

2002 Diamond Drill Program
on the
Canalask-Onion
Ni-Cu-PGE Property

Whitehorse Mining Division

ONION:	1-6
WR:	21-46, 57,59,61,64-66,
WR:	83-90,102-113
WENG	11
WHITE:	2-11,13

NTS:	115K/02 115F/15, 16
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	CENTRAL UTM EASTING	CENTRAL UTM NORTHING
CANALASK	209,600	6,883,200

August 11th, 2003

Prepared For:
Expatriate Resources Ltd.
701-475 Howe St.
Vancouver, British Columbia
Canada V6C 2B3

Prepared By:
J.Moore, M.Sc. Geology

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I. Work Program

The following report includes Expatriate Resources Ltd. wholly owned property called Canalask. This property is located in the Whitehorse Mining District in the Yukon, Canada. Using the National Topographic System, they encompass 115K/02, 115F/15, 16. The property is located at Latitude 61 57' N, and Longitude 140 32' W (Figure 1).

The Canalask-Onion property occurs in the "Kluane Mafic-Ultramafic Belt", a Ni-Cu-PGE metallogenic belt made up of a series of northerly trending mafic-ultramafic intrusions that can be traced along strike for at least 600 km. The Kluane Belt is host to numerous differentiated Lower Tertiary mafic-ultramafic complexes. The White River Intrusive complex, (the "White River Sill") is the northernmost and second largest mafic-ultramafic intrusive within the Kluane Belt, which hosts the Canalask-Onion Ni-Cu-PGE showings.

The report includes drill logs from work on 2 drill targets called the Sax-Cessna Embayment and the Discovery-Onion SW Embayment. During July, 2002, Uravan Minerals Inc. completed two diamond drill holes totalling 495 meters of HQ size drill core. The first diamond drill hole (C02-001) was abandoned after 85m due to poor drilling conditions. C02-002 is located on the same setup as C02-001 and was drilled to a depth of 229.12 m. Both of these holes are located on Onion 7. C02-003 was drilled to a depth of 181.4 m and is located on White 2.

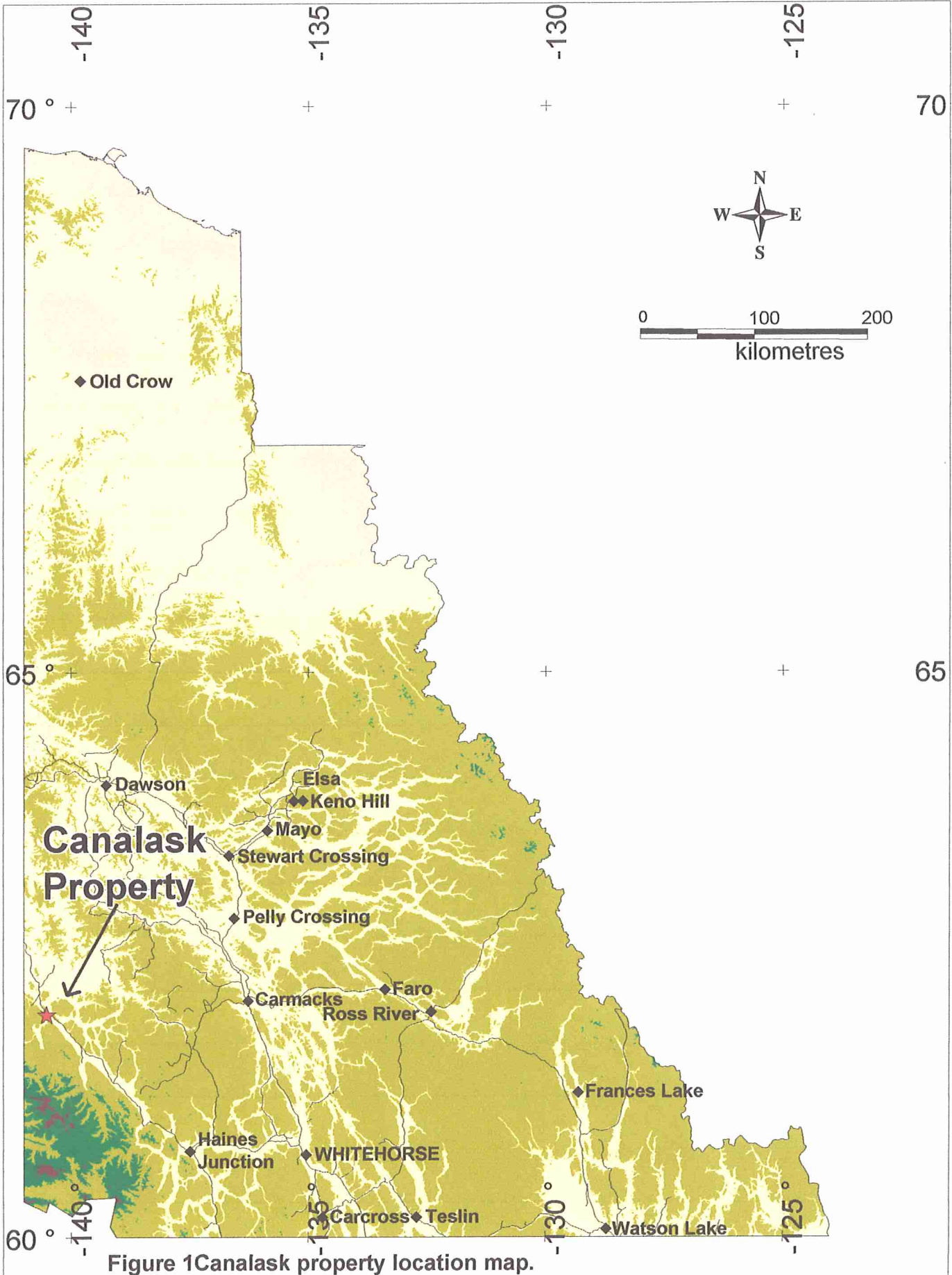


Figure 1 Canalask property location map.

II. List of Claims

GRANT NUMBER	CLAIM NAME	EXPIRY DATE
YA96595	ONION 1	04/10/2009
YA96596	ONION 2	04/10/2009
YA96597	ONION 3	04/10/2009
YA96598	ONION 4	04/10/2012
YA96599	ONION 5	04/10/2012
YA96600	ONION 6	04/10/2016
YB06099	WENG11	4/10/2014
YB38235	WHITE 2	04/10/2015
YB38236	WHITE 3	04/10/2015
YB38237	WHITE 4	4/10/2015
YB38238	WHITE 5	04/10/2015
YB38239	WHITE 6	4/10/2015
YB38240	WHITE 7	04/10/2015
YB38241	WHITE 8	4/10/2015
YB38242	WHITE 9	04/10/2012
YB38243	WHITE 10	4/10/2015
YB38244	WHITE 11	04/10/2012
YB38246	WHITE 13	04/10/2012
YB96888	WR 21	04/10/2007
YB96889	WR 22	04/10/2004
YB96890	WR 23	04/10/2007
YB96891	WR 24	04/10/2004
YB96892	WR 25	04/10/2004
YB96893	WR 26	04/10/2005
YB96894	WR 27	04/10/2005
YB96895	WR 28	04/10/2005
YB96896	WR 29	04/10/2005
YB96897	WR 30	04/10/2005
YB96898	WR 31	04/10/2005
YB96899	WR 32	04/10/2005
YB96900	WR 33	04/10/2004
YB96901	WR 34	04/10/2006
YB96902	WR 35	04/10/2004
YB96903	WR 36	04/10/2006
YB96904	WR 37	04/10/2007

YB96905	WR 38	04/10/2007
YB96906	WR 39	04/10/2007
YB96907	WR 40	04/10/2007
YB96908	WR 41	04/10/2007
YB96909	WR 42	04/10/2007
YB96910	WR 43	04/10/2007
YB96911	WR 44	04/10/2004
YB96912	WR 45	04/10/2004
YB96913	WR 46	04/10/2004
YB96924	WR 57	4/10/2010
YB96926	WR 59	4/10/2010
YB96928	WR 61	04/10/2006
YB96931	WR 64	4/10/2010
YB96932	WR65	4/10/2006
YB96933	WR 66	04/10/2006
YB96948	WR 83	04/10/2007
YB96949	WR 84	04/10/2007
YB96950	WR 85	04/10/2007
YB96951	WR 86	04/10/2007
YB96952	WR 87	04/10/2007
YB96953	WR 88	04/10/2007
YB96954	WR 89	04/10/2007
YB96955	WR 90	04/10/2007
YB97335	WR 102	04/10/2009
YB97336	WR 103	04/10/2009
YB97337	WR 104	04/10/2009
YB97338	WR 105	04/10/2009
YB97339	WR 106	04/10/2009
YB97340	WR 107	04/10/2009
YB97341	WR 108	04/10/2009
YB97342	WR 109	04/10/2007
YB97343	WR 110	04/10/2007
YB97344	WR 111	04/10/2007
YB97345	WR 112	04/10/2007
YB97346	WR 113	04/10/2007

