Northern Platinum Ltd.

SUMMARY REPORT

Prospecting, Road Maintenance, Trenching and Drilling

ON

2001 EXPLORATION

094254

ARCH PROPERTY

(BARNY, MUS AND EUGENE CLAIMS)

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
Linda Joint Venture
By Northern Platinum Ltd.

From June 16 to September 20, 2001
J.P. McGoran B.Sc. P.Geo.

January 2002

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 15,300.

M. Burke

Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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Figure 1 Location

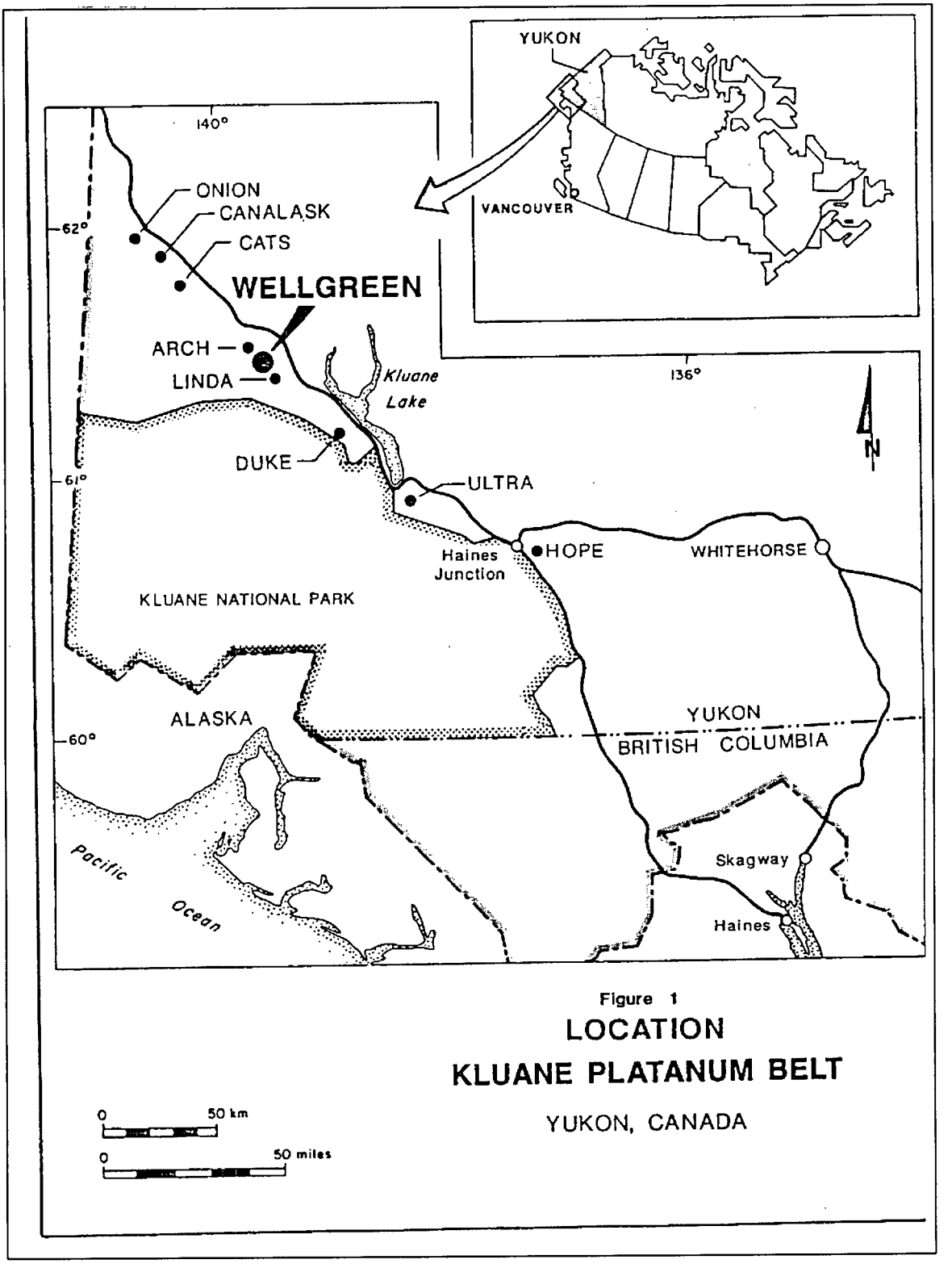


Figure 1
LOCATION
KLUANE PLATANUM BELT
YUKON, CANADA

Location And Access

The 110 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 and 2001 and now extends 5 kilometres from Wellgreen westerly along a creak valley to the area of 2001 trenching and drilling.

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

Claim Name	Grant Number	Expiry Date
Barny 1-6	YA94968 – YA94973	February 11, 2002
Barny 7-14	YA96002– YA96009	February 11, 2002
Barny 19-32	YA96867 – YA96880	February 11, 2002
Barny 33-39	YA97896 – YA97902	February 11, 2002
Barny 41-43	YA97904 – YA97906	February 11, 2002
Barny 56	YA97908	February 11, 2002
Barny 47-49	YA97910 – YA97912	February 11, 2002
Barny 50	YB08307	February 11, 2002
MUS 5-6	YA94966 – YA94967	February 11, 2002
MUS 12	YA96015	February 11, 2002
MUS 14	YA96017	February 11, 2002
MUS 16	YA96019	February 11, 2002

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

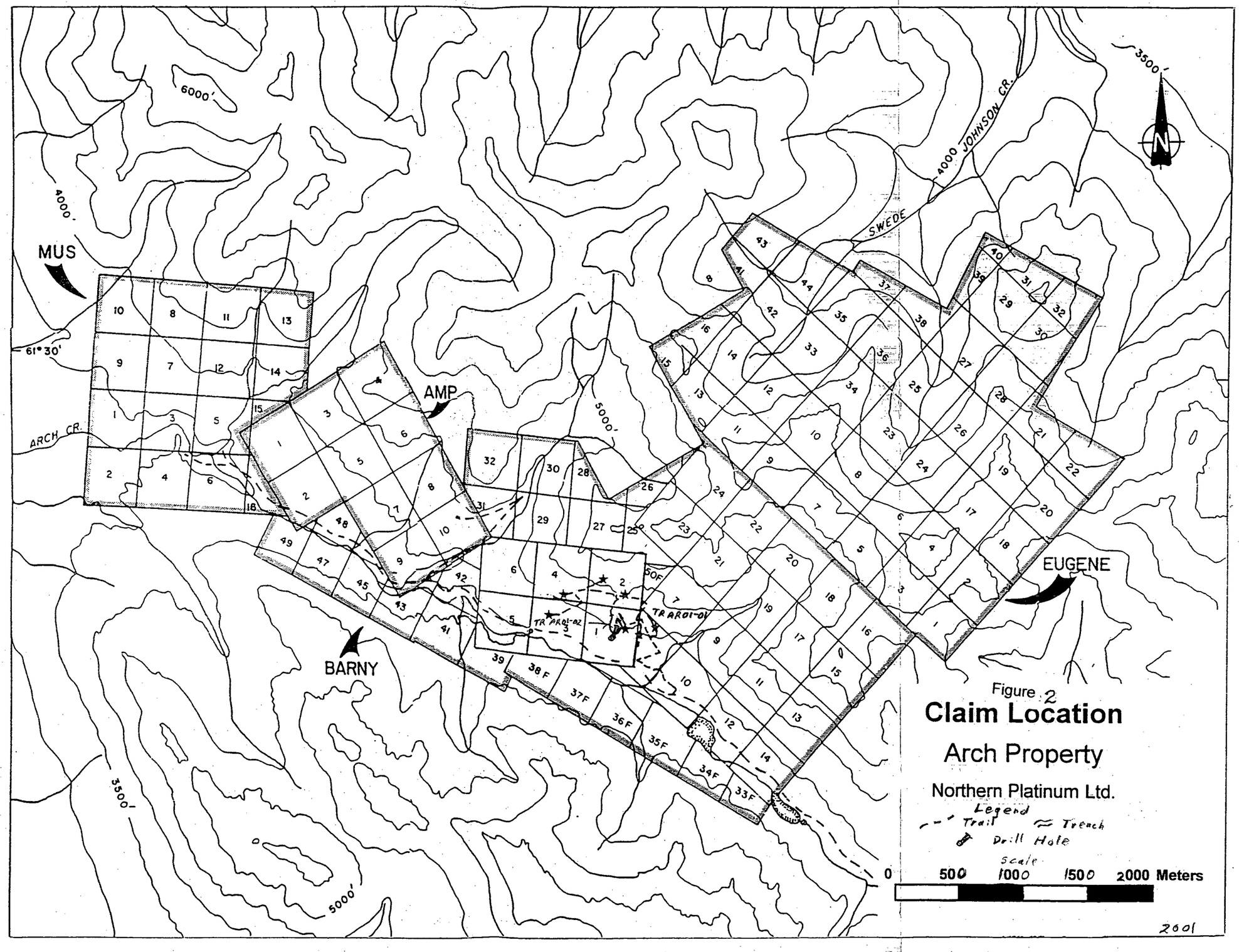


Figure 2

Claim Location

Arch Property

Northern Platinum Ltd.

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 mineralizaiton. 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. (See prospecting report by David Javorsky 2000 and prospecting report 2001 – attached).

