

**Northern Platinum Ltd.**

**2005 EXPLORATION**

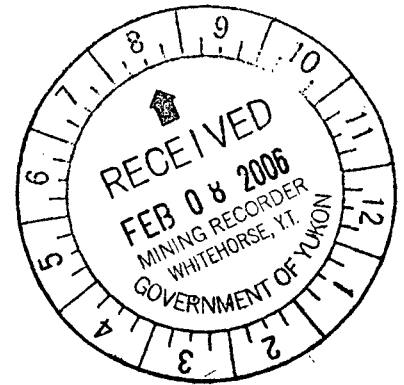
**SUMMARY REPORT**

**Road Maintenance and Prospecting**

**ON**

**ARCH PROPERTY**

**(BARNY AND MUS CLAIMS)**



copy 1

094578

**Grant Number**

YA94968 – YA94973  
YA96002– YA96009  
YA96867 – YA96880  
YA97896 – YA97902  
YA97904 – YA97906  
YA97908  
YA97910 – YA97912  
YB08307  
YA94966 – YA94967  
YA96015  
YA96017  
YA96019

**Whitehorse Mining District**

**NTS 115/G/6**

**60° 27' N & 139° 25' E**

**Performed for**

**Arch Joint Venture**

**By Northern Platinum Ltd.**

**From June 1 to August 30, 2005**

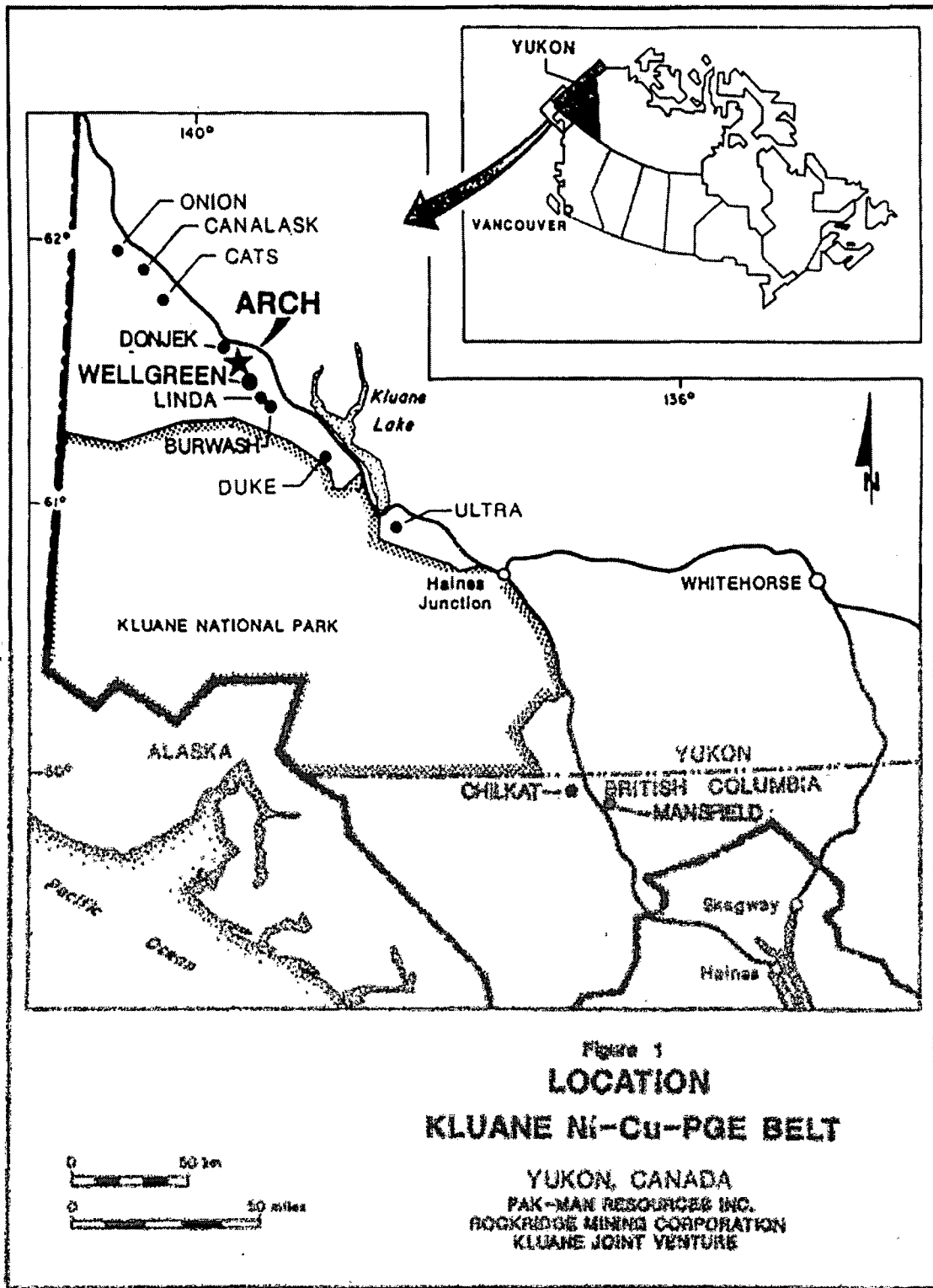
**J.P. McGoran B.Sc. P.Geo.**

**January 2006**

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Figure 1 Location



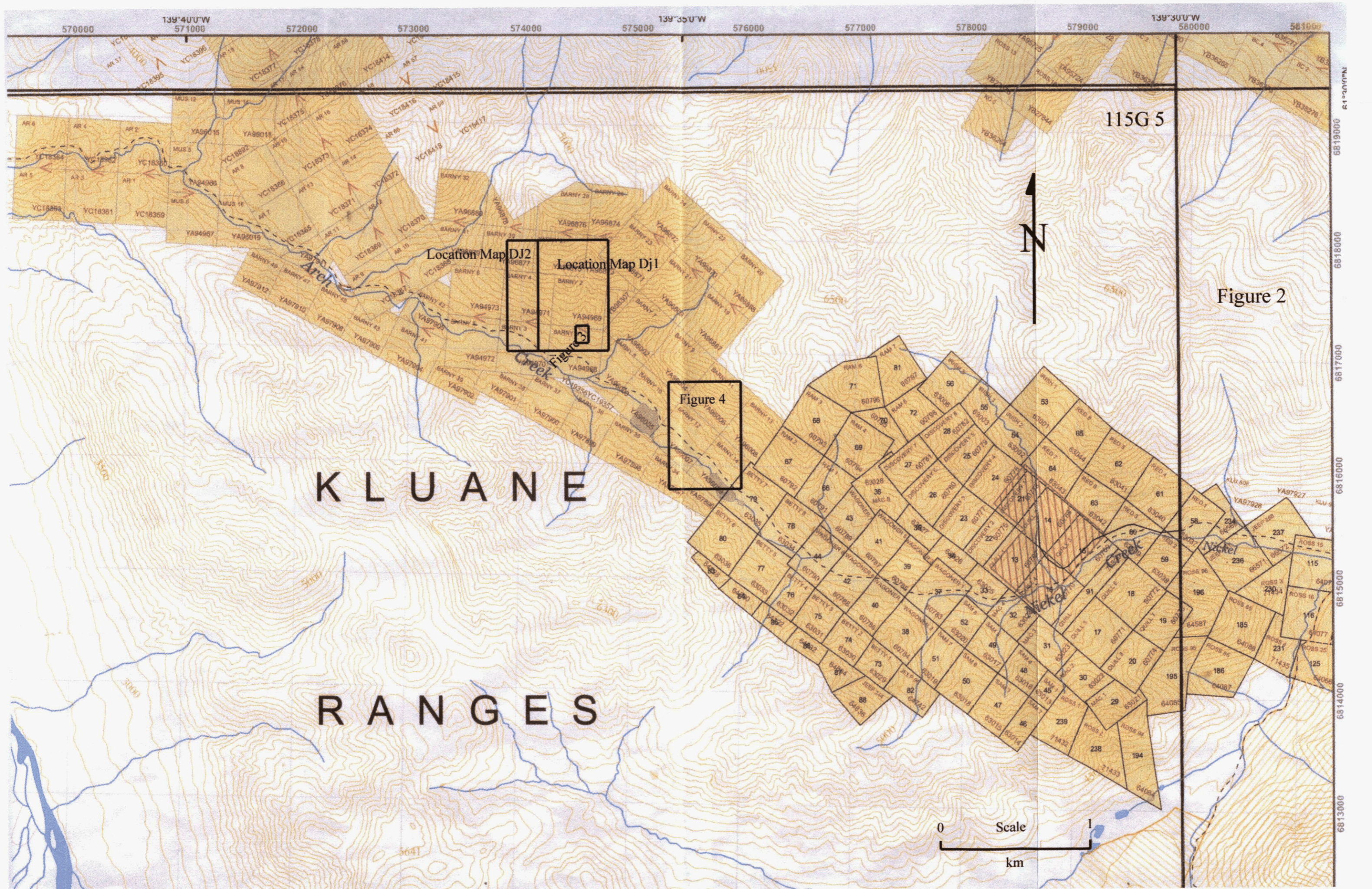
## Location And Access

The 48 claim Arch Property is located in southwestern Yukon, 320 km northwest of Whitehorse at latitude 60° 27' and longitude 139° 25' on NTS claim map 115G/6 (see Figures 1 and 2). It is centred on Arch Creek, a tributary of Donjek River and adjoins the west end of the Wellgreen Property. Elevations range from about 1,980 metres (6,500 feet) on ridge crests to 1,070 metres (3,500 feet) on Lower Arch Creek. An access road extends from the Wellgreen Property, which is reached by a 14 kilometre all-weather road from the Alaska Highway. The access trail to the Arch claims was repaired and locally rebuilt in 1997, 2001 and 2005 and now extends 5 kilometres from Wellgreen westerly along a creek valley to the Arch Claims.

The claims are registered with the Whitehorse Mining Recorder as follows:

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date</u>
Barny 1-6	YA94968 – YA94973	February 11, 2006
Barny 7-14	YA96002– YA96009	February 11, 2006
Barny 19-32	YA96867 – YA96880	February 11, 2006
Barny 33-39	YA97896 – YA97902	February 11, 2006
Barny 41-43	YA97904 – YA97906	February 11, 2006
Barny 45	YA97908	February 11, 2006
Barny 47-49	YA97910 – YA97912	February 11, 2006
Barny 50	YB08307	February 11, 2006
MUS 5-6	YA94966 – YA94967	February 11, 2006
MUS 12	YA96015	February 11, 2006
MUS 14	YA96017	February 11, 2006
MUS 16	YA96019	February 11, 2006

Northern Platinum Ltd. is now the manager of the Arch Joint Venture. Claims Locations are shown on Figure 2.



## Introduction

The Arch Property was acquired by staking and option in 1986 by Archer, Cathro & Associates (1981) Limited on behalf of Kluane Joint Venture (Chevron Minerals Ltd. and All-North Resources Ltd.) to cover the extension of the Quill Creek Ultramafic Complex west of the Wellgreen Property. Additional claims were added during the 1987 and 2001 field season. In December 1986 the Joint Venture entered into an option agreement with Pak-Man Resources Inc. and Rockridge Mining Corporation, which subsequently funded an exploration program for platinum group elements (PGE), nickel and copper. The program consisted of grid layout, mapping, geochemical soil sampling, rock sampling, geophysical surveys and road construction and was performed between mid-June and early October by an Archer, Cathro crew based at the Wellgreen camp. The 1997 program consisted of the location of previous roads, grids and trenches. The prospecting in the vicinity of these workings and determining the extent of the mineralization. Prospecting, cat work, rock sampling and analysis made up the 1997 program.

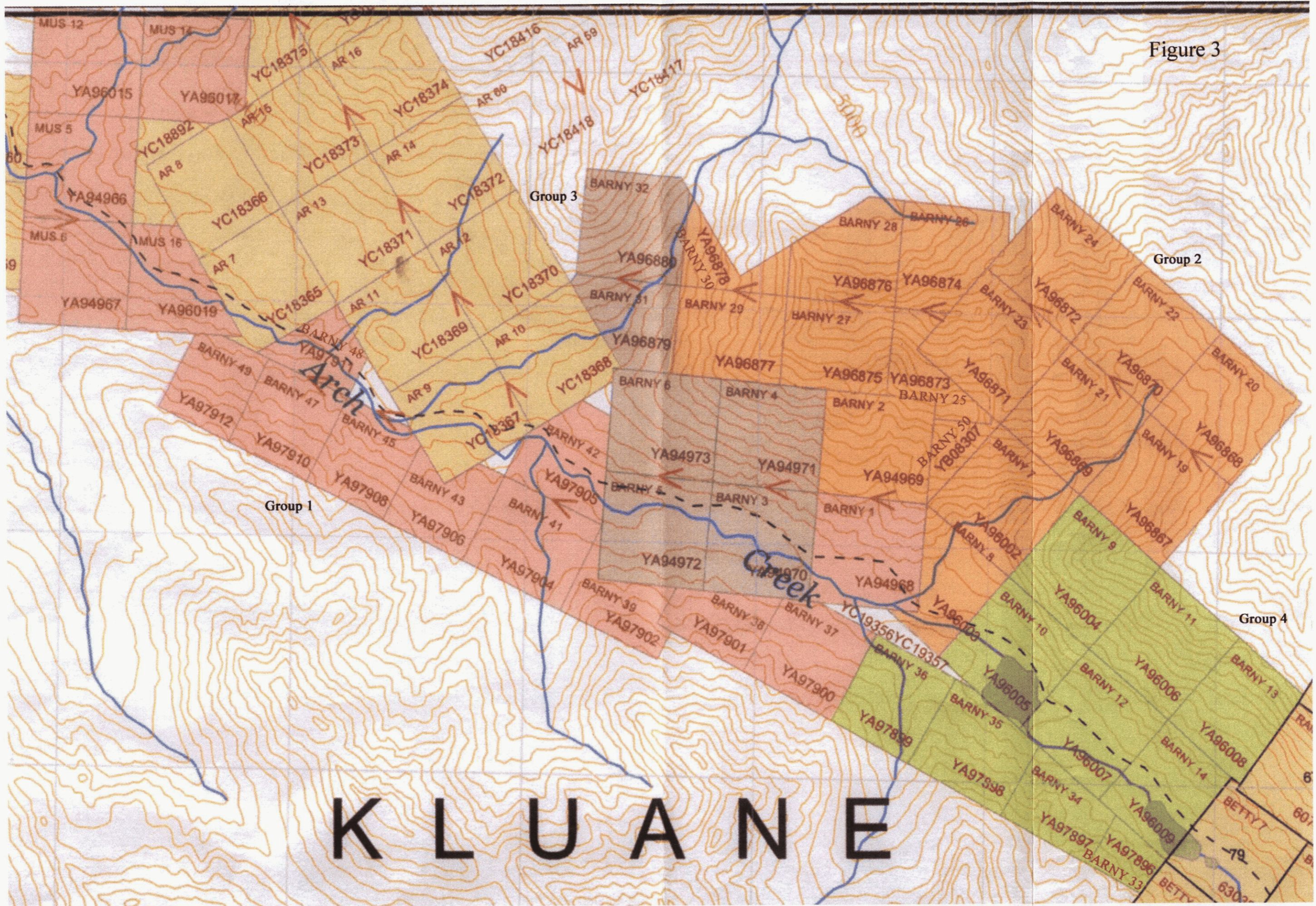
All-North's interest was purchased by Northern Platinum on January 26, 1998. At the time Northern Platinum became manager of the Arch Joint Venture.

