Summary Report

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

Yukon Territory

URAVAN MINERALS INC.
searching for the metals of the future

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Introduction

The Canalask-Onion property occurs in the "Kluane Mafic-Ultramafic Belt" ("Kluane 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 Triassic 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 mineralization and geological setting of the Kluane Belt mafic-ultramafic complexes have been compared to the world class, Lower Triassic, Noril'sk Ni-Cu-PGE deposits in Russia. Currently the Wellgreen deposit is the most prominent Ni-Cu-PGE occurrence in the Kluane Belt, which is hosted in the Quill Creek Intrusive Complex, located 90 km to the southeast of the White River Sill. The Wellgreen mine was in production from 1972 – 1973 producing approximately 172,000 tonnes grading 2.23% Ni, 1.39% Cu, 0.073% C0 and 2.23 g/t Pt + Pd.

Property Location and Ownership

The Canalask-Onion Property is located in southwest Yukon Territory 320 km from Whitehorse along the Alaska Highway at Latitude 61°57'N, Longitude 140°32'W (NTS 115F/15 & 16)(Figure 1). The Canalask-Onion property consists of 192 contiguous claims (Table 1) covering approximately 4000 hectares in the Whitehorse Mining District (Figure 2). Uravan Minerals Inc can acquire up to a 60% interest in the Canalask-Onion property from Expatriate Resources Ltd by incurring $2,200,000 in exploration expenditures by August 2004.

