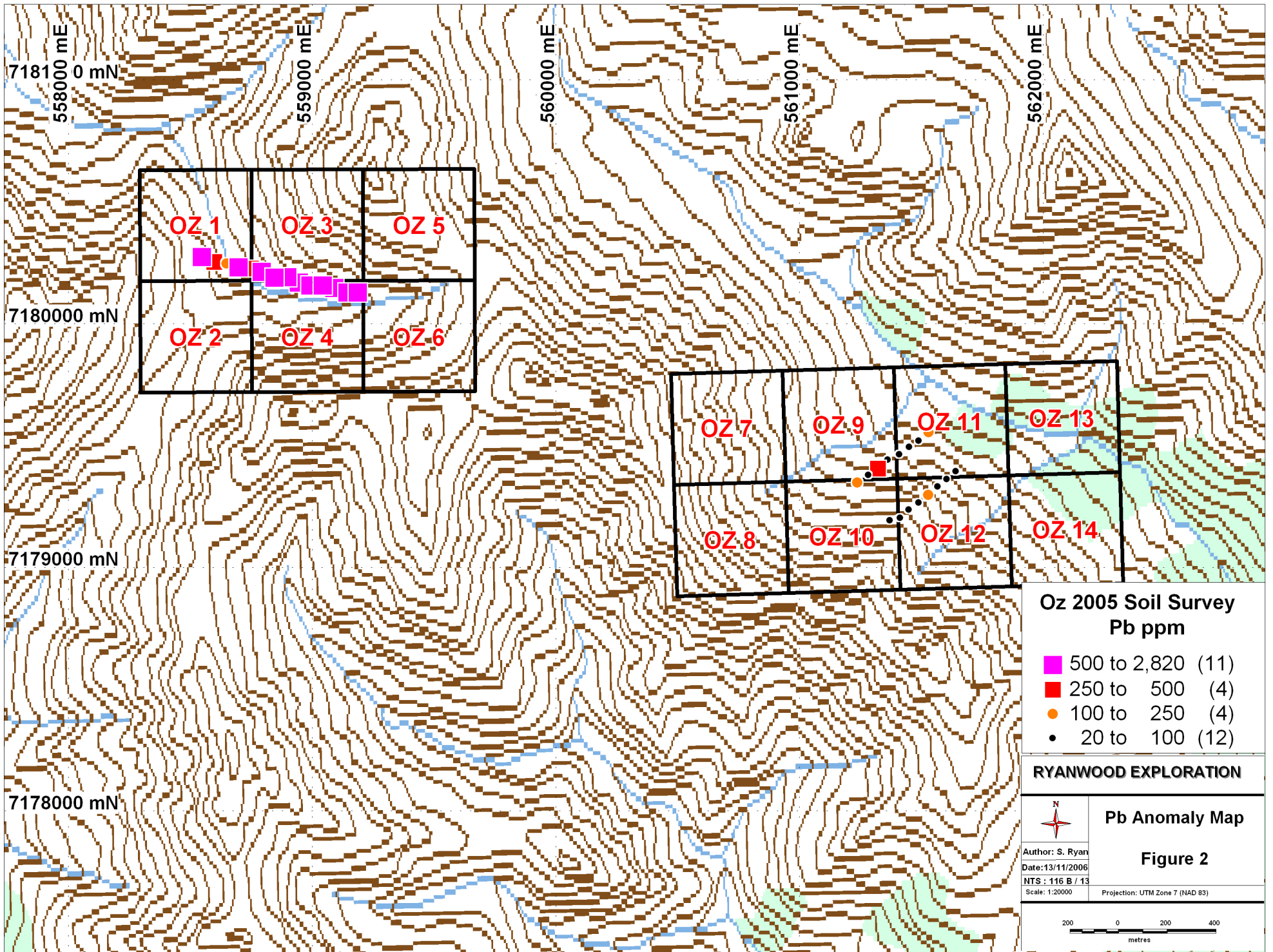


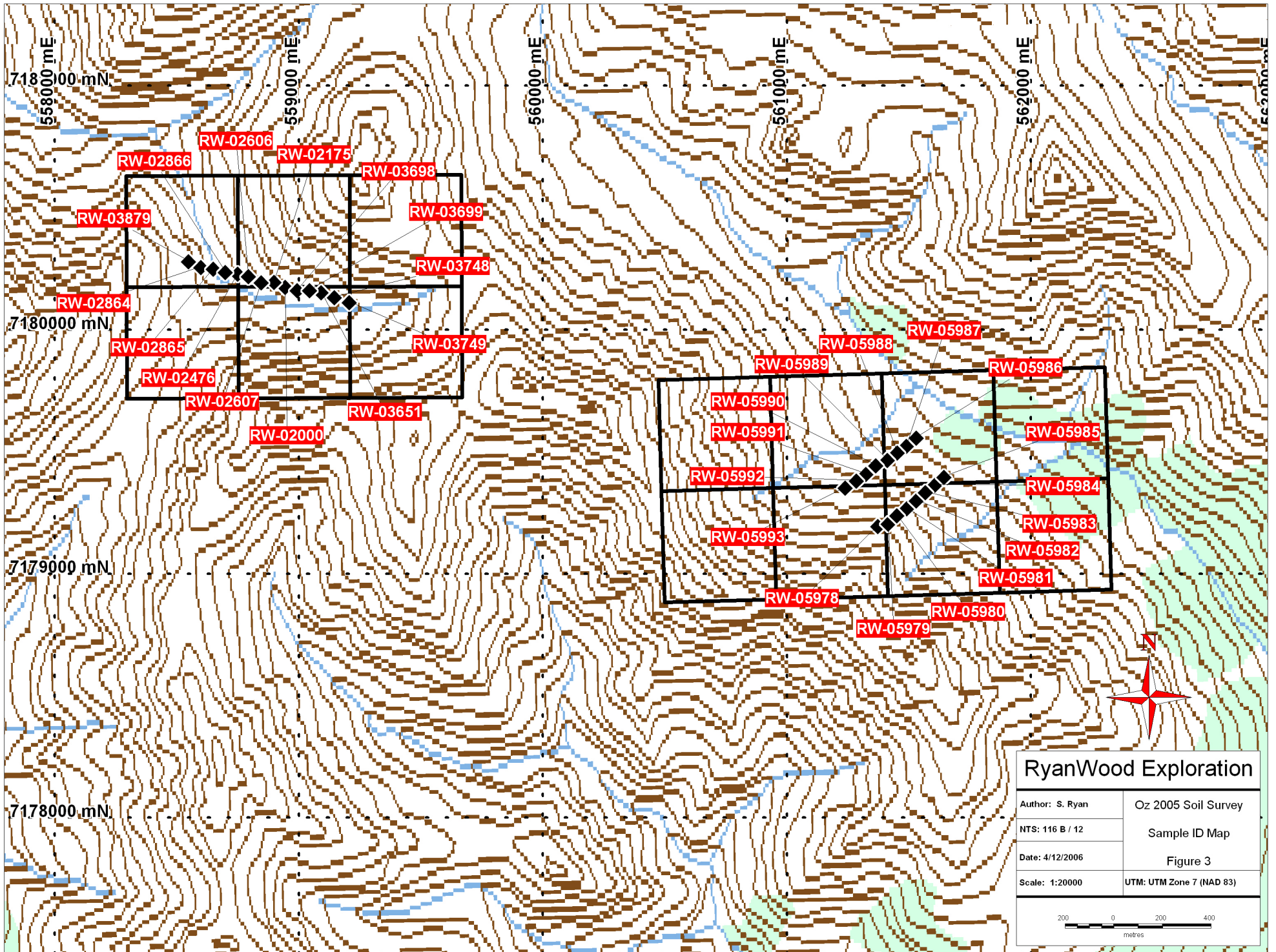
**RYANWOOD EXPLORATION**

Oz 2005 Soil Survey  
 Zn Anomaly Map  
 Figure 1  
 Author: S. Ryan  
 Date: 13/11/2006  
 NTS: 116 B / 13  
 Scale: 1:20000  
 Projection: UTM Zone 7 (NAD 83)



- Oz 2005 Soil Survey  
 Zn ppm**
- 1,000 to 3,660 (10)
  - 500 to 1,000 (5)
  - 250 to 500 (1)
  - 50 to 250 (15)





**RyanWood Exploration**

Author: S. Ryan	Oz 2005 Soil Survey
NTS: 116 B / 12	Sample ID Map
Date: 4/12/2006	Figure 3
Scale: 1:20000	UTM: UTM Zone 7 (NAD 83)

200 0 200 400  
metres

GPS ID	Datum	Easting	Northing	Elevation	Project	Mo	Cu	Pb	Zn	Ag
RW02000	Nad 83-7W	558945	7180177	1357.6	Oz 2005	0.5	107.9	1926.2	2338	1.3
RW02175	Nad 83-7W	558899	7180198	1346	Oz 2005	0.4	52.2	1363.7	1230	0.8
RW02476	Nad 83-7W	558749	7180232	1324.1	Oz 2005	0.9	20.7	431.9	620	0.2
RW02601	Nad 83-7W	567416	7188735	1337.8	Oz 2005	1.1	20.4	282.1	772	0.3
RW02606	Nad 83-7W	558794	7180221	1337.5	Oz 2005	0.8	32.4	2127	1114	2.2
RW02607	Nad 83-7W	558846	7180197	1338.1	Oz 2005	0.6	50.2	2818.8	2207	1.7
RW02864	Nad 83-7W	558599	7180259	1314.6	Oz 2005	1	25.8	290.5	523	0.6
RW02865	Nad 83-7W	558649	7180252	1302.7	Oz 2005	1.1	33.9	248.3	682	0.7
RW02866	Nad 83-7W	558699	7180238	1293.6	Oz 2005	0.7	57.7	1412.9	3104	1.1
RW03651	Nad 83-7W	559091	7180155	1367.6	Oz 2005	0.6	66.4	1361.3	3652	1.2
RW03698	Nad 83-7W	558993	7180165	1353.3	Oz 2005	1.1	73.1	1791.6	2180	1.7