During the 2001 field season David Javorsky prospected the area (S.P. anomaly) and located the source of some massive sulphides. Slide rock was cleared from the access trail by a J.D. 450 crawler tractor prior to the commencement of the 2001 exploration program. David Javorsky conducted an S.P. line over float he discovered during the 2000 field season.

The S.P. anomaly was on the Barny 1 claim was trenched, sampled and diamond drilled during 2001. The results were encouraging.

During 2005 Dave Javorsky and John McGoran attempted to locate a recently discovered style of mineralization discovered on the adjacent Wellgreen property. This mineralization consists of high platinum, palladium, gold and silver values in a mud to grit filled shear zone. Several of these zones have been located at Wellgreen and are locally named 'bsb' zones.

Figure 3



Group 1

Group 3

Group 2

Group 4

KLUANE

## Prospecting 2005

From August 6 to August 23, 2005, prospecting was conducted by David Javorsky, 818 – 470 Granville Street, Vancouver, British Columbia, who supplied the following equipment.

- ? One Beep mat (G.D.D. Inc. Serial No. 7043)
- ? One Self potential geophysical system
- ? Miscellaneous picks, hammers and shovels, compass

David Javorsky stayed at the Wellgreen camp and commuted daily with his equipment to the property. Northern Platinum Ltd. supplied accommodation and fuel. A report of the prospecting program by David Javorsky is attached as Appendix B.

## 2005 Program

### Road and Trail Preparation

On August 27 and 28, 2005, a D7 Cat hired from E. Caron Drilling spent 10 hours clearing out the trails from Wellgreen to the Arch property and the major trails on the Arch property.

### Rock and Soil Geochemistry

On June 7 and June 8, 2005, John McGoran assisted by Dave Jarorsky, prospected and sampled in the vicinity of the SP showing in an attempt to locate a possible 'bsb' zone. During 2004 and 2005 three parallel or sub parallel zones of 'bsb' have been located on the adjoining Wellgren property. 'bsb' zones are narrow (0.3 to 2 metres wide) and consist of mud to fine-grained siderite with elevated precious metals and high iron values. (See sample JW047 and JW041 collected from the Discovery zone at Wellgreen).

One similar appearing zone with a strike of 310° and a dip of 80° N to 80° S was sampled. This zone occurs 4 to 6 metres east of the massive sulphides uncovered during 2001 trenching. The UTM location is 0574577 E, 6817193 N ± 9 metres.

Two samples were collected from this zone, JA102 was a chip sample across 1.2 metres. JA101 was a 10 kg sample collected along the shear zone, for location see Figure 3.

In an area which appeared to have material similar to 'bsb' soil samples were collected from the B horizon and combined B and C horizons, soil samples A103 to A111 were collected at 5 metre intervals (Figure 3).

On August 28 and 29, 2005 the writer soil sampled and prospected north from a pond on the Barny 14 claim following a geochemical trend from an old Archer Cathro report see figure 4. The planned traverse was changed due to the occurrence of a large debris flow just west of a small creek. This debris flow is in excess of 100 years old and could have been the cause of a boulder field from BOW 2 +00 S to BOW 2 +90 S.

## **Discussion**

Good values of platinum and palladium were located in a 'bsb' zone near the SP showing. (sample JA101 and 102) Results from soil sampling A103 to A111 were marginally anomalous as were the results from soil sampling on the Barny 14 claim.

## **Recommendations**

Further prospecting, geophysics as well as soil and rock geochemistry followed by trenching and drilling, is recommended in this area.

John McGoran, B.Sc. P.Geo.

## 2005 Expenditures

Transportation and Analysis of samples, see Appendix B base and precious metals	651.00
D7 Cat, mob and demob, 10 hrs at \$130/hr August 27 and 28, 2005	1,300.00
Pro-rated operator, travel etc.	296.26
E. Caron Diamond Drilling Ltd. 7 Roundel Road, Yukon Y1A 3H3	
John McGoran 4 days at \$450/day	1,800.00
D. Javorsky 2 days at \$350/day	700
Food and accommodation, transportation	1,312
Report preparation expenditures	1,200
Total expenditures	<u>7,259.26</u>
2005 Javorsky report – see appendix	<u>12,197.72</u>
Total of combined reports	<u>19,456.98</u>

## **Certificate John P. McGoran B.Sc. P.Geo.**

I, John P. McGoran, B.Sc., P.Geo. hereby certify that:

I am a Professional Geoscientist residing at 1985 Creelman Avenue, Vancouver, B.C., with my office at Suite 206 - 837 West Hastings Street, Vancouver, B.C. Telephone (604) 684-4653.

I graduated from Carleton University, Ottawa, Ontario in 1972 with a Bachelors Degree in Science (B.Sc.), in the field of Geology.

I have practised my profession as a Geologist for the past 31 years since graduation, in the fields of Mining Exploration, Oil and Gas Exploration and Geological Consulting.

I have worked in Canada , the United States or America, in Mexico, the Philippines, Australia, Ireland, Scotland and Spain.

I am registered as a Professional Geoscientist (P.Geo.) number 19472 in the Province of British Columbia. I am a member of the Canadian Institute of Mining and Society for Mining, Metallurgy and Exploration.

I have based this report on a review of data for the Geordie Lake property and a property inspection completed on November 16, 2003.


I am an officer , director and a shareholder of Northern Platinum Ltd.

Dated at Vancouver B.C. this 30th day of January 2005.

respectfully submitted

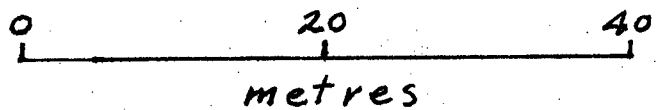
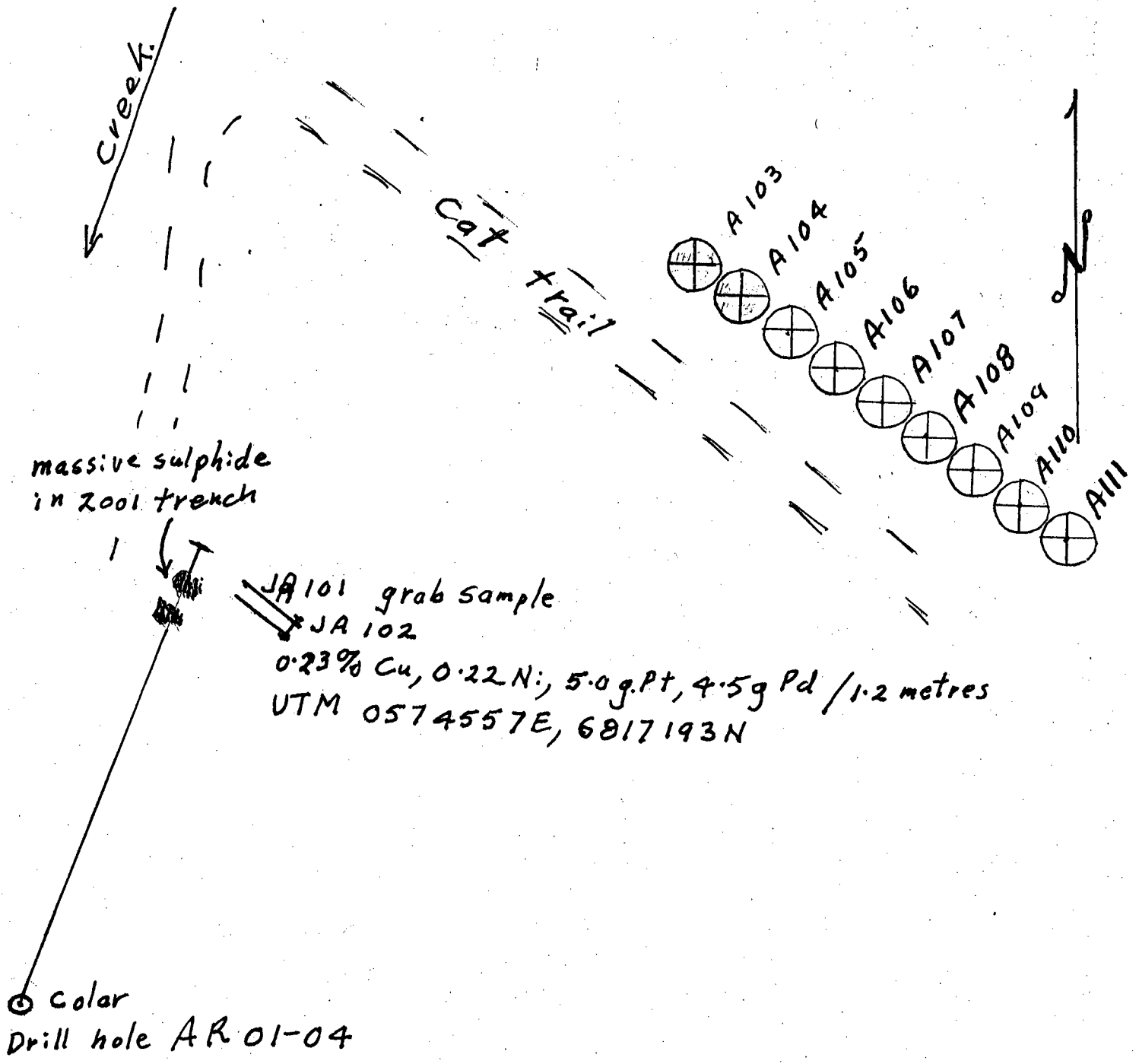
John P. McGoran, B.Sc., P.Geo.

per:



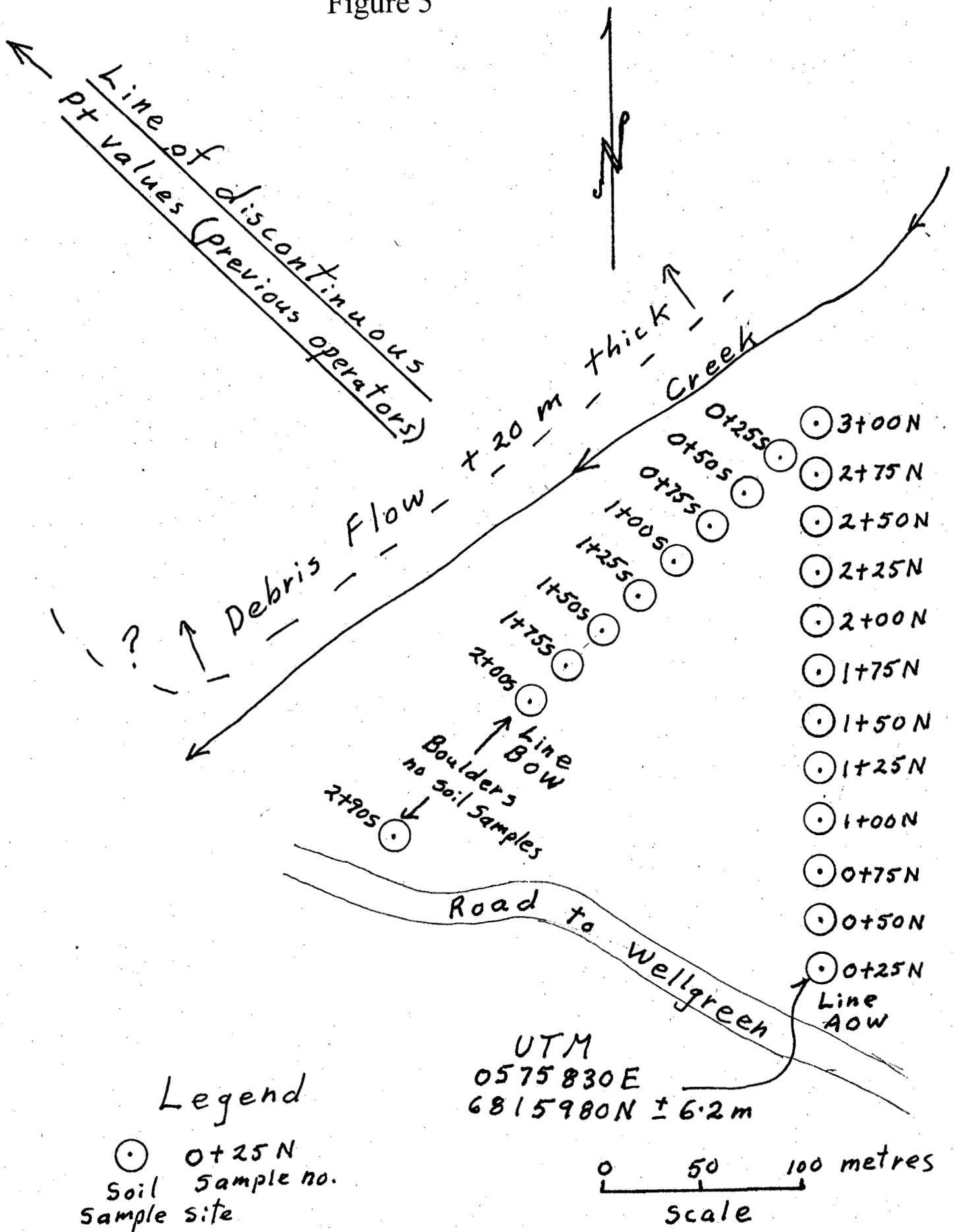
John P. McGoran,  
Consulting Geologist

Figure 4



LEGEND  
⊕ A103 sample number  
⊕ soil sample site

Figure 5



## **Appendix A - Analytical Results**



GEOCHEMICAL ANALYSIS CERTIFICATE

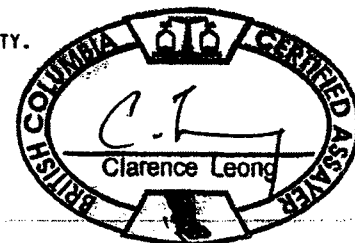


Northern Platinum File # A502524 Page 1  
206 - 837 W. Hastings St., Vancouver BC V6C 1B6 Submitted by: John McGeran