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

Prospecting 2001

From July 1 to July 10, 2001, prospecting was conducted by David Javorsky, P.O. Box 806, Stewart, BC, 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

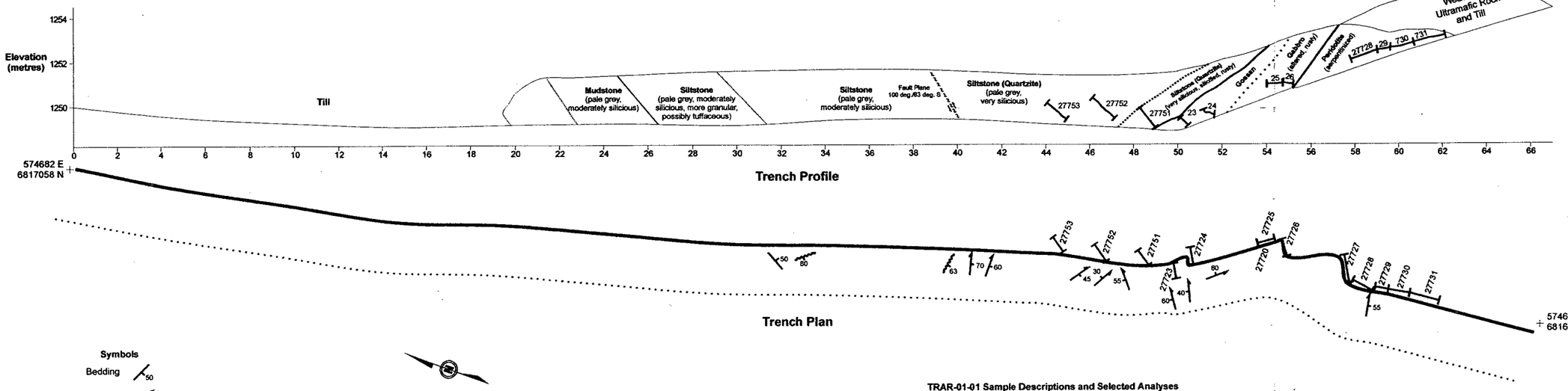
David Javorsky stayed at Kluane Wilderness Village and commuted daily with his equipment to the property. Northern Platinum Ltd. supplied accommodation and fuel. The mandate was to follow up on massive sulphide float found in 2000. A report of the prospecting program by David Javorsky is attached as Appendix A.

2001 Trenching and Drilling Program

From June 24 to June 27, 2001 a J.D. 450 cat was utilized to clear the road of debris from the Wellgreen capsite to the Arch claims and to clear slide rock and other debris from the drill roads on the Arch property.

Follow up on the Javorsky discovery (S.P. Showing) was conducted by a D8 cat with a ripper, supervised by J. Wayne, geologist. Two small areas were trenched (AR 01-01 and AR 01-02). Sampling of the mineralization was supervised by J. Wayne Pickett. The location of the trenches is shown in Figure 2. Details of the geology and sample locations are shown on Figure 3 and 4. Assay Certificates for trench analysis are in Appendix B.

Diamond drill hole AR 01-04 was spotted to the south of the mineralized zone and drilled north at 43°. Drill core size was HQ. Core logging, cutting and sampling was supervised by J. Wayne Pickett. Drill logs are shown on page 11. Figure 2 and 5 show the drill hole location with respect the trench locations. Assay certificates for sampled drill core intervals are in Appendix B.



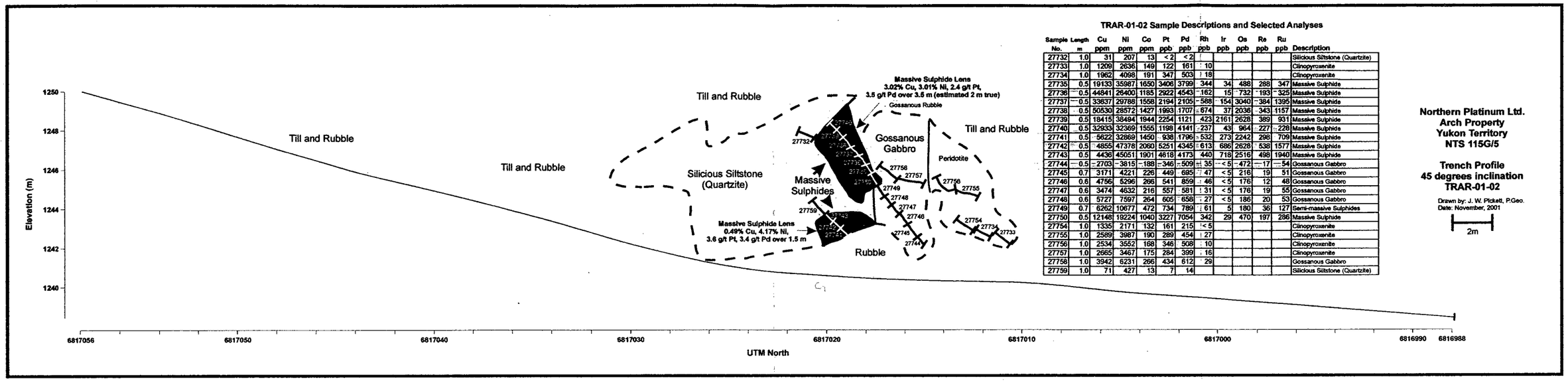
TRAR-01-01 Sample Descriptions and Selected Analyses

Sample No.	Length m	Cu ppm	Ni ppm	Co ppm	Pt ppb	Pd ppb	Rh ppb	Ir ppb	Os ppb	Re ppb	Ru ppb	Description
27723	0.7	25802	34237	1849	747	1386	145	143	582	414	591	Semi-massive Sulphides
27724	0.7	17372	9821	476	1050	1881	156	89	1918	192	610	Semi-massive Sulphides
27725	0.6	4737	2226	77	1230	1430	123	22	988	28	286	Yellow Ochre Gossan
27726	0.8	4171	2615	151	335	470	29	5	186	25	38	Serpentinized Ultramafic Rock
27727	1.3	4448	3605	152	671	978	47	< 5	262	25	105	Altered Ultramafic Rock
27728	1.0	1242	2038	137	138	197	8	< 5	110	9	51	Serpentinized Ultramafic Rock
27729	0.6	750	1666	124	76	119						Serpentinized Ultramafic Rock
27730	1.0	921	2001	134	121	191						Serpentinized Ultramafic Rock
27731	1.4	660	1031	70	65	103						Serpentinized Ultramafic Rock
27751	1.2	200	773	29	4	12						Silicious Siltstone
27752	1.3	1151	1379	71	238	276	6	< 5	148	15	15	Silicious Siltstone
27753	1.1	33	296	16	< 2	5						Silicious Siltstone

Figure 3
Northern Platinum Ltd.
Arch Property
Yukon Territory
NTS 115G/5

Trench
TRAR-01-01

Drawn by: J. W. Pickett, P.Geo.
Date: November, 2001



TRAR-01-02 Sample Descriptions and Selected Analyses

Sample No.	Length m	Cu ppm	Ni ppm	Co ppm	Pt ppb	Pd ppb	Rh ppb	Ir ppb	Os ppb	Re ppb	Ru ppb	Description
27732	1.0	31	207	13	< 2	< 2						Silicious Siltstone (Quartzite)
27733	1.0	1209	2636	149	122	161	10					Clinopyroxenite
27734	1.0	1962	4098	191	347	503	18					Clinopyroxenite
27735	0.5	19133	35987	1650	3406	3799	344	34	488	288	347	Massive Sulphide
27736	0.5	44841	26400	1185	2922	4543	162	15	732	193	325	Massive Sulphide
27737	0.5	33837	29788	1558	2194	2105	588	154	3040	384	1395	Massive Sulphide
27738	0.5	50530	28572	1427	1993	1707	674	37	2036	343	1157	Massive Sulphide
27739	0.5	18415	38494	1944	2254	1121	423	2161	2628	389	931	Massive Sulphide
27740	0.5	32933	32369	1555	1198	4141	237	43	964	227	228	Massive Sulphide
27741	0.5	5622	32869	1450	938	1796	532	273	2242	298	709	Massive Sulphide
27742	0.5	4855	47378	2060	5251	4345	613	686	2628	538	1577	Massive Sulphide
27743	0.5	4436	45051	1901	4618	4173	440	718	2516	498	1940	Massive Sulphide
27744	0.5	2703	3815	188	346	509	35	< 5	472	17	54	Gossanous Gabbro
27745	0.7	3171	4221	226	449	685	47	< 5	218	19	51	Gossanous Gabbro
27746	0.6	4756	5296	266	541	859	46	< 5	176	12	48	Gossanous Gabbro
27747	0.6	3474	4632	216	557	581	31	< 5	176	19	55	Gossanous Gabbro
27748	0.6	5727	7597	264	605	658	27	< 5	186	20	53	Gossanous Gabbro
27749	0.7	6262	10677	472	734	789	61	5	180	36	127	Semi-massive Sulphides
27750	0.5	12148	19224	1040	3227	7054	342	29	470	197	286	Massive Sulphide
27754	1.0	1335	2171	132	161	215	< 5					Clinopyroxenite
27755	1.0	2589	3987	190	289	454	27					Clinopyroxenite
27756	1.0	2534	3552	168	346	508	10					Clinopyroxenite
27757	1.0	2665	3467	175	284	399	16					Clinopyroxenite
27758	1.0	3942	6231	266	434	612	29					Gossanous Gabbro
27759	1.0	71	427	13	7	14						Silicious Siltstone (Quartzite)

Northern Platinum Ltd.
Arch Property
Yukon Territory
NTS 115G/5

Trench Profile
45 degrees inclination
TRAR-01-02

Drawn by: J. W. Pickett, P.Geo.
Date: November, 2001

2m

EOH. DH AR 01-04

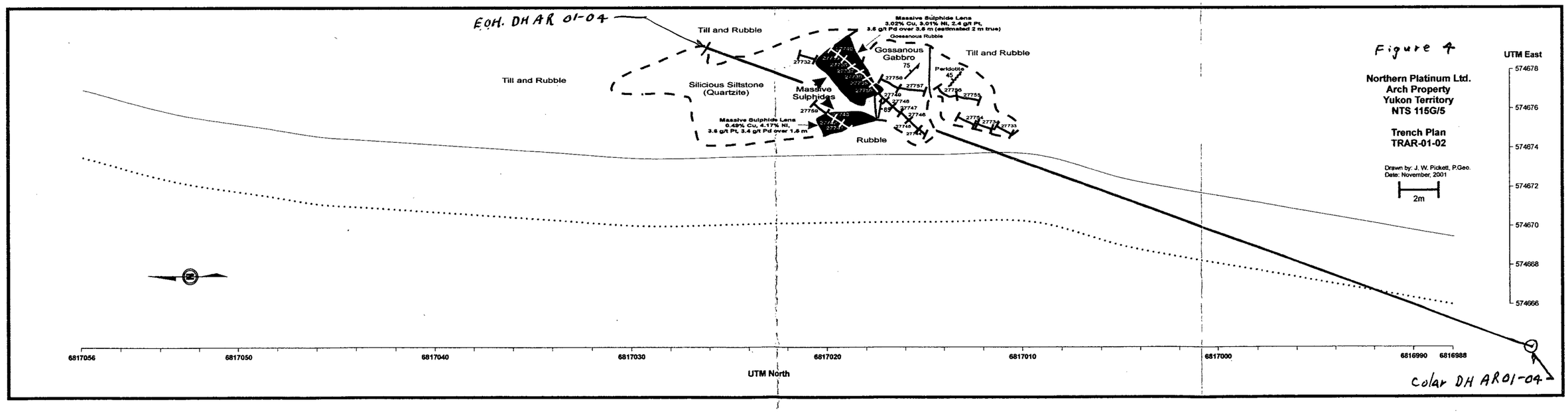


Figure 4

Northern Platinum Ltd.
Arch Property
Yukon Territory
NTS 115G/5

Trench Plan
TRAR-01-02

Drawn by: J. W. Pickett, P.Geo.
Date: November, 2001

2m

Colar DH AR01-04

Discussion

Good grade values of copper, nickel, platinum, palladium and copper as well as surprising values of rhodium were noted in the trenches and the drill core.