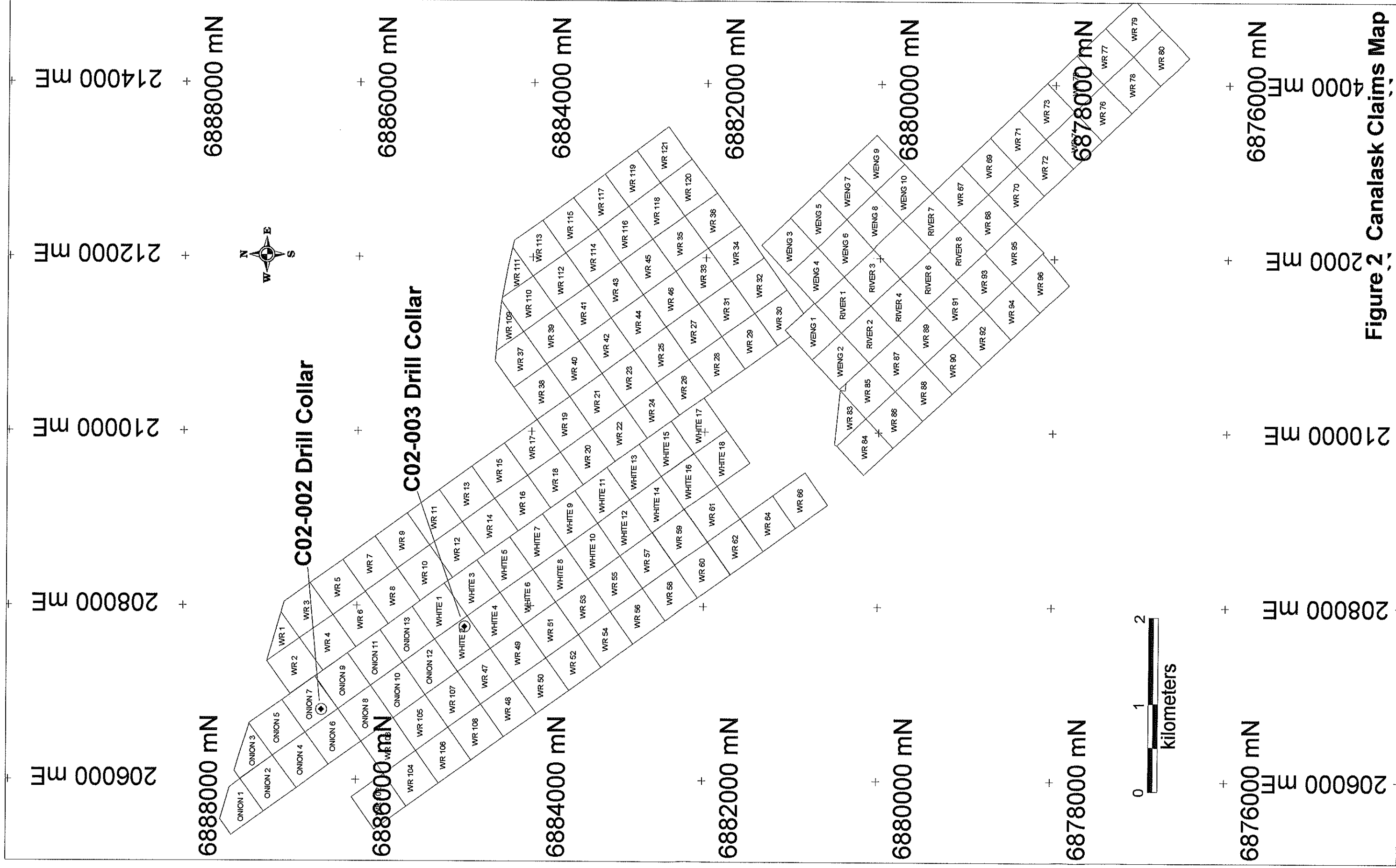


Figure 2. Canalask Claims Map

III. Drill Hole Summary

DRILL HOLE	GRID EAST	GRID NORTH	UTM EASTING	UTM NORTHING	GRID AZIMUTH	DIP	TOTAL DEPTH	DRILLING COMPLETED
C02-002 (and 001)	325E	1650N	520160	6874050	50	-65	229.12	07-24-02
C02-003	035W	300S	521340	6872500	46	-65	181.4	08-04-02

IV. Statement of Expenditures

I, Jill A. Moore, as agent for Expatriate Resources Limited, #701-475 Howe Street, Vancouver, B.C. do solemnly declare That diamond drilling was carried out on the Canalask claim block between July 1st and August 4th 2002.

62,541.68	Aircraft Helicopter
7,692.50	Assay Cost
15,946.32	Camp Cost
5,723.58	Consulting Geologist
4,648.48	Contract Grid/DDH Survey
94,869.26	Drilling Cost
13,070.08	Field Cost
18,081.04	Project Geologist
\$ 222,572.94	Total Cost

I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the Province of British Columbia this ____th day of August, 2003.

Jill A. Moore
Project Geologist

V. Statement of Qualifications

I, J. A. Moore, of 39147-3695 W. 10th Ave. Vancouver, V6R 4P1, in the Province of British Columbia, Canada, do hereby certify:

- I am a graduate of Prescott College in Prescott, Arizona, U.S.A, with a B.A. in Environmental Geology (1996). I completed a postgraduate degree at Rhodes University in Grahamstown, South Africa. I was admitted to the degree of M. Sc. Geology in Mineral Exploration in 2002.
- Since 1991, I have been involved in the exploration and exploitation of precious metals and diamonds in British Columbia, NWT, Central America, the eastern shields of South America, and West Africa.
- The information, conclusions, and recommendation in this report are based on collaboration of other professional colleagues involved with various aspects of exploration on the property and in review of the literature stated in the bibliography. I have prepared this report on behalf of Expatriate Resources Ltd.
- This report may be used for the development of the property, provided that, no portion will be used out of context in such a manner as to convey meanings different from that set out in the whole.
- I am unaware of any material fact or material change with respect to the technical matter of this report that might cause this report to be inaccurate or misleading.
- Consent is hereby given to the company for which this report was prepared to reproduce the report or any part of it for the purposes of development of the property, or facts relating to the raising of funds by way of a prospectus and/or statement of material facts.

Signed in Vancouver, British Columbia this ____ day of _____, 2003.

Signed _____
J. A. Moore, M.Sc.