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	ppb	ppb
1656	19	7365	46	219	35.2	1645	77	574	24.23	745	8	<2	2	24	1.7	26	20	102	.51	.041	27	175	.69	222	.04	<3	1.30	.02	.07	3	3609	28056	19737
1657	21	7170	44	210	51.5	1674	66	487	27.51	527	<8	<2	3	20	3.2	33	18	107	.45	.031	21	173	.50	156	.04	4	1.03	.01	.05	2	5454	44517	30035
1658	22	>10000	75	145	46.4	1864	55	188	34.61	1134	9	<2	<2	21	2.0	36	29	69	.52	<.001	17	129	.15	203	.02	<3	1.93	.01	.03	7	1899	29316	29097
1660	3	354	16	129	1.9	308	36	572	4.09	40	<8	<2	<2	34	1.1	3	<3	61	.70	.089	11	109	1.17	222	.05	7	1.34	.02	.08	<2	50	216	174
1661	3	1691	54	257	36.3	1592	100	645	5.23	617	<8	<2	2	46	1.9	42	<3	75	.90	.083	24	152	1.40	846	.05	15	1.88	.02	.09	3	49	135	288
1663	4	701	51	340	1.2	433	50	1013	5.07	111	<8	<2	<2	39	1.9	<3	<3	81	1.30	.094	28	83	1.30	227	.04	<3	2.00	.02	.10	<2	66	228	223
1664	3	305	28	173	.6	331	42	777	3.62	51	<8	<2	<2	49	.9	3	<3	56	1.42	.105	15	72	1.11	194	.04	8	1.44	.01	.11	<2	41	95	98
1665	2	398	44	194	.5	460	56	956	3.99	74	<8	<2	<2	44	1.9	<3	<3	63	1.20	.098	23	76	1.15	196	.04	6	1.59	.01	.10	<2	31	90	113
1666	4	364	43	239	<.3	484	61	988	4.92	86	<8	<2	<2	31	1.0	<3	<3	84	.68	.084	19	81	1.23	192	.05	6	1.91	.02	.13	<2	16	50	48
1667	8	8221	41	140	3.9	1855	154	735	13.73	65	<8	<2	3	30	1.0	<3	<3	94	.41	.099	17	380	1.51	202	.09	9	2.01	.03	.12	4	155	817	1266
1668	5	>10000	1010	404	2.7	7362	300	1251	20.38	761	<8	<2	3	32	5.1	15	<3	102	.59	.058	43	369	.94	237	.07	18	2.50	.02	.08	5	414	307	940
1669	6	2152	41	172	.9	1046	77	940	7.55	70	<8	<2	2	37	.6	<3	<3	85	.78	.108	23	197	1.42	536	.06	3	1.91	.02	.10	<2	72	391	467
1670	2	178	8	99	<.3	202	29	516	4.65	24	<8	<2	<2	58	.7	<3	<3	81	1.40	.080	10	118	1.79	82	.07	27	1.95	.02	.06	<2	14	22	43
1672	2	285	5	75	<.3	647	73	1137	4.74	16	<8	<2	2	30	.5	<3	<3	69	1.15	.043	10	297	4.33	72	.05	45	1.89	.02	.08	<2	12	25	49
1674	3	244	10	73	.3	575	60	769	4.32	11	<8	<2	2	37	<.5	<3	<3	61	.95	.061	10	238	3.30	99	.08	28	1.77	.02	.12	2	3	22	43
1676	1	661	16	124	.7	1225	83	919	5.84	74	<8	<2	2	56	<.5	<3	<3	85	2.66	.068	12	296	3.40	226	.07	92	2.00	.02	.05	4	38	72	89
1677	2	225	9	77	<.3	506	49	615	3.73	13	<8	<2	<2	67	.7	<3	<3	54	1.21	.068	8	166	2.64	90	.07	32	1.57	.02	.08	2	4	42	49
1685	15	3658	182	86	59.2	1197	11	113	31.42	46	<8	3	<2	43	<.5	<3	16	151	.07	.040	3	510	.10	125	.12	<3	.50	.04	.14	<2	6798	44658	43761
RE 1685	14	3710	181	93	62.4	1226	9	106	32.02	50	<8	3	<2	44	<.5	<3	6	152	.06	.039	4	521	.07	130	.12	<3	.50	.05	.14	<2	7416	44694	43452
1694	17	847	421	53	>100	518	5	87	22.31	756	<8	2	<2	65	<.5	17	18	90	.06	.009	3	206	.03	132	.10	<3	.09	.21	.55	<2	16	103	154
1695	21	241	509	44	>100	129	3	55	8.97	195	<8	10	2	59	<.5	32	18	26	.02	.004	1	263	.01	111	.11	5	<.01	.15	.64	<2	7923	63777	97566
1697	17	1246	215	83	>100	715	7	124	25.50	713	<8	2	<2	38	<.5	12	<3	92	.07	.018	3	378	.06	154	.08	<3	.13	.11	.26	<2	6404	50739	85275
JA101	32	3461	6	96	10.0	5839	286	166	38.26	27	18	<2	<2	4	<.5	<3	<3	56	1.67	.004	5	481	.17	10	.09	16	.92	.01	.02	2	678	6042	6635
JA102	19	2351	16	62	3.3	2249	40	88	38.63	5	<8	<2	<2	2	<.5	<3	<3	53	.51	.004	1	447	.04	9	.07	<3	.62	<.01	.02	<2	457	4974	4539
JW006	15	7199	39	116	50.7	934	37	120	38.94	236	<8	<2	<2	8	<.5	55	24	221	.08	.034	6	205	.29	201	.06	<3	.48	.01	.06	3	3321	33453	36834
JW009	5	3273	30	114	6.4	1150	75	683	16.41	71	<8	<2	2	26	<.5	<3	<3	112	.66	.085	17	450	1.06	138	.06	6	1.60	.01	.10	<2	494	2913	4592
JW010	5	3008	38	93	5.1	963	31	424	22.71	44	<8	<2	2	20	<.5	<3	<3	146	.60	.075	11	1080	1.04	112	.11	7	1.48	.01	.06	<2	378	1829	3648
JW012	13	4714	76	73	38.7	2180	55	212	30.11	70	<8	<2	<2	28	<.5	<3	<3	142	.32	.054	8	674	.38	182	.12	<3	1.00	.06	.16	<2	1296	17808	28212
JW017	5	3718	25	100	4.4	2366	144	814	10.99	51	<8	2	5	26	1.0	3	<3	103	.61	.084	13	652	2.77	121	.12	25	2.35	.02	.07	3	173	1017	1286
JW017A	2	3315	26	105	2.6	2711	160	944	9.13	45	<8	<2	4	28	.8	<3	<3	98	.64	.086	18	574	2.89	201	.11	32	2.34	.02	.07	<2	165	700	854
JW018	6	7618	28	121	3.8	7949	305	1029	13.02	53	<8	<2	4	24	1.5	4	<3	104	.55	.061	14	630	2.82	124	.10	33	2.39	.02	.06	<2	236	1195	1283
JW019	3	2887	24	128	2.2	1838	110	877	10.65	63	<8	2	3	27	1.3	<3	<3	93	.66	.076	17	384	2.21	105	.06	15	2.07	.02	.08	2	136	530	868
JW021	<1	817	8	69	.4	1413	141	1896	5.42	9	13	<2	2	32	<.5	<3	<3	45	5.58	.035	8	299	8.39	46	.05	133	1.35	.01	.04	3	38	47	105
JW022	1	401	10	101	.4	743	66	912	4.32	24	<8	<2	<2	100	<.5	<3	<3	51	4.55	.070	10	170	3.82	95	.05	49	1.40	.02	.06	<2	17	20	60
STANDARD DS6/FA-100S	12	126	28	141	<.3	24	10	696	2.85	20	<8	<2	3	39	5.3	5	4	54	.88	.080	14	184	.56	159	.07	17	1.90	.07	.15	3	46	47	51

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
- SAMPLE TYPE: Soil SS80 60C AU\*\* PT\*\* PD\*\* GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ds FA 4 DATE RECEIVED: JUN 9 2005 DATE REPORT MAILED: June 23/05





SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	ppb	ppb	
JW023	<1	892	9	158	.5	822	99	1720	4.62	11	<8	<2	<2	57	<.5	<3	<3	42	3.64	.051	8	155	7.00	77	.04	105	1.32	.01	.08	<2	76	14	32
JW024	2	373	7	76	.4	827	76	925	3.93	9	<8	<2	<2	35	<.5	<3	<3	49	1.37	.057	10	176	4.04	62	.06	48	1.33	.02	.06	<2	27	36	51
JW025	<1	1960	14	90	.9	3466	205	1206	10.13	51	<8	<2	2	17	<.5	4	<3	57	.63	.050	9	605	7.01	66	.07	35	1.51	.01	.08	<2	87	328	428
JW026	14	2992	184	491	3.5	8190	354	1412	12.23	260	<8	<2	4	146	3.4	58	<3	141	8.36	.047	27	222	1.11	126	.04	6	2.12	.01	.06	<2	136	228	629
JW028	6	3319	39	197	3.6	3489	245	1398	9.30	369	14	<2	3	29	1.2	24	<3	138	.67	.083	19	244	1.76	144	.10	30	2.37	.02	.08	<2	232	729	1189
JW029	<1	8013	13	78	3.0	>10000	523	1758	14.51	201	<8	<2	3	29	<.5	13	<3	138	.87	.038	11	1267	4.54	54	.12	10	3.66	.01	.03	<2	326	888	2424
JW030	3	200	20	364	.4	380	42	818	3.99	49	<8	<2	<2	39	2.0	3	<3	86	.99	.100	19	78	1.18	322	.05	<3	1.77	.02	.09	<2	28	61	95
JW031	3	196	15	361	.4	364	41	781	3.84	39	<8	<2	2	42	1.7	3	<3	84	1.10	.108	17	84	1.20	307	.05	<3	1.69	.02	.08	<2	24	57	75
JW040	2	5199	26	67	7.1	2960	101	339	25.58	143	<8	<2	3	32	<.5	<3	<3	159	.28	.037	5	1731	1.39	173	.13	<3	2.14	.02	.04	<2	239	1938	3164
JW041	14	997	23	6	20.6	205	6	21	8.81	388	<8	6	<2	14	.6	27	8	15	.03	.003	<1	142	.02	249	.07	<3	.07	.02	.04	<2	6519	63435	60931
JW043	4	5208	19	42	11.8	4294	112	337	33.09	1000	<8	<2	3	23	<.5	9	10	162	.26	.040	7	1884	.71	125	.09	5	1.16	.01	.05	<2	551	3591	6136
RE JW043	6	5230	30	42	11.7	4352	111	338	33.37	1011	<8	<2	3	24	<.5	4	8	163	.25	.040	7	1900	.70	133	.10	<3	1.13	.02	.05	<2	-	-	-
JW044	7	4369	22	46	9.6	4614	131	193	38.70	1844	12	<2	2	30	<.5	4	13	177	.13	.039	7	1446	.41	68	.05	<3	.88	.02	.04	<2	317	3684	6488
JW045	3	3380	25	165	2.1	3465	163	902	12.78	365	<8	<2	3	27	.9	7	<3	126	.53	.168	19	136	1.16	183	.03	<3	2.23	.01	.08	<2	100	90	178
JW046	5	1317	16	240	.6	1734	107	943	8.12	307	<8	<2	4	18	.6	12	<3	126	.54	.106	18	77	1.17	90	.02	<3	1.85	.01	.07	<2	63	51	81
JW047	28	1458	346	63	>100	637	7	82	29.79	855	<8	<2	3	96	<.5	31	31	131	.07	.016	3	404	.03	201	.10	<3	.09	.19	.54	<2	3592	28237	50270
JW115-05	5	3522	91	510	6.4	3051	89	557	19.09	192	<8	<2	<2	27	1.5	5	<3	131	.53	.050	12	324	1.99	331	.08	<3	1.52	.04	.12	<2	798	5235	6879
JW116-05	12	>10000	4	459	.5	8174	304	1169	8.57	81	<8	<2	2	66	1.1	<3	5	114	5.39	.080	39	43	1.46	86	.01	<3	2.55	.01	.20	<2	22	24	68
3+95S	<1	2477	6	105	1.1	5704	338	1510	12.21	5	<8	<2	<2	4	<.5	<3	4	26	.47	.011	2	843	13.12	54	.05	58	1.68	.01	.06	<2	111	947	836
4+00S	<1	2652	<3	109	.5	5432	348	1487	11.89	<2	<8	<2	<2	4	<.5	<3	<3	27	.46	.016	3	781	13.01	48	.05	54	1.34	<.01	.04	<2	87	818	495
4+05S	<1	2357	6	112	.6	4997	324	1450	12.43	5	<8	<2	<2	9	<.5	<3	<3	34	.51	.027	4	692	11.49	64	.06	44	1.50	<.01	.06	2	98	729	510
A103	1	179	16	102	.9	608	58	910	4.91	16	<8	<2	4	22	<.5	<3	3	79	.94	.065	19	226	3.81	101	.08	4	2.04	.01	.09	2	12	25	48
A104	1	156	9	96	.5	535	82	937	4.06	13	<8	<2	2	27	<.5	<3	<3	67	.96	.066	17	180	3.01	114	.07	<3	1.81	.02	.07	<2	16	10	31
A105	<1	166	16	87	.6	602	50	752	4.54	10	<8	<2	3	20	.5	<3	<3	71	.72	.057	17	201	3.54	80	.08	<3	1.93	.02	.07	<2	24	18	23
A106	<1	190	18	109	.6	540	52	760	4.02	11	<8	<2	3	30	<.5	<3	4	80	1.11	.061	16	160	2.23	103	.09	<3	2.05	.02	.08	<2	18	10	23
A107	1	214	18	108	.5	601	52	795	3.75	11	<8	<2	3	31	.7	<3	<3	68	1.36	.072	15	157	2.43	106	.07	<3	1.84	.02	.07	<2	30	11	22
A108	1	261	13	114	.6	874	70	792	3.81	9	<8	<2	2	35	<.5	<3	<3	70	1.20	.066	15	165	2.38	117	.08	<3	1.84	.02	.08	<2	20	22	37
A109	1	212	15	122	.9	623	44	775	3.23	13	<8	<2	2	37	<.5	<3	<3	65	1.58	.075	14	112	1.52	121	.06	<3	1.64	.02	.07	<2	15	9	15
A110	2	167	13	116	.8	479	39	786	3.22	12	<8	<2	2	35	.6	<3	3	66	1.44	.075	14	120	1.59	118	.06	<3	1.68	.03	.07	<2	15	8	16
A111	1	156	13	87	<.3	391	32	816	2.62	6	<8	<2	<2	30	<.5	<3	<3	51	1.15	.067	12	96	1.32	100	.06	<3	1.42	.02	.06	<2	9	3	16
STANDARD	12	122	29	141	.4	25	11	722	2.94	21	<8	<2	3	41	6.4	5	5	58	.87	.082	15	187	.62	163	.08	16	1.92	.07	.16	4	54	47	49

Standard is STANDARD DS6/FA-100S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



Northern Platinum File # A505279

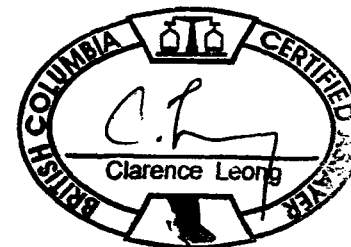
206 - 837 W. Hastings St., Vancouver BC V6C 1B6 Submitted by: John McGoran