Recommendations

Further detailed exploration, which includes drilling, is recommended in this area.

John McGoran, B.Sc. P.Geo.

2001 Expenditures

David Javorsky report (see Appendix A)	
Prospecting, transportation	4,900.00
Food and accommodation	339.00
Fuel	432.72
	76.50
	5,748.22
J.D. 450 cat & operator at $80/hour x 25 hours	2,140.00
June 24 to July 27 accommodation	
Food	123.15
Accommodation	308.16
Coyne & Sons, Whitehorse	
	2,571.31
Trenching (D8 cat and ripper) July 12 to July 15	
Mobilization	2,300.00
22 hours at $155/hour	3,410.00
Fuel and lube	163.80
	5,873.80
Trench sampling and mapping	
J. Wayne Pickett P.Geo 3 days at $450/day	1,350.00
Drill hole spotting J. Wayne Pickett ½ day at $450/day	225.00
J. Wayne Pickett food, accommodation,	532.10
Transportation for 3 ½ days	
	2,107.10

2001 Expenditures continued..

Transportation and Analysis of trench samples, see Appendix B	
27721 – 27759 base and precious metals	1,543.85
Rhodium analysis 32 x 13.10	419.20
NIS Fusion INAA Finish	1,680.00
Compared to FA – MS analysis	1,797.60
	5,440.65
Diamond Drilling hole AR 01-04	
E. Caron Diamond Drilling Ltd.	
7 Roundel Road, Yukon Y1A 3H3	
See page 11	
Casing 10 foot, coring HQ 198 feet	17,425.49
Core logging, sampling	
J. Wayne Pickett	
Six days at $450/day	2,700.00
Total expenditures	41,866.57

Cost Analysis - Drilling AR 01-04

Cost Analysis - Drilling AR 01-04

	Feet	Metres	Cost per foot	Hours	Cost per Hour	Bags	Cost per Bag	Cost
Casing to 50 ft.	10.0	3.0	25.00					250.00
Casing below 50 ft.	0.0	0.0	25.00					0.00
Drilling to 500 ft. (HQ)	198.0	60.4	25.00					4,950.00
Drilling below 500 ft. (HQ)			26.00					0.00
Total feet--metres	**208.0**	**63.4**						
Reaming				6.0	35.00			210.00
Conditioning				6.0	35.00			210.00
Sludge Collection				4.0	35.00			140.00
Moving				55.5	35.00			1,942.50
Waterline				17.0	35.00			595.00
Drill Rental				8.0	21.00			168.00
Truck (Tractor Trailer)				3.0	85.00			255.00
D7 Cat				10.5	130.00			1,365.00
D7 Cat (mob. and demod.)								2,000.00
Crew travel				22.0	35.00			770.00
Mud						250	10.00	2,500.00
Other						93	10.00	930.00

September 15, 2001

Total Cost	16,285.50
GST	1,139.99
Total	17,425.49

Overall Cost per foot (Excluding GST)	78.30
Overall Cost per metre (Excluding GST)	256.87

D.D.H. AR-01-04

Northern Platinum Ltd.

Diamond Drill Log

D.D.H. AR-01-04

Property: **Wellgreen**
Drilling Contractor: **E. Caron Diamond Drilling Ltd.**
Date Started: September 8, 2001
Date Completed: September 10, 2001

Final Depth: 63.40 m (208 ft)

Collar Grid Coordinates

	East	North	Elevation
UTM	574665 E	6816984 N	1378 m
Local Grid			

Depth	Azimuth	Dip
collar	20°	-45°
61.88 m		-42°

Logged by: J. Wayne Pickett, P.Geo.

Samp. - Sample; Rep. - Represented; Act. - Actual

From - To	Description	Samp.	From	To	Metres Rep.	Metres Act.	Cu ppm	Ni ppm	Co ppm	Pt ppb	Pd ppb
0.00-3.05 m	**Overburden**										
3.05-40.50 m	**Peridotite** very dark green, fine grained, feldspathic in some sections, clinopyroxene, estimated 40% olivine, matrix serpentinized and talcose in places, trace phlogopite, trace pyrrhotite locally, core is moderate to badly broken	1001	3.00	5.00	2.00	1.47	251	2641	145	137	181
		1002	5.00	7.00	2.00	1.75	316	2496	150	124	163
		1003	7.00	9.00	2.00	1.89	394	2391	152	79	122
		1004	9.00	11.00	2.00	1.84	330	2305	151	71	97
		1005	11.00	13.00	2.00	1.51	323	2108	139	63	85
		1006	13.00	15.00	2.00	1.69	380	2186	135	81	104
6.20 m	0.5% pyrrhotite and chalcopyrite	1007	15.00	17.00	2.00	1.76	466	2318	136	92	123
14.60 m	slickenslided carbonate-bearing vein about 5 cm wide	1008	17.00	19.00	2.00	1.86	505	2624	150	144	200
16.40-16.60 m	faulted, serpentinized	1009	19.00	21.00	2.00	1.59	373	2497	143	98	141
21.00-36.10	poikilitic texture with plagioclase grains containing abundant olivine and clinopyroxene crystals, 0.5% pyrrhotite in several sections, sulphides occur in matrix and locally exhibit net texture	1010	21.00	23.00	2.00	1.74	368	2542	151	102	172
		1011	23.00	25.00	2.00	1.82	305	2248	142	83	143
		1012	25.00	27.00	2.00	1.72	670	2761	150	145	236
		1013	27.00	29.00	2.00	1.73	769	2518	142	134	206
30.50 m	asbestos slickenslided surface at 30° relative to core axis	1014	29.00	31.00	2.00	1.55	602	2775	152	126	221
31.40 m	asbestos slickenslided surface at 45° relative to core axis	1015	31.00	33.00	2.00	1.49	738	2811	154	118	200
36.10-40.50 m	lesser feldspar	1016	33.00	34.50	1.50	1.19	310	2303	142	95	157
36.30 m	quartz and calcite vein about 20 cm wide at 35° relative to core axis	1017	34.50	36.00	1.50	1.29	1102	2501	142	107	184
		1018	36.00	38.00	2.00	1.93	823	2659	155	85	163
38.10 m	quartz and calcite vein about 5 cm wide at 45° relative to core axis	1019	38.00	40.00	2.00	1.82	546	2507	148	109	174

D.D.H. AR-01-04

From - To	Description	Samp.	From	To	Metres Rep.	Metres Act.	Cu ppm	Ni ppm	Co ppm	Pt ppb	Pd ppb
40.50-50.70 m	**Feldspathic Peridotite** poikilitic olivine- and clinopyroxene-bearing plagioclase grains, 0.5% pyrrhotite and chalcopyrite, 2-5% serpentine veins typically 2-3 mm wide, serpentine veins contain thin pyrrhotite and chalcopyrite veins typically aligned parallel to host serpentine veins, rock is highly fractured	1020	40.00	42.00	2.00	1.84	1229	3191	164	238	367
		1021	42.00	44.00	2.00	1.87	1103	2780	150	228	298
		1022	44.00	46.00	2.00	1.37	883	2768	153	213	336
		1023	46.00	48.00	2.00	1.32	1613	3595	173	279	455
		1024	48.00	49.50	1.50	1.97	2008	3234	153	243	360
		1025	49.50	50.70	1.20	0.97	1525	2812	156	171	304
		1026	50.70	51.70	1.00	0.84	2730	2861	152	353	518
50.70-54.30 m	**Gabbro** medium grey, medium grained, subophitic intergrownth of chloritized clinopyroxene and saussuritized plagioclase, trace phlogopite, about 1 to locally 2-5% pyrrhotite and lesser chalcopyrite, several serpentine/chlorite veins typically 1-2 cm wide, calcite and chlorite veins throughout accompanied by thin chalcopyrite and pyrrhotite veins locally, rock is foliated in several sections	1027	51.70	52.70	1.00	0.53	3096	3242	160	465	684
50.70 m	foliated serpentinized carbonatized zone at 25 ° relative to core axis										
52.80 m	foliation at 20° relative to core axis										
52.30-52.60 m	chalcopyrite- and pyrrhotite-bearing carbonate vein subparallel to core axis	1028	52.70	53.70	1.00	0.87	2806	3237	160	459	689
		1029	53.70	54.30	0.60	0.46	3469	3858	176	628	688
54.10-54.30 m	gabbro is bleached										
54.30-56.50 m	**Silicified, Bleached Gabbro** white, silicified, bleached, contains 10-95% pyrrhotite (pentlandite) and lesser chalcopyrite, locally contains patch epidote	1030	54.30	54.90	0.60	0.42	104	558	24	26	41
54.30-54.90 m	bleaching and alteration generally more intense in this section										
54.90-56.50 m	section less bleached and altered, gabbro textures preserved, this section also more sulphide rich										
55.00-55.40 m	**Semi-massive Sulphides** irregular but generally rounded elongate masses, typically 0.5 to 10 cm across of pyrrhotite (pentlandite) and chalcopyrite, sulphides occur in bleached gabbro, estimated **40% sulphides overall** of which about 20% is chalcopyrite										