VI. Appendix A Drill Logs and Assay Certificates

DIAMOND DRILL LOG

Project: Canalask/Onion

Hole: C02-002

Location: 325E/1650N AZM: 050deg Dip: -65deg

Logged By: L. Lahusen
 Total Depth: 229.12 metres
 Date Completed: 07/24/02

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
0.0	6.20	6.20	Casing						
6.20	26.0	19.8	FDUN	Dk-gry- grn	M-F	Ol >65%, Pyx ~10% Plag~15%	Serpentine (Ser) + magnetite (M) +sercite (Sr) + iron oxide (IronOx) + phlogopite (Ph)	5% - 8% magnetite (M) + chromite (Chr) + sulphide (S)(?)	Feldspathic Dunite (FDUN) - (Miller's feldspathic dunite) consisting of abndt fine grained densely packed equant olivine (Ol) grains with minor medium subhedral pyroxene (Pyx) grains (diopside?) and interstitial plagioclase (plag), magnetite and phlogopite (Ph). Serpentine has moderately to completely replaced Ol, plagioclase has been moderately altered to sercite + iron oxide. Magnetite occurs as prominent rims around Ol grain boundaries and as small stringers and veinlets. Trace sulphide looking min (brassy yellow Po?) occurs along the interface between Ol grains and magnetite.
23.80	24.20	.40	Fault (?)						Fault zone consisting of highly crushed and sheared FDUN w/ abnt clay + sercite + phlogopite + iron oxide alteration.
25.20	26.0	.80	Fault (?)						Same as above
26.0	30.0	4.0	FDUN	Dk-olive- brn	F-M	Ol >65%, Pyx ~10% Plag~15%	M+Ser+Sr+ Ph+IronOx+ clay	5% - 8% magnetite (M) + chromite (Chr) + sulphide (S)(?)	Same as 6.60 - 26.0, increase sercite + phlogopite + iron oxide alteration of plagioclase grains, moderate to complete serpentine replacement of Ol grains, sec-magnetite occurring as rims around Ol grains and abndt stringers and veinlets
29.3	29.8	.50	Fault (?)						Fault zone consisting of highly crushed and sheared FDUN w/ abnt clay + sercite + phlogopite + iron oxide alteration.
30.0	36.0	6.0	FDUN	Dk-olive- grn	F-M	Ol >75%, Pyx ~5% Plag 15%	M+Ser+Sr+ Ph+IronOx+ clay	5% - 8% magnetite (M) + chromite (Chr) + sulphide (S)(?)	Same as 6.6 - 26.0 noticeable drop in plag + increase in Ol, further increase in sercite + phlogopite + iron oxide alteration of plagioclase grains, moderate to complete serpentine replacement of Ol grains, increase in sec-magnetite + chromite occurring as more abndt stringers and veinlets and rimming Ol grains, 31 - 32m increase in sulphide looking min (1% - 3%, locally 5%) having very brassy yellow oxidation halo interstitial to magnetite/olivine grain interface.
32.2	36.0	3.8	Fault (?)						Fault zone consisting of highly crushed and sheared FDUN w/ abnt clay + sercite +

DIAMOND DRILL LOG

Project: Camalask/Onion

Logged By: L. Lahusen

Total Depth: 229.12 metres
Date Completed: 07/24/02

Location: 325E/1650N AZM: 050deg Dip: -65deg

Hole: C02-002

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
36.0	60.85	24.85	FDUN	Dk-olive-brn w/ grn modeling	F w/M	Ol >75% Pyx ~10% Plag ~5%	M+Ser+Sr+ Ph+IronOx+ clay	37.5 - 56.5 = 19.0m, Variable 3% - 5%, locally 8% very fine grained disseminated secondary sulph(?) or ferro-Chr occurring interstitial to magnetite and oxidizes quickly to bright yellow- orange, fresh surfaces are brassy yellow, 8% - 10% magnetite (M) surrounding Ol grain boundaries and secondary magnetite stringers, veinlets and interstitial clusters.	<u>phlogopite + iron oxide alteration.</u> Same as above FDUN with increase serpentine replacement of Ol, plag has been reduced with increase in pyx and plag has been moderately to locally completely replaced by sericite + clay + iron oxide, moderate phlogopite interstitial to sericitized plagioclase grains, possible hornblende replacement of Pyx. Noticeable increase in magnetite + chromite stringers, veinlets and secondary clusters. Dk-brn/olive-grn modeling in areas of increased sulphides (?) / secondary chromite - ferrochromite. FDUN is noticeable reduced (turns to dk-grn vs. dk-olive-brown) in areas of sulph(?)Chr occurrences. Also increase in secondary-chromite (?) occurring as shiny black clusters interstitial to Ol grains.
60.85	86.30	25.45	CLPX	Dk-gry-olive-brn	Fw/M	Ol >65% Pyx ~10%	Serpentine +Magnetite,	Magnetite (M) + sulph(S)(?) + Chromite(Chr), M rims around Ol grain boundaries, variable 5% - 8%, locally 15%	Clinopyroxene (CLPX) - gradational from above. (Olivine-clinopyroxene by Miller) very small amounts of plagioclase with increase in Ol + Pyx. Olivine and Pyx have been moderately to completely replaced by serpentine, some hornblende and abndt magnetite, phlogopite, sericite + iron oxide, some hornblende after Pyx(?). These rocks are highly altered and locally crushed and sheared in areas near the diorite dikes that follow.

DIAMOND DRILL LOG

Project: Canalask/Onion

Logged By: L. Lahusen
 Total Depth: 229.12 metres
 Date Completed: 07/24/02

Location: 325E/1650N AZM: 050deg Dip: -65deg

Hole: C02-002

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
60.85	62.70	1.85	Fault						Highly crushed and sheared zone, main stress centered at 62.30 m and adjacent to diorite dikes. Abndt clay + phlogopite + sericite + iron oxide + magnetite.
65.50	65.70	.20	Fault						Same as above
67.67	67.97	.30	Fault						Same as above
69.65	69.70	.05	Fault						Same as above
70.71	71.71	1.0	Diorite Dike	White/Lt-gry					Coarse grained feldspar phenocrysts in a fine grained quartz matrix
72.0	72.41	.41	Fault						Same as above
72.60	73.20	.60	Fault						Same as above
75.65	75.75	.10	Fault						Same as above
80.55	80.77	.22	Diorite Dike	Wh/lt-gry					Coarse-grained feldspar phenocrysts in a fine-grained quartz matrix. Contacts: 50° - 55° to core axis (CA)
85.90	86.30	.40	Fault						From 60.85 - 86.30 the CLPX is moderately to locally extremely stress fractured with CA ranging from 45° - 70° - 80°, Rock matrix (Ol-Pyx) are crushed w/ abndt micro fracturing throughout, some fracture zones up to 1 - 2 cm wide, no carbonate
86.30	115.41	29.11	CLPX	Dk-gry- blk-grn	F	Ol >65% Pyx ~10%	Serpentine +Magnetite,	Very fine net textured (web looking) magnetite(M) + sulph(S)(?) + chromite(Chr) surrounding Ol	Clinopyroxenite (CLPX) - (Olivine-clinopyroxene by Miller) gadtational from above, olivine rich rock consisting of densely packed olivine grains with interstitial pyroxene with no visible plagioclase, becomes net texture with very fine grained magnetite + chromite + sulph(?) around Ol/Pyx-grains plus along micro fracturing w/in grains, complete replacement of Ol with serpentine + moderate hornblende (?) replacing Pyx. The section is extremely stress fractured and crushed.

DIAMOND DRILL LOG

Project: Canalask/Onion

Logged By: L. Lahusen

Total Depth: 229.12 metres

Hoie: C02-002

Location: 325E/1650N AZM: 050deg Dip: -65deg

Date Completed: 07/24/02

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
105.0	115.40	10.4	Fault	Dk-gry-bk				grains, along micro fracturing w/in grains, linear across grain micro fractures. The net textured M is variable 10% - 15%, locally 25% - 35% (90.0m - 105.0m). Magnetite + chromite occur as clusters and stringers interstitial along micro fractures and Ol grain boundaries. To small for positive Identification	Crushed, sheared and brecciated sequence of ultramafic (PCRT) altered to clay w/ ultramafic inclusions, top contact at 12 deg CA, small diorite dike inclusion, other stress fabric 65 - 70 degs, bottom contact ~ 50 - 60 degs.
108.0	108.80	.80	Diorite Dike	White/Lt-gry	Fw/C				Contacts at 55 - 60 degs CA,
115.40	132.6	17.2	CLPX	M/Dk-gry-olive-gm	F	O>65% Pyx~10% Plag~5%	Magnetite+ serpentine+ phlogopite + hornblende	Very fine grained micro net text magnetite+ chromite + sulph(?) variably at ~10% - 15%, locally 25%	CLPX (Olivine-clinopyroxene) with some plagioclase starting to occur, grain boundaries are moderately to locally completely gone do to serpentinization, moderate phlogopite + hornblende alteration interstitial and replacing pyroxene grains (?), no carbonate, highly magnetitic, still stress fractured throughout (comes and goes 1 - 2 m), fairly consolidated until 127.30m.