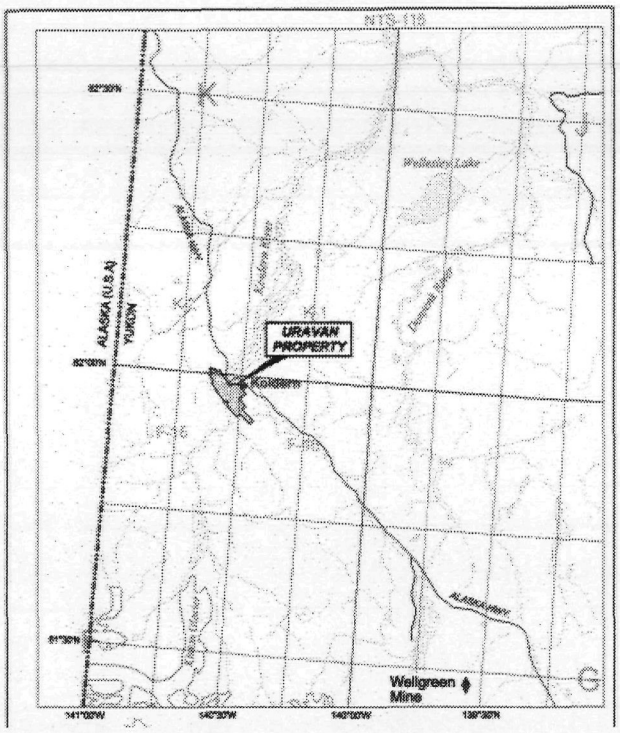


Figure 1: Canalask-Onion Property Location

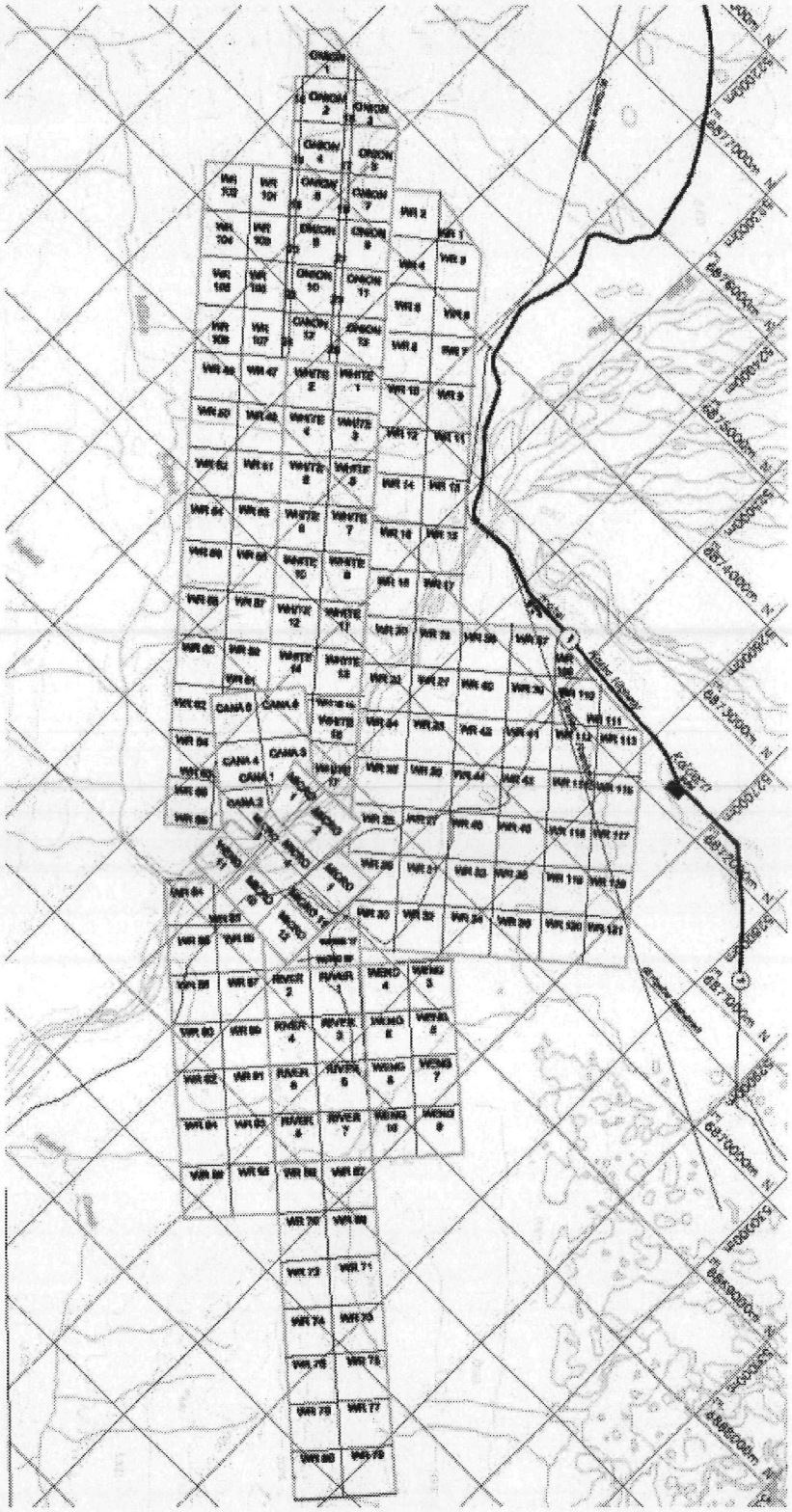


Figure 2: Canalask-Onion Claim Map

Table 1: Canalask-Onion Claims

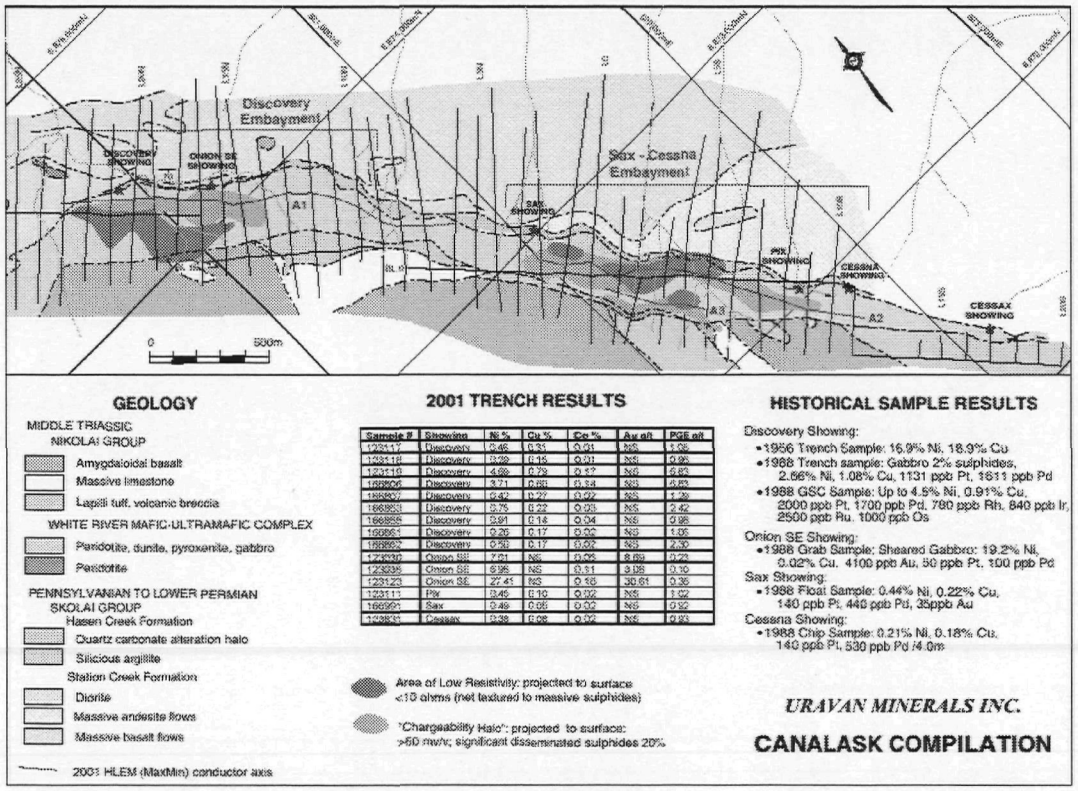
Claim Name	*Grant Number*
Onion 1 – 13	YA96595 – YA96607
Onion 15, 17, 19, 21	YA97914, YA97916, YA97918, YA97920
Onion 23, 25	YA97922, YA97924
White 1 – 5	YB38234 – YB38238
White 8, 10	YB38241, YB38243
WR 2, 4, 6	YB96869, YB96871, YB96873
WR 8, 10, 12	YB96875, YB96877, YB96879

Regional Geology

The Canalask-Onion property lies along the northwest edge of the Wrangellia Terrane within a steeply dipping package of Late Paleozoic and Early Mesozoic volcanic and sedimentary rocks. These rocks have been subdivided into two groups, the Skolai Group and the Nikolai Group. The mafic-ultramafic White River Intrusive Complex is the third dominant lithology occurring at and along the angular unconformity that defines the Nikolai and Skolai Group contact. The Denali Fault system bounds the property to the northeast and the Duke River Fault to the southwest.

The Skolai Group is a thick sequence (up to 2000 m) of pyroclastic andesites, interbedded phyllites, limestone, cherty argillites and minor tuff horizons representing the oldest rocks (Pennsylvanian – Permian) on the property and form the footwall to the White River Intrusive Complex. The younger Nikolai Group (Middle to Late Triassic) is a kilometer or more thick sequence of basalt flows with minor interbedded limestone that overlies the Skolai Group rocks and defines the hanging wall of the White River Sill.

The White River Sill occurs along the Nikolai – Skolai Group unconformity described above, obtaining widths up to 300 m and locally narrowing to 100 m. Based on field observations the footwall of the sill dips steeply to the Southwest 65°to 76°, the hanging wall contact appears to have a shallower dip at 56° to the southwest. The White River Sill is a systematically zoned ultramafic-mafic intrusive with ultramafic rocks occupying the core and periphery of the intrusive (dunite, wehrlite, clinopyroxenite). Mafic rocks (the "marginal gabbro") are uniformly distributed and restricted along the footwall of the sill (olivine gabbro, gabbro). A quartz-carbonate alteration halo forms a rim around the entire intrusive complex, however, is most very prominent and well-developed alteration feature along the footwall contact (Figure 3).



Sample #	Showing	Ni %	Cu %	Co %	Au g/t	PGE g/t
123117	Discovery	0.46	0.35	0.01	NS	1.05
123118	Discovery	0.39	0.15	0.01	NS	0.96
123119	Discovery	4.68	0.79	0.17	NS	6.83
188806	Discovery	3.71	0.88	0.14	NS	4.83
188807	Discovery	0.42	0.27	0.02	NS	1.26
188808	Discovery	2.75	0.22	0.03	NS	2.42
188809	Discovery	2.91	0.14	0.04	NS	0.98
188861	Discovery	0.26	0.17	0.02	NS	1.06
188862	Discovery	0.58	0.17	0.02	NS	2.30
123120	Onion SE	7.01	NS	0.05	8.69	0.23
123235	Onion SE	9.95	NS	0.11	3.08	0.10
123123	Onion SE	27.41	NS	0.16	30.61	0.35
123111	Pix	0.45	0.10	0.02	NS	1.02
188891	Sax	0.49	0.08	0.02	NS	0.92
123121	Cessax	0.38	0.08	0.02	NS	0.93

Figure 3: Canalask-Onion Property Compilation Map

Mineralization

The Canalask-Onion property has been the focus of various operators' exploration efforts since 1952, resulting in the discovery of a number of surface Ni-Cu-PGE occurrences that can be grouped into three styles of mineralization described below:

Epigenetic Structurally Controlled Nickel Mineralization - The Main Zone

The area south of the White River has been the focus of most of the historical exploration on the Canalask-Onion property with the discovery and development of the Main Zone nickel deposit. The Main Zone is a nickel rich ore body consisting of 390,235 tonnes grading 1.35% Ni, with very weak Cu-PGE values. The Main Zone occurs in faults and shear zones in the footwall of the White River Sill hosted by highly altered albitized tuffs with intercalated limestone (often hosting calc-silicate skarns) and hornfelsed argillite intruded by sill-like gabbro. Mineralization is epigenetic and structurally controlled, consisting of disseminations, fracture fillings, veins, breccia fillings and irregular replacements of pyrrhotite, pyrite, chalcopyrite and pentlandite in semi-massive or massive quantities. The Main Zone has been drilled and evaluated from underground for its nickel potential and remains accessible from an adit located on the east shore of the White River.