D.D.H. AR-01-04

From - To	Description	Samp.	From	To	Metres Rep.	Metres Act.	Cu ppm	Ni ppm	Co ppm	Pt ppb	Pd ppb
55.40-55.52 m	**Massive Sulphides**	1031	54.90	55.90	1.00	0.82	**41803**	**19779**	**763**	**1681**	**2329**
	massive pyrrhotite (pentlandite) and chalcopyrite, estimated 60% chalcopyrite										
55.52-56.18 m	**Semi-massive Sulphides**	1032	55.90	56.50	0.60	0.60	**8371**	**8023**	**265**	678	**1155**
	irregular rounded elongate masses, blebs and stringers of pyrrhotite (pentlandite) and chalcopyrite, estimated chalcopyrite amounts to about 40% of sulphides, estimated sulphides comprise about 30% of rock										
56.18-56.50 m	about 10% patchy, irregular masses of pyrrhotite (pentlandite) and chalcopyrite										
56.38-56.50 m	mafic mineral probably clinopyroxene exhibits "myrmekitic" or dendritic growth										
56.50-59.24 m	**Tuffaceous Siltstone**	1033	56.50	57.50	1.00	0.95	194	78	11	< 2	4
56.50-56.80 m	pale green, silicious, contains abundant rounded quartz grains										
56.80-59.24 m	pale green to pale brown, abundant white grains (leucoxene?), few calcite veins, typically 2-4 mm wide, calcite veins locally abundant										
57.40-57.50 m	irregular rounded mass of darker material, possibly fine grained gabbro	1034	57.50	58.50	1.00	0.92	31	36	9	5	< 2
58.80-59.24 m	brecciated, angular fragments, typically 0.5 to 2.0 cm across, of pale olive green siltstone occur in calcite matrix	1035	58.50	60.00	1.50	1.43	10	17	5	< 2	< 2
59.24-63.40 m	**Silicious Tuffaceous Siltstone**	1036	60.00	61.90	1.90	1.68	11	29	5	7	< 2
	pale green to pale olive green, locally contains discontinuous broken beds typically 1.5 cm thick, rock is fractured and, in places, brecciated, abundant calcite in matrix, tiny white grains (leucoxene?) in some sections	1037	61.90	63.40	1.50	1.47	10	28	5	< 2	< 2
59.30 m	bedding at 40° relative to core axis										
63.40 m	**E.O.H.**										

Appendix A

PROSPECTING REPORT

on the

ARCH JOINT VENTURE CLAIMS

[Barny 1 to 50 Quartz Claims]
[Mus 5, 6, 12, 14 and 16 Quartz Claims]

Located NTS 115G/5
61° 29' North Latitude, 139° 36' West Longitude
Southwestern Yukon Territory, Canada
Within the Whitehorse Mining District

Work Performed on Behalf of

NORTHERN PLATINUM LTD.
1066 West Hastings Street
Vancouver, B.C. V6E 3X1
604-687-6875

Work Done During July 2001

by

DAVID JAVORSKY, PROSPECTOR
P.O. Box 806
Stewart, B.C.
V0T 1W0

July 10, 2001

TABLE OF CONTENTS

INTRODUCTION

Northern Platinum holds claims, per contract with the Arch Joint Venture Group, previously known as the Arch Group. The Barney Claims are located to the west of the Wellgreen Nickel Copper Mine which is located on the adjoining claim block to the east. The geology appears to be similar and extend from the Wellgreen Mine onto the Barny Claims.

The Wellgreen Mine operated during 1972 and 1973 mining 171,652 tonnes of ore grading 2.23% nickel, 1.39% copper, 0.065 oz/ton platinum, and 0.073% cobalt. Production was suspended in July 6, 1973 due to falling metal prices. With favourable market prices, the Wellgreen Mine could be reopened.

The geology of the Barny Claims is quite similar to that on the Wellgreen Mine and is mapped as a continuation of the same Quill Creel Ultramafic Complex.

Northern Platinum has financed the 2001 exploration program on the Barny Claims. A John Deere 450 tractor cleared the road and a Ford Bronco 2 was used to access the claims.

A Self Potential survey was performed to show the location of massive sulphides under the permafrost and muskeg. The S.P. survey worked well. Sampling was done on sub-outcrop dug out of the steep hillside.

The Barny Claims show nice massive chalcopyrite and pentlandite mineralization and justify a trenching program to define this new-found showing.

PROPERTY, LOCATION AND ACCESS

The Barny Quartz Claims adjoin the west end of the Wellgreen Mine property. The Barny Claims consist of 48 contiguous claims both full size and fractional, and include the 5 Mus Claims. The claims are registered with the Whitehorse Mining Recorder and plotted on Quartz Claim Map 115G5.

The centre of the claim are located in the southwest section of the Yukon Territory of Canada, approximately 310 km westerly from Whitehorse, the economic hub of the Yukon.

The claims are accessible from the paved Alaska-Yukon highway onto the old Wellgreen Mine gravel road that runs up Quill Creek and Nickel Creek and across a pass to Arch Creek. From the valley bottom, the showings are accessible by short-wheel base 4x4 Jeep-type vehicles that can handle the steep grades and tight switchbacks.

The claims status was checked with the Whitehorse Mining Recorder's office on 27 June 2001 and are as follows:

Claim Name	Grant Number	Expiry Date
Barny 1-6	YA94968 - YA94973	Feb. 11, 2002
Barny 7-14	YA96002 - YA96009	Feb. 11, 2002
Barny 19-32	YA96867 - YA96880	Feb. 11, 2002
Barny 33-39	YA97896 - YA97902	Feb. 11, 2002
Barny 41-43	YA97904 - YA97906	Feb. 11, 2002
Barny 45	YA97908	Feb. 11, 2002
Barny 47-49	YA97910 - YA97912	Feb. 11, 2002
Barny 50	YB08307	Feb. 11, 2002
MUS 5-6	YA94966 - YA94967	Feb. 11, 2002
MUS 12	YA96015	Feb. 11, 2002
MUS 14	YA96017	Feb. 11, 2002
MUS 16	YA96019	Feb. 11, 2002

The claims are 100% owned by the Arch Joint Venture who have entered into a contract with Northern Platinum Ltd.

HISTORY AND PREVIOUS WORK

The Barny Claims are located approximately 5 km westerly of the Wellgreen Mine. The Barny Claims appear to cover the westerly extension of the Ultramafic Complex that host the Wellgreen nickel-copper PGE Mine. The terrain is characterized by long, steep (approximately 25° to 45°) slopes cut by numerous dry creeks. Elevation ranges from 6000 feet along the ridge crest to 4500 feet on the floor of Arch Creek. Outcrops in the area are rare and confined to the ridge crest and eroded creek cut exposures.

The presence of mafic and ultramafic rock and their potential to host Quill Creek Complex (Wellgreen) type massive sulphide mineralization was first recognized by Yukon Mining Company Limited which, in 1952, staked the Jeep Claims. The Jeep Claims were subsequently optioned to Hudson Bay Mining and Smelter Company Limited. Prospectors Airway Limited investigated the area of the Barny Claims and discovered the Airways showing in 1952. The area was consolidated into a package by Archer Cathro and Associates (1981) Limited in 1986; who did major exploration programs in 1986. 1987 and 1988; as the Kluana Joint Venture Group and the Arch Joint Venture. Currently, the Barny Claims are being explored by Northern Platinum Ltd.

In 1997, preliminary exploration by Northern Platinum Ltd. indicated an exploration target on the Barny 1 quartz claim. This author was involved in the 1997 exploration and was rehired in 2001 to further develop this exploration target and try to define the source of the high grade float found in 1997.

In his 1988 Assessment Report of the Arch Property, W. Eaton describes the Airways showing and six areas of interesting mineralization in a small area crossing the Barny 1 and 3 Claims. A sample from the Airways showing across 1.5 m assayed: 0..57% Cu, 2.51% Ni, 0.051 oz/t Pt, and 0.093 oz/t Pd.

PROSPECTING

The 2001 exploration program started with clearing slide rocks of the trails with a John Deere 450 Tractor. Some traditional "Boots and Hammer" prospecting and a Self Potential Geophysical survey to find the source of the high grade float. The Self Potential survey line showed a negative S.P. anomaly of over negative 200 millivolts. A hand dug pit exposed weathered nickel-copper mineralization in the form of chalcopyrite and pentlandite in sub-outcrop on a steep slope covered by muskeg and permafrost. Because of the high grade nature of this mineralization which is exposed for over 2 metres in the test pit, a trenching program with an excavator is recommended.

Samples were taken of the massive sulphide mineralization and sent to Acme Analytical Laboratories Ltd., Vancouver, British Columbia for 30-Element ICP analyses and gold, platinum and palladium by fire assay collection of a bead with ICP finish.

Sample #27915 Mineralized float showing massive sulphides
GPS: 0574665N, 6817033E

Sample #27916 Mineralized float showing massive sulphides
GPS: 0574672N, 6817021E

Sample #27917 Mineralized float showing massive sulphides
GPS: 0574674E, 6817021N

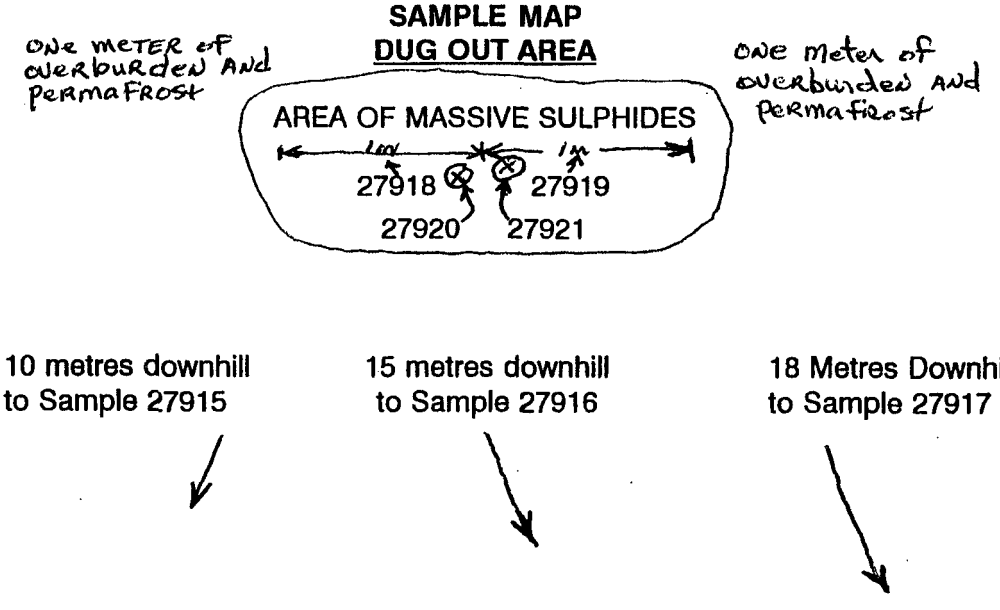
Sample #27918 Dug out bank at point the S.P. indicated a negative 186 millivolts D.C. The sub-outcrop is probably sloughing down the hill below the permafrost and muskeg. Massive sulphides. 1 meter long Sample.
GPS: 0574669E, 6817025N

Sample #27919 Next to Sample 27918 in the dug out pit. Massive sulphides. Massive sulphides are exposed for 2 metres across the dug out area.
GPS: 0574679E, 6817025N 1 METER LONG Sample

Sample #27920 Sample was taken from the above dug out pit attempting to get high grade unweathered chalcopyrite. Selected sample.
GPS: 0574692E, 6817022N

Sample #27921 Selected sample taken from above dug out pit trying to obtain high grade pentlandite.
GPS: 0574692E, 6817022N

Samples 17918 through 27921 sere taken from an area 3 m by 5 m at different times. Even though the GPS recordings show a difference of about 18 metres.