DIAMOND DRILL LOG

Project: Canalask/Onion

Logged By: L. Lahusen
 Total Depth: 229.12 metres
 Date Completed: 07/24/02

Location: 325E/1650N AZM: 050deg Dip: -65deg

Hole: C02-002

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
127.30	132.60	5.3	Fault					CLPX inclusion are still micro net textured with magnetite + chromite + sulph(?) 10% - 15%, locally to 25% - 30%	Highly unconsolidated brecciated and sheared zone consisting of clay + ultramafic fragments, abndt grn/wh serpentine filled stress fractures.
132.6	148.6	16.0	FDUN	Dk-gry-olive-grn	F	Ol>65% Pyx>10% Plag~15%	Magnetite + Phlogopite + Hornblende	Very fine grain micro net textured magnetite (M) + chromite (Chr) + sulph(S)(?) interstitial to Ol grain boundaries, M diminish to 5% - 10%.	Feldspathic Dunite (FDUN) FDUN gradational from above, noticeably larger increase in plagioclase interstitial to very abundant densely packed olivine, grain boundaries are moderately to completely replace by serpentine, moderately altered by phlogopite + hornblende + serfite.
138.5	161.87	23.37	Shear zone						Highly crushed, sheared and brecciated zone consisting of clay + serpentine veins and fracture filling with ultramafic rock fragments and inclusions, abndt phlogopite + clay + serpentine (occurring as emerald green veins and veinlets) + chlorite + fuchsite (?).
148.5	166.92	18.42	FDUN	Dk-grn	F/M	Ol ~40% Pyx >10% Plag >20% HB >10%			Same as above FDUN, increase in serpentine alteration, UIM mafic textures are almost completely replace, appear as relic textures.
163.5	164.10	.60	Fault						
166.92	173.27	3.73	Silicified Zone						Silicified zone consisting of altered FDUN/MGGBR contact area, alteration consisting of clay + chlorite or serfite, phlogopite. All grain boundaries have been replaced.

DIAMOND DRILL LOG

Project: Canalask/Onion

Logged By: L. Lahusen

Total Depth: 229.12 metres

Date Completed: 07/24/02

Location: 325E/1650N AZM: 050deg Dip: -65deg

Hole: C02-002

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
173.27	183.2	9.93	MGBR	Dk-emerald grn	F	Plag>20% Pyx~10% HB>15% Biotite~5%	Serpentine + calcite + chlorite + phlogopite	1 - 3% stringer-disseminated sulphides (Po), along Qtz/calcite/serp stringer and veinlets.	Becomes extremely silicified and mineralized at 170.65 to 173.27 consisting of abnt densely occurring pale green to white serpentine + qtz + calcite stringers and veinlets (30 degs to CA), 2% - 4% coarse disseminated clusters of sulphide (Po?) and light blue-green urallite or fuchsite possible NI (?) bloom at the contacts.
183.20	197.70	14.5	QZCB	White/Lt-gry	Mass	Qtz	Calcite stringers	Variable 2% - 3% stringer - disseminated sulphide (Py+Po) and locally coarse clusters a 10% to 15% occurring along fractures, variable	Quartz Carbonate alteration zone (QZCB) - Quartzite Skarn (QZCB) white/lt-gry massive qtz w/ calcite stringer. MGBR - QZCB contact (183.20 - 184.0) is crushed and altered w/ ~5%, locally 10% lime - green urallite, axinite or fuchsite concentrated at the contacts. Unit is highly brecciated and qtz flooded (several qtz episodes) with calcite occurring last as it cuts all qtz stringers and veinlets. Contact metamorphism clearly occurred at the ultramafic - sedimentary contact and not at the sedimentary - diorite intrusive contact.
196.25	197.2	.95	Shear					1% - 2% finely disseminated sulphide.	Shear zone at the contact with following sediments, consisting of brecciated and sheared QZCB with stress fabric at 45 - 50deg to CA. medium emerald green urallite grains occurring parallel along shear fabric.
197.20	206.0	8.80	SED	Dk-gry - blk w/ white streaks	VF	Black shale/siltstone w/ calcite stringer		Coarse/finely disseminated Py, variably 5% - 10% locally 20% coarse sulphide (Py) clusters and	Sediments (SED) - Highly crushed and deformed black shale/siltstone unit to 205m then variably silicified and brecciated, stress fabric 45 - 50 deg CA.

ASSAY SAMPLE LOG

HOLE NO. C02-002

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length Sampled	Unit	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Sample
123232	11	12	1	PERD							1
123233	12	13	1	PERD							
123234	13	14	1	PERD							
123235	14	15	1	PERD							
123236	15	16	1	PERD							
123237	16	17	1	PERD							
123238	17	18	1	PERD							
123239	18	19	1	PERD							
123240	19	20	1	PERD							
123245	20	21	1	PERD							2
123246	21	22	1	PERD							
123247	22	23	1	PERD							
123248	23	24	1	PERD							
123249	24	25	1	PERD							
123250	25	26	1	PERD							
123251	26	27	1	PERD							
123252	27	28	1	PERD							
123253	28	29	1	PERD							
123254	29	30	1	PERD							
123255	30	31	1	PERD							
123256	31	32	1	PERD							
123257	32	33	1	PERD							
123258	33	34	1	PERD							
123259	34	35	1	PERD							
123260	35	36	1	PERD							3
123261	36	37	1	PERD							
123262	37	38	1	PERD	-2	107	91	0.005	0.245	0.013	
123263	38	39	1	PERD	-2	40	43	0.003	0.240	0.013	
123264	39	40	1	PERD	5	23	19	0.004	0.244	0.014	
123265	40	41	1	PERD	-2	40	27	-0.001	0.242	0.013	
123266	41	42	1	PERD	-2	51	17	0.009	0.241	0.013	
123267	42	43	1	PERD	4	28	16	0.004	0.231	0.012	4
123268	43	44	1	PERD	-2	17	26	0.003	0.242	0.013	
123269	44	45	1	PERD	3	19	64	0.005	0.240	0.014	
123270	45	46	1	PERD	4	38	242	0.002	0.239	0.013	
123271	46	47	1	PERD	3	28	205	-0.001	0.245	0.013	
123272	47	48	1	PERD	3	98	60	-0.001	0.230	0.013	
123273	48	49	1	PERD	-2	108	4	-0.001	0.239	0.013	
123274	49	50	1	PERD	3	126	5	-0.001	0.252	0.013	
123275	50	51	1	PERD	5	114	-4	0.001	0.243	0.013	
123276	51	52	1	PERD	-2	55	-4	-0.001	0.250	0.014	
123277	52	53	1	PERD	2	84	-4	-0.001	0.241	0.014	
123278	53	54	1	PERD	4	122	7	-0.001	0.243	0.013	
123279	54	55	1	PERD	4	120	-4	-0.001	0.237	0.013	5
123280	55	56	1	PERD	37	137	6	-0.001	0.242	0.014	
123281	56	57	1	PERD							
123282	57	58	1	PERD							
123283	58	59	1	PERD							
123284	59	60	1	PERD							
123285	60	61	1	PERD							
123286	61	62	1	CLPX							

ASSAY SAMPLE LOG

HOLE NO. C02-002

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length Sampled	Unit	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Sample
123287	62	63	1	CLPX							
123288	63	64	1	CLPX							
123289	64	65	1	CLPX							
123290	65	66	1	CLPX							
123291	66	67	1	CLPX							
123292	67	68	1	CLPX							
123293	68	69	1	CLPX							
123294	69	70	1	CLPX							6
123295	70	70.71	0.71	CLPX							
123296	70.71	71.71	1	CLPX							
123297	71.71	72	0.29	CLPX							7
123298	72	73	1	CLPX							
123299	73	74	1	CLPX							
123300	74	75	1	CLPX							
123301	75	76	1	CLPX							
123302	76	77	1	CLPX							
123303	77	78	1	CLPX							
123304	78	79	1	CLPX							
123305	79	80	1	CLPX							
123306	80	81	1	CLPX							
123307	81	82	1	CLPX							
123308	82	83	1	CLPX							
123309	83	84	1	CLPX							
123310	84	85	1	CLPX							
123311	85	86	1	CLPX							
123312	86	87	1	CLPX	6	37	39	0.004	0.248	0.014	
123313	87	88	1	CLPX	7	60	66	0.003	0.259	0.015	
123314	88	89	1	CLPX	4	34	50	0.005	0.251	0.014	
123315	89	90	1	CLPX	17	81	133	0.014	0.309	0.016	
123316	90	91	1	CLPX	12	41	59	0.007	0.271	0.014	
123317	91	92	1	CLPX	3	47	50	0.004	0.256	0.014	
123318	92	93	1	CLPX	2	29	26	0.001	0.254	0.014	
123319	93	94	1	CLPX	4	35	24	0.003	0.255	0.015	
123320	94	95	1	CLPX	5	23	7	0.002	0.245	0.014	
123321	95	96	1	CLPX	-2	41	14	0.001	0.248	0.014	
123322	96	97	1	CLPX	-2	64	79	0.003	0.257	0.014	
123323	97	98	1	CLPX	2	69	43	0.017	0.249	0.015	
123324	98	99	1	CLPX	2	30	32	0.004	0.243	0.015	
123325	99	100	1	CLPX	6	57	38	0.002	0.242	0.015	
123326	100	101	1	CLPX	3	20	9	0.001	0.252	0.013	8
123327	101	102	1	CLPX	-2	58	47	0.003	0.258	0.014	
123328	102	103	1	CLPX	-2	13	-4	0.004	0.244	0.013	
123329	103	104	1	CLPX	-2	32	23	0.004	0.253	0.014	
123330	104	105	1	CLPX	2	47	56	0.005	0.254	0.014	9
123331	105	106	1	CLPX	10	60	51	0.005	0.249	0.014	
123332	106	107	1	CLPX	10	74	117	0.002	0.223	0.013	
123333	107	108	1	CLPX	2	110	247	-0.001	0.207	0.012	
123334	108	109	1	CLPX	3	-5	10	-0.001	0.021	0.004	
123335	109	110	1	CLPX	8	139	495	-0.001	0.234	0.013	
123336	110	111	1	CLPX	-2	74	197	-0.001	0.248	0.013	
123337	111	112	1	CLPX	12	71	459	-0.001	0.199	0.011	