RW03699	Nad 83-7W	559044	7180165	1364.3	Oz 2005	0.6	70	1178	2128	0.9
RW03748	Nad 83-7W	559146	7180135	1382.9	Oz 2005	0.6	37.5	1438.8	2376	1.2
RW03749	Nad 83-7W	559188	7180136	1389.6	Oz 2005	0.5	34.5	875.6	1905	0.9
RW03879	Nad 83-7W	558548	7180282	1327.1	Oz 2005	0.6	29.8	603	966	0.6
RW05978	Nad 83-7W	561372	7179197	1346.3	Oz 2005	0.4	10.2	53.9	79	0.2
RW05979	Nad 83-7W	561415	7179207	1335	Oz 2005	0.4	11.5	71.9	54	0.2
RW05980	Nad 83-7W	561451	7179241	1304.8	Oz 2005	0.5	15.2	57.8	68	0.2
RW05981	Nad 83-7W	561491	7179270	1277.1	Oz 2005	0.3	15.1	50.4	92	0.2
RW05982	Nad 83-7W	561530	7179303	1253.3	Oz 2005	1	29	102.4	143	0.4
RW05983	Nad 83-7W	561568	7179336	1231.7	Oz 2005	1.3	27.2	75.4	134	0.3
RW05984	Nad 83-7W	561606	7179366	1196.3	Oz 2005	1.1	23.2	41.1	84	0.2
RW05985	Nad 83-7W	561644	7179399	1175.9	Oz 2005	1.1	28.5	34.2	87	0.2
RW05986	Nad 83-7W	561531	7179560	1144.2	Oz 2005	1	29.4	201	149	0.2
RW05987	Nad 83-7W	561490	7179525	1161.3	Oz 2005	1.1	31	62.1	297	0.3
RW05988	Nad 83-7W	561452	7179498	1169.2	Oz 2005	0.9	21.2	26.6	73	0.2
RW05989	Nad 83-7W	561411	7179469	1196.6	Oz 2005	0.7	22.5	65.2	106	0.4
RW05990	Nad 83-7W	561364	7179446	1210.1	Oz 2005	1.1	24.1	37.7	98	0.3
RW05991	Nad 83-7W	561324	7179410	1222.9	Oz 2005	0.7	20.2	440.1	161	0.3
RW05992	Nad 83-7W	561284	7179384	1235.7	Oz 2005	0.9	26.9	80.3	161	0.3
RW05993	Nad 83-7W	561239	7179354	1255.5	Oz 2005	0.6	23.9	182.1	112	0.3