THE SELF POTENTIAL SURVEY

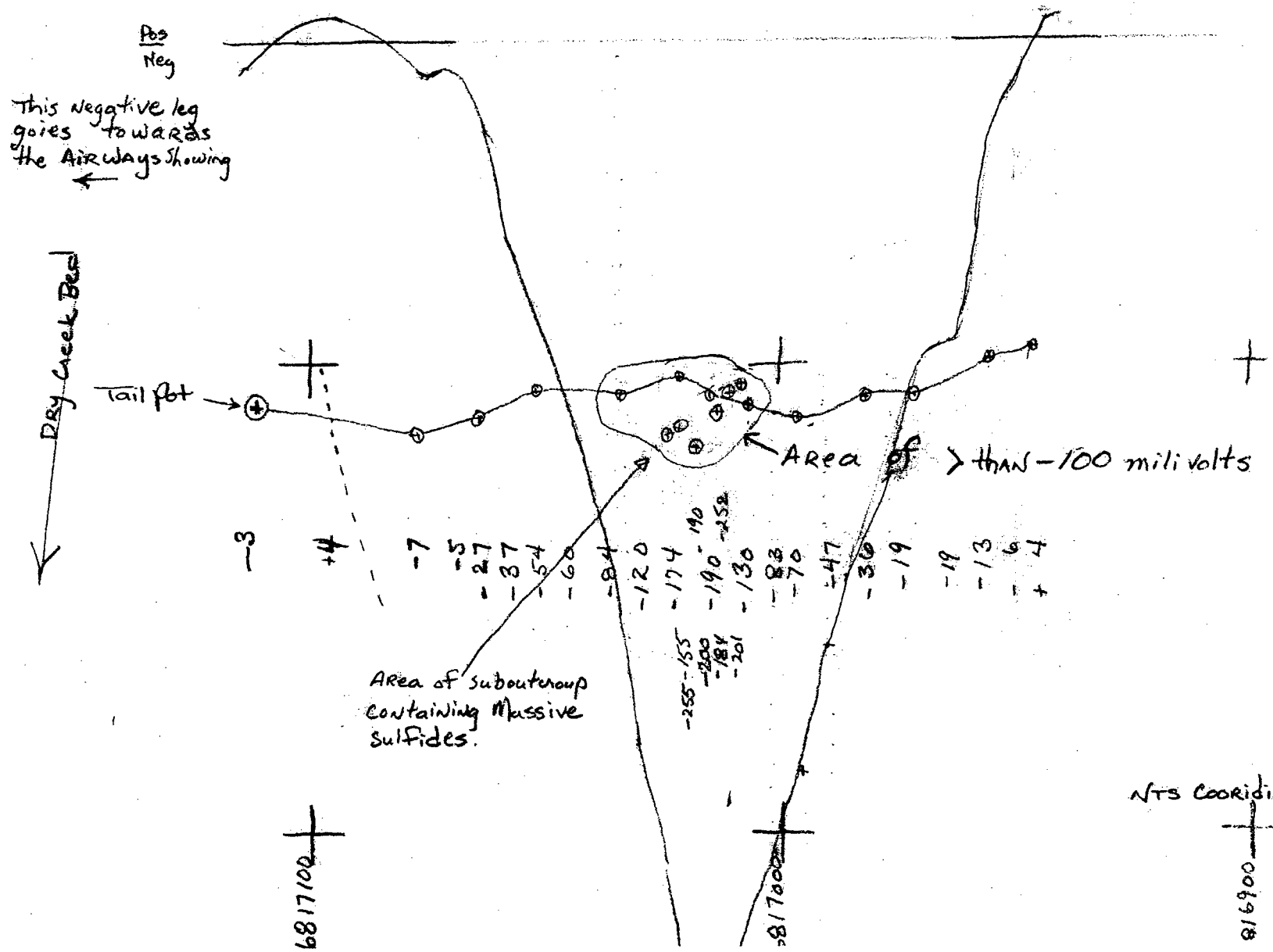
Self Potential or Spontaneous Polarization is one of the electrical methods of geophysics where the Battery Effect of the earth is measured. The term "Spontaneous Polarization" means that the particular mineral body spontaneously acquires an electrical polarity where one end of the mineral body becomes positive and the other end becomes negative in respect to each other. Usually, one end of the mineral body will be below the water table and the other end will be above the water table boundary in an area where oxygen will help in decomposing the mineral body. The term "Self Potential" means that the mineral body itself generates an electrical potential or force. The breakdown of the sulphides in a mineral body create a condition of sulphuric acid in the oxygen area above the water table boundary. These acid solutions in contact with the metallic conductor (sulphide mineral body) generate a current between the top (decomposed) and the bottom (unweathered) part of the mineral body. These currents can be measured with a D.C. Millivolt Meter. The S.P. method of geophysics is a good prospecting tool. In the following survey, the negative value was over the mineralized body. A negative high over -200 millivolts D.C. indicates a good massive sulphide mineral body.

SELF POTENTIAL SURVEY

across the "SP" showing

3 July 2001
D. Javorsky
Prospector

Scale 1:1250
0 10 20 30 40 50



5514800
5514700
5514600
6817200
6817100
6817000
6816900
NTS Coordinants

CONCLUSION

The Self Potential survey indicates a buried mineralized sulphide body under the muskeg and permafrost. The hand dug test pit exposes nice-looking massive sulphide mineralization across the two metre width of the test pit. The mineralization is similar to that mined at the Wellgreen Mine. Both chalcopyrite and pentlandite were part of the massive sulphide mineralization.

A trenching program with an excavator is warranted to define this mineralized zone.

FURTHER PROSPECTING

The massive sulphide zones are close to the disseminated sulphide zones. The disseminated sulphide zones have been well mapped by previous operators. The disseminated sulphide zones have a good geophysical signature. To find further massive sulphide zones, do an S.P. survey along the disseminated sulphide zones. The massive sulphide zones appear to be lenses within or along the disseminated sulphide zones.

AUTHOR'S STATEMENT OF QUALIFICATIONS

I, David Javorsky, Prospector, residing on Glacier Avenue, Stewart, British Columbia, and receiving mail at P.O. Box 806, Stewart, B.C. Canada, V0T 1W0, 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" School.

That I have completed the "Prospecting and 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 contents to be true.

Respectfully submitted,

David Javorsky

David Javorsky
Prospector

July 10, 2001

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A. On Prospecting

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Muller, J.E., 1967, Kluane Lake Map Area, Yukon Territory, Geological Survey of Canada, Memoir 340.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Northern Platinum PROJECT Arch File # A102170

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
27706	5	32899	22	130	10.1	31328	1296	103	18.93	9	20	<2	4	3	4.7	6	11	60	5.10	<.001	2	56	.03	6	.05	32	.88	.01	.01	<2	255	2900	4758
27707	4	41232	36	167	11.3	28249	1205	93	18.36	<2	17	<2	4	13	3.8	6	12	36	1.45	<.001	1	48	.04	10	.04	8	.69	.01	.01	<2	805	2776	6283
27708	3	35803	39	118	11.9	30389	1172	95	17.46	9	16	<2	5	4	3.6	13	15	27	3.43	<.001	1	31	.03	9	.04	13	.80	.01	.01	<2	436	3197	7477
27915	5	31454	25	133	9.5	19378	745	101	13.63	8	12	<2	4	3	3.6	9	6	44	7.40	.001	2	38	.02	23	.06	16	1.10	.01	.01	<2	301	3742	4776
27916	3	29288	20	99	7.8	26787	1196	122	22.41	12	15	<2	4	2	3.8	10	12	58	2.63	.001	1	75	.04	6	.05	11	.65	.01	.01	7	73	1932	2787
27917	4	33914	15	121	10.2	25387	1118	94	15.81	10	16	<2	4	2	3.8	14	13	46	5.30	.003	2	77	.03	6	.05	55	.91	.01	<.01	<2	56	1874	3525
27918	4	34388	22	126	9.0	26550	1370	120	21.72	15	21	<2	4	2	5.5	19	10	42	5.21	<.001	2	118	.04	5	.04	12	.79	.01	.01	<2	189	2113	2707
27919	6	28248	28	110	8.5	19618	796	77	11.96	9	10	<2	4	3	2.5	13	8	38	4.24	.007	2	44	.04	9	.06	14	.96	.01	<.01	5	199	2621	6579
27920	3	37250	31	149	10.1	32787	1305	124	21.46	16	18	<2	4	2	3.8	14	14	66	3.37	<.001	<1	41	.02	5	.04	25	.64	.01	<.01	<2	481	2782	5367
27921	2	21251	47	86	6.6	32818	1415	109	30.22	10	19	<2	5	4	2.2	9	16	41	2.24	<.001	2	41	.03	6	.05	13	.57	.01	.01	4	78	3033	3337
27922	1	1472	7	45	.8	3715	187	701	8.63	9	<8	<2	<2	1	3.3	4	<3	19	.36	.012	<1	1028	16.69	10	.03	80	.75	<.01	.06	<2	33	276	474
RE 27922	1	1505	6	47	.6	3771	189	710	8.74	6	<8	<2	<2	2	2.3	5	<3	21	.39	.012	<1	1029	16.68	12	.05	81	.76	<.01	.06	<2	18	277	474
27923	<1	1585	4	39	.4	3227	178	604	7.87	5	<8	<2	<2	1	2.9	<3	<3	19	.41	.009	<1	973	15.92	13	.03	101	.83	<.01	.08	<2	20	251	421
27924	1	1852	6	45	.8	3603	198	589	8.47	5	<8	<2	<2	1	3.1	4	<3	30	.33	.012	<1	1016	16.45	16	.04	99	.76	<.01	.07	<2	14	275	447
27925	3	4404	8	31	2.4	747	85	145	8.21	7	<8	<2	<2	15	2.3	10	<3	78	3.51	.024	1	148	1.25	15	.13	17	3.23	.02	.02	2	3	79	59
27930	1	209	<3	14	<.3	555	44	836	4.46	33	<8	<2	<2	217	1.4	<3	<3	43	5.64	.014	1	647	7.68	79	.01	9	.44	<.01	.02	<2	4	28	58
STANDARD C3/FA-10R	27	67	38	174	6.4	38	12	782	3.35	58	23	2	21	29	25.2	17	23	86	.58	.089	20	184	.63	152	.09	23	1.84	.04	.16	15	475	497	496
STANDARD G-2	2	10	6	48	<.3	13	4	541	2.06	<2	<8	<2	5	71	.6	6	3	44	.65	.092	9	84	.61	221	.14	3	.94	.08	.46	2	-	-	-