Magmatic Footwall Sill Contact - Miles Ridge Discovery Zone

The White River Sill in the Miles Ridge area (located north of the White River) has intruded a prominent angular unconformity defined by the contact between the Skolai Group of Pennsylvanian to Lower Permian Age on the footwall and the Nikolai Group of Triassic Age on the hanging wall of the sill. The sill exhibits good zonation, characterized by a marginal gabbro that forms the floor and footwall of the intrusion and is overlain and gradational into melano-gabbro, clinopyroxenite, peridotite and dunite. The

sill rocks grade abruptly into a quartz-carbonate alteration zone on footwall and hanging wall contacts, however, it is much more prominent and better developed on the footwall contact where it can measure up to 50 m thick

From 1987 – 1998 geophysical surveys (ground and airborne) in conjunction with prospecting and geochemical surveys performed over the White River Sill in the Miles Ridge area, has identified six Ni-Cu-PGE surface occurrences named the Discovery, Onion SE, Rex, Sax, Cessna, and Polestar showings These showings are hosted by the White River Sill and occur at the western end of the intrusive over a 7-kilometre distance along the footwall of the intrusive

One of the most prominent mineral occurrences, the Discovery showing, was first recognized in a trench exposing the marginal gabbro contact of the White River Sill, where the mineralization occurs as near massive, foliated pyrrhotite bands up to 10 cm thick Prospecting and hand trenching in 1956 returned values up to 17 1% Ni and 23 9% Cu, PGE's were not assayed during this period In addition to pyrrhotite, pyrite and chalcopyrite, the showing was reported to contain magnetite, pentlandite, heazlewoodite and niccolite In 1988, the Discovery showing trench was hand excavated exposing 3 0 m of marginal gabbro containing up to 2% disseminated sulphides in contact with the footwall quartz-carbonate altered rocks Larry Hulbert of the Geological Survey of Canada visited the cleaned out trench, and samples he collected from this location assayed up to 4 5% Ni, 0 91% Cu, 0 15% Co, 2000 ppb Pt, 1700 ppb and 56 ppb Au Dr Hulbert also assayed for the "rare" PGE's and the results were up to 780 ppb rhodium, 840 ppb iridium, 1000 ppb osmium, 2500 ppb ruthenium When combined with gold the total PGE assay is 8 87 g/t PGE + Au

Hydrothermal "Skarn" Mineralization – Miles Ridge Onion SE Zone

A third style of mineralization occurs at the Onion SE showing discovered in 1987 and located 300 m southeast of the Discovery showing The Onion SE showing consists of strongly sheared, weathered marginal gabbro containing niccolite (NiAs) with no visible sulphides (FeS) A sample of this mineralization assayed 19 2% Ni, 0 02% Cu and 4 1g/t Au, 50 ppb Pt, and 100 ppb Pd The anomalous metal content is believed to be due to hydrothermal enrichment of Ni and Au and the depletion of Cu and PGE's

The Geological Model

Predominantly, the Ni-Cu + PGE mineralization occurring at the White River Sill is of magmatic sulphide origin ("magmatic footwall sill contact") where a sulphide saturated magma has equilibrated with Ni and PGE's and settled out due to gravity in paleo topographic depressions or embayments along the basal contact of the ultramafic sill At Canalask-Onion, the White River ultramafic sill is well exposed and the marginal gabbro that defines the periphery of the sill forms the immediate contact on the footwall with the quartz-carbonate unit This geological setting is typical of "immiscible magmatic sulphide" deposits and specifically the geological setting that represents the world class Noril'sk deposits in Siberia, Russia The following are similarities between the Ni-Cu + PGE's at the Canalask-Onion property to the Ni-Cu + PGE deposits occurring at the Noril'sk-Talnakh region, Russia

- The Noril'sk and Kluane Belt mafic-ultramafic intrusives, specifically White River Sill, are Lower Triassic in age
- The Ni-Cu ± PGE deposits of the Kluane Belt and Noril'sk-Talnakh are associated with hypabyssal mafic-ultramafic intrusions related to Triassic flood basalt volcanism The Middle Triassic Nikolai basalts compare favorably to the extensive lavas of the Siberian Platform
- The ore bodies and associated mafic-ultramafic components at Noril'sk-Talnakh were emplaced in Upper Permian clastic sedimentary and tuffaceous rocks The ultramafic cumulates and associated mineralization within the Kluane Belt occurs at or near the contact of the Permian

Hasen Creek Formation (sediments, phyllite, chert, limestone and conglomerates) and Station Creek Formation (volcanics, volcanoclastics with minor limestone)

- Metasomatic alteration fronts-halos envelope the gabbro hosted and footwall hosted sulphide bodies at Noril'sk Marginal gabbro mineralization at Canalask-Onion and the footwall hosted Main Zone are enveloped by a quartz-carbonate alteration halo and a metasomatic, skarnification halo respectively
- At the 130 million tonne Oktyabri'sk sulphide body in Russia, pre-production grades of 3 65% Ni, 4 70% Cu, 0 13% Co + >10 g/t PGE's occur in massive sulphides associated with sulphide bearing gabbroic phases, but also in gabbro or, more commonly, in footwall tuffaceous sedimentary rocks This compares favorably with the known massive sulphide occurrences with significant Ni-Cu + PGE grades occurring in gabbro (Discovery Showing) and zones of massive sulphide (Ni-Cu, Co ± PGE's) mineralization occurring in highly altered sediments within the footwall of the White River Intrusive Complex (Main Zone)

2001 Exploration Summary

Uravan's exploration focus is in the Miles Ridge area of the White River Sill, which hosts the Discovery, Onion SE, Sax, Rex and Cessna showings, encompassing a distance of about 5 km Figure 3) With the exception of a soil geochemical and MAG / VLF survey performed in 1988, the exploration that has taken place in this area has been very intermittent The following summarizes Uravan's 2001 exploration program and results

1 ***Grid Establishment*** A 100m-spaced grid was established to cover the Discovery through Cessna showing areas, amounting to 5 km of baseline and 34 26 km of cross lines The base line was designed to maintain an azimuth of 140° and was positioned to ensure that cross lines (azimuth 050°) covered the footwall and hanging wall contacts of the White River Sill from the northernmost part of the property, south to the area of the Cessna showing Due to extreme magnetism of the sill rocks and difficult topography, locally the base line swayed from the desired azimuth GPS readings were taken at the end of each cross line and the GPS coordinates were used to accurately position the grid on base maps Dangerous terrain conditions prohibited establishing grid lines over the southernmost portion of the grid (L1200S – 2000S)