GPS ID	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
RW02000	18	7.9	2697	2.49	25.1	0.6	0.7	0.8	28	7.2	3.4	0.1	20
RW02175	13.9	6.4	3374	2.47	14.4	0.3	1.3	0.7	27	3.1	1.9	0.1	18
RW02476	22.7	14.5	1382	3.31	12.3	0.6	1.5	0.6	11	1	1	0.2	68
RW02601	24.2	9.3	1699	2.33	10.8	0.7	3	0.9	22	1.6	1.1	0.1	43
RW02606	30.7	15.4	1736	4.31	21.4	0.6	2.7	3	14	1.8	2.2	0.4	45
RW02607	22.4	10.2	3017	3.55	28.4	0.5	1	0.9	18	5.5	3.6	0.2	28
RW02864	26.8	11.6	2642	3.3	20.2	0.6	1.4	1.1	22	1.6	1.9	0.2	33
RW02865	33.2	16.1	3061	4.11	19.5	0.8	2.4	1.5	17	1.8	2	0.2	54
RW02866	32.5	14.7	2603	4.08	23.6	0.8	2.9	2.1	17	5.5	2.2	0.2	59
RW03651	19.6	9.3	2536	2.66	20.3	0.4	2.8	0.7	23	10.7	2.4	0.1	29
RW03698	21.2	8.5	1759	2.84	36.3	0.6	2.3	1.6	26	5.4	3.7	0.1	26
RW03699	15.5	8.8	2675	2.58	18.6	0.7	1.6	0.6	21	5.9	2	0.1	33
RW03748	20.6	8.9	2429	2.6	21.9	0.5	1.3	0.7	21	5.8	2.9	0.1	27
RW03749	19	8.7	2785	2.53	18.8	0.7	1.3	0.7	19	5.1	2.2	0.1	32
RW03879	18.2	9.1	3408	2.98	15.1	0.6	1.6	0.8	20	3.9	1.5	0.1	29
RW05978	9	3.5	1324	1.47	6.9	0.6	0	0.8	31	0.3	1.1	0.1	11
RW05979	9.1	4.1	1285	1.18	6.1	0.6	1.2	0.7	32	0.2	0.7	0.1	9
RW05980	11.8	5.4	1641	1.5	6.6	0.8	2	0.8	32	0.3	1	0.1	16
RW05981	10.9	4.5	1842	1.48	4.9	0.7	0.9	1	44	0.3	1	0.1	11
RW05982	21.2	9.4	2289	2.53	10.5	0.8	0.8	1.5	38	0.5	1.5	0.1	31
RW05983	26.5	12	2542	3.84	13.5	0.9	4.1	1.1	15	0.5	1.4	0.3	49
RW05984	22.2	8.3	1597	2.58	9.7	0.6	5.8	2.9	27	0.3	1.1	0.1	34
RW05985	27.3	9.6	1384	3.03	11.9	0.8	3.2	4.1	20	0.3	1.2	0.2	46