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.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** PT** PD** GROUP 3B BY FIRE ASSAY & ANALYSIS BY ICP-ES. (10 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 13 2001 DATE REPORT MAILED: July 25/01 SIGNED BY ..... C.LEONG .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY RECOMMENDED for Cu > 1%
Ni > 5000 ppm
Pt, Pd > 1000 ppb

Data ✓ FA ___

Appendix B

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
30331	1	1206	5	43	.5	2621	146	1000	7.94	8	<8	<2	<2	7	<.2	<3	5	29	.51	.019	2	584	15.27	58	.06	80	1.70	.01	.10	<2	27	341	478
30332	<1	1142	3	45	.5	2436	133	990	7.65	8	<8	<2	<2	14	.2	3	3	20	.54	.016	2	394	14.80	88	.05	111	1.59	.01	.12	<2	16	139	213
30333	1	1093	<3	37	.6	2524	129	914	7.75	8	<8	<2	<2	16	.2	<3	3	27	1.23	.017	2	558	14.22	75	.05	89	1.64	.01	.11	<2	13	154	237
30334	<1	1208	5	46	.3	2429	123	941	7.43	13	<8	<2	<2	16	<.2	<3	<3	36	1.32	.018	3	676	13.89	70	.06	92	1.69	.01	.11	<2	47	177	249
30335	<1	1005	4	36	.3	2046	118	1203	6.79	23	<8	<2	<2	65	.5	<3	<3	35	4.57	.016	3	665	12.63	64	.06	85	1.62	.01	.10	<2	20	125	187
30336	<1	609	<3	20	<.3	1980	116	1131	7.06	42	<8	<2	<2	84	.3	<3	3	58	2.96	.017	2	1041	10.34	57	.03	51	1.83	.01	.05	<2	25	170	283
30337	1	721	5	25	<.3	2585	139	1060	8.27	23	<8	<2	<2	49	<.2	<3	<3	52	2.36	.018	2	1058	12.72	72	.05	70	1.89	.01	.09	<2	28	184	276
30338	<1	975	8	29	<.3	2805	156	1060	9.09	15	<8	<2	<2	23	.3	<3	<3	56	1.63	.018	2	1049	13.53	88	.05	79	1.92	.01	.14	<2	27	274	366
30339	<1	1611	4	29	.4	2447	143	1209	7.95	13	<8	<2	<2	125	.4	<3	<3	50	5.81	.020	2	944	11.35	88	.05	78	1.71	.01	.11	<2	22	243	361
30340	<1	1613	3	33	.6	2658	153	1029	8.58	13	8	<2	<2	32	.3	3	<3	50	2.67	.018	2	891	12.13	92	.05	84	1.90	.01	.10	<2	33	262	349
30341	1	1454	3	31	.3	2908	153	1088	9.12	12	<8	<2	<2	66	.2	<3	4	46	2.57	.016	2	835	12.57	116	.05	80	1.80	.01	.12	<2	44	292	406
30342	1	1831	5	30	.3	2974	171	1111	9.07	13	<8	<2	<2	70	.3	3	3	44	2.10	.018	2	794	12.93	114	.06	91	1.86	.01	.13	<2	35	302	402
30343	2	1763	6	28	.4	2716	145	1162	7.44	89	<8	<2	<2	136	.2	4	<3	55	7.46	.020	2	903	9.50	121	.05	91	1.86	.01	.08	<2	28	307	431
30344	3	2531	6	35	<.3	3597	202	1345	7.95	66	<8	<2	<2	185	.4	7	4	158	6.50	.030	5	1021	6.35	208	.11	13	4.18	.01	.06	<2	8	150	254
30345	14	3966	4	37	.9	7028	228	1232	10.92	134	<8	<2	<2	191	.5	21	5	153	5.82	.031	6	784	4.36	400	.05	7	3.74	.01	.15	<2	36	763	4674
30346	2	1423	5	48	.5	2685	160	1426	7.86	35	<8	<2	<2	280	.7	6	<3	158	8.73	.029	5	1045	5.69	204	.04	8	4.00	.01	.03	<2	24	174	288
30347	3	2253	6	30	<.3	2369	167	1490	7.61	129	<8	<2	<2	345	.4	6	<3	144	10.33	.030	4	1022	5.04	133	.02	5	3.63	.01	.01	<2	32	232	394
RE 30347	3	2224	3	30	.3	2336	165	1457	7.46	127	<8	<2	<2	338	.4	6	3	140	10.11	.029	5	1000	4.90	132	.02	5	3.54	.01	.02	<2	23	224	385
30348	6	9673	5	32	.8	8762	384	1507	6.69	148	<8	<2	2	289	<.2	28	<3	100	8.13	.023	6	714	3.42	101	.01	5	3.22	.01	.05	<2	70	237	440
30349	18	8982	24	48	1.1	12915	482	616	13.17	251	<8	<2	3	48	<.2	46	<3	106	.86	.034	13	193	1.70	202	.01	7	3.28	.02	.09	<2	50	1534	2030
30350	12	12517	34	90	1.6	10948	339	590	9.71	582	<8	<2	2	165	<.2	51	<3	99	3.76	.042	7	208	1.47	1409	.01	5	2.54	.02	.04	<2	26	679	991
30351	6	8148	10	35	.9	11452	442	1277	7.42	2414	<8	<2	2	241	<.2	128	<3	80	7.85	.026	8	454	2.16	161	.01	7	2.32	.01	.10	<2	148	542	709
30352	3	284	<3	6	<.3	1327	71	555	1.52	334	<8	<2	4	92	<.2	18	<3	14	4.47	.039	26	53	.27	110	<.01	3	.52	.04	.16	<2	<2	<2	15
30353	1	62	<3	13	<.3	296	20	552	2.54	65	<8	<2	2	92	<.2	<3	<3	22	5.20	.044	21	77	1.10	87	<.01	4	1.00	.03	.21	<2	2	<2	4
1001	<1	251	3	31	<.3	2641	145	938	7.70	7	<8	<2	<2	4	<.2	<3	3	19	.14	.014	2	592	18.82	25	.03	103	1.10	.01	.10	<2	12	137	181
1002	<1	316	4	30	<.3	2496	150	1021	7.86	7	<8	<2	<2	4	<.2	<3	<3	16	.10	.013	1	531	19.53	17	.03	102	.99	<.01	.06	<2	7	124	163
1003	<1	394	<3	35	<.3	2391	152	1145	8.33	5	<8	<2	<2	5	<.2	<3	<3	17	.09	.013	2	524	20.24	15	.03	106	1.05	<.01	.04	<2	7	79	122
1004	1	330	5	31	<.3	2305	151	1089	8.04	7	<8	<2	<2	3	<.2	<3	<3	16	.07	.012	1	527	19.89	15	.03	99	1.03	<.01	.06	<2	4	71	97
1005	1	323	5	30	<.3	2108	139	1066	7.62	6	<8	<2	<2	3	<.2	<3	<3	18	.07	.012	2	536	19.60	13	.03	100	1.03	<.01	.04	<2	6	63	85
1006	2	380	<3	31	.3	2186	135	1091	7.57	6	<8	<2	<2	4	<.2	<3	<3	18	.60	.014	1	636	19.19	13	.03	97	1.03	<.01	.06	<2	11	81	104
1007	<1	466	8	29	.3	2318	136	1069	7.69	6	<8	<2	<2	4	<.2	<3	<3	19	.32	.012	1	623	19.55	11	.03	104	1.00	<.01	.04	<2	9	92	123
1008	<1	505	5	32	.3	2624	150	962	7.61	5	<8	<2	<2	3	<.2	<3	<3	15	.07	.013	1	527	19.36	12	.02	99	1.02	<.01	.04	<2	12	144	200
1009	2	373	<3	29	<.3	2497	143	1014	7.83	6	<8	<2	<2	4	<.2	<3	<3	17	.11	.012	2	600	19.50	12	.02	99	1.00	<.01	.05	<2	9	98	141
1010	1	368	<3	29	<.3	2542	151	1027	7.68	4	<8	<2	<2	4	<.2	<3	<3	17	.39	.013	1	665	18.66	25	.03	103	1.08	<.01	.07	<2	10	102	172
STANDARD DS3/FA-10R	9	131	34	159	<.3	35	12	846	3.35	33	<8	<2	4	29	5.8	5	5	85	.57	.100	19	190	.64	160	.09	3	1.86	.04	.18	5	479	484	473