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	ppb	ppb
G-1	2	2	<3	46	<.3	6	4	603	1.95	<2	<8	<2	4	54	<.5	<3	<3	39	.45	.074	6	74	.69	209	.13	<3	1.00	.05	.51	<2	<2	4	2
AOW 3+00N	1	61	7	72	.7	58	15	577	2.56	17	<8	<2	<2	38	<.5	<3	<3	52	1.58	.068	8	78	1.09	98	.05	<3	1.44	.02	.06	<2	15	16	8
AOW 2+75N	2	44	11	69	.3	40	13	481	2.85	17	<8	<2	<2	32	<.5	<3	<3	63	1.16	.062	6	53	.81	89	.07	<3	1.38	.02	.06	<2	5	14	12
AOW 2+50N	<1	61	18	82	.6	87	21	731	3.71	34	<8	<2	<2	27	<.5	<3	<3	75	.72	.044	8	127	1.52	77	.07	<3	1.80	.02	.07	<2	12	4	<2
AOW 2+25N	1	40	10	48	.5	28	10	398	2.13	13	<8	<2	<2	26	<.5	3	<3	42	.44	.056	8	41	.54	100	.04	<3	1.33	.03	.03	<2	4	4	<2
AOW 2+00N	1	30	<3	46	.4	16	9	289	2.18	8	<8	<2	2	25	<.5	<3	<3	55	.43	.056	7	25	.40	80	.07	4	1.03	.03	.05	<2	6	6	<2
AOW 1+75N	<1	24	4	29	.8	10	7	159	2.20	5	<8	<2	2	22	<.5	<3	<3	59	.41	.072	6	15	.27	73	.08	5	.79	.03	.05	<2	<2	<2	12
AOW 1+50N	2	67	16	78	.5	70	18	585	3.99	34	<8	<2	<2	25	<.5	<3	<3	82	.48	.047	11	98	1.25	97	.06	<3	2.08	.02	.07	<2	12	<2	6
AOW 1+25N	2	74	6	63	.7	45	12	357	2.80	15	<8	<2	<2	29	<.5	<3	<3	64	1.08	.064	12	52	.76	75	.07	3	1.29	.03	.07	<2	9	9	8
RE AOW 1+50N	3	68	16	78	.9	71	19	581	3.96	35	<8	<2	2	25	<.5	<3	3	81	.47	.047	11	97	1.26	96	.06	4	2.07	.02	.06	<2	15	12	8
AOW 1+00N	1	78	11	67	.6	77	15	712	2.57	18	<8	<2	<2	25	<.5	<3	3	56	.78	.053	10	97	1.15	98	.05	<3	1.49	.03	.07	<2	13	13	12
AOW 0+75N	1	24	4	59	<.3	15	9	377	2.35	4	<8	<2	<2	32	<.5	<3	<3	65	.77	.060	5	23	.36	101	.07	<3	.79	.03	.05	<2	9	2	<2
AOW 0+50N	3	48	13	49	.4	22	12	491	2.67	7	10	<2	<2	35	<.5	<3	<3	67	.77	.074	9	27	.48	125	.07	<3	1.25	.03	.04	<2	2	<2	<2
AOW 0+25N	1	77	12	91	.6	76	20	787	3.65	15	<8	<2	2	37	.5	<3	<3	84	.92	.069	8	116	1.77	257	.11	12	1.87	.02	.09	<2	12	7	7
BOW 0+25S	3	49	12	69	.7	62	16	547	3.13	19	<8	<2	2	30	<.5	<3	<3	70	.90	.062	6	82	1.22	84	.07	3	1.54	.02	.07	<2	2	<2	<2
BOW 0+50S	2	35	8	86	.9	39	15	448	2.94	12	<8	<2	2	29	<.5	<3	<3	72	.79	.062	7	46	.76	73	.09	9	1.13	.03	.06	<2	12	9	2
BOW 0+75S	1	42	9	68	<.3	38	11	536	2.34	6	<8	<2	<2	30	<.5	<3	<3	61	1.03	.072	6	49	.73	77	.07	<3	.98	.03	.05	<2	4	4	7
BOW 1+00S	3	42	6	67	1.0	27	9	261	3.13	9	<8	<2	3	24	<.5	6	5	89	.85	.040	5	38	.55	61	.11	10	.82	.03	.04	<2	3	4	3
BOW 1+25S	1	48	6	78	.8	49	13	554	2.34	14	9	<2	<2	42	<.5	4	<3	49	1.47	.072	9	66	.90	96	.05	5	1.32	.03	.06	<2	3	<2	<2
BOW 1+50S	2	66	16	114	.8	84	24	959	3.98	35	<8	<2	<2	30	.7	<3	<3	89	1.12	.056	7	152	1.96	63	.09	<3	2.02	.01	.06	<2	26	6	13
BOW 1+75S	2	67	13	83	1.1	81	22	884	3.86	39	<8	<2	<2	28	<.5	4	5	83	1.10	.047	8	139	1.78	81	.09	4	1.90	.02	.08	<2	22	7	6
BOW 2+00S	2	78	21	113	1.2	84	25	1088	4.05	42	22	<2	2	26	<.5	8	4	88	1.05	.064	9	147	1.87	69	.09	12	2.01	.02	.08	<2	32	<2	<2
BOW 2+90S	2	80	16	98	1.3	93	27	1118	4.41	38	16	<2	2	25	<.5	5	10	97	.66	.064	9	157	2.11	76	.11	13	2.15	.02	.08	<2	24	3	6
STANDARD DS6/FA-100S	10	121	28	141	.5	24	10	739	2.90	21	<8	<2	3	41	5.7	3	5	59	.87	.076	12	178	.63	146	.08	16	1.91	.07	.14	2	50	47	48

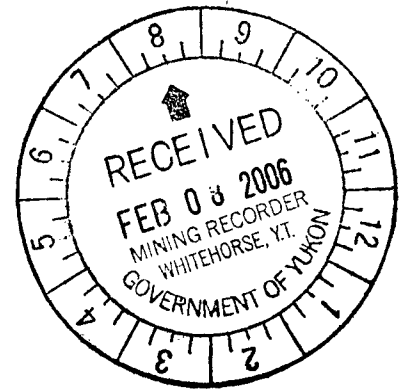
GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
AU\*\* PT\*\* & PD\*\* GROUP 3B - 10.00 GM SAMPLE ANALYSIS BY FA/ICP.  
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA     

DATE RECEIVED: AUG 31 2005 DATE REPORT MAILED: Sept 21/05



**Prospecting Report  
On the  
Arch Joint Venture Claims**



**Barney 1 to 50 Quartz Claims  
Mus 5, 6, 12, 14 and 16 Claims**

Located NTS 115 G5  
61° 29' North Latitude, 139° 36' West Longitude  
South West Yukon Territory, Canada  
Within the Whitehorse Mining District

Work Performed on Behalf of  
Northern Platinum Ltd.  
206 - 837 West Hastings Street  
Vancouver, BC  
V6C 3N6 Canada  
604-669-2066

Work done during August 2005

By  
David Javorsky, Prospector  
Rm. 818 - 470 Granville Street  
Vancouver, BC  
V6C 1V5 Canada

Dated December 26, 2005

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## Introduction

In the summer of 2005, a contract was negotiated by Northern Platinum Ltd. with David Javorsky to prospect their ARCH group of Quartz claims.

Work on the claims was performed from the 6<sup>th</sup> of August through the 23<sup>rd</sup> of August 2005. August 4<sup>th</sup>, 5<sup>th</sup>, 24<sup>th</sup> and 25<sup>th</sup> were spent on transportation of equipment and personnel to and from the property.

The Arch Group consists of Barny 1 to 50 quartz claims and the Mus 5, 6, 12, 14 and 16 quartz claims.

Two geologists; Dr. Mikkel Schau and Mr. John McGoran B.Sc. P.Geo., spent time prospecting and mapping geology during this time. Also able assistance was supplied by Journeyman Miner Mr. Paul Wray. They, along with the room and board were supplied by Northern Platinum Ltd.

A Self-Potential unit and a Beep Mat were used. The S.P. – Self Potential unit worked well on the sulphide showings. The Beep Mat worked well on both shallow conductors, (potential sulphides) and rocks with high magnetic differential.

There appears to be very specific zonation to the ultra basic rock. The zonation can be followed on the surface by both geochemistry and geophysics even though it is covered by overburden such as muskeg.

## Prospecting Notes:

A long road cut east of a small lake on the east side of the Arch Group at GPS (07N); UTM 0 576 258E, 6 815 556N.

**Sample 170310**, blackish fine grained rock in outcrop in road cut., weathers brownish, with small silver metallics. Also a surface coating of white rust (like a carbonate) with small quartz calcite veins. Low values.

Float in creek bed, black basic rock with silver metallics forming net texture. GPS 0 576 813E, 6 815 471N, traced up to the fork in the creek bed.

**Sample 170311** 4,557 ppm copper, 2,081 ppm nickle, and 82 ppb platinum.

**Sample 170318** is from the west fork of stream bed 20 meters up stream from the junction which is at GPG 0576813E, 6815471N. It produced low values.

Back again the next day. Prospecting up the west fork of the creek, not much found.

**Sample 170318** is silt from the stream bed. It produced low values.

**Sample 170319** is silt from the stream bed of the east fork of this creek. Top end of Arch Creek, 801 ppm copper, 1,050 ppm nickle, 127 ppb platinum. These values are twice that found in the west fork of the creek. Of note, the east fork of the creek drains from the high grade platinum showing on the Wellgreen property. The location is in a canyon about 35 meters up stream from the river forks at GPS 0576813E, 6815471N.

**Sample 170320** is a silt sample above the road and heading towards the Airways showing. This sample is probably flawed - no bedrock, deep moraine gravel. Low values, GPS 0 574 794E, 6 816 928N.

**Sample 170321**, a silt sample taken from a dry creek bed where it crosses under the road at GPS 0 574 293E, 6 816 905N. Hiked up the dry bed to get a better sample about 60 meters from the road. 826 ppm copper, 1,211 ppm nickle and 88 ppb platinum.

**Sample 170322**, a silt sample taken from a dry creek bed at GPS 0 572 467E, 6 817 497N. Lots of glacial moraine. There are old placer workings close by. which the silt does not reflect. Low values, 18 ppb gold, 38 ppb platinum.

**Sample 170323**, upper side of the road, just below the creek. A silt sample close to old placer workings at GPS 0 571 538E, 6 818 061N. It looks like the valley has been filled with a moraine and unless you're in the reworked old channel in the valley bottom you're not going to find any thing, even colours. 12 ppb platinum, 9 ppb gold.

**Sample 170324**, a silt sample. The creek comes out of a valley filled with a moraine. At GPS 0 572 158 E, 6 817 785N. Low values 7 ppb platinum, 10 ppb gold. The silts do not reflect the upstream geology once the creek passes through the perched moraines that run along the valley walls.

A survey line was started at the junction of the valley road and the road to the Airways and S.P. showing.

**Sample 170330** float, found at 6+20 meters up the Airways and S.P. road. Silver metallics less than 1% in a serpentinized greenish gabbro. 2,344 ppm copper, 2,887 ppm nickle, 375 ppb platinum, 730 ppb palladium, and 51 ppb gold. This float should be followed up with further prospecting.

**Sample 170331**, small quartz-calcite vein in brownish basic rock. Low values at 6+70 meters up Airways and S.P. road.

**Sample 170332**, a rusty zone in shales, chert, argillite? Very rusty, high sulphide-pyrite? Very leached with limestone rubble over the top. At GPS 0 574 594E,

6 817 242N. at 8+29 meters along line. The S.P. is 186mv. There is something happening here that deserves further prospecting along the limestone/mineralized sediment contact. Low values, 2.8% iron. Since I saw high sulphide in the rock, this sample may have been mixed up with something else. Iron value too low. Should be checked out again.

**Sample 170333** at 8+20 is a shear zone. Rock is similar to 170332. Better values though, 767 ppm copper, 16.46% iron. This is similar to what the iron should be for sample 170332. The S.P. is -22mv. Something is happening along this limestone/serpentine contact. It should be prospected further. The fractures cross the cat trench road at 8+12 up. The material is a rusty brown. Small zone 6 inches wide, very decomposed. GPS 0 574 596E, 6 817 229N.

**Sample 170325** Silt from creek above Airways and S.P. Showings. Above road GPS 0 574 592E, 6 817 323N. Low values for a silt sample - 22 ppb platinum.

**Sample 170326** silt from creek below the Airways and S.P. showing. Taken 5 meters down stream from GPS 0 574 525E, 6 817 239N. The values at this point reflect the Airways and S.P. showings that are directly above. 2,167 ppm copper, 2,557 ppm nickel, 342 ppb platinum, 550 palladium, 45 ppb gold, 9% iron, 158 ppm cobalt. Silt sampling does work.

**Sample 170334** Silt sample of talus in creek from below the Airways showing chalcopyrite, malachite, stained rusty, copper stain, very weathered. Only 200 ppm copper, so lots of rust doesn't always indicate mineralization. Area of silt 170326.

**Sample 170335** Black argillite with blebs of pyrite. Clastic texture. GPS 0 574 649E, 6 817 213N. This would probably line up with the mineralized shale at 8+25 on the line. There are round balls of sulphides in a banded laminated rock. Low values.

**Sample 170336** Blebs of sulphides in laminated argillite-shale, similar to sample 170335. GPS 0 574 648E, 6 817 229N. Similar low values.

**Sample 170337** Very rusty zone at GPS 0 574 445E, 6 817 353N. Decomposed black and orange rust mixed among ultrabasic rubble. DDH 88-03 was probably trying to intersect this material. The basic rock has a lumpy texture on the surface and has disseminated pyrite. 4,708 ppm copper, 5,516 ppm nickel, 35% iron, 2,252 ppb platinum, 3,614 ppb palladium, and 212 ppb cobalt. Probably an uphill continuation of Airways showing.

Went to S.P. showing with a Garrett metal detector. The metal detector should pick up sulphides in the gabbro which is south of the S.P. showing. (See 170053 below)

**Sample 170051** A 2 inch wide quartz vein coming from the S.P. showing at GPS 0 574 565E, 6 817 177N. 6,071 ppm copper, 2,266 ppm nickel, 241 ppb platinum, 1,014 ppb gold, and 423 ppb palladium.

**Sample 170052** Rusty boulder from below the S.P. showing at GPS 0 574 549E, 6 817 201N. Values are over 10,000 ppm copper, over 10,000 ppm nickle, 1,742 ppb platinum, 1,547 ppb palladium

**Sample 170053** A talus slope on the north side of the road. Very weathered in a siliceous rock. Bits and pieces of rusty talus. At GPS 0 574 195E, 6 817 429N. Some box work. Above Airways road, possible continuation of Airways showing. Values greater than 10,000 ppm copper, 2,800 ppm nickle, 2,456 ppb platinum, 1,896 ppb palladium. Did kick the metal detector.

**Sample 170054** West of the Airways showing on an upper cat trail to a rusty zone that is split by a fault or shear At GPS 0 574 260E, 6 817 477N. Silica rich rock with net texture. Values of 566 ppm copper, 1,818 ppm nickle, did not register on the metal detector.

**Sample 170055** From the same area as 17054. The gouge from the shear-fault zone. Sample of rusty decomposed material. Values of 2,336 ppm copper, 3,716 ppm nickle, 679 ppb platinum, 1,117 ppb palladium. Did not register on the metal detector. Zone is too small.

**Sample 170056** In upper road cut west of the Airways showing. Chalcopyrite, silica-calcite with copper stain at GPS 0 574 207E, 6 817 455N. Values greater than 10,000 ppm copper, 1,959 ppm nickle, 1,305 ppb platinum, 2,693 ppb palladium, 839 ppb gold. Possible continuation of the Airways showing. If so, there is considerable size to this showing.

**Sample 170057** Airways showing, massive sulphide, chalcopyrite, pentlandite, pyrrhotite, at GPS 0 574 507E, 6 817 249N. Rings the metal detector. Values greater than 10,000 ppm copper, greater than 10,000 ppm nickle, 960 ppb platinum, 1,302 ppb palladium.

**Sample 170058** Airways showing. One inch calcite vein with black mineral. Values of 2,492 ppm copper, 2,759 ppm nickle.

**Sample 170059** Traveling up the Amp road - go 10+45 meters to old exploration camp. Everything is broken down. This sample is from a siliceous, mineralized rusty zone about six meters to the south-west from the camp. Using the Beep Mat, high magnetic 1,055 counts. Values low 54 ppm copper, 11 ppm nickle.

**Sample 170060** Float in road cut at 65 meters to the south-west from the old camp. Very magnetic 2,046 counts on the Beep Mat. Black basic rock with small silver metalics. Values low, 15 ppm copper, 25 ppm nickle.

**Sample 170061** Using Beep Mat to locate the better part of sample 170060, higher magnetics. Heading towards drill hole about 060° with a dip of 45° into black shale. Values low, 18 ppm copper, 112 ppm nickle.

Four claim post were found on the Arch claims at GPS 0 575 225E, 6 816 485N. They were Post No. 1, Claim No Y10794, Post No 2, Claim No Y10791, Post No 1, Claim No Y10793, Post No 2, Claim No 10792.

Spent last day in Whitehorse in library looking up assessment reports on the area. Left Yukon.

**Sample 170062** up Amp Road at 8+92 up. Rock is brecciated and mineralized with sulphides. Very rusty, low values, 127 ppm copper, 112 ppm nickle.