RW05986	21.6	11.9	1050	3.3	11.6	1.3	2.4	1.7	19	0.3	0.8	0.3	50
RW05987	26.2	11.5	1280	3.11	10.5	1.3	2.7	3	19	0.7	0.9	0.3	45
RW05988	23.1	8.7	730	2.71	10	0.9	2.9	1.2	16	0.2	0.6	0.2	49
RW05989	19.7	8.6	2525	2.3	9.5	0.8	1.2	1	26	0.5	1.4	0.2	22
RW05990	26	9.4	1193	3.15	12.6	0.8	4.5	1.6	17	0.3	1	0.2	46
RW05991	15.1	7.6	2877	2.24	8.1	0.7	0	0.4	24	1.1	1.3	0.1	23
RW05992	21.5	11.8	3522	3.28	11	1.3	0	0.8	17	0.6	1.5	0.2	33
RW05993	19.4	9.6	1696	2.35	10.1	0.8	0.8	1.4	24	0.5	1.2	0.2	27

GPS ID	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
RW02000	14.75	0.038	11	13	7.87	95	0.011	15	0.41	0.01	0.04	0
RW02175	13.55	0.05	12	9.2	7.05	88	0.009	9	0.45	0.01	0.05	0
RW02476	0.47	0.083	12	28	0.51	193	0.016	2	1.89	0.011	0.07	0.1
RW02601	7.78	0.053	12	19.8	4.52	129	0.026	5	0.94	0.013	0.06	0.1
RW02606	1.4	0.048	22	29.7	1.09	150	0.037	3	1.37	0.01	0.07	0.1
RW02607	6.53	0.076	17	17.5	3.6	135	0.014	8	0.85	0.01	0.07	0.1
RW02864	9.67	0.056	14	16.1	5.43	127	0.018	3	0.87	0.013	0.04	0.1
RW02865	4	0.072	20	25.8	2.4	177	0.029	4	1.32	0.012	0.06	0.1
RW02866	1.95	0.07	21	33.1	1.61	258	0.029	5	1.67	0.012	0.07	0.1
RW03651	12.45	0.046	11	23.3	7.05	94	0.015	10	0.65	0.011	0.04	0.1
RW03698	9.73	0.048	10	17.7	5.72	103	0.029	10	0.64	0.012	0.04	0.1
RW03699	12.35	0.05	13	17.2	7.04	137	0.012	16	0.67	0.01	0.03	0.1
RW03748	12.12	0.043	12	22.5	6.94	107	0.015	11	0.61	0.01	0.03	0
RW03749	11.49	0.054	13	17.7	6.84	119	0.014	16	0.66	0.01	0.04	0