ASSAY SAMPLE LOG

HOLE NO. C02-002

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length Sampled	Unit	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Sample
123338	112	113	1	CLPX	4	19	40	-0.001	0.220	0.013	
123339	113	114	1	CLPX	4	25	39	-0.001	0.239	0.015	
123340	114	115	1	CLPX	3	20	62	-0.001	0.215	0.013	
123341	115	116	1	CLPX	4	20	42	-0.001	0.211	0.014	
123342	116	117	1	CLPX	2	35	63	-0.001	0.226	0.014	
123343	117	118	1	CLPX	4	20	45	-0.001	0.218	0.013	
123344	118	119	1	CLPX	3	30	70	-0.001	0.218	0.013	
123345	119	120	1	CLPX	-2	53	30	-0.001	0.220	0.013	
123346	120	121	1	CLPX	2	45	18	-0.001	0.223	0.013	
123347	121	122	1	CLPX	-2	69	28	-0.001	0.227	0.013	10
123348	122	123	1	CLPX	-2	56	24	-0.001	0.229	0.013	
123349	123	124	1	CLPX	3	94	26	-0.001	0.221	0.013	
123350	124	125	1	CLPX	6	74	22	-0.001	0.225	0.013	
123351	125	126	1	CLPX	3	62	22	-0.001	0.230	0.014	
123352	126	127	1	CLPX	-2	48	14	-0.001	0.235	0.013	
123353	127	128	1	CLPX							
123354	128	129	1	CLPX							
123355	129	130	1	CLPX							
123356	130	131	1	CLPX							
123357	131	132	1	CLPX							
123358	132	133	1	CLPX							
123359	133	134	1	PERD							11
123360	134	135	1	PERD							
123361	135	136	1	PERD							
123362	136	137	1	PERD							
123363	137	138	1	PERD							
123364	138	139	1	PERD							
123365	139	140	1	PERD							
123366	140	141	1	PERD							
123367	141	142	1	PERD							
123368	142	143	1	PERD							
123369	143	144	1	PERD							
123370	144	145	1	PERD							
123371	145	146	1	PERD							
123372	146	147	1	PERD							
123373	147	148	1	PERD							
123374	148	149	1	PERD							
123375	149	150	1	PERD							
123376	150	151	1	PERD							
123377	151	152	1	PERD							
123378	152	153	1	PERD							
123379	153	154	1	PERD							
123380	154	155	1	PERD							
123381	155	156	1	PERD							
123382	156	157	1	PERD							
123383	157	158	1	PERD							
123384	158	159	1	PERD							
123385	159	160	1	PERD							
123386	160	161	1	PERD							
123387	161	162	1	PERD							
123388	162	163	1	PERD							12

ASSAY SAMPLE LOG

HOLE NO. C02-002

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length Sampled	Unit	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Sample
123389	163	164	1	PERD							
123390	164	165	1	PERD							
123391	165	166	1	PERD							
123392	166	167	1	PERD							
123393	167	168	1	MGBR	3	18	31	-0.001	0.217	0.012	
123394	168	169	1	MGBR	7	27	48	0.004	0.224	0.011	
123395	169	170	1	MGBR	5	22	34	-0.001	0.224	0.011	
123396	170	171	1	MGBR	3	35	53	-0.001	0.205	0.010	
123397	171	172	1	MGBR	11	15	130	0.004	0.885	0.025	
123398	172	172.85	0.85	MGBR	5	24	31	0.002	0.151	0.007	
123399	172.85	173.27	0.42	MGBR	6	52	96	0.003	0.188	-0.003	
123400	173.27	174	0.73	MGBR							
123401	174	175	1	MGBR							
123402	175	176	1	MGBR							13
123403	176	177	1	MGBR							
123404	177	178	1	MGBR							
123405	178	179	1	MGBR							
123406	179	180	1	MGBR							
123407	180	181	1	MGBR							
123408	181	182	1	MGBR							
123409	182	183	1	MGBR	4	17	23	-0.001	0.172	-0.003	
123410	183	183.2	0.2	MGBR	4	10	12	0.005	0.171	-0.003	
123411	183.2	184	0.8	QZCB	6	15	16	0.004	0.123	-0.003	
123412	184	185	1	QZCB	10	-5	7	0.052	0.007	-0.003	
123413	185	186	1	QZCB	-2	-5	-4	0.016	-0.003	-0.003	
123414	186	187	1	QZCB	3	-5	-4	0.015	-0.003	-0.003	
123415	187	188	1	QZCB	3	-5	6	0.004	-0.003	-0.003	
123416	188	189	1	QZCB	3	-5	-4	0.009	-0.003	-0.003	
123417	189	190	1	QZCB	5	-5	-4	0.019	-0.003	-0.003	14
123418	190	191	1	QZCB	3	-5	-4	0.005	-0.003	-0.003	
123419	191	192	1	QZCB	2	-5	-4	0.004	-0.003	-0.003	
123420	192	193	1	QZCB	6	5	4	0.056	0.014	-0.003	
123421	193	194	1	QZCB	3	-5	-4	0.042	0.013	-0.003	
123422	194	195	1	QZCB	-2	-5	10	0.009	0.021	-0.003	
123423	195	196	1	QZCB	7	5	-4	0.264	0.007	-0.003	
123424	196	197	1	QZCB	3	11	13	0.009	0.015	-0.003	15
123425	197	198	1	SED	5	5	8	0.009	0.007	-0.003	
123426	198	199	1	SED	8	-5	-4	0.004	-0.003	-0.003	
123427	199	200	1	SED	9	6	5	0.005	0.003	-0.003	
123428	200	201	1	SED	18	-5	-4	0.005	0.004	-0.003	
123429	201	202	1	SED	10	-5	4	0.002	0.003	-0.003	
123430	202	203	1	SED	4	-5	5	0.012	0.007	-0.003	
123431	203	204	1	SED	6	-5	-4	0.004	0.005	-0.003	16
123432	204	205	1	SED	11	-5	-4	0.004	0.005	-0.003	
123433	205	206	1	SED							
	206	207	1	SED							
	207	208	1	SED							
	208	209	1	SED							
	209	210	1	SED							
	210	211	1	SED							
	211	212	1	SED							