2. ***Ground MAG Survey.*** A ground "total field magnetics" (MAG) survey was performed over the grid, amounting to 34 4 line km with readings taken every 12 5 m along grid lines The survey accurately defined the surface location of the sill as a continuous high MAG anomaly, reflecting the presence of disseminated magnetite within the sill due to serpentinization that dips moderate to steeply to the southwest Total magnetic field and vertical gradient contoured maps were produced at a scale of 1 10,000 and provide a base for ongoing interpretation

3. ***HLEM – MaxMin Survey*** A HLEM MaxMin (EM) survey was conducted over the entire grid using a 100 m-coil separation, resulting in completing 30 95 km of MaxMin Additional MaxMin using a 50 m-coil (3 875 line km) and 150 m-coil (4 80 line km) separations were used over two anomalous areas where the 100 m coil separation established moderate to strong conductors, notably (1) the area of the Discovery – Onion SE showings occurring over a strike length of 600 m (conductor A1) and (2) at the Sax area showings occurred over a strike length of 800 m (conductor A2 & A3) (Figure 3) Conductor A1, at its strongest location (L1800N / 350E), is indicative of disseminated sulphides at an estimated depth of 40-45 m below surface The conductor conforms to the trace of the footwall contact and has an apparent dip of 61° to the southwest Conductor A2 also follows the strike of the sill complex and has an apparent 68° dip to the southwest Conductor A2, at its strongest location (L175S / 25E), the electromagnetic (EM) response is indicative of disseminated to massive sulphides at approximately 55 m below surface

4. ***Induced Polarization Survey*** An Induced Polarization survey (IP) was conducted to better define and evaluate the source of the A1 and A2 conductive responses (i e disseminated to massive sulphides) described above The IP survey totaled 7 6 line km and encompassed conductor A1 between grid lines 2300 –1500 N (Discovery – Onion SE) and conductor A2 between grid lines 200 N – 900 S (Sax – Cessna)(Figure 3) The IP survey defined large shallow occurring (30 – 40 m) chargeability anomalies (>30mV/V) associated with both conductors and within and below (>50m) the chargeability halos occurs significant areas of very low resistivity (<10 ohm-m) A computerized inversion model of the IP resistivity-chargeability was performed with the EM data and plotted against the surface geology The results clearly illustrate a large halo of elevated chargeability (>30mV/V) runs the length of the Discovery –Onion SE showings and Sax – Cessna showings and the axes of the chargeability and resistivity highs are essentially coincident the axis of the A1 and A2 EM conductors The sources of the high IP chargeability-resistivity and coincident A1 and A2 conductivity is interpreted to originate from primary sulphide mineralization at the base of the White River Sill starting at approximately 30-50m below surface and remaining open to depth The significance of the depth below surface can be attributed to surface oxidation, i e sulphides that were present to depths of 0-30m below surface are oxidized and do not respond to the IP The low resistivity signatures (<10 ohm-m) suggest more massive sulphides and although described as moderate conductors on surface, the EM signature may be a reflection of the increased sulphides to depth as the resistivity is suggesting The location of the surface conductor axis (A1& A2), which strike parallel to but not directly at the footwall contact, supports increased sulphides at depth but down dip, possibly at depths >50m down the dip of the sill footwall contact

5 ***Geological Mapping and Sampling:*** The grid was mapped and all outcrops were sampled with emphasis on hand trenching and sampling the footwall contact of the sill All samples collected were a combination of chip and grab samples from various trenches excavated across the footwall contact and into the lower sill margins Typically the sample medium is comprised of broken and highly oxidized bedrock, collected in steep terrain 324-rock samples were analyzed for their major and trace element abundances About 40% of these samples have been further subjected to a more precise check assaying modality using various fire assay techniques for their base metal (Ni, Cu, Co), precious metal (Au) and full PGE content (Pt, Pd, Os, Ir, Ru, Rh) The following table depicts the most encouraging assay results from these procedures

Table 1: Selected Assay Results

Sample #	Showing	Ni %	Cu %	Co %	Au g/t	PGE g/t
123117	Discovery	0 46	0 31	0 01	NS	1 08
123118	Discovery	0 29	0 15	NS	NS	0 96
123119	Discovery	4 69	0 79	0 17	NS	6 83
166806	Discovery	3 71	0 60	0 14	NS	6 83
166807	Discovery	0 42	0 27	0 02	NS	1 29
166853	Discovery	0 75	0 22	0 03	NS	2 42
166855	Discovery	0 91	0 14	0 04	NS	0 98
166861	Discovery	0 26	0 17	0 02	NS	1 06
166862	Discovery	0 50	0 17	0 02	NS	2 30
123030	Onion SE	7 01	NS	0 05	8 69	0 23
123035	Onion SE	6 96	NS	0 11	3 08	0 10
123123	Onion SE	27 41	NS	0 18	30 61	0 38
123111	Pix	0 45	0 10	0 02	NS	1 02
166991	Sax	0 49	0 05	0 02	NS	0 92
123831	Cessna	0 38	0 08	0 02	NS	0 93

NS = Not Significant

The majority of the 324-rock samples collected within the White River sill have very high Ni-Pt-Pd background values, > 1500 ppm Ni and >100 ppb Pt+Pd ACME Analytical Laboratories in Vancouver, BC conducted the whole rock and trace element analysis and Activation Laboratories Ltd in Ancaster, Ontario completed all check assaying and full PGE analysis (NiS fire assay for Pt, Pd, Rh, Os, Ir, Ru)

The sampling resulted in better defining areas of enrichment and depletion in key elements such as Ni, Cu, Co, MgO, Cr, S, and PGE's + Au within the White River Sill, and defined areas of increased mineralization associated with the footwall contact The rock geochemistry was successful in defining several zones of enrichment in key elements (Ni, Pt, Pd, S), which correlate very well with structurally complex areas where the basal sill contact has been structurally deformed and also within areas where the sill itself has thickened The surface mapping has provided an accurate geological map of the White River Sill and surrounding footwall and hanging wall rocks

6 ***Petrographic Analysis of Representative Suite*** A petrographic study of 16 representative samples greatly enhanced Uravan's understanding of the White River Sill lithology, alteration, structure and mineralization The purpose of the study was twofold, to develop a consistent rock nomenclature for the various lithologies that comprise the White River Sill for future mapping and drill programs, and to distinguish between the different types of mineralization identified on the property Some of the more pertinent observations are listed below