**Sample 170063** up Amp Road at 6+21 up. Mineralized chert-grey with magnetics. Values are low, 175 ppm copper, 26 ppm nickle.

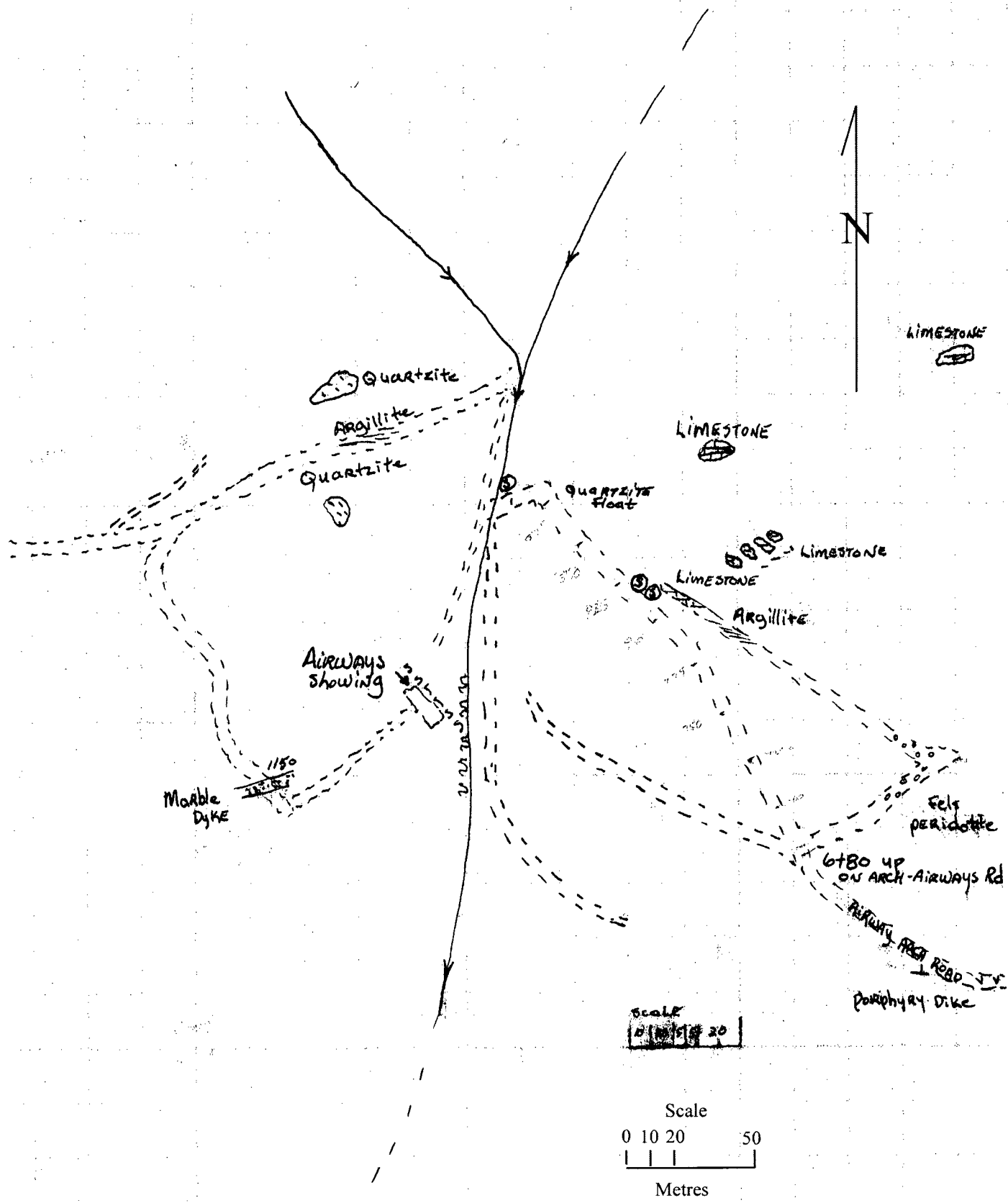
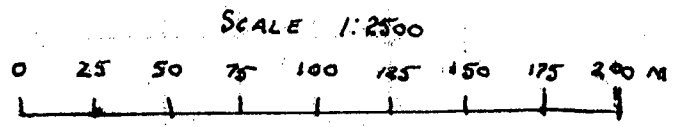


Figure  
DJ1

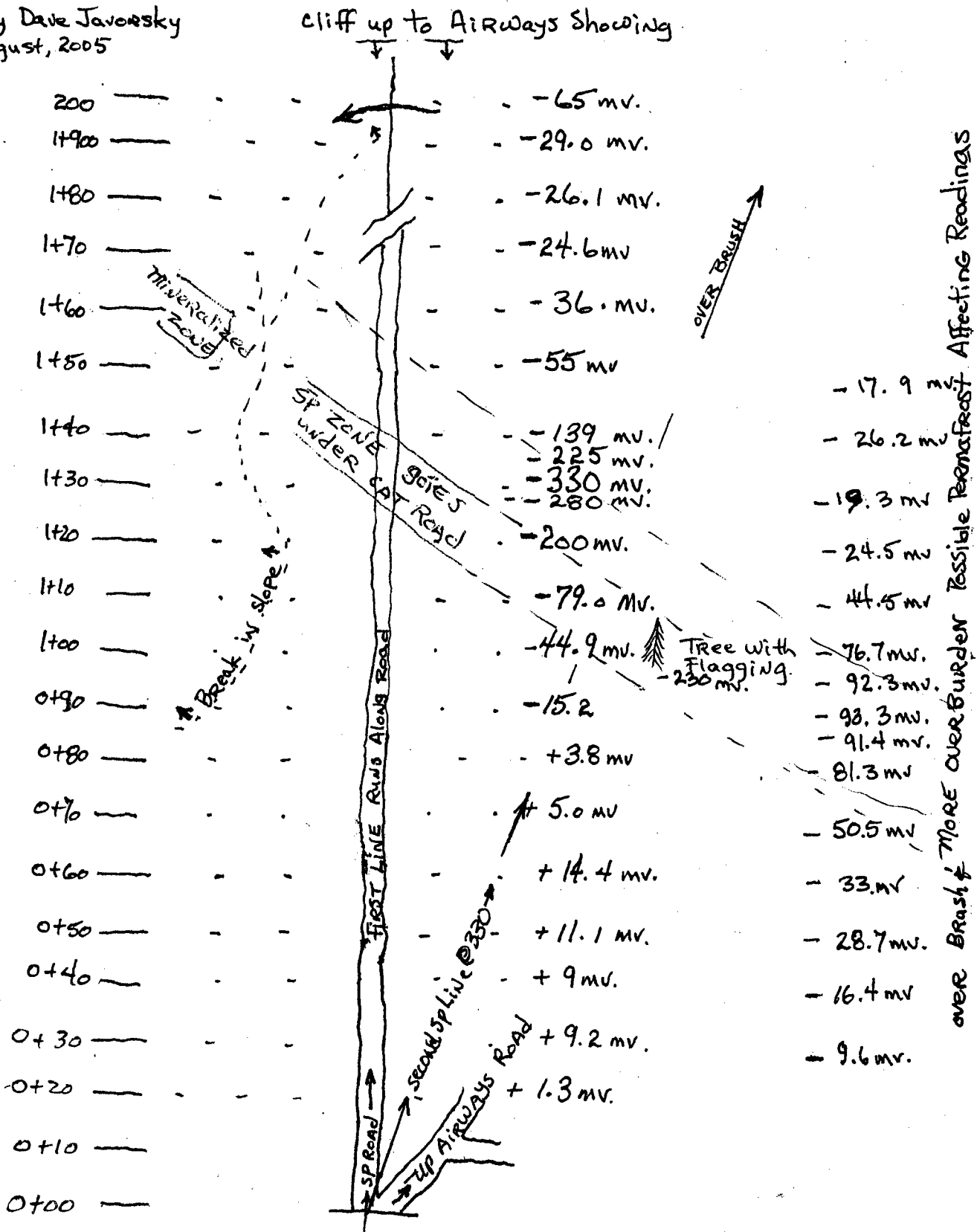


Airways Showing  
-300 mv.

# Self Potential Survey

Along SP Zone Access Road

Survey by Dave Javorsky  
15 & 16 August, 2005

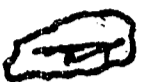


SCALE METERS

→ 10 ←

The S.P. Zone can be followed for about 100m before the overburden gets

SELF POTENTIAL COMPLICATION MAP  
 D. JAVORSKY S.P. OPERATOR AUGUST 2005  
 All Numbers in Millivolts.

LIMESTONE  


zite

LIMESTONE  


QUARTZITE  
 Float

LIMESTONE

LIMESTONE

Argillite

WATER

THIS LINE OVER BRUSH AND OVERBURDEN

MASSIVE SULFIDES IN OPEN CUT.

SPS

Peridotite

Peridotite

Fels  
 PERIDOTITE

6+80 UP ON ARCH-AIRWAYS Rd

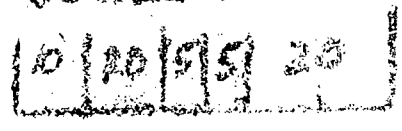
AIRWAY AREA ROAD

Porphyry Dike

-50. M.V. Counter Line

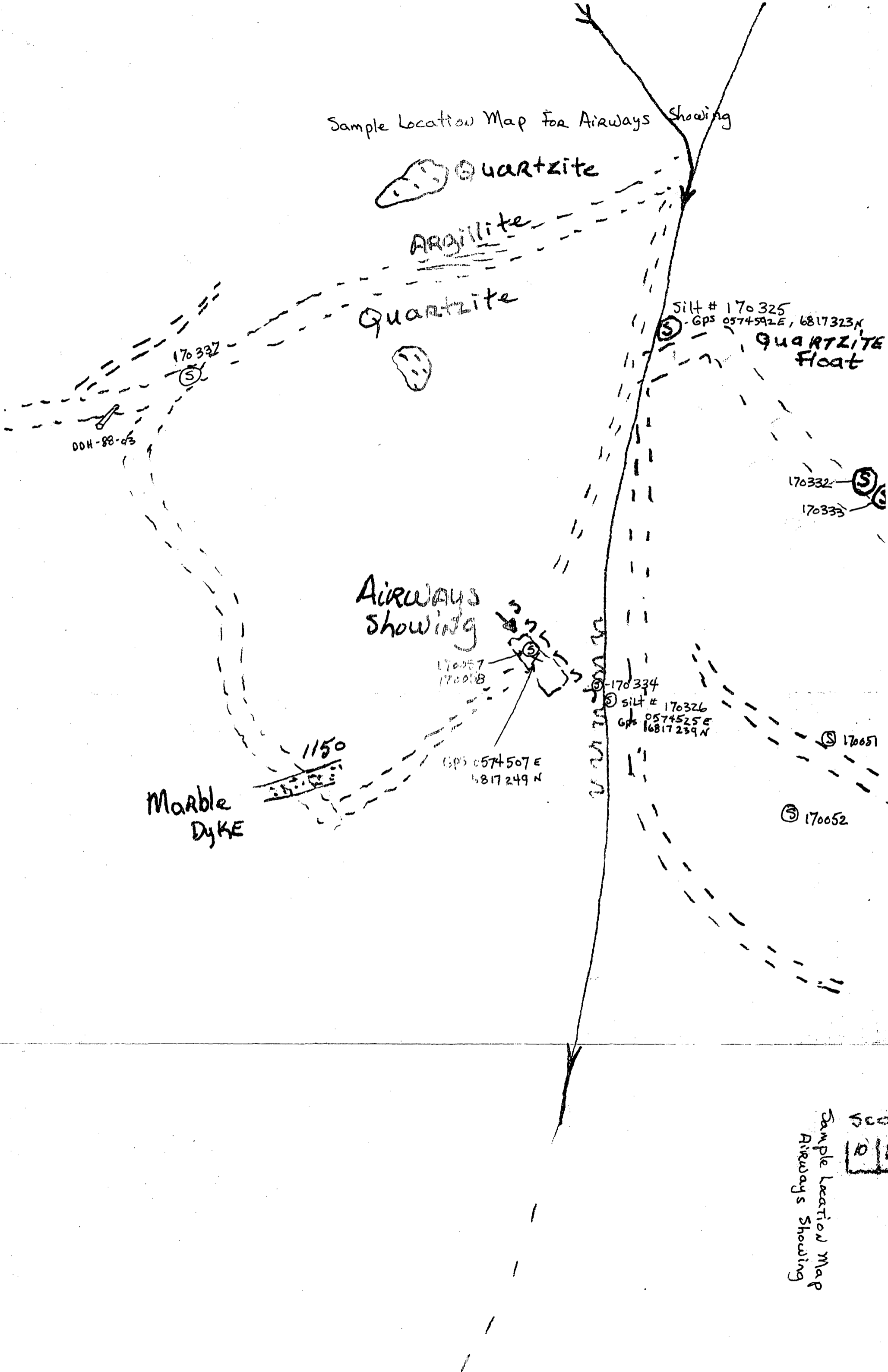
-47  
 -186  
 -23.3

SCALE in METERS



SELF POTENTIAL COMPLICATION MAP

Sample Location Map for Airways Showing



Silt # 170325  
GPS 0574592E, 6817323N

Quartzite Float

170332  
170333

Airways Showing

170057  
170058

GPS 0574507E  
6817249N

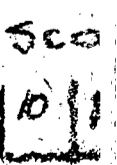
170334  
Silt # 170326  
GPS 0574525E  
6817239N

170051

170052

Marble Dyke

Sample Location Map  
Airways Showing



# Sample Location Map f.w. Showing

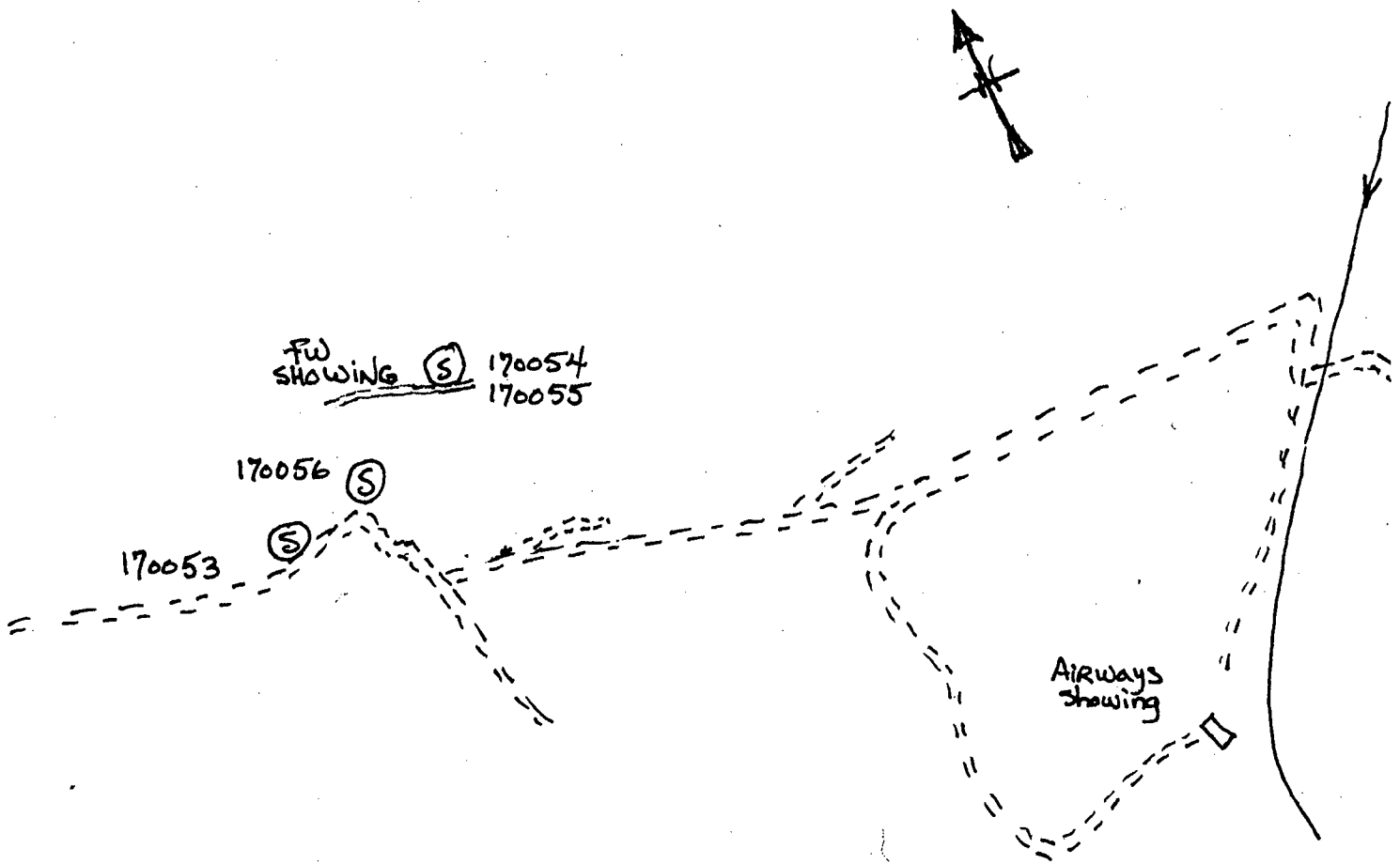
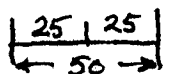