DIAMOND DRILL LOG

Project: Canalask-Onion

Logged By: Larry Lahusen

Location: 035W/300S AZM: 049° Dip: -65°

Hole No. C02-003

Date Completed: 08/04/02

Total Depth: 181.4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
0.0	7.01	7.01	Casing						
7.01	52.73	45.72	FDUN	Dk-olive-grn	F - M	Ol>65% Pyx~10% Plag 5-10%	M+Ser+ Sr+Ph+ IronOx+ clay	Magnetite (M) + sulph(S)(?) around Ol grains w/very fine gr S), variable 5-8%, locally 15%, variable and sporadic 2-3% sulph(S)(?) (Po?), locally 5-10% occurring interstitial to M around Ol grains and M veinlets. Sulph(S)(?) looking min oxidizes quickly to bright yellow oxidation hollows (ferrochromite?).	Feldspathic Dunite (FDUN) - olivine (Ol) + plagioclase (Plag) rich FDUN with clinopyroxene (Pyx)(possible feldspathic dunite of Miller), abndt densely packed Ol w/ interstitial plag and pyx. Ol grains are moderately to completely altered to serpentine (Ser) to where grain boundaries are gone, plag is highly altered to sericite (Sr) + iron oxide (IronOx) + Phlogopite (Ph). Abndt sec-magnetite (M) forms rims around Ol grains and veinlets, rock looks net textured w/ some sulph(S) and chromite (chr) interstitial to the M around Ol grains. Structurally the section 7.01 to ~ 27 m has been extremely crushed-sheared-stress fractured with most of the exiting rock matrix completely destroyed to blk/dk-brn clay+serpentine+talc (?) w/ some inclusions of lesser-fractured or crushed rock fragments. (23.13 drop in Plag to <2%). Very magnetic section.
23.13	25.30	.60	Diorite Dike	Wh/Lt-gry	Fw/C	Plag>10% in Qtz matrix			White felsic (quartz?) ground mass with coarse plagioclase phenocrysts. Well-developed chill margin at UM contact.
31.55	31.95	.40	Diorite Dike	Wh/Lt-gry	Fw/C	Plag>10% in Qtz matrix			White felsic (quartz?) ground mass with coarse plagioclase Phenocrysts. Upper/lower contact at 40° to CA. Two small native copper clusters at lower contact. Well-developed chill margin at UM contact.
52.73	64.0	11.27	CLPX	Dk-olive-grn	F-M	Ol>70% PYX>10%	M+Ser+ Ph+ Clay+ IronOx	Magnetite (M) + sulph(S)(?), M rims around Ol grain boundaries, variable 5-8%, locally 15%, trace to 1% very fine-grained	Clinopyroxene (CLPX) - Olivine rich UM with interstitial moderate clinopyroxene and trace plagioclase (Olivine-Clinopyroxene of Miller) consisting of abndt densely packed Ol grains w/ moderate interstitial pyroxene (Pyx) and trace plagioclase (plag). Ol grains are moderately to completely altered to serpentine and rimmed w/ magnetite. Alteration is intense consisting of serpentine (Ser) + sericite (Sr) + phlogopite (Ph) + clay and very magnetic. Structurally very crushed and stress fractured section.

DIAMOND DRILL LOG

Project: Canalask-Onion

Logged By: Larry Lahusen

Location: 035W/300S AZM: 049° Dip: -65°

Hole No. C02-003

Date Completed: 08/04/02

Total Depth: 181.4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
64.0	72.65	8.65	CLPX	Dk-olive-gry-grn	F-M	OL>70% PYX>10%	Abndt M + Ser +Clay	sulph(S)(?)/chromite clusters.	Same as above CLPX, serpentine (Ser) alteration becomes more well developed, moderately to completely replacing Ol grains, increase in sercite (Sr) + phlogopite (Ph) and highly magnetic, very crushed and stress fractured.
72.85	83.0	10.35	CLPX	DK-gry-olive-grn	Fw/M	OL>70% PYX>15%	Abndt M + Ser +Clay	Noticeable increase in M + sulph(S)(?) + ferrochromite (?) consisting of net textured w/ M + chromite more linear or cumulous (?) thin net texture looking micro veinlets parallel to grain boundaries (possible ferrochromite/ sulph(S)(?) cutting through Ol grains)	Same as above CLPX, serpentine (Ser) alteration is well developed, moderately to completely replacing Ol grains, increase in sercite (Sr) + phlogopite (Ph) and highly magnetic, very crushed and stress fractured section.

DIAMOND DRILL LOG

Project: Canalask-Onion

Hole No. C02-003

Logged By: Larry Lahusen

Location: 035W/300S AZM: 049° Dip: -65°

Date Completed: 08/04/02

Total Depth: 181.4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
77.80	78.40	.60	Fault					variable 15 - 20% and locally 25 - 35%, ~2% visible very fine grained sulph(S)(?) clusters interstitial to M and interface with Ol grain boundaries.	Shear stress fabric at 40° to CA, beginning of major shear zone.
83.0	134.30	51.30	CLPX	Dk-gry-olive-gm	F	Ol>65% Pyx>15%		M+sulph(S)(?) net texture (as described above), variable 15% - 20%, locally 25% - 35%, increase in very fine grained sulph(S)(?) clusters variable 1 - 2%, locally >5% consisting of Po (?) or ferrochromite (very fine grained)	<u>Clinopyroxene (CLPX)</u> - Olivine rich UM with interstitial clinopyroxene and trace plagioclase (?) (Olivine-Clinopyroxene of Miller) consisting of abndt densely packed Ol grains w/ interstitial pyroxene, Ol grains are moderately to completely altered to serpentine and rimmed w/ magnetite. Alteration is intense consisting of Sr, Ser and Ph + clay and very magnetic. Structurally very crushed, stress fractured and sheared section.
92.85	134.30	41.45	Shear Zone - CLPX	Dk-gry olive gm to Blk					Shear zone becomes more intense, stress fabric at 40° to 60° to CA, UM textures completely crushed and sheared and being replaced by clay+Ser+Sr+Ph+ tab, occasional less deformed CLPX consisting of completely serperntinized Olivine grains with interstitial Pyx. 114 - 119 Becomes more brecciated.
134.30	134.8	.50	Diorite Dike						
134.8	154.2	19.40	Brecciated zone - CLPX	Dk-gry/blk					Brecciated and crushed CLPX + clay. CLPX inclusions consist of serperntinized olivine with Pyx, abndt alteration of clay + Ser+ Sr + Ph + M

DIAMOND DRILL LOG

Project: Canalask-Onion

Logged By: Larry Lahusen

Location: 035W/300S AZM: 049° Dip: -65°

Hole No. C02-003

Date Completed: 08/04/02

Total Depth: 181.4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
134.8	142.0	7.20	Min - CLPX	Dk-gry to Blk	F	Ol>65% Pyx>15%	Clay + M +Ser +Ph	M+sulph(S)(?) + ferrochromite net texture becomes more intense, variable 25% - 30%, locally >40%, increase in visible very fine grained sulph(S)(?) clusters variable 3 - 5%, locally >8% consisting of Po (?) or ferrochromite ; net textured w/ M more linear or cumulous (?) thin net textured micro veinlets parallel to grain boundaries and cutting through Ol grains	Extremely crushed-sheared-stress fractured section with most of the exiting rock matrix completely destroyed to blk/dk-brn clay+Ph+Ser+talc (?) + possible graphite(?) w/ some inclusions of lesser-fractured or crushed rock fragments. Olivine grains have been completely altered and replaced by serpentine.
142.0	148.0	6.0	Min - CLPX	Blk to Dk-gry	F	Ol>65% Pyx>15%	Clay + M + Chr + Ser + Ph	Heavy net textured - semi-massive to possible massive M + chromite + sulph (Po?), variable >40%, locally +80% M + sulph(S)(?). Very dense fine grained and highly magnetic.	Extremely crushed and sheared black/dense UM in clay magnetite + Ph + sulph(S)(?) matrix. Very dense fine-grained appearing totally altered w/ abndnt clay + possible graphite (?). Some uncrushed fragments are very dense-black CLPX, totally altered Ol grains w/ very heavy M + Chr + ser matrix. This section is has been crushed and sheared more than sections above and below and very highly magnetic.
148.0	152.75	4.75	Min - CLPX	Dk-gry	F	Ol>65% Pyx>15%	Clay + M +Ser +Ph	Magnetite + chromite + sulph(S)(?) Very dense fine grained and highly magnetic	Same as above, extremely crushed and sheared black/dense UM in clay + crushed rock matrix.