- In the Miles Ridge area, the White River Sill has been overprinted by two stages of alteration Initially serpentinization with accompanying sericitization/argillitization, chloritization and sulphurization Secondly, property-scale deformation introduced carbonitization represented by the quartz-carbonate replacement zones along the upper and lower borders of the White River Sill
- Penetrative deformation was observed in mineralized samples from the Discovery showing implying that a structure(s), suggested to be acute to the sill has/have displaced mineralization either along strike or down dip
- Two distinct types of mineralization were recognized from the sample suite submitted Magmatic disseminated, net-textured to massive sulphide Ni + PGE + Cu mineralization that varies depending on its proximity to the quartz-carbonate alteration halo The second style of mineralization is epigenetic, skarn-like, niccolite (very high grade nickel) and gold (very high grade) rich At the Onion SE arsenic-rich, sulphur poor, niccolite, gold, electrum and sphalerite characterize the mineralization The low PGE associated with the arsenic rich mineralization is attributed to the inability of arsenic-bearing hydrothermal systems to transport PGE's
- The high grade nickel (>27% Ni) that characterizes the Onion SE occurrence suggests that arsenic bearing, sulphur poor hydrothermal fluids equilibrated with and leached appreciable nickel from possibly nickel-rich, sulphide poor dunitic rocks of the White River Sill
- The petrographic study has recognized a very significant epigenetic (skarn) mineralizing episode has overprinted the Ni+PGE+Cu magmatic mineralizing event and has locally leached nickel from within the White River Sill and concentrating significant Ni + Au mineralization in deformation zones along the marginal gabbro - quartz-carbonate contact

2002 Exploration Diamond Drill Targets

The 2001 exploration program was successful in identifying several targets that can be classified as drill ready The coincident anomalies (i e EM conductors, IP chargeability and geochemical patterns) and geological mapping suggests there are two "embayments" that occur along the basal floor of the White

River Sill (Figure 3). These embayments or topographic depressions in the sill floor are a fundamentally important primary feature that enhanced the gravity segregation of the coexisting magmatic sulphide. The Discovery and Sax-Cessna, are described below:

1. ***The Discovery Embayment*** is defined by an area of sill thickening between grid lines 900N – 2300N where the sill is > 260 m thick (up to 350 m thick) over a strike length of about 1400 m, highlighted by the A1 EM anomaly and coincident IP resistivity-chargeability anomalies and hosts two significant areas of mineralization, the Discovery and the Onion SE showings. The Discovery showing was hand trenched mapped and sampled, exposing the marginal gabbro and footwall quartz-carbonate contact. The exposed marginal gabbro is extremely oxidized and unconsolidated assaying 0.74% Ni, 0.205% Cu, 0.025% Co and 2.42 g/t PGE. Although copper and nickel oxide mineralization was recognized, there was no evidence of disseminated or massive sulphide material. The Ni-PGE grades are extremely significant considering the oxidized nature of the marginal gabbro and the lack of visible sulphides (total sulphur assayed 0.62%). Two grab samples containing massive sulphide, collected in the area of the original trenching and blasting efforts, assayed up to 4.69% Ni, 0.79% Cu, 0.17% Co and + 6.83 g/t PGE, with a total sulphur analysis of up to 25%. Clearly there is a direct relationship between Ni-PGE grade and sulphide content suggesting that with depth (30 – 50m) the contained sulphides would be unoxidized and hence the Ni-PGE grade would increase with the increased sulphide content as the EM conductors and IP chargeability anomalies are strongly suggesting (Figure 4).

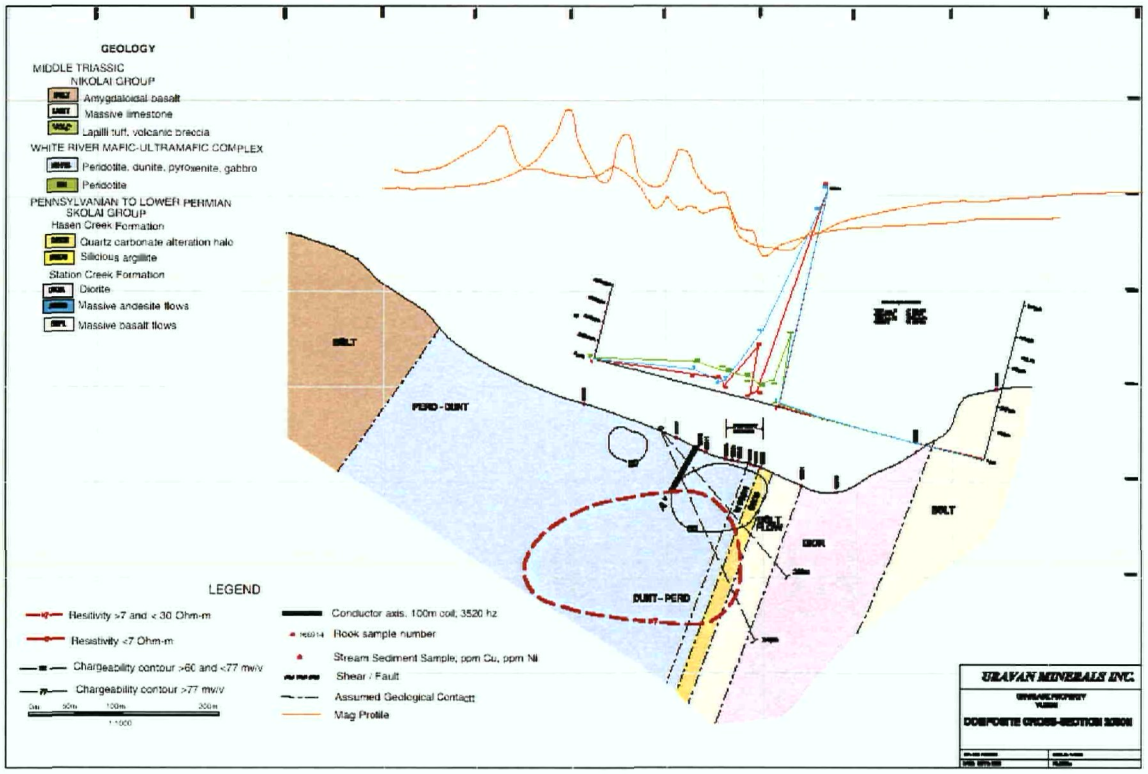


Figure 4: Canalask Property Cross Section, 2050N

The style of mineralization observed at the Onion SE showing is unique to the Canalask-Onion property and perhaps the Kluane Belt. A sample of semi massive niccolite (NiAs), collected within strongly sheared marginal gabbro in contact with quartz-carbonate, assayed 27.41% Ni, 0.18% Co, 30.6 g/t Au and low level of PGE's (i.e. 384 ppb PGE's). The host marginal gabbro

was noticeably sheared, more consolidated and depleted in sulphides as evidenced by low sulphur assays. Seven metres (7.0 m) along strike of the high grade grab sample, another strongly sheared and apparently weakly mineralized marginal gabbro sample assayed 6.96% Ni, 0.11% Co and 3.07 g/t Au. The occurrences of niccolite suggest the nickel is associated with arsenic and not sulphur, which explains the lack of PGE's (i.e. PGE's assimilate better to sulphur versus arsenic). This style of mineralization is suggestive of a hydrothermal, epigenetic origin and not part of the magmatic event that occurs at the Discovery showing. Coincidentally, the A1 EM conductor and IP chargeability-resistivity response are strongest between L1900 – 1700N over the Onion SE showing area (Figure 5). Also, in this area the EM and the IP data indicates a possible structural offset resulting in an apparent thickening in the lithology suggesting that shearing or faulting has occurred sub parallel or slightly acute to the footwall contact of the sill.