Sample type: ROCK PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

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
1011	<1	305	4	40	<.3	2248	142	1038	7.72	3	11	<2	<2	4	<.2	<3	<3	15	.57	.014	1	628	18.49	26	.03	99	1.06	<.01	.07	<2	11	83	143
1012	<1	670	6	44	<.3	2761	150	1071	8.11	4	<8	<2	<2	4	.5	<3	<3	16	.47	.014	1	644	18.61	35	.04	93	1.10	<.01	.10	<2	17	145	236
1013	1	769	8	45	.4	2518	142	1069	7.90	3	<8	<2	<2	5	.4	<3	<3	17	.65	.015	1	632	18.51	35	.04	91	1.17	<.01	.07	<2	13	134	206
1014	1	602	<3	48	<.3	2775	152	1083	8.09	6	12	<2	<2	5	.4	<3	5	15	.57	.014	1	594	18.52	38	.04	96	1.17	.01	.09	<2	10	126	221
1015	2	738	7	49	.5	2811	154	1141	8.38	4	9	<2	<2	6	.2	<3	<3	21	.69	.016	1	722	18.62	27	.04	92	1.19	.01	.07	<2	21	118	200
1016	<1	310	6	29	<.3	2303	142	1093	7.90	3	<8	<2	<2	5	<.2	<3	<3	31	1.00	.031	3	1086	17.36	45	.06	80	1.55	.01	.12	<2	10	95	157
1017	1	1102	7	38	<.3	2501	142	1061	7.23	5	15	<2	<2	5	.2	<3	<3	30	.78	.030	2	967	17.86	41	.06	73	1.65	.01	.12	<2	28	107	184
1018	<1	823	7	45	<.3	2659	155	1014	7.87	6	11	<2	<2	6	<.2	<3	<3	13	.35	.016	2	709	18.92	23	.03	91	1.33	.01	.07	<2	16	85	163
1019	1	546	5	36	<.3	2507	148	921	7.71	3	8	<2	<2	6	.3	3	<3	19	.47	.017	1	815	17.17	25	.04	87	1.26	.01	.07	<2	12	109	174
1020	<1	1229	5	48	<.3	3191	164	1081	8.44	6	12	<2	<2	6	.2	<3	<3	13	.61	.021	2	427	16.78	43	.05	97	1.60	.01	.10	<2	18	238	367
1021	<1	1103	5	48	<.3	2780	150	1020	8.10	5	<8	<2	<2	7	<.2	<3	3	17	.86	.019	2	423	16.04	42	.05	84	1.68	.01	.09	<2	21	228	298
1022	<1	883	12	42	.3	2768	153	949	8.35	4	<8	<2	<2	6	.3	<3	<3	28	.73	.018	2	413	15.79	35	.05	73	1.59	<.01	.06	<2	6	213	336
1023	<1	1613	5	46	.3	3595	173	895	9.03	11	<8	<2	<2	6	.2	3	<3	35	.31	.019	1	475	14.89	39	.04	74	1.68	<.01	.07	<2	62	279	455
1024	<1	2008	3	47	<.3	3234	153	945	8.53	5	<8	<2	<2	9	.3	<3	<3	39	.67	.043	3	562	14.69	75	.07	90	1.83	.01	.15	<2	107	243	360
1025	1	1525	9	43	<.3	2812	156	927	8.98	4	<8	<2	<2	12	<.2	<3	<3	65	1.24	.126	8	652	14.44	75	.07	97	1.76	.01	.15	<2	29	171	304
1026	<1	2730	4	49	.6	2861	152	760	8.11	5	<8	<2	<2	8	.2	3	<3	67	1.06	.032	4	775	10.80	71	.12	55	2.44	.01	.20	<2	105	353	518
1027	1	3096	7	66	.4	3242	160	787	8.73	5	10	<2	<2	10	.6	3	<3	76	1.12	.030	2	936	10.56	60	.13	50	2.48	.01	.15	<2	68	465	684
RE 1027	<1	3037	4	69	.6	3230	160	772	8.62	4	<8	<2	<2	9	.3	3	<3	76	1.11	.029	3	909	10.45	58	.13	51	2.45	.01	.14	<2	135	439	622
1028	2	2806	<3	65	.5	3237	160	751	8.74	3	<8	<2	<2	11	<.2	<3	<3	76	.53	.028	2	774	9.85	66	.13	48	2.66	.01	.18	<2	22	459	689
1029	<1	3469	12	70	.6	3858	176	547	7.89	3	<8	<2	<2	6	.4	<3	<3	79	1.05	.027	2	877	6.89	11	.13	13	3.19	<.01	.02	<2	21	628	688
1030	1	104	4	8	<.3	558	24	90	.55	<2	<8	<2	4	114	<.2	<3	3	22	10.72	.032	5	32	.12	4	.11	31	2.58	<.01	<.01	<2	23	26	41
1031	2	41803	14	113	7.9	19779	763	58	13.98	11	17	<2	2	34	4.2	<3	29	17	5.42	<.001	2	55	.09	4	.06	184	1.35	<.01	<.01	<2	99	1681	2329
1032	<1	8371	10	82	2.6	8023	265	111	4.85	9	11	<2	3	56	2.0	<3	<3	32	6.38	.021	4	39	.07	4	.08	93	2.04	.01	<.01	<2	203	678	1155
1033	1	194	6	48	<.3	78	11	531	3.08	2	10	<2	5	34	.3	<3	3	54	3.36	.039	7	62	.89	8	.09	6	1.33	.05	.03	2	<2	<2	4
1034	1	31	47	75	<.3	36	9	586	3.34	<2	<8	<2	2	42	.7	<3	<3	94	4.31	.058	6	46	1.07	9	.09	<3	1.59	.05	.04	<2	<2	5	<2
1035	4	10	15	19	<.3	17	5	540	2.42	<2	<8	<2	<2	46	.2	<3	<3	33	6.21	.080	6	30	.56	27	.08	5	1.33	.01	.23	<2	<2	<2	<2
1036	<1	11	5	14	<.3	29	5	647	2.54	3	<8	<2	2	46	<.2	<3	<3	38	6.36	.061	10	52	.68	14	.06	4	1.35	.02	.14	<2	2	7	<2
1037	2	10	6	19	<.3	28	5	443	1.44	7	<8	<2	<2	49	<.2	<3	<3	24	5.67	.058	10	38	.34	14	.03	3	.84	.02	.15	<2	<2	<2	<2
STANDARD DS3/FA-10R	10	130	36	157	<.3	39	13	840	3.31	31	9	<2	4	29	5.8	5	5	83	.56	.100	19	188	.63	156	.09	<3	1.84	.04	.18	6	489	453	483

Sample type: ROCK PULP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Northern Platinum PROJECT Wellgreen File # A102540

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
27721	1	1216	9	54	1.2	3391	157	757	8.83	25	<8	<2	<2	12	2.3	8	4	59	.61	.017	2	1410	14.15	19	.05	104	1.84	.01	.03	<2	27	155	297
27722	1	7288	<3	76	1.7	6947	198	744	12.32	28	<8	<2	<2	24	3.6	10	<3	91	1.40	.043	4	895	4.08	126	.17	34	3.94	.04	.06	<2	32	574	1386
27723	5	25802	15	113	7.5	34237	1849	136	31.95	<2	<8	3	5	15	2.9	<3	5	23	2.37	<.001	1	53	.09	19	.02	47	.34	.01	.01	<2	115	747	1386
27724	6	17372	9	60	5.6	9821	476	109	18.07	<2	8	<2	3	6	3.9	<3	9	23	2.95	.010	3	143	.23	7	.08	57	.78	.01	.01	5	106	1050	1881
27725	2	4737	3	72	2.2	2226	77	335	13.38	16	<8	<2	3	20	3.8	14	5	79	4.47	.019	3	630	4.46	19	.13	147	2.56	.01	.03	<2	242	1230	1430
27726	2	4171	3	85	1.5	2615	151	746	9.88	10	<8	<2	<2	10	2.9	10	<3	90	.63	.024	2	895	10.79	77	.14	65	2.94	.01	.21	<2	67	335	470
27727	1	4446	10	61	.9	3605	152	645	7.88	12	<8	<2	<2	52	3.0	16	3	98	7.13	.028	3	986	7.59	98	.15	41	2.16	.01	.22	<2	136	671	978
27728	<1	1242	<3	60	.7	2038	137	794	8.22	9	<8	<2	<2	7	2.2	7	3	50	.52	.025	2	564	12.61	122	.11	74	2.14	.02	.23	<2	32	138	197
27729	1	750	<3	58	.5	1666	124	836	8.18	10	<8	<2	<2	7	2.5	3	<3	47	.42	.024	1	558	13.35	104	.09	86	2.11	.02	.20	<2	14	76	119
27730	1	921	<3	53	.4	2001	134	687	8.53	11	<8	<2	<2	6	2.4	8	5	46	.47	.022	1	544	12.84	125	.10	61	2.22	.01	.24	<2	26	121	191
27731	<1	660	8	39	.4	1031	70	524	5.00	9	<8	<2	2	92	1.9	15	3	48	12.29	.017	1	619	6.43	46	.08	32	1.42	.01	.07	2	24	65	103
27735	1	19133	16	138	3.6	35987	1650	219	31.23	<2	<8	<2	5	18	2.7	<3	<3	67	3.15	.001	1	94	.22	11	.05	11	.95	.01	.01	<2	191	3406	3799
27736	<1	44841	12	165	9.8	26400	1185	267	22.66	<2	<8	<2	5	46	3.5	<3	10	44	4.26	<.001	2	87	.21	8	.05	6	.96	.01	<.01	10	190	2922	4543
27737	2	33637	8	110	7.2	29788	1558	110	30.61	<2	<8	<2	6	8	.9	15	8	21	1.65	<.001	1	74	.06	9	.04	9	.80	.01	.01	3	109	2194	2105
27738	1	50530	15	147	12.1	28572	1427	109	28.44	<2	<8	<2	5	12	<.2	8	<3	24	1.31	<.001	1	80	.03	17	.04	52	.48	.02	<.01	10	99	1993	1707
27739	1	18415	18	65	4.8	38494	1944	81	42.15	<2	<8	<2	7	3	<.2	<3	<3	15	.45	<.001	1	63	.02	15	.02	16	.23	.01	<.01	<2	143	2254	1121
27740	1	32933	15	128	8.6	32369	1555	119	26.27	<2	<8	<2	4	14	1.1	15	5	42	1.42	<.001	2	59	.04	60	.04	16	.79	.01	.02	<2	235	1198	4141
RE 27740	2	32644	22	129	8.5	32239	1548	121	26.95	<2	<8	<2	5	14	.6	8	3	44	1.46	<.001	1	60	.04	60	.04	16	.80	.01	.02	<2	309	1707	4714
27741	1	5622	13	99	2.4	32869	1450	328	27.19	<2	10	<2	5	32	2.7	18	<3	38	4.05	.008	2	223	2.86	12	.06	20	1.20	.01	.02	<2	220	1876	3592 *
27742	<1	4855	30	104	1.1	47378	2060	110	43.27	<2	<8	<2	8	7	<.2	<3	<3	16	1.17	<.001	1	95	.04	13	.02	12	.13	.01	.01	<2	259	5251	4345
27743	<1	4436	21	103	1.5	45051	1901	155	39.15	<2	<8	<2	7	22	.8	<3	<3	14	3.12	<.001	<1	87	.03	7	.01	4	.09	.01	.01	<2	288	4618	4173
27744	<1	2703	<3	58	.9	3815	188	583	8.91	13	<8	<2	<2	6	2.2	12	<3	56	.32	.023	2	646	10.84	104	.10	61	2.08	.02	.31	<2	45	346	509
27745	<1	3171	14	75	1.0	4221	226	704	9.60	9	<8	<2	2	4	2.4	6	3	77	.40	.023	3	990	12.34	82	.12	63	2.49	.01	.22	<2	61	449	695
27746	<1	4756	5	86	1.4	5296	266	645	10.17	11	<8	<2	<2	7	2.3	14	3	79	.78	.026	2	931	10.14	46	.15	69	2.44	.01	.10	<2	99	541	859
27747	<1	3474	<3	111	1.4	4632	216	582	8.46	13	<8	<2	<2	15	2.8	8	5	118	2.83	.023	3	1085	9.89	31	.17	64	3.04	.01	.07	<2	89	557	581
27748	2	5727	<3	97	1.7	7597	264	490	10.04	14	<8	<2	2	25	2.6	14	4	100	3.83	.021	4	910	6.71	28	.19	46	2.87	.01	.04	<2	94	605	658
27749	<1	6262	<3	45	2.0	10677	472	366	7.88	18	<8	<2	4	130	2.8	3	<3	59	13.10	.016	5	249	1.63	15	.11	22	2.58	.01	.01	<2	85	734	789
27750	1	12148	10	101	3.3	19224	1040	673	34.65	19	<8	<2	7	33	1.8	<3	7	101	6.33	<.001	1	75	.13	13	.04	14	.60	.01	.01	<2	468	3227	7054
27751	5	200	7	133	<.3	773	29	282	2.03	11	<8	<2	5	46	1.2	<3	<3	22	4.20	.027	21	34	.26	28	<.01	5	.63	.05	.12	<2	72	4	12
27752	3	1151	<3	48	.6	1379	71	548	3.81	9	<8	<2	4	51	1.1	10	<3	40	4.76	.030	16	284	2.11	42	.06	19	1.16	.03	.17	<2	89	238	276
27753	2	33	<3	15	<.3	296	16	460	2.34	8	<8	<2	3	50	.6	<3	4	45	4.91	.039	11	31	.57	45	.01	5	1.11	.04	.25	<2	18	<2	5
STANDARD C3/FA-10R	29	67	33	169	5.9	38	12	783	3.37	60	18	<2	21	29	24.5	14	25	86	.57	.087	18	171	.63	150	.10	22	1.85	.04	.16	16	519	515	517
STANDARD G-2	1	4	3	43	<.3	10	4	530	2.05	5	<8	<2	5	70	.5	<3	<3	46	.66	.095	8	78	.61	225	.15	<3	.94	.08	.46	3	-	-	-