Figure  
DJ2

Scale in Meters



SAMPLE Location Map  
close to S.P. Showing

LIMESTONE  


LIMESTONE  


zite

Silt 170325

QUARTZITE  
float

LIMESTONE

LIMESTONE

Argillite

170335 + 170336

170332

170333

8+00

170334

170326  
silt

170051

170052

Fels  
peridotite

6780 up  
ON ARCH-AIRWAYS Rd

170331

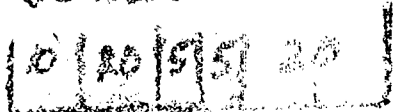
AIRWAY

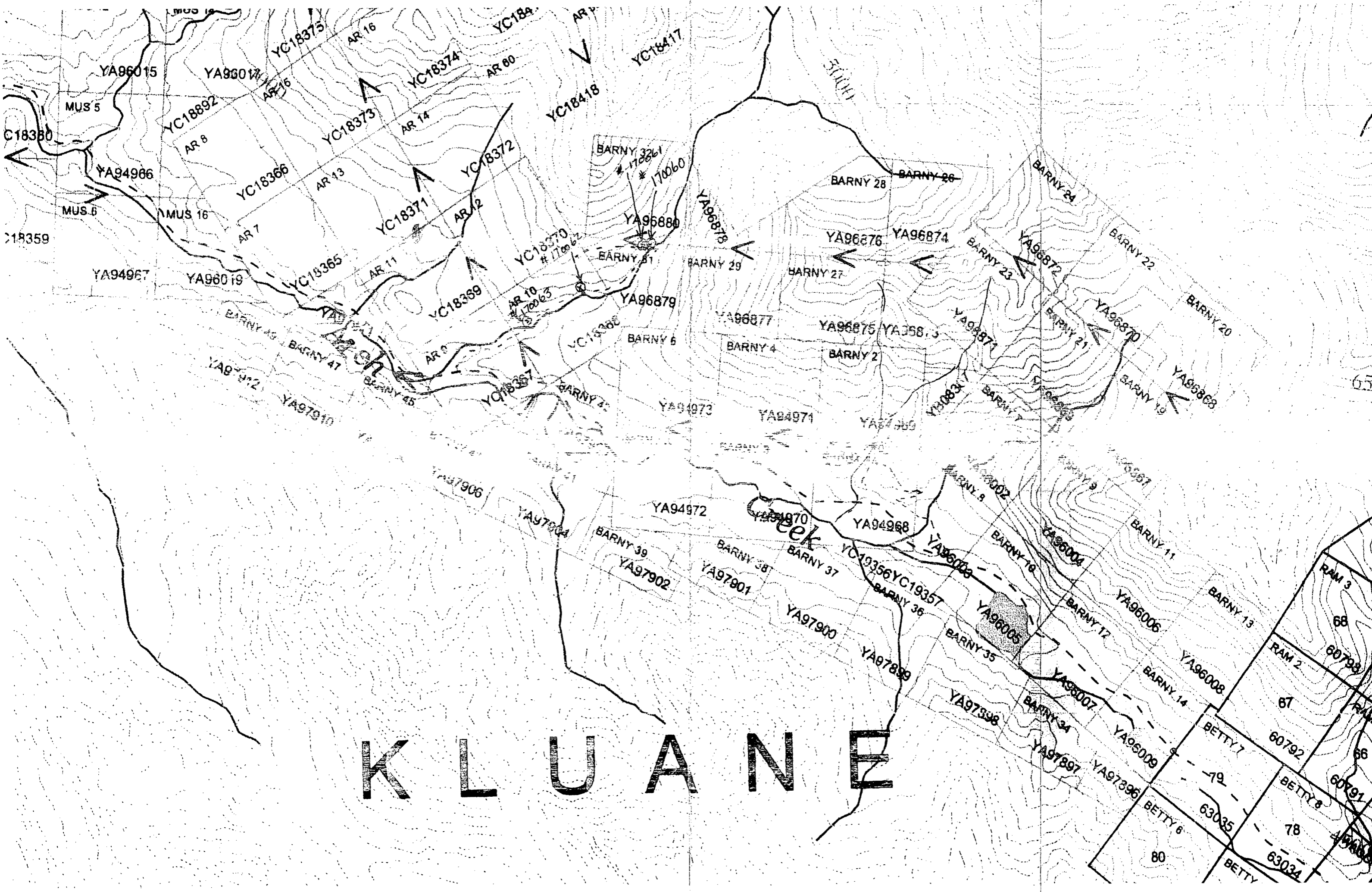
170330  
float

ARCH ROAD

Porphyry DiKE

SCALE





# KLUANE

# Beep Mat Survey up AMP ROAD

Going up the Amp. Road. Survey will start on a moraine on east side of the creek. GPS no good as mountains to south block the horizon.

D. Javorsky, Operator S.P.

	HFR	Mag	Mem	Rf.	
0+00	-221	-197	0	+	On Moraine
0+10	-168	-51	0	+	
0+29	-60	-50	0	+	Claim Post Old, No Tags.
0+50	-64	-50	0	+	
0+60	4300	-4100	0	+	Rock Float very magnetic.
1+00	-77	-62	0	+	still on gravel bench.
2+00	-59	-52	0	+	
3+00	-68	-43	0	+	it.
3+50	-49	-26	0	+	still on gravel.
4+00	-44	-19	0	+	
4+50	-65	-32	0	+	
4+96	-300	-111	0	+	Magnetic Black Sand in gravel
5+00	-22	-7	0	+	
5+50	-44	-20	0	+	
5+90	-22	-17	0	+	crossing creek to west side dry creek at this point.
6+24	-155	-102	0	+	Mineralized float cherty
6+50	-47	-34	0	+	
7+00	-44	-29	0	+	
7+50	-47	-36	0	+	
8+00	-48	-29	0	+	Mineralized Rock Rusty NO Responce.
8+92	-48	-32	0	+	
9+50	-44	-33	0	+	

# Beep Mat Survey up Amp Creek cont.

	HFR	Mag	Mem	Rt.	
10+00	-84	-71	0	+	
10+47	-70	-37	0	+	Site of old Exploration Camp.
10+65	-42	-38	0	+	End of Trail at creek.
up trail to S.W. to A showing from 10+47.					
0+00	-71	-37	0	+	
0+06	-106	-80	0	+	Mineralized Float Sample # 170059
0+16	-1104	-1055	0	+	Float Bolder
0+21	-223	-195	0	+	Magnetic Sand.
0+50	-118	-93	0	+	
0+67	-1165	-1114	0	+	
	-2046	-1800	0	+	Sample 170060
1+00	-67	-47	0	+	
1+06	-190	-130	0	+	Slightly Magnetic Rock.
1+50	-68	-51	0	+	
2+00	-53	-34	0	+	
2+50	-56	-38	0	+	
3+00	-51	-32	0	+	
3+50	-82	-64	0	+	
4+00	-190	-162	0	+	into A Basic greenish Black Rk.
4+50	-85	-57	0	+	Greenstone
5+00	-75	-46	0	+	
5+50	-107	-81	0	+	
6+00	-81	-52	0	+	
6+47	-70	-43	0	+	Drill Hole To End of Cat Trail.

## In Conclusion

The S.P. Showing can be traced for over 100 metres in an easterly direction from where it was first exposed.

The Self Potential method of geophysical surveys found the S.P. showing and it can follow the signature under the overburden and permafrost for at least 100 meters. The Self Potential method of prospecting works very well on this type of copper-nickle mineralization.

The Beep Mat also works well in locating magnetic and conductive mineralization.

The Garnett metal detector works well on smaller sulphide bearing rocks at close distances.

The Self Potential method will give you an indication when you are 50 to 75 meters away from this type of showing. The Beep Mat is much faster to use and will indicate magnetic and semi massive sulphides at two to five meters. The Garrett metal detector will be much more exact in quickly finding smaller bits of mineralization at up to two meters distance.

The massive sulphide mineralization appears to be close to the peridotite-sediment contact. The limestone in the sediments should be a good marker horizon with its very low magnetic signature compared to the peridotite and other basic rocks.

Running further Self Potential surveys along this sediment-peridotite contact should be a good prospecting tool.

A small excavator should be used to expose the mineralization at the S.P. showing. About a 12 ton machine i.e., Hitachi 120, Hyundai 130, Cat 120, preferably with a thumb on the bucket.

The sides of the hills are too steep for a tracked dozer to do any effective work, and the road to the showing is too narrow for a large excavator to access it at the switch backs. The hillside above the mineralization should be benched so that the thawing muds under the brush will not slide down over the mineralization.

David Javorsky,  
Prospector  
December 26, 2005.

## Expenses

Applicable for Assessment Credit

July 27, 2005	IRL Prospecting Supplies	\$	164.65
August 6, 2005	Atlin Trading Post, groceries		29.59
August 6, 2005	Motel Whitehorse		154.08
August 7, 2005	Canadian Tire lock for 4-track + bug dope		87.76
August 8, 2005	Wal-Mart groceries and hardware		33.21
August 8, 2005	Fast Trac Gas		58.65
August 8, 2005	Dinner		13.90
August 8, 2005	Trailer connector		25.71
August 6, 2005	Rental of 4-track		1,712.00
September 2, 2005	Fuel		121.68
September 5, 2005	Fuel		124.99
	Totalling		<u>2,526.22</u>
Labour	Prospector, August 4 <sup>th</sup> through 25 <sup>th</sup> , 2005 including taxes, insurance, equipment		5,250.00
	Lodging \$70/day		1,470.00
	Assaying, ACME Labs in Vancouver		1,569.50
	Photostatting of maps and assessment reports		482.00
	Totalling		<u>11,297.72</u>
	Preparation of this report, labour typing and Photostatting		900.00
	Grand total	\$	<u><u>12,197.72</u></u>

The forgoing expenses should qualify for assessment work credit as they were incurred on behalf of Northern Platinum Ltd. On the Arch Group of quartz claims.

David Javorsky,  
Prospector

## Authors' Statement of Qualifications

I, David Javorsky, Prospector, residing on Rm. 818 – 470 Granville Street, Vancouver, British Columbia, V6C 1V5, state as follows:

That I have worked as a Prospector, Miner, Mine Millwright or Mine Developer for most of the past 35 years.

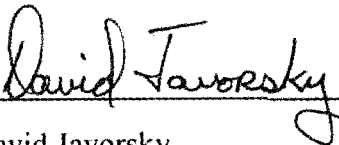
That I have completed the British Columbia Ministry of Energy, Mines and Petroleum Resources School in "Advanced Prospecting".

That I have completed the "Prospecting, Petrology, and Alteration for Prospectors" course presented by the Chamber of Mines for Eastern British Columbia along with the British Columbia Geological Survey.

That I have been trained in the use of Self Potential Surveys by geophysicist working for the British Columbia Ministry of Energy, Mines and Petroleum Resources.

That I performed the foregoing survey and took the stated samples myself. I have prepared this Report and believe the comments to be true.