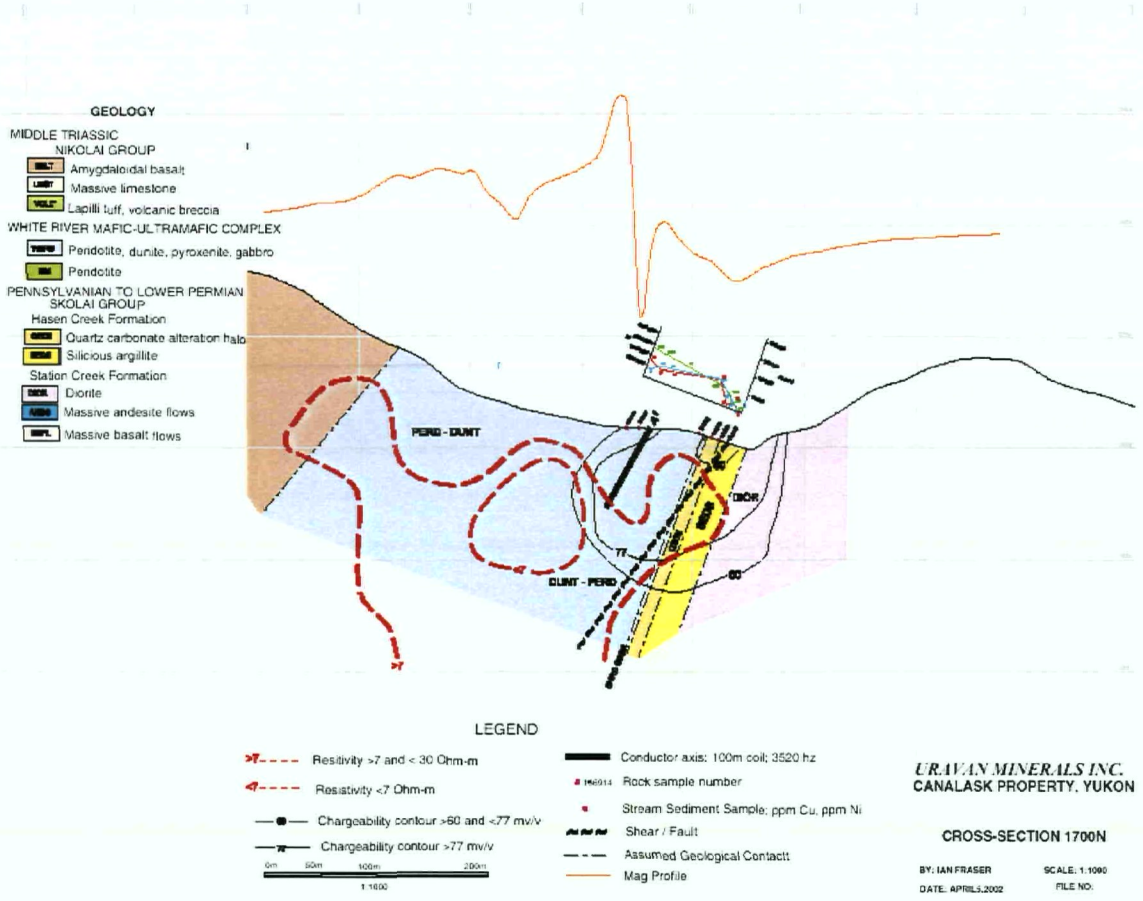


Figure 5: Canalask Property Cross Section, 1700N

2. ***The Sax – Cessna Embayment*** is defined by an area of sill thickening between grid lines 500N – 1100S where the sill is >220 m thick (up to 260 m thick) over a strike length of about 1600 m, highlight by the A2 and A3 EM conductors and coincident IP chargeability-resistivity anomalies and hosting the Sax, Cessna and Pix showings. The footwall contact of the sill in the Sax – Cessna Embayment is highly irregular, indicative of smaller localized embayments. Within the Sax – Cessna Embayment, outcrop exposures along the marginal gabbro - quartz carbonate contact is very limited and remains largely buried under scree. Due to the poor outcrop exposure at the Sax, Cessna and Pix showings, it is difficult to speculate on the potential size of the

mineralization; however, the Ni, Cu and Pt + Pd values associated with these showings and the favorable geochemistry throughout the Sax – Cessna Embayment suggests good potential exits to depth. The surface trace of A2 EM conductor parallels the footwall contact and is strongest on L175S where the footwall contact of the sill is very irregular and where elevated values of Ni and Pt + Pd were obtained from rock geochemistry. IP results, notably zones of increased chargeability and very low resistivity were also highlighted on L200S. A strong broad resistivity low, with sources generally deeper than those of the chargeability high, parallels the chargeability sources between L500S and L100S. The strongest resistivity response indicative of increased sulphides occurs on L200S and L300S. The depth to the top of the conductive feature on L200S appears to be at least 30 m and this may indicate the depth of significant oxidation in this area (Figure 6).