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.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 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.

DATE RECEIVED: AUG 3 2001 DATE REPORT MAILED: Sept 18/01 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

REVISED COPY for 27741, Au, Pt, Pd

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Northern Platinum PROJECT ARCH File # A102573

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
27732	7	31	4	11	<.3	207	13	183	1.14	3	<8	<2	6	29	<.2	<3	<3	29	3.37	.026	15	22	.13	14	.03	3	.54	.08	.01	<2	<2	<2	<2
27733	2	1209	12	49	.6	2636	149	919	7.97	<2	<8	<2	<2	4	.2	<3	6	43	.51	.023	3	579	13.36	89	.10	69	2.21	.01	.23	<2	17	122	161
27734	<1	1962	17	48	<.3	4098	191	732	9.17	2	<8	<2	<2	4	.4	<3	3	67	1.11	.040	4	835	12.25	119	.14	70	2.12	.01	.32	<2	40	347	503
27754	2	1335	15	51	.3	2171	132	910	7.89	<2	<8	<2	<2	5	<.2	<3	5	50	.85	.022	2	639	12.21	111	.13	69	2.49	.01	.28	<2	19	161	215
27755	1	2589	14	59	<.3	3987	190	963	8.85	3	<8	<2	<2	5	.3	<3	3	53	.51	.029	4	607	11.20	117	.12	79	2.63	.01	.30	<2	51	289	454
27756	<1	2534	15	64	.9	3552	168	949	8.57	4	<8	<2	<2	4	<.2	<3	<3	42	.31	.022	2	481	11.79	70	.09	72	2.25	.01	.17	<2	48	346	508
27757	1	2665	18	71	.7	3467	175	899	8.53	<2	<8	<2	<2	11	.6	<3	3	63	1.58	.020	2	937	11.06	52	.13	58	2.24	.01	.12	<2	58	284	399
27758	2	3942	20	79	.5	6231	266	751	9.03	<2	<8	3	<2	31	.6	<3	<3	86	4.35	.022	3	1059	8.24	34	.17	45	2.67	.01	.07	<2	70	434	612
27759	1	71	3	9	<.3	427	13	273	1.28	<2	<8	<2	5	35	<.2	<3	<3	13	3.64	.032	10	13	.27	27	<.01	6	.75	.03	.22	<2	4	7	14
RE 27759	2	71	<3	8	<.3	430	12	274	1.28	3	<8	<2	5	35	<.2	<3	<3	13	3.64	.032	10	16	.27	28	<.01	6	.75	.03	.22	<2	10	2	3
STANDARD C3/FA-10R	28	67	33	183	6.0	42	11	861	3.44	61	16	3	21	29	25.1	15	24	82	.58	.090	19	178	.63	151	.10	17	1.90	.04	.16	19	470	477	471

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.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 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.

DATE RECEIVED: AUG 8 2001 DATE REPORT MAILED: Aug 16/01 SIGNED BY. C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data A FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

Northern Platinum PROJECT Wellgreen File # A102399R

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

SAMPLE#	Rh** ppb
27713	200

RH** GROUP 3B BY FIRE ASSAY FROM AU INQUART.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: AUG 29 2001 **DATE REPORT MAILED:** Sept 6/01 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data A FA ___

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GEOCHEM PRECIOUS METALS ANALYSIS

Northern Platinum PROJECT Wellgreen File # A102294R

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

SAMPLE#	Rh** ppb
27716	56
27718	93
27719	132
27720	476
DJ 27934	16
27935	12
27936	36
RE 27936	35
STANDARD FA-10R	95

RH** GROUP 3B BY FIRE ASSAY FROM AU INQUART.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 29 2001 **DATE REPORT MAILED:** Sept 6/01 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

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GEOCHEM PRECIOUS METALS ANALYSIS

Northern Platinum PROJECT ARCH File # A102573R

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

SAMPLE#	Rh** ppb
27733	10
27734	18
27754	<5
27755	27
27756	10
27757	16
27758	29
RE 27758	39

RH** GROUP 3B BY FIRE ASSAY FROM AU INQUART.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 29 2001 **DATE REPORT MAILED:** Sept 12/01 **SIGNED BY**.....C. Leong.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ✓ FA ___

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(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Northern Platinum PROJECT Wellgreen File # A102540R

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

SAMPLE#	Ir ppb	Os ppb	Pd ppb	Pt ppb	Re ppb	Rh ppb	Ru ppb
27721	6	138	223	155	16	13	97
27722	<5	372	1370	352	15	12	105
27723	143	582	1256	167	414	209	591
27724	89	1918	1811	453	192	94	610
27725	22	988	1067	264	28	29	286
27726	5	186	409	102	25	5	38
27727	<5	262	603	210	25	<5	105
27728	<5	110	122	26	9	<5	51
27735	34	488	3602	562	288	232	347
27736	15	732	3939	710	193	150	325
27737	154	3040	1801	534	384	433	1395
27738	37	2036	1311	551	343	197	1157
27739	2161	2628	1047	562	389	627	931
27740	43	964	5283	289	227	259	228
27741	273	2242	3763	748	298	573	709
27742	686	2628	4195	2909	538	1114	1577
27743	718	2516	4261	1725	498	1196	1940
27744	<5	472	547	57	17	35	54
27745	<5	216	431	44	19	<5	51
27746	<5	176	594	126	12	<5	48
27747	<5	176	366	121	19	5	55
27748	<5	186	464	165	20	13	53
27749	5	180	375	122	36	13	127
27750	29	470	8106	1171	197	87	286
27752	<5	148	14	67	15	<5	15

GROUP 1F15 - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: AUG 29 2001 **DATE REPORT MAILED:** Sept 18/01 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

For Reference only

 Data___ FA ___

852 East Hasting St. • Vancouver, B.C. • V6A 1R6

ACME ANALYTICAL LABORATORIES LTD.*

Analytical Report on Subcontract Analysis

Phone (604)253-3158 Fax (604) 253-1716

*ISO 9002 Accredited since 1996

CLIENT: Northern Platinum **File # A102540R** **Date Completed: November 7, 2001**

SubContract Laboratory: Activation Laboratories **Analysis Conducted: AR Digestion/ ICP-MS vs NiS Fusion/INAA**

Laboratory	Actlabs	Acme	Actlabs	Acme	Actlabs	Acme	Actlabs	Acme	Actlabs	Acme	Actlabs	Acme	Actlabs	Acme	Actlabs
ELEMENT	Au	Ir	Ir	Os	Os	Pd	Pd	Pt	Pt	Re	Re	Rh	Rh	Ru	Ru
SAMPLES	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
27726	50	5	13	**186**	16	205	521	273	363	34	-5	22	24.7	27	50
27727	26	< 5	24	**262**	38	563	632	393	600	15	-5	24	40.8	60	77
27728	12	< 5	5	**110**	8	42	172	103	128	15	-5	10	10.4	12	-5
27735	120	73	218	**488**	160	3927	3260	3681	2860	219	130	154	345	180	218
27736	117	39	210	**732**	160	4577	3380	2420	1980	169	79	126	357	171	189
27737	60	82	593	**3040**	630	1994	1460	1534	1520	329	130	300	660	607	847
27738	72	56	538	**2036**	550	1885	1620	1938	1750	317	160	64	622	407	847
27739	60	183	523	**2628**	573	895	819	1731	1740	283	52	310	639	446	554
27740	170	33	140	**964**	109	4748	4240	1502	1550	175	28	22	323	155	96
27741	126	204	445	**2242**	458	4104	3500	1838	1900	297	250	420	526	542	600
27742	215	515	780	**2628**	860	4531	3760	5692	3850	486	1100	832	862	1005	1070
27743	208	560	780	**2516**	860	3956	3600	4120	3300	437	950	720	859	812	1150

Acme = Ignite @ 550 °C for 6 hours, Aqua-Regia digestion, finished by ICP-MS.

Actlabs = NiS fusion, INAA finished.

Os (bold) = Aqua-Regia digestion, finished by ICP-MS.