DIAMOND DRILL LOG

Project: Canalask-Onion

Logged By: Larry Lahusen

Location: 035W/300S AZM: 049° Dip: -65°

Hole No. C02-003

Date Completed: 08/04/02

Total Depth: 181.4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
152.75	154.20	1.45	Min - CLPX	Blk to Dk-gry	F			Same as 142.0 - 148.0 above	Same as 142.0 - 148.0 above extremely crushed and sheared black/dense UM in clay + crushed rock matrix.
154.20	160.25	6.05	MGBR	Blk/Dk-gry-grn grading to lt-gry-emerald gm	F	Plag > 15% Pyx > 15%	Abndt Sr + uraileite + fuchsite + calcite + Ph	154.2 - 154.7 = heavily mineralized, semi-massive to stringer very fine-grained magnetite + sulph(S) (Py - Po) remainder of section variable 5 - 8%, locally 10 - 12%, heavily concentrated at lower contact.	<u>Marginal Gabbro (MGBR)</u> - highly alter mafic rock consisting of plag + pyx; plag has been totally replaced by sericite (Sr) and phlogopite (Ph), pyx become more altered towards QZCB contact to uraileite (?) + axinite (?). Ghost texture of gabbro or ultramafic rock, abndt serpentine veins + quartz + fine calcite fractures. Very silicified + sulph(S)(?) at lower contact being very distorted and brecciated.
158.46	158.88		Fault						
160.25	166.12	5.87	QZCB	White/Lt-grn	VF	Quartz + chalcodony (Quartzite)	uraileite + fuchsite, abndt sec-quartz	Coarse & fine stringer sulph(S) filling fractures and veinlets and finely dissm. Variable 3 - 5%, locally 10%	<u>Quartz Carbonate alteration zone (QZCB)</u> - consists of all Quartz + chalcodony + uraileite (?), no calcite, contact w/ MGBR at 20° to CA very disrupted, brecciated and sheared.
161.20	161.25	.05	Fault						Well silicified/ brecciated fault at 60° to CA
162.50	162.80	.30	Fault						Appears to be a major fault zone, highly crushed, brecciated and very oxidized w/ abndt hematite + clay.
165.20	165.90	.70	Fault						Crushed -- brecciated zone in QZCB near ANDS contact, 40° to CA, wh-lt-gry. qtz, no calcite.
166.12	181.40	15.28	ANDS	Lt-gry/white-grn	M-C	Plag + hornblende (Hb) + Qtz +	Some calcite + qtz	Dissm and stringer sulph(S) clusters interstitial and w/in Bt	<u>Andesite porphyry (ANDS)</u> - fine-grained quartz (Qtz) ground mass with M/C phenocrysts of plagioclase (plag) + hornblende (Hb) + biotite (bt), plag phenos become highly altered and replaced by epidote and chlorite with depth.

ASSAY SAMPLE LOG

HOLE NO. C02-003

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length	Unit	Min.	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Samp.
123434	7.01	8	0.99	PERD								
123435	8	9	1	PERD								1
123436	9	10	1	PERD								
123437	10	11	1	PERD								
123438	11	12	1	PERD								
123439	12	13	1	PERD								
123440	13	14	1	PERD								
123441	14	16	2	PERD								
123442	16	17	1	PERD								
123443	17	18	1	PERD								
123444	18	19	1	PERD								
123445	19	20	1	PERD								
123446	20	21	1	PERD								
123447	21	22	1	PERD								
123448	22	23	1	PERD								
123449	23	24	1	PERD								
123450	24	25	1	PERD								
123451	25	26	1	PERD								
123452	26	27	1	PERD								
123453	27	28	1	PERD								
123454	28	29	1	PERD								
123455	29	30	1	PERD								
123456	30	31	1	PERD								2
123457	31	32	1	PERD								
123458	32	33	1	PERD								
123459	33	34	1	PERD								
123460	34	35	1	PERD								
123461	35	36	1	PERD								
123462	36	37	1	PERD								
123463	37	38	1	PERD								
123464	38	39	1	PERD								
123465	39	40	1	PERD								
123466	40	41	1	PERD								
123467	41	42	1	PERD								
123468	42	43	1	PERD								
123469	43	44	1	PERD								
123470	44	45	1	PERD								
123471	45	46	1	PERD								
123472	46	47	1	PERD								3
123473	47	48	1	PERD								
123474	48	49	1	PERD								
123475	49	50	1	PERD								
123476	50	51	1	PERD								
123477	51	52	1	PERD								
123478	52	53	1	PERD								
123479	53	54	1	CLPX								4
123480	54	55	1	CLPX								
123481	55	56	1	CLPX								
123482	56	57	1	CLPX								
123483	57	58	1	CLPX								
123484	58	59	1	CLPX								

ASSAY SAMPLE LOG

HOLE NO. C02-003

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length	Unit	Min.	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Samp.
123485	59	60	1	CLPX								
123486	60	61	1	CLPX								
123487	61	62	1	CLPX								
123488	62	63	1	CLPX								
123489	63	64	1	CLPX								
123490	64	65	1	CLPX								
123491	65	66	1	CLPX								
123492	66	67	1	CLPX								5
123493	67	68	1	CLPX								
123494	68	69	1	CLPX								
123495	69	70	1	CLPX								
123496	70	71	1	CLPX								
123497	71	72	1	CLPX								
123498	72	73	1	CLPX								
123499	73	74	1	CLPX								
123500	74	75	1	CLPX								
123501	75	75.29	0.29	CLPX								
123502	75.29	76	0.71	CLPX								
123503	76	77	1	CLPX								
123504	77	78	1	CLPX								6
123505	78	79	1	CLPX								
123506	79	80	1	CLPX								7
123507	80	81	1	CLPX								
123508	81	82	1	CLPX								
123509	82	83	1	CLPX								
123510	83	84	1	CLPX								
123511	84	85	1	CLPX								8
123512	85	86	1	CLPX								
123513	86	87	1	CLPX								
123514	87	88	1	CLPX								
123515	88	89	1	CLPX								
123516	89	90	1	CLPX								
123517	90	91	1	CLPX								
123518	91	92	1	CLPX								9
123519	92	93	1	CLPX								
123520	93	94	1	CLPX								
123521	94	95	1	CLPX								
123522	95	96	1	CLPX								
123523	96	97	1	CLPX								
123524	97	98	1	CLPX								
123525	98	99	1	CLPX								
123526	99	100	1	CLPX								
123527	100	101	1	CLPX								
123528	101	102	1	CLPX								
123529	102	103	1	CLPX								
123530	103	104	1	CLPX								
123531	104	105	1	CLPX								
123532	105	106	1	CLPX								
123533	106	107	1	CLPX								10
123534	107	108	1	CLPX								
123535	108	109	1	CLPX								

ASSAY SAMPLE LOG

HOLE NO. C02-003

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length	Unit	Min.	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Samp.
123536	109	110	1	CLPX								
123537	110	111	1	CLPX								
123538	111	112	1	CLPX								
123539	112	113	1	CLPX								
123540	113	114	1	CLPX								
123541	114	115	1	CLPX								11
123542	115	116	1	CLPX								
123543	116	117	1	CLPX								
123544	117	118	1	CLPX								
123545	118	119	1	CLPX								
123546	119	120	1	CLPX								
123547	120	121	1	CLPX								
123548	121	122	1	CLPX								
123549	122	123	1	CLPX								
123550	123	124	1	CLPX								
123551	124	125	1	CLPX								12
123552	125	126	1	CLPX								
123553	126	127	1	CLPX								
123554	127	128	1	CLPX								
123555	128	129	1	CLPX								
123556	129	130	1	CLPX								
123557	130	131	1	CLPX								
123558	131	132	1	CLPX								
123559	132	133	1	CLPX								
123560	133	134	1	CLPX		10	38	15	0.001	0.265	0.013	13
123561	134	135	1	CLPX		-2	13	16	-0.001	0.113	0.007	
123562	135	136	1	CLPX	NetMin	4	41	44	-0.001	0.263	0.012	
123563	136	137	1	CLPX	NetMin	2	17	34	0.003	0.280	0.014	
123564	137	138	1	CLPX	NetMin	-2	19	17	-0.001	0.260	0.011	
123565	138	139	1	CLPX	NetMin	4	6	26	-0.001	0.240	0.012	
123566	139	140	1	CLPX	NetMin	4	20	51	-0.001	0.213	0.010	
123567	140	141	1	CLPX	NetMin	4	48	89	0.001	0.255	0.014	14
123568	141	142	1	CLPX	NetMin	6	30	55	0.003	0.248	0.013	
123569	142	143	1	CLPX	HvyMin	10	19	49	-0.001	0.236	0.013	15
123570	143	144	1	CLPX	HvyMin	14	31	126	0.002	0.199	0.011	
123571	144	145	1	CLPX	HvyMin	11	44	98	0.004	0.241	0.012	16
123572	145	146	1	CLPX	HvyMin	7	61	136	0.019	0.283	0.013	
123573	146	147	1	CLPX	HvyMin	13	45	102	0.014	0.282	0.014	
123574	147	148	1	CLPX	HvyMin	19	97	212	0.030	0.317	0.014	
123575	148	149	1	CLPX	NetMin	6	48	78	0.007	0.256	0.013	
123576	149	150	1	CLPX	NetMin	8	42	61	0.002	0.259	0.014	
123577	150	151	1	CLPX	NetMin	6	32	31	0.001	0.259	0.012	
123578	151	152	1	CLPX	NetMin	2	46	71	0.010	0.245	0.013	
123579	152	153	1	CLPX	NetMin	6	35	55	0.007	0.266	0.015	
123580	153	154	1	CLPX	HvyMin	15	50	78	0.020	0.292	0.016	
123581	154	155	1	MGBR	HvyMin	10	54	92	0.012	0.187	0.012	17
123582	155	156	1	MGBR	HvyMin	11	92	260	0.041	0.241	0.012	
123583	156	157	1	MGBR	StrgMin	15	16	86	0.043	0.143	0.009	
123584	157	158	1	MGBR	StrgMin	8	28	50	0.023	0.128	0.009	
123585	158	159	1	MGBR	StrgMin	-2	63	78	0.024	0.148	0.009	
123586	159	160	1	MGBR	StrgMin	19	71	250	0.091	0.198	0.010	18