RW03879	9.63	0.058	15	15.2	5.61	237	0.016	3	0.91	0.011	0.04	0.1
RW05978	16.8	0.023	7	5.1	9.5	75	0.009	3	0.27	0.013	0.04	0
RW05979	17.01	0.025	7	4.9	9.59	68	0.007	3	0.29	0.014	0.05	0
RW05980	14.8	0.039	11	9.1	8.08	89	0.011	5	0.48	0.014	0.08	0.1
RW05981	17.46	0.026	10	5.6	9.53	150	0.008	3	0.3	0.015	0.05	0
RW05982	12.39	0.041	14	13.3	7.06	382	0.014	4	0.71	0.014	0.05	0.1
RW05983	1.17	0.077	24	26	0.76	674	0.025	3	1.46	0.011	0.06	0.1
RW05984	6.14	0.061	18	17.6	3.53	260	0.035	3	0.75	0.013	0.06	0.2
RW05985	1.87	0.069	24	25.4	1.23	286	0.049	3	1.01	0.012	0.08	0.3
RW05986	0.74	0.088	16	29.5	0.53	286	0.037	2	1.49	0.01	0.07	0.1
RW05987	0.63	0.096	24	28.1	0.5	395	0.039	3	1.25	0.01	0.11	0.3
RW05988	0.56	0.085	14	28.3	0.55	395	0.029	2	1.65	0.012	0.06	0.1
RW05989	10.4	0.066	18	12.9	5.79	214	0.012	5	0.75	0.012	0.1	0.1
RW05990	1.98	0.07	20	28.7	1.36	401	0.027	2	1.5	0.011	0.06	0.1
RW05991	10.76	0.071	15	10.5	6.07	143	0.011	4	0.75	0.012	0.05	0.1
RW05992	4.11	0.082	19	18.7	2.24	291	0.012	5	1.23	0.011	0.07	0
RW05993	8.83	0.043	16	15.9	5	296	0.019	5	0.86	0.013	0.06	0.1

GPS ID	Hg	Sc	Tl	S	Ga	Se	Analysis	Acme file
RW02000	1.08	2.4	2.1	0	1	0.8	GROUP 1DX - 15 GM	A507808
RW02175	0.39	2.3	0.9	0.08	1	0.9	GROUP 1DX - 15 GM	A507808
RW02476	0.15	3.4	0.4	0	6	0.6	GROUP 1DX - 15 GM	A507808
RW02601	0.09	2.2	1.1	0	3	0.6	GROUP 1DX - 15 GM	A507808
RW02606	0.43	8.2	0.6	0	4	0.6	GROUP 1DX - 15 GM	A507808
RW02607	0.63	3.4	1.1	0.06	3	0.7	GROUP 1DX - 15 GM	A507808