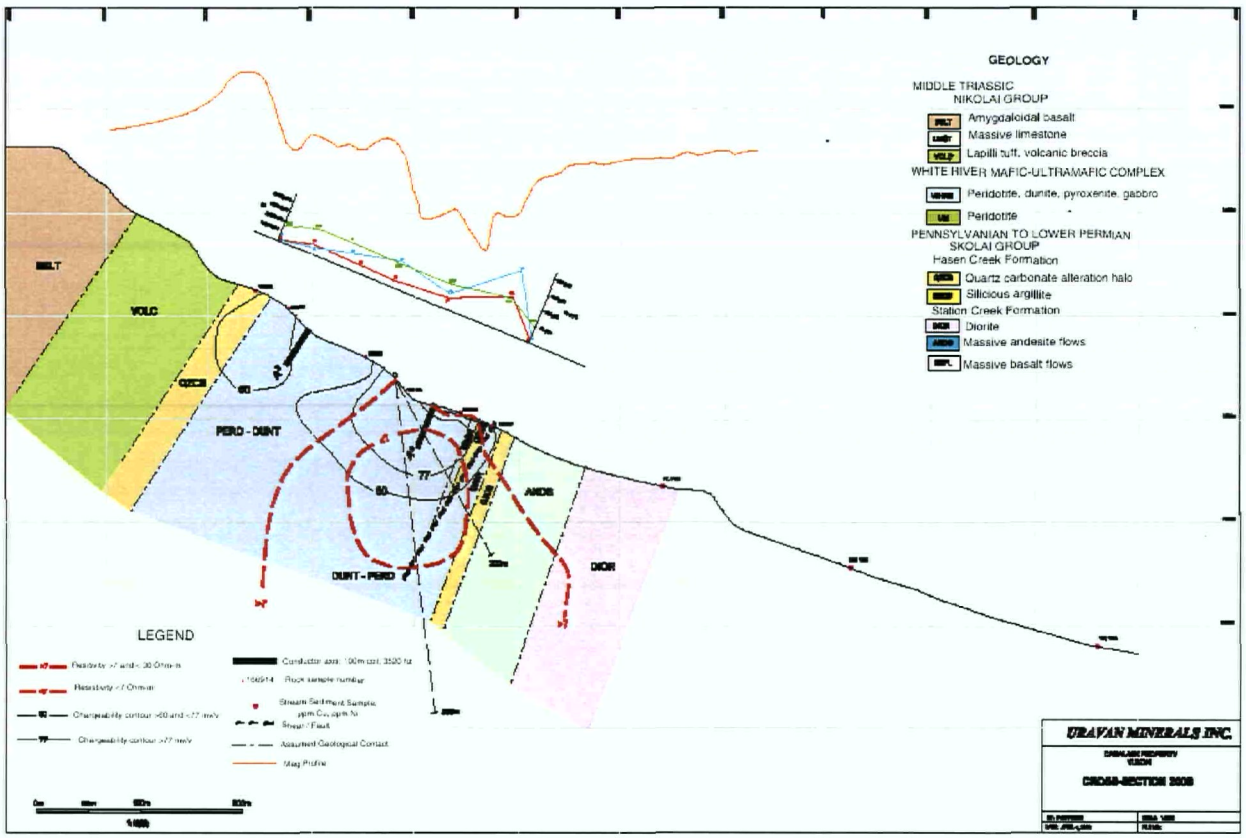


Figure 6: Canalask Property Cross Section, 200S

Disseminated to net-textured sulphides were recognized in limonite stained marginal gabbro at the Sax showing and chip sampling returned values up to 0.49% Ni, 0.149% Cu and 920 ppb PGE. The Pix showing occurs within an area of the White River Sill between L500 – 900S where rock geochemistry suggests an area of nickel and Pt + Pd enrichment (2300 – 4460 ppm Ni, >54.5 ppb Pt + Pd). Several grab and chip samples of highly oxidized marginal gabbro in contact with quartz-carbonate at the Pix showing returned values up to 0.446% Ni, 950 ppm Cu and 855 ppb Pt + Pd (sulphur assayed up to 1.87%).

The Cessna showing was discovered in 1998 based on a 4 m chip sample of highly oxidized (limonite stained) marginal gabbro that assayed 0.21% Ni, 0.18% Cu and 770 ppb Pt + Pd. The Cessna showing area defines the southeast shoulder of the Sax – Cessna Embayment at L900S –

1100S Anomalous nickel and highly anomalous Pt + Pd, up to 2470 ppm Ni, 102 ppb Pt + Pd respectively, was obtained from marginal gabbro samples along the gabbro quartz- carbonate contact grid north and south of the original Cessna showing location

A new discovery, the Cessax showing located 600 m further along strike the Sax – Cessna Embayment occurs at the marginal gabbro quartz-carbonate contact that returned sample values of 0 385% Ni, 0 056% Cu, 161 ppm Co and 934 ppb PGE's Uravan was not able to collect HLEM and geochemical data between grid lines 1100S and 1700 S, however, the rock and stream sediment geochemistry presents a favorable argument that the marginal gabbro quartz-carbonate contact south of the defined Sax – Cessna Embayment is mineralized in Ni-PGE's suggesting another target area

2002 Diamond Drill Program

The 2001 exploration work conducted by Uravan, as described above, has identified what is considered two significant exploration drill targets, specifically the Discovery – Onion SW and Sax - Cessna Embayments, which was the focus of Uravan's diamond drill program in the summer 2002

During July 2002 Uravan completed two (2) diamond drill holes on the Canalask – Onion property, Yukon Territory amounting to 495 meters (1624 ft) drilled (HQ size drill core) Due to extremely difficult drilling conditions (i e very broken and fractured subsurface UM rock conditions) resulting in unanticipated delays in completing drill holes, only two of the originally four drill holes planned were completed The two completed drill holes were designed to test certain anomalous geophysical targets (IP and HLEM geophysical anomalies as described above) with coincident surface geochemical anomalies in the Discovery – Onion and Sax – Cessna Embayments

1 ***Diamond drill hole C02-002*** was drilled to a total depth of 229 12 meter (752 ft) at -65^0 dip, 050^0 azimuth and located on line 1650N/325E (Figure 7 & 9), designed to test the Onion SW occurrence (Note C02-001 was abandoned at 85m on the same location due to bad drilling conditions) Drill hole C02-002 was collared in the upper part of the White River Intrusive Complex (WRIC) and penetrated approximately 173 m of ultramafic (UM) rocks having a very symmetrical and relatively undifferentiated lithological distribution, i e a high olivine (>65% to 75%) composition + pyroxene (>10% to 15%) with some plagioclase (~15%) Based on the consistently high olivine content these UM rocks are considered to be dunites or to have dunitic lithologies (wehrlite) however, in the enclosed drill logs (Appendix A), visually the UM lithology were separated into a "feldspathic dunite" (FDUN) in the upper section of the drill hole (0 – 61 m), which is gradational to the underlying "clinopyroxenite" (CLPX) occurring in the lower section of the drill hole (61 – 173 m) The primary lithological distinction between the upper FDUN unit and the lower CLPX unit is the upper unit visually contains 5% - 15% plagioclase and the lower unit is void of plagioclase Underlying and in sharp contact with the CLPX unit (i e at the footwall contact of the WRIC) is the "marginal gabbro" (MGBR) unit (173 – 183 m) as it was mapped in the summer 2001 program The MGBR is an intensely hydrothermally altered mafic (?) rock composed predominantly of highly altered pyroxene + plagioclase pseudomorphs and could be an extremely altered phase of the overlying CLPX In contact with and possibly gradational to the MGBR is the underlying "quartz carbonate alteration zone" (QZCB) (183 – 198 m) The protolith to the intensely hydrothermally altered emerald green fuchsite-bearing quartz + quartz veined and carbonatized QZCB (i e quartz-carbonate skarn) is presumably sediments of the Hanson Creek Formation Underlying and in fault contact with the QZCB are interbedded black shale and siltstones (SEDT) of the Hanson Creek Formation (198 – 229 m) For details see the enclosed "C02-002 Diamond Drill Log" and "Cross Section 1650N" (Figure 7) in Appendix A and Figure 9 – Onion/Sax Grid Compilation Map in Appendix F