ASSAY SAMPLE LOG

HOLE NO. C02-003

PROJECT: Canalask-Onion

Assay Tag No.	From	To	Core Length	Unit	Min.	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)	Rep. Samp.
123587	160	161	1	MGBR	StrgMin	21	44	117	0.069	0.088	0.005	
123588	161	162	1	QZCB	StrgMin	11	-5	-4	0.016	-0.003	-0.003	19
123589	162	163	1	QZCB	StrgMin	8	-5	-4	0.006	0.004	-0.003	
123590	163	164	1	QZCB	StrgMin	16	-5	5	0.054	0.003	-0.003	
123591	164	165	1	QZCB	StrgMin	15	-5	5	0.011	-0.003	-0.003	
123592	165	166	1	QZCB	StrgMin	17	-5	7	0.024	0.004	-0.003	
123593	166	167	1	ANDS	DissMin	6	-5	-4	0.020	-0.003	-0.003	
123594	167	168	1	ANDS	DissMin	10	-5	-4	0.028	-0.003	0.004	
123595	168	169	1	ANDS	DissMin	11	8	-4	0.031	-0.003	0.004	
123596	169	170	1	ANDS	DissMin	60	-5	-4	0.173	-0.003	-0.003	20
123597	170	171	1	ANDS	DissMin	36	5	7	0.134	-0.003	-0.003	
123598	171	172	1	ANDS	DissMin	11	5	4	0.050	0.013	-0.003	
123599	172	173	1	ANDS	DissMin	9	5	7	-0.001	0.041	0.005	
123600	173	174	1	ANDS	DissMin	6	-5	-4	0.004	0.027	0.004	
123601	174	175	1	ANDS	DissMin	8	6	11	0.026	-0.003	-0.003	
123602	175	176	1	ANDS	DissMin	217	5	-4	0.040	-0.003	-0.003	21
123603	176	177	1	ANDS	DissMin	7	-5	-4	0.005	-0.003	-0.003	
123604	177	178	1	ANDS	DissMin	11	-5	-4	0.061	-0.003	-0.003	
123605	178	179	1	ANDS	DissMin	12	-5	-4	0.019	-0.003	-0.003	
123606	179	180	1	ANDS	DissMin	4	-5	-4	0.027	-0.003	-0.003	22
123607	180	181.36	1.36	ANDS	DissMin	17	-5	-4	0.013	-0.003	-0.003	

Assay Analysis: Code 8

SAMPLE	Cu %	Ni %	Co %
123560	0.001	0.265	0.013
123561	-0.001	0.113	0.007
123562	-0.001	0.263	0.012
123563	0.003	0.280	0.014
123564	-0.001	0.260	0.011
123565	-0.001	0.240	0.012
123566	-0.001	0.213	0.010
123567	0.001	0.255	0.014
123568	0.003	0.248	0.013
123569	-0.001	0.236	0.013
123570	0.002	0.199	0.011
123571	0.004	0.241	0.012
123572	0.019	0.283	0.013
123573	0.014	0.282	0.014
123573 /R	0.014	0.280	0.014
123574	0.030	0.317	0.014
123575	0.007	0.256	0.013
123576	0.002	0.259	0.014
123577	0.001	0.259	0.012
123578	0.010	0.245	0.013
123579	0.007	0.266	0.015
123580	0.020	0.292	0.016
123581	0.012	0.187	0.012
123582	0.041	0.241	0.012
123583	0.043	0.143	0.009
123584	0.023	0.128	0.009
123585	0.024	0.148	0.009
123586	0.091	0.198	0.010
123587	0.069	0.088	0.005
123587 /R	0.066	0.088	0.004
123588	0.016	-0.003	-0.003
123589	0.006	0.004	-0.003
123590	0.054	0.003	-0.003
123591	0.011	-0.003	-0.003
123592	0.024	0.004	-0.003
123593	0.020	-0.003	-0.003
123594	0.028	-0.003	0.004
123595	0.031	-0.003	0.004
123596	0.173	-0.003	-0.003

Adrienne I. Ritau
 Adrienne I. Ritau, B. Sc., C.Chem.
 ICP Technical Manager

Negative values indicate less than the detection limit

Assay Analysis: Code 8

SAMPLE	Cu %	Ni %	Co %
123597	0.134	-0.003	-0.003
123598	0.050	0.013	-0.003
123599	-0.001	0.041	0.005
123600	0.004	0.027	0.004
123601	0.026	-0.003	-0.003
123602	0.040	-0.003	-0.003
123603	0.005	-0.003	-0.003
123604	0.061	-0.003	-0.003
123605	0.019	-0.003	-0.003
123606	0.027	-0.003	-0.003
123607	0.013	-0.003	-0.003
METHOD REAGENT BLANK	-0.001	-0.003	-0.003
METHOD REAGENT BLANK	-0.001	-0.003	-0.003
CZn-3 CERT	0.685	0.009	0.009
CZn-3	0.689	0.004	0.009
KC-1a CERT	0.629		
KC-1a	0.641	-0.003	0.010
MP-1a CERT	1.44		
MP-1a	1.391	-0.003	-0.003
CCu-1c CERT	25.62	(0.001	(0.002
CCu-1c	*	-0.003	-0.003
Su-1a CERT	0.967	1.233	0.041
Su-1a	0.941	1.231	0.038

* Requires dilution for linear range.
 "(*) indicates provisional values

Sample ID	Au ppb	Pt ppb	Pd ppb
123560	10	38	15
123561	-2	13	16
123562	4	41	44
123563	2	17	34
123564	-2	19	17
123565	4	6	26
123566	4	20	51
123567	4	48	89
123568	6	30	55
123569	10	19	49
123570	14	31	128
123571	11	44	98
123572	7	61	136
123573	13	45	102
123574	19	97	212
123575	6	48	78
123576	4	33	78
123577	8	42	61
123578	6	32	31
123579	2	46	71
123580	6	35	55
123581	15	50	78
123582	10	54	92
123583	15	92	260
123584	15	16	86
123585	8	28	50
123586	-2	63	78
123587	19	71	250
123588	21	44	117
123589	11	-5	-4
123590	8	-4	-4
123591	16	-5	5
123592	15	-5	5
123593	17	-5	7
123594	6	-5	-4
STANDARD FA-10R	495	483	499
123594	10	-5	-4
123595	11	-5	-4
123596	8	-4	-4
123597	60	-5	-4
123598	36	5	7
123599	11	5	4
123600	9	5	7
123601	6	-5	-4
123602	8	6	11
123602 Dup	217	5	-4
123603	233	-5	-4
123604	7	-5	-4
123605	11	-5	-4
123606	12	-4	-4
123607	4	-5	-4
123608	17	-5	-4
STANDARD FA-10R	501	491	486
Accepted FA-10R	450-500	450-500	450-500

Sample ID	Os ppb	Ir ppb	Ru ppb	Rh ppb	Pt ppb	Pd ppb	Au ppb	Re ppb	Mass g
123570	13	6.7	34	4.6	49	220	2.7	-5	49
123571	13	5.9	8	3.5	49	60	6.9	-5	32.5
123572	15	8.6	28	8.3	70	115	3.5	-5	49
123573	13	7.5	23	5.8	62	78	4.5	-5	33
123574	17	9.1	30	10	90	157	6.5	-5	50
123582	15	9.5	45	15	75	208	15	-5	50
123583	6	4.3	15	5.1	30	95	11	-5	50
123584	6	3.5	13	3.3	45	52	6.9	-5	50
123585	6	4.1	-5	4.3	72	80	8.1	-5	50
123586	8	6	24	7	96	157	10	-5	50
123587	6	3.8	-5	5.8	81	139	22	-5	49
BLANK	-2	-0.1	-5	-0.2	-5	-2	-0.5	-5	50
SARM-7-1	63	74	440	239	3740	1540	300	-5	10
SARM-7 CERT.	63	74	430	240	3740	1540	310		