RW02864	0.33	3.2	1.4	0	2	0.6	GROUP 1DX - 15 GM	A507808
RW02865	0.26	4.6	0.9	0	4	0.7	GROUP 1DX - 15 GM	A507808
RW02866	0.59	6.4	0.8	0	5	0.6	GROUP 1DX - 15 GM	A507808
RW03651	1.06	2.7	1.5	0	2	0.7	GROUP 1DX - 15 GM	A507808
RW03698	1.1	2.8	2.6	0	2	0.7	GROUP 1DX - 15 GM	A507808
RW03699	0.86	3.1	1	0	2	0.8	GROUP 1DX - 15 GM	A507808
RW03748	0.67	2.8	1.2	0	2	0.7	GROUP 1DX - 15 GM	A507808
RW03749	0.37	3.1	0.8	0	2	0.8	GROUP 1DX - 15 GM	A507808
RW03879	0.39	2.5	0.7	0	2	0.8	GROUP 1DX - 15 GM	A507808
RW05978	0.07	1.2	0.2	0	1	0.5	GROUP 1DX - 15 GM	A507808
RW05979	0.09	1.3	0.1	0	1	0.7	GROUP 1DX - 15 GM	A507808
RW05980	0.05	1.9	0.1	0	1	0.8	GROUP 1DX - 15 GM	A507808
RW05981	0.12	1.6	0.1	0.06	1	0.6	GROUP 1DX - 15 GM	A507808
RW05982	0.17	3.6	0.2	0	2	0.9	GROUP 1DX - 15 GM	A507808
RW05983	0.11	3.4	0.2	0.1	4	0.9	GROUP 1DX - 15 GM	A507808
RW05984	0.07	3.2	0.1	0	2	0.6	GROUP 1DX - 15 GM	A507808
RW05985	0.08	4	0.1	0	3	0.6	GROUP 1DX - 15 GM	A507808
RW05986	0.08	4.1	0.1	0.09	5	0.5	GROUP 1DX - 15 GM	A507808
RW05987	0.19	4.8	0.2	0.07	4	0.7	GROUP 1DX - 15 GM	A507808
RW05988	0.06	2.8	0.1	0.08	5	0.6	GROUP 1DX - 15 GM	A507808
RW05989	0.16	2.6	0.2	0.12	2	0.9	GROUP 1DX - 15 GM	A507808
RW05990	0.09	3.9	0.2	0.09	4	0.6	GROUP 1DX - 15 GM	A507808
RW05991	0.12	1.4	0.2	0.11	2	0.9	GROUP 1DX - 15 GM	A507808
RW05992	0.1	2.2	0.3	0.14	3	0.7	GROUP 1DX - 15 GM	A507808
RW05993	0.13	3	0.2	0	2	0.6	GROUP 1DX - 15 GM	A507808