Respectfully submitted,



---

David Javorsky,  
Prospector

December 26, 2005



GEOCHEMICAL ANALYSIS CERTIFICATE



Northern Platinum File # A505005

206 - 837 W. Hastings St., Vancouver BC V6C 1B6 Submitted by: John McGoran

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W Au** ppm	Pt** ppm	Pd** ppm	
A170059	3	54	<3	6	<.3	11	10	173	4.21	17	<8	<2	2	5	<.5	<3	<3	54	.25	.028	3	10	1.13	78	.19	<3	1.50	.04	.31	<2	<2	4	11
A170060	3	157	<3	18	<.3	25	6	1279	19.98	4	<8	<2	<2	17	1.1	<3	<3	50	4.55	.002	<1	11	.41	76	.09	<3	1.12	.01	.06	<2	3	3	3
A170061	2	18	<3	9	<.3	112	39	1635	9.99	<2	<8	<2	<2	14	<.5	<3	<3	44	4.99	<.001	<1	11	.22	176	.09	<3	1.34	.01	.11	<2	4	<2	11
A170062	1	127	<3	70	<.3	23	20	456	3.85	<2	32	<2	<2	64	<.5	<3	<3	71	3.45	.074	4	20	.73	12	.27	<3	1.30	.04	.02	2	5	11	6
A170063	1	175	<3	93	<.3	26	32	736	6.79	2	<8	<2	3	21	<.5	<3	<3	150	2.26	.088	4	14	1.11	31	.35	<3	2.58	.04	.04	2	3	9	6
C203456	<1	1	<3	12	<.3	13	4	1984	1.34	<2	<8	<2	<2	685	<.5	<3	<3	3	28.07	.013	1	9	3.29	36	.04	<3	1.38	<.01	<.01	<2	<2	4	3
C203457	3	1040	7	5	1.5	381	18	77	10.34	13	<8	<2	2	12	.5	<3	6	70	.18	.043	3	66	.18	93	.07	<3	.34	.05	.11	<2	183	889	672
C203459	<1	491	8	23	.4	412	33	1280	1.42	951	15	<2	<2	968	.6	<3	<3	35	21.76	.008	4	27	.59	8	.01	<3	.57	.01	<.01	<2	165	4	7
C203460	<1	242	12	32	<.3	291	65	3101	.48	10	67	<2	<2	1337	<.5	4	7	7	36.42	<.001	2	13	.41	17	<.01	<3	.14	.01	.01	<2	<2	2	6
C203468	2	1257	<3	90	.7	2405	114	708	5.15	<2	<8	<2	2	48	.9	7	3	24	5.93	.009	3	729	7.78	28	.04	49	.87	.01	.02	<2	49	239	275
RE C203468	3	1210	5	88	.9	2345	110	685	4.98	6	<8	<2	2	45	<.5	10	3	23	5.76	.009	3	717	7.58	28	.04	47	.86	<.01	.02	<2	52	236	269
C203469	2	159	<3	18	<.3	15	3	304	1.08	<2	<8	<2	<2	44	<.5	<3	<3	3	1.79	.110	4	5	.24	70	.09	245	.87	<.01	.04	<2	6	7	5
C203470	2	4550	22	77	4.5	1762	111	318	11.49	5	<8	<2	<2	16	2.2	<3	13	67	.79	.023	1	1124	3.09	22	.11	10	1.84	<.01	.03	3	101	263	126
C203471	1	4227	5	119	4.2	2046	188	562	9.77	<2	<8	<2	<2	6	3.2	<3	<3	77	.32	.021	<1	1504	5.86	41	.07	5	2.20	.01	.05	2	135	137	50
C203472	<1	11	<3	<1	<.3	8	1	130	.41	<2	<8	<2	3	16	<.5	<3	<3	26	2.04	.019	3	16	.86	2	<.01	<3	.07	.02	.01	<2	2	4	6
C203473	<1	74	<3	<1	.5	52	5	205	.57	4	<8	<2	4	34	<.5	7	<3	38	3.69	.040	5	44	1.65	6	<.01	<3	.14	.05	.01	<2	<2	6	<2
C203474	1	61	<3	29	<.3	45	5	337	.79	11	17	<2	5	56	<.5	<3	<3	155	6.25	.580	14	59	2.03	5	<.01	<3	.36	.09	.01	<2	2	5	6
C203475	<1	464	30	14	<.3	243	15	360	1.60	39	32	<2	9	42	<.5	7	<3	112	4.23	.184	10	36	1.52	8	<.01	3	.46	.05	.02	<2	5	4	10
C203476	3	11	5	37	<.3	33	16	2469	3.54	<2	<8	<2	<2	478	<.5	9	<3	20	10.91	.035	3	16	3.21	658	<.01	<3	.35	.01	.09	<2	6	<2	<2
C203477	17	8908	25	11	4.1	2428	155	158	34.41	282	<8	<2	10	47	<.5	<3	29	71	.30	.024	10	360	.09	233	.02	<3	.91	.08	.33	2	373	4441	2935
C203478	4	1667	3	61	1.0	1733	168	1236	9.89	5	<8	<2	<2	18	.7	12	7	49	.34	.026	2	709	11.35	73	.06	104	2.26	.01	.16	3	69	232	92
C203479	2	5293	17	55	<.3>10000	768	982	29.07	2	<8	<2	2	316	.8	8	13	28	28	5.46	.012	12	81	.79	19	<.01	44	.46	.03	.02	3	195	1818	1517
C203480	<1>10000	9	63	2.5>10000	1275	504	28.39	257	<8	<2	<2	74	.8	19	16	54	54	54	4.33	.006	1	151	.84	18	.05	18	.88	<.01	<.01	2	141	1026	495
C203481	1>10000	<3	56	2.1>10000	1123	640	19.66	728	<8	<2	2	57	1.1	49	16	111	111	111	3.31	.026	3	362	2.46	4	.08	<3	2.31	<.01	<.01	<2	153	1023	1275
STANDARD D	12	123	29	142	.3	25	11	708	2.87	21	<8	<2	6	40	6.1	4	4	57	.87	.079	15	186	.58	167	.08	16	1.93	.08	.15	4	491	479	474

Standard is STANDARD DS6/FA-10R.

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.

(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.

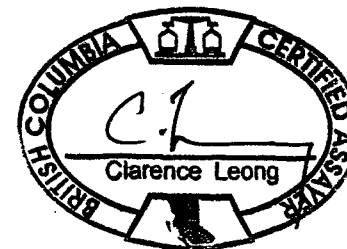
AU\*\* PT\*\* & PD\*\* GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: Rock R150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: AUG 29 2005 DATE REPORT MAILED: Sept. 13/05





GEOCHEMICAL ANALYSIS CERTIFICATE



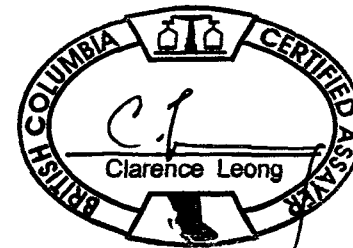
Northern Platinum File # A504878

206 - 837 W. Hastings St., Vancouver BC V6C 1R6 Submitted by: John McGoran

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
G-1	1	1	<3	45	<.3	6	4	536	1.80	<2	<8	<2	4	70	<.5	<3	<3	35	.46	.079	8	83	.58	167	.13	<3	.99	.09	.44	<2	<2	<2	6
A170318	1	504	10	109	1.2	493	59	984	6.20	43	<8	<2	<2	83	<.5	3	<3	117	2.39	.080	8	206	2.80	71	.14	20	2.29	.03	.08	2	27	38	37
A170319	<1	801	10	86	1.4	1050	89	1105	6.80	52	<8	<2	<2	47	<.5	<3	<3	97	1.72	.070	7	243	3.82	86	.11	62	1.81	.02	.07	<2	33	127	81
A170320	2	111	7	120	1.2	131	33	723	5.42	38	8	<2	<2	73	<.5	5	<3	89	2.26	.083	10	179	2.36	73	.10	7	2.30	.02	.06	<2	50	9	16
A170321	<1	826	12	112	1.7	1211	83	898	7.16	21	<8	<2	2	31	<.5	<3	<3	81	.92	.068	13	222	3.54	59	.09	24	1.69	.01	.07	<2	27	88	155
A170322	<1	105	<3	111	1.4	103	28	1090	5.12	19	11	<2	<2	53	<.5	<3	<3	99	1.72	.086	9	145	2.36	59	.11	5	2.29	.01	.07	2	18	38	69
A170323	<1	110	5	95	.8	154	32	763	4.95	29	<8	<2	<2	39	<.5	<3	<3	108	1.82	.070	7	140	2.39	136	.12	26	2.13	.03	.06	<2	9	12	13
A170324	<1	87	4	86	.8	102	28	845	4.63	18	9	<2	<2	55	<.5	<3	<3	104	1.83	.082	9	113	2.09	107	.14	26	2.14	.03	.08	<2	10	7	15
A170325	<1	112	17	123	1.3	105	28	785	4.49	25	<8	<2	<2	46	<.5	<3	<3	64	.94	.091	17	100	1.56	77	.05	9	1.73	.02	.10	<2	15	22	32
A170326	<1	2167	11	111	3.2	2557	158	943	9.47	28	<8	<2	<2	35	<.5	<3	<3	74	1.14	.061	11	292	3.59	68	.09	22	1.87	.02	.07	<2	45	342	550
STANDARD DS6/FA-100S	12	122	24	139	.3	24	12	742	2.91	22	<8	<2	3	46	5.7	5	5	59	.79	.077	15	175	.64	147	.09	16	1.92	.08	.14	3	50	50	48

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
AU\*\* PT\*\* & PD\*\* GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/ICP.  
- SAMPLE TYPE: SILT SS80 60C

Data FA DATE RECEIVED: AUG 23 2005 DATE REPORT MAILED: Sept 6/05





GEOCHEMICAL ANALYSIS CERTIFICATE



Northern Platinum File # A504877 Page 1  
206 - 837 W. Hastings St., Vancouver BC V6C 1B6 Submitted by: John McGoran

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
C203422	5	5953	7	186	3.0	4938	246	1457	10.08	279	<8	<2	2	36	2.9	<3	<3	168	5.45	.046	6	1127	5.21	17	.22	<3	3.95	.01	.03	3	41	560	669
C203423	2	6629	8	53	1.8	2634	158	664	6.45	4	<8	<2	<2	12	.6	3	<3	76	.74	.025	3	1518	4.59	26	.15	17	2.16	.01	.01	2	17	166	310
C203424	>10000	280	1311	11.1	3968	159	1422	8.23	397	<8	<2	3	121	54.7	53	<3	99	11.03	.038	14	128	1.79	346	.13	3	2.02	.01	.03	2	193	1505	1723	
C203425	>10000	31	254	5.7	7147	444	2347	7.38	66	10	<2	3	109	6.8	4	<3	62	10.15	.017	7	890	2.87	178	.20	14	2.11	.01	.03	2	95	452	652	
C203426	17	762	141	49	6.7	103	37	339	18.89	2784	<8	<2	3	121	1.3	31	<3	33	.34	.038	23	15	.10	63	<.01	3	.55	.72	.23	<2	50	9	34
C203427	3	918	<3	13	1.9	2196	169	828	4.41	1456	<8	<2	2	108	.7	7	<3	42	4.01	.009	<1	1357	4.03	16	<.01	18	1.01	<.01	<.01	<2	92	88	204
C203428	<1	583	<3	10	.5	966	73	861	1.68	420	<8	<2	<2	594	<.5	8	<3	19	14.25	.003	1	742	2.16	12	.01	7	.54	.01	.01	<2	113	67	103
C203429	>10000	<3	128	1.9	8836	187	870	11.56	6	<8	<2	<2	107	1.5	4	<3	38	2.29	.005	<1	834	10.92	33	.04	101	1.27	<.01	.02	3	13	172	228	
C203430	8	1300	28	11	17.7	277	10	53	10.30	49	<8	2	<2	20	<.5	<3	17	2.64	.005	<1	73	.28	9	.04	9	.11	.01	.02	<2	2468	18659	40075	
C203431	4	1660	3	29	1.3	2728	128	487	7.52	3	<8	<2	<2	44	<.5	5	<3	29	2.36	.040	3	521	8.96	31	.05	97	1.43	<.01	.03	<2	52	248	377
C203432	4	604	4	39	2.0	1101	52	1208	4.83	7	<8	<2	3	4	<.5	11	<3	57	1.00	.018	1	369	8.35	13	.14	27	1.75	.01	.01	<2	191	44	201
C203433	14	149	>10000	>10000	.9	43	8	838	.53	5	<8	<2	<2	260	288.7	6	<3	6	24.07	.007	40	9	.16	103	<.01	<3	.13	<.01	.02	<2	75	12	28
C203434	<1	1618	8	80	<.3	1543	81	643	3.96	8	<8	<2	<2	13	.9	<3	<3	101	.64	.057	3	67	3.10	527	.14	<3	2.45	.02	.14	<2	44	22	29
RE C203434	1	1576	9	73	<.3	1518	80	632	3.90	6	<8	<2	<2	11	.8	<3	<3	99	.61	.056	3	66	3.06	464	.13	3	2.41	.02	.13	<2	7	18	30
C203435	>10000	16	191	7.4	8293	278	542	21.03	155	<8	<2	<2	75	4.6	<3	<3	48	11.61	.009	5	39	.85	237	.03	<3	1.21	<.01	.07	5	427	1696	2248	
C203436	5	7168	21	100	10.9	1117	51	143	36.47	740	<8	<2	2	7	1.6	<3	<3	109	.16	.011	2	180	.41	20	.05	<3	.75	<.01	.11	<2	514	3914	7046
C203437	1	2076	12	45	6.3	644	12	301	22.52	29	<8	<2	<2	6	.5	<3	<3	127	.07	.041	2	421	1.47	198	.17	<3	1.43	.01	.12	<2	459	3053	4212
C203438	2	1260	59	42	1.3	2098	77	548	3.83	4	<8	<2	<2	40	.8	7	<3	41	5.15	.017	2	668	4.59	23	.08	22	1.51	<.01	.04	<2	29	272	393
C203439	4	192	6	59	1.8	403	25	2541	4.62	26	<8	<2	5	401	<.5	4	<3	85	10.98	.073	18	44	1.04	31	.01	12	1.64	.02	.07	<2	12	47	116
C203440	1	3002	7	27	1.1	1318	72	509	4.60	8	<8	<2	<2	14	<.5	<3	<3	62	1.73	.062	2	182	2.19	62	.17	15	2.41	.01	.04	<2	52	194	289
C203441	>10000	14	50	3.2	2612	85	568	7.81	42	<8	<2	<2	9	.8	<3	<3	120	.46	.068	5	135	1.84	122	.19	4	2.09	.02	.04	4	328	1113	968	
C203442	2	7261	8	38	2.8	1948	78	302	8.75	10	<8	<2	<2	6	.7	<3	<3	53	.33	.033	<1	1432	3.27	99	.11	4	2.02	.01	.01	2	119	676	990
C203443	>10000	16	90	4.7	2469	113	377	9.22	17	<8	<2	<2	13	.9	<3	<3	45	.34	.021	1	1133	2.82	398	.14	6	2.05	.01	.02	4	57	634	1308	
C203444	>10000	211	1300	>100	7946	292	764	8.86	>10000	<8	<2	<2	527	20.9	401	<3	47	17.64	.004	6	102	.44	148	.01	<3	.63	<.01	.01	5	1410	2471	3839	
C203445	>10000	72	279	26.1	4942	130	704	10.16	407	<8	<2	<2	33	4.3	17	<3	122	1.91	.049	9	56	1.79	69	.05	<3	2.30	.01	.07	3	544	2755	2843	
C203446	>10000	68	334	8.4	5289	116	1035	7.16	438	<8	<2	<2	55	3.9	39	<3	139	7.17	.043	6	39	1.56	186	.19	21	1.99	.02	.06	<2	687	3062	3673	
C203447	4	10000	81	519	26.1	7225	118	1453	13.96	235	<8	<2	2	29	5.2	12	41	158	3.62	.010	4	15	1.16	78	.25	<3	1.78	.01	.11	10	781	5883	5419
C203448	3	1211	7	23	1.8	2579	143	410	7.70	13	<8	<2	<2	7	<.5	<3	<3	48	.42	.026	1	606	5.39	23	.08	35	1.58	.03	.06	2	43	245	400
C203449	<1	855	3	47	1.5	454	23	2779	2.27	23	<8	<2	3	362	.5	6	<3	42	19.00	.043	23	18	.43	26	<.01	10	.80	<.01	.09	<2	9	68	99
C203450	1	327	5	34	<.3	1601	51	575	2.37	126	<8	<2	<2	90	<.5	<3	<3	60	2.64	.041	8	31	.61	17	<.01	<3	.91	.02	.04	<2	8	6	38
C203451	3	4661	5	90	2.9	>10000	229	785	14.12	487	<8	<2	2	15	1.6	<3	<3	63	.46	.032	19	63	.52	31	.01	23	1.48	.01	.04	<2	21	149	122
C203452	1	2669	6	61	2.8	5111	296	1416	7.40	3	<8	<2	<2	21	1.3	<3	<3	96	3.54	.030	3	670	6.44	40	.17	12	3.34	<.01	<.01	2	133	323	254
C203453	1	1078	14	35	.7	1359	96	450	3.16	8	<8	<2	<2	34	<.5	<3	<3	64	5.91	.035	2	137	2.39	120	.13	6	2.58	<.01	<.01	<2	35	100	89
C203454	1	312	9	245	1.2	403	33	1969	4.01	<2	<8	<2	<2	307	2.9	8	<3	10	22.13	.003	1	169	5.14	18	.01	57	.42	<.01	.01	<2	18	27	30
STANDARD DS6/FA-10R	12	120	30	140	<.3	24	10	692	2.79	21	<8	<2	3	39	5.9	4	5	55	.85	.077	14	183	.57	163	.08	16	1.88	.07	.15	3	484	483	488

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: ROCK R150 AU\*\* PT\*\* PD\*\* GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (10 gm)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA \_\_\_\_\_ DATE RECEIVED: AUG 23 2005 DATE REPORT MAILED: Sept. 8/05





SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppb	ppb	ppb	
C203455	2	55	<3	46	.7	56	27	1286	4.52	2	<8	<2	<2	58	<.5	4	<3	113	9.59	.021	3	71	3.55	370	.01	10	.21	.01	.03	<2	13	2	8
A170330	3	2324	10	73	2.1	2887	139	846	6.76	10	<8	<2	<2	52	.8	5	<3	119	9.73	.027	1	1808	3.92	23	.19	7	2.78	.01	<.01	<2	51	375	730
A170331	3	99	22	54	.8	111	27	858	3.69	16	<8	<2	2	71	<.5	4	<3	90	10.32	.022	2	90	1.40	14	.14	13	1.53	.01	.02	<2	7	7	20
A170332	2	42	5	26	.4	21	6	559	2.86	4	<8	<2	<2	11	<.5	<3	<3	31	1.29	.066	16	7	.16	27	<.01	3	.46	.04	.04	<2	2	8	21
A170333	8	767	66	39	2.0	33	93	770	16.46	30	<8	<2	<2	18	1.9	<3	<3	60	1.98	.698	10	14	1.52	40	.10	<3	4.01	.01	.12	<2	96	5	21
A170334	14	200	24	290	4.0	135	34	495	9.93	15	<8	<2	<2	40	3.2	6	<3	203	2.44	.205	9	107	1.69	42	.29	3	2.12	.02	.13	<2	26	16	13
A170335	12	98	11	170	1.5	119	27	504	4.93	13	<8	<2	<2	52	2.1	3	<3	183	5.15	.159	5	279	1.25	64	.15	<3	1.36	.02	.07	<2	17	14	6
A170336	12	80	3	195	.7	104	22	402	4.31	7	<8	<2	<2	39	2.5	4	<3	222	3.89	.144	6	269	1.07	17	.14	<3	1.05	.02	.04	<2	11	5	15
A170337	7	4708	74	282	32.0	5516	212	353	35.55	47	<8	<2	<2	6	.5	<3	4	100	.24	.026	3	311	.39	48	.07	<3	1.21	.01	.03	<2	80	2252	3614
A170338	4	2981	9	42	4.1	888	36	332	7.61	8	<8	<2	<2	11	.5	<3	<3	61	.44	.043	4	283	2.00	211	.19	7	1.69	.02	.05	<2	106	779	1055
A170339	2	4287	<3	36	3.2	846	43	384	5.15	8	<8	<2	<2	9	<.5	<3	<3	45	.42	.032	1	259	2.00	293	.17	3	1.78	.02	.04	<2	26	397	501
A170340	2	3831	<3	43	2.7	912	54	455	4.87	9	<8	<2	<2	7	.5	<3	<3	49	.45	.036	2	333	2.45	232	.17	3	2.08	.02	.05	<2	26	306	370
A170341	5	3131	5	52	2.9	1444	107	520	6.10	3	<8	<2	<2	6	.6	<3	<3	48	.37	.038	2	508	3.40	66	.14	9	2.58	.02	.03	2	18	289	378
RE A170341	4	3215	5	55	2.9	1507	113	536	6.31	<2	<8	<2	<2	7	.7	<3	<3	48	.39	.039	3	529	3.51	68	.15	5	2.65	.02	.03	<2	17	226	296
A170342	3	809	4	248	.6	853	36	376	5.63	137	<8	<2	<2	50	1.4	<3	<3	144	1.30	.068	3	48	1.34	191	.03	<3	1.97	.03	.03	<2	13	20	43
A170343	3	951	9	336	.8	1092	47	385	6.11	172	<8	<2	<2	15	1.8	<3	<3	140	.99	.068	4	56	1.46	68	.06	<3	2.05	.03	.03	<2	23	20	47
A170344	3	5866	27	140	21.0	1081	44	773	4.28	954	<8	<2	<2	828	2.0	50	<3	63	18.06	.029	4	23	.67	187	.01	<3	1.11	.01	.02	2	71	55	413
A170345	4>10000	52	303	51.5	1350	40	787	2.98	1978	<8	<2	3	971	4.7	106	<3	42	22.85	.016	4	28	.28	54	<.01	12	.51	.01	.01	2	213	182	335	
A170346	2	5570	116	236	83.6	1150	49	589	3.29	1581	<8	<2	<2	476	3.1	39	<3	82	10.45	.039	7	36	.59	171	<.01	8	.96	.02	.01	<2	800	280	363
A170347	3	2013	63	165	5.1	878	35	492	2.42	969	<8	<2	<2	234	1.7	8	<3	64	8.77	.033	4	24	.46	59	<.01	<3	.73	.02	.01	<2	115	57	76
A170348	4	1479	56	219	4.4	1391	67	412	4.66	481	<8	<2	<2	125	1.5	<3	<3	102	3.57	.103	5	34	.83	86	<.01	3	1.35	.03	.03	<2	45	43	48
A170349	3	766	11	154	1.1	1233	63	424	6.55	147	<8	<2	2	11	.8	<3	<3	147	.42	.083	4	55	1.41	115	.01	11	2.23	.03	.05	<2	16	29	44
A170350	3	5302	118	282	10.2	3714	66	486	11.24	2010	<8	<2	<2	28	4.2	169	<3	133	.37	.027	7	584	2.18	1323	.01	6	5.27	.01	.02	<2	248	727	822
A170051	2	6071	<3	66	1.7	2266	102	626	4.20	9	<8	<2	<2	86	.5	3	<3	54	14.88	.149	14	279	4.82	53	.08	7	2.00	.01	.09	<2	1014	241	423
A170052	3>10000	11	67	1.5>10000	1175	37	31.79	21	<8	<2	<2	3	<.5	<3	15	10			.36	<.001	1	64	.05	23	.02	<3	.26	.02	.01	3	33	1742	1574
A170053	5>10000	35	105	35.7	2800	65	463	12.34	31	<8	<2	3	16	1.0	<3	<3	38	2.41	.011	7	36	.62	39	.01	4	1.61	.02	.04	4	167	2456	1896	
A170054	2	566	<3	36	1.8	1818	113	1181	6.33	<2	<8	<2	<2	89	.7	<3	<3	36	10.12	.013	2	692	8.21	9	.04	25	1.20	.01	.02	<2	13	48	88
A170055	5	2326	30	57	6.3	3716	208	726	16.05	3	<8	<2	<2	8	1.6	<3	<3	40	.65	.016	3	653	11.35	14	.04	30	1.06	.01	.02	2	46	679	1117
A170056	6>10000	56	150	17.2	1959	35	209	4.24	80	<8	<2	3	19	<.5	<3	<3	13	.43	.031	8	12	.55	20	.01	<3	1.14	.05	.05	<2	839	1305	2693	
A170057	2>10000	<3	95	2.3>10000	837	121	22.79	4	<8	<2	<2	3	1.4	<3	<3	17			2.61	.052	8	50	.15	3	.04	<3	.62	.01	<.01	<2	65	960	1302
A170058	2	2492	<3	30	<.3	2759	141	877	1.04	3	21	<2	<2	465	.5	<3	<3	11	27.94	.004	1	7	.04	29	.02	<3	.52	.01	.02	<2	11	19	30
STANDARD D	11	119	28	140	.4	24	10	691	2.79	22	<8	<2	3	39	5.8	3	5	55	.86	.077	14	182	.57	162	.08	15	1.85	.07	.15	3	507	483	485

Standard is STANDARD DS6/FA-10R. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE



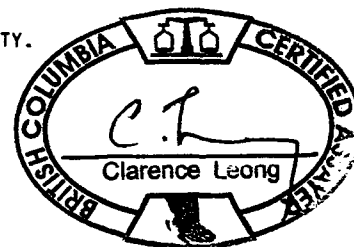
Northern Platinum File # A504773

206 - 837 W. Hastings St., Vancouver BC V6C 1R6 Submitted by: John McGoran

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au**	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb	ppb	ppb
A170301	3	2801	21	85	3.9	2882	31	187	>40	91	<8	<2	<2	17	<.5	12	<3	89	.01	.005	<1	205	.01	208	.03	<3	.29	.02	.09	<2	348	1800	6653
A170302	6	3756	100	80	24.8	1426	9	98	>40	60	<8	<2	<2	23	<.5	<3	4	161	.01	.005	<1	707	.05	66	.06	<3	.25	.05	.07	2	727	5053	6579
A170303	7	3429	93	104	25.5	1991	22	230	31.96	36	<8	<2	<2	17	.5	<3	<3	142	.11	.026	1	602	.51	123	.13	<3	.71	.02	.05	2	1069	8239	9517
A170304	<1	2764	45	62	3.8	2006	54	783	13.03	35	<8	<2	<2	19	.7	8	<3	160	.20	.040	5	467	2.85	29	.22	<3	2.93	.02	.04	<2	91	1010	1969
RE A170304	<1	2623	42	60	3.5	1912	51	749	12.39	34	<8	<2	<2	18	.9	7	<3	152	.19	.038	4	444	2.74	27	.21	<3	2.80	.02	.04	<2	77	981	1903
A170305	2	3128	12	45	1.5	1693	41	645	10.37	9	<8	<2	<2	9	.7	<3	<3	134	.20	.041	4	391	2.09	69	.21	<3	2.67	.03	.09	<2	144	869	1158
A170306	5	3083	117	79	28.3	1170	23	64	35.22	84	<8	<2	<2	9	<.5	<3	<3	160	.01	.017	<1	681	.20	96	.12	<3	.36	.02	.05	<2	966	7799	8014
A170307	6	2644	20	46	18.9	879	18	37	>40	983	<8	2	<2	34	<.5	23	9	175	.01	.012	2	335	.01	155	.10	<3	.21	.03	.28	<2	741	3430	15449
A170308	10	3583	56	28	60.9	297	13	23	>40	62	<8	<2	<2	17	<.5	3	4	187	.02	.004	1	536	.04	169	.03	<3	.19	.03	.05	<2	1564	6140	10981
A170309	15	3066	19	11	33.5	506	3	29	39.39	259	<8	<2	<2	37	<.5	13	<3	186	.03	.022	3	208	.04	112	.10	<3	.24	.08	.12	<2	774	2300	13919
A170310	<1	126	4	107	<.3	55	40	1671	7.99	6	<8	<2	<2	72	.6	<3	<3	290	9.31	.030	3	97	3.43	15	.03	<3	.55	.02	.02	2	<2	9	33
A170311	<1	4557	16	42	2.3	2081	209	944	11.97	34	<8	<2	<2	4	1.8	<3	<3	47	.18	.024	4	367	8.58	18	.04	63	2.03	.01	.06	2	44	82	40
A170312	3	5791	11	59	1.6	9772	382	349	27.59	268	9	<2	<2	28	1.8	8	<3	59	2.05	.027	4	181	.68	36	.08	91	1.19	.01	.05	2	123	930	654
A170313	<1	1822	8	18	1.3	1586	60	236	26.57	92	<8	<2	<2	8	.9	<3	<3	71	.95	.026	2	119	.36	29	.10	24	.92	.01	.04	<2	144	987	652
A170314	1	4998	8	28	1.2	2971	107	265	21.88	90	<8	<2	<2	17	1.1	5	<3	72	1.81	.040	3	205	.46	32	.11	74	1.24	.01	.05	2	95	857	574
A170315	2	4168	11	30	1.4	2705	101	301	21.87	118	<8	<2	<2	12	1.3	<3	<3	74	1.37	.034	4	178	.55	29	.11	64	1.29	.01	.05	<2	112	910	595
A170316	1	1285	9	18	<.3	1346	64	125	8.57	47	<8	<2	<2	35	.9	<3	<3	40	1.12	.038	2	65	.29	42	.06	31	.71	.07	.05	2	36	216	131
A170317	2	246	11	55	<.3	423	26	345	5.67	14	<8	<2	<2	37	.9	<3	<3	86	1.23	.086	7	72	1.21	108	.15	13	1.66	.03	.10	<2	5	25	11
C203404	<1	125	3	66	<.3	39	27	533	4.37	<2	<8	<2	<2	39	.6	<3	<3	111	.97	.051	2	10	1.98	33	.23	<3	2.06	.04	.04	<2	2	11	20
C203405	<1	51	12	<1	<.3	514	43	1352	1.99	3	<8	<2	<2	223	.6	6	<3	9	25.22	.004	1	119	3.96	30	.01	12	.20	.01	.01	<2	11	7	23
C203406	2	71	24	37	<.3	1711	142	883	8.23	8	<8	2	<2	13	.9	7	<3	44	.78	.014	2	1341	11.33	9	.05	70	1.24	.01	.01	<2	181	40	53
C203407	<1	1934	42	292	<.3	2110	79	1499	7.82	91	<8	3	<2	6	2.6	9	<3	146	.68	.046	6	1906	8.23	12	.21	<3	4.63	<.01	<.01	<2	11	328	421
C203408	<1	428	12	21	.7	737	50	1372	2.74	37	<8	<2	<2	250	.7	3	<3	46	17.77	.014	5	1265	3.52	11	.07	<3	1.35	.01	<.01	<2	10	72	105
C203409	1	367	4	6	.3	1112	101	666	5.58	7	<8	<2	<2	41	1.0	3	<3	27	6.42	.008	1	859	7.00	10	.03	18	.64	.01	<.01	<2	15	68	116
C203410	<1	150	3	45	<.3	41	34	598	4.05	<2	<8	<2	<2	56	.7	<3	<3	103	.88	.052	2	28	2.92	13	.25	<3	2.34	.03	.01	<2	5	11	21
C203411	<1	1784	7	39	2.3	8086	164	406	7.78	178	<8	<2	<2	7	.9	<3	<3	128	.26	.027	1	1957	4.16	9	.08	<3	2.69	.01	.01	<2	53	143	214
C203412	5	1809	25	10	10.4	1708	39	97	15.01	357	<8	<2	<2	12	.6	7	<3	89	.08	.017	1	794	.51	162	.07	<3	.46	.02	.05	<2	528	6268	12217
C203413	<1	66	<3	4	.4	225	20	1761	.97	3	<8	<2	<2	287	.6	6	<3	9	30.66	.004	2	121	1.71	12	.01	<3	.30	<.01	<.01	<2	11	7	23
C203414	<1	308	8	20	<.3	2288	136	845	6.07	6	11	<2	<2	4	.8	5	<3	25	.44	.011	1	593	17.52	17	.02	92	.80	.01	.01	<2	10	60	124
C203415	1	1976	4	46	1.4	4802	146	339	5.66	7	<8	<2	<2	22	1.2	<3	<3	69	.76	.027	2	850	3.46	165	.16	49	2.58	.02	.04	<2	12	729	487
C203416	14	2030	92	88	50.9	2067	43	170	>40	793	<8	<2	<2	21	1.2	7	<3	176	.22	.019	2	299	.27	323	.08	<3	.32	.04	.06	<2	1539	5194	9151
C203417	1	178	7	43	.7	691	18	390	3.29	22	<8	<2	2	65	1.0	<3	<3	103	3.96	.065	10	23	.92	56	.09	<3	1.28	.05	.07	<2	13	58	95
C203418	11	2549	54	58	24.1	2413	27	155	>40	474	<8	<2	<2	21	1.2	6	<3	135	.11	.020	2	200	.23	160	.08	<3	.61	.05	.11	2	712	3731	8931
C203419	4	153	23	2	39.1	129	4	54	.75	14	<8	<2	<2	6	<.5	6	<3	6	.06	.002	<1	24	.05	59	.14	<3	.05	.06	.05	<2	142	2043	3892
STANDARD DS6/FA-10R	12	128	30	148	.3	26	11	732	2.92	21	<8	<2	3	40	6.4	4	5	60	.89	.081	16	205	.61	168	.10	16	2.01	.08	.17	4	484	479	475

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: Rock R150 AU\*\* PT\*\* & PD\*\* GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (30 gm)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ✓ DATE RECEIVED: AUG 19 2005 DATE REPORT MAILED: Sept 6/05



## Appendix B Jarorsky 2005 Prospecting Report

This  
Report  
in  
PDF format