2 ***Diamond drill hole C02-003*** was drilled to a total depth of 181 4 metres (595 ft) at -65^0 dip, 049^0 azimuth and located on line 300S/035W (Figure 8 & 9), designed to test the Sax-Cessna occurrence Like drill hole C02-002, drill hole C02-003 was collared in the upper part of the WRIC and penetrated approximately 154 m of UM rocks consisting of the FDUN in the upper section of the drill hole (0 – 53 m) that is gradational to the underlying CLPX (53 – 154 m) Underlying and in sharp contact with the CLPX is the MGBR unit (154 – 160 m) Like drill hole C02-002, the MGBR appears to have been intensely hydrothermally altered and in this case the thickness of the units has been significantly reduced (i e structurally thinned) in comparison to surface exposures along this drill section and in this area Underlying and in fault contact with the MGBR is the QZCB (160 – 166 m) and again, the QZCB displays intense hydrothermal alteration characteristics (fuchsite-bearing carbonatized quartzite skarn) Underlying and in sharp contact with the QZCB is an Andesite Porphyry (ANDS) (166 – 181 4 m), presumably representing the upper part of the Station Creek Formation of Lower Permian Age Although the ANDS was mapped and described in the literature as a volcanic unit, it appears to be more intrusive in origin based on its texture and lithology The ANDS, as intersected in drill hole C02-003, consists of a very fine grained granular quartz ground mass with medium-coarse euhedral to subhedral phenocrysts of plagioclase + hornblende + biotite, with the plagioclase phenocrysts becoming more altered and replaced by epidote + chlorite with depth For details see the enclosed "C02-003 Diamond Drill Log" and "Cross Section 300S" (Figure 8) in Appendix A and Figure 9 – Onion/Sax Grid Compilation Map in Appendix F

3 ***Structure:*** Structurally, the entire section and particularly the UM sections penetrated in drill holes C02-002 and C02-003, were extremely crushed, sheared and stress fractured, having broad areas where most of the existing rock matrix was completely destroyed to black to dark brown clay + serpentine + chlorite + talc (hence the difficult drilling conditions) Both drill holes penetrated numerous definitive faults but the majority of the deformation can only be described as broad "crushed zones" containing inclusions of lesser-fractured or crushed UM rocks fragments The majority of the faults or shear zones appeared to have a very low angle of dip, generally in the down-slop direction of the local topography (and in the same direction as the drill hole dip) Many of the faults and crushed sections were filled with later diorite dikes (DD) swarms displaying very distinct chill margins In drill hole C02-003 a large fault zone (crushed zone) was intersected at 92 5 metres, displaying what appears to be a flat dip at about 40^0 NE (again in the down slope direction of the local topography) This structure appears to be a fairly major fault or 'slump block' feature across the area, striking NW - SE parallel to the strike of the WRIC and extending the length of Miles Ridge In this particular drill section a clear offset can be measured between the QZCB mapped at surface and the QZCB intersected in drill hole C02-003, having apparent normal movement with an apparent 10 m off-set (i e the WRIC seems to be slowly slipping down slop Miles Ridge towards the valley in an north easterly direction) None of the gross stress fracturing, crushing and faulting observed in drill core appears to have controlled the local alteration or mineralizing events and is definitely younger in age

4 ***Alteration and mineralization*** The UM-MGBR-QZCB-ANDS lithologies intersected in both drill holes display two distinct alteration and mineralization phases hydrothermal alteration at the footwall contact of the WRIC and widespread and complete serpentinization of the UM rocks within the WRIC itself

- The UM rocks (i e FDUN and CLPX) have sustained complete serpentinization of olivine, however, in spite of this serpentinization, the primary texture of this lithology has been superbly preserved As a product of the serpentinization process, secondary magnetite is evenly distributed thought out the UM section occurring as very fine-grained disseminations but mostly as abundant net-textured bands and filaments that accent the boundaries between the olivine pseudomorphs Magnetite and titanomagnetite (?) appears

to be more concentrated in the mid to lower part of the CLPX unit occurring as a very heavy net-texture (almost semi-massive in C02-003) and banded magnetite and titanomagnetite concentration, which is now felt to be the source of the favourable IP chargeability response (Figure 7 & 8) Disseminated chromite is present as inclusions in and interstitial to olivine gains and is most abundant (5% - 8%) in the FDUN section In most cases hydration of the olivine was accompanied by complete argillitization/sericitization of the feldspar occurring in the FDUN and the occurrence of moderate amounts of hydrous hornblende and phlogopite through out both UM lithologies Sparse amounts of very fine-grained disseminated sulphide mineralization (pyrrhotite) occur along olivine grain boundaries associated with net-textured magnetite

- The epigenetic hydrothermal alteration event as represented by the QZCB is visually the most prolific alteration feature that stands out topographically in the Miles Ridge area and is certainly not any less prolific in the subsurface sections penetrated by both drill holes The QZCB (fuchsite-bearing carbonatized quartzite skarn), the protolith being a thin section of interbedded black shale, siltstone and limestone of the Hanson Creek Formation, is sandwiched between the UM rocks of the WRIC above and the ANDS below and is clearly the "epicentre" of the hydrothermal alteration event As discussed above, although the ANDS has been mapped and described in the literature as a volcanic unit, it appears to be more intrusive in origin based on its texture and lithology (as observed in drill core) and therefore could possibly equate with the Cretaceous dioritic to granodioritic Kluane Range Intrusions and not volcanic rocks of the upper part of the Station Creek Formation as reported in the literature If this were the case a clear regional association with the Cretaceous Kluane Range dioritic to granodioritic intrusive suite and the epigenetic hydrothermal alteration event would be established and would more clearly explain the intensity of this alteration event well into the footwall of the WRIC As observed in drill core, mineralization associated with the QZCB is predominantly pyrite in sparse to moderate amounts (< 5%) occurring as fine-grained stringers and clusters

- Both drill holes were sampled from top to bottom on one metre intervals, however, only the most favourable looking intervals were assayed for nickel, copper, cobalt, platinum, palladium and gold Assay results from these sampled intervals indicate no economic mineralization was intersected in either drill hole, however, very broad intervals encounter highly anomalous concentrations of nickel + platinum group element within the middle and lower portion of the CLPX and anomalous gold + copper mineralization were encountered in the footwall QZCB alteration zone and underlying sedimentary and volcanic rocks The intersections of Ni + PGE mineralization hosted in CLPX (clinopyroxenite) occurred in areas of heavy net textured and disseminated magnetite + titanomagnetite + ferro-chromite + sulphide (?) mineralization Mineralized intersections returned the following average results 1100 to 3100 ppm Ni and 90 to 634 ppb Pt+Pd over greater than 20 meter widths in both drill holes Based on historic exploration data, the UM rocks are known to contain high concentrations of the rare platinum metal group mineralization, specifically Os, Ir, Ru, Rh Therefore, additional full PGE assays were completed on selected intervals to determine the potential of these rare but economically significant platinum group elements The assay results of these full PGE assays were not economically significant All assay results can be review in Tables 2, 3 and 4 in the Appendix B of this report including assay certificates in Appendix C and D

Conclusions

Both drill holes (C02-002 and C02-003) successfully tested the surface geochemical and geophysical targets identified in the 2001 program, specifically the Discovery – Onion SW and Sax - Cessna Embayments The source of the geophysical anomalies, specifically the high IP chargeability/resistivity anomalies, is clearly the result of high concentrations of magnetite and titanomagnetite occurring in the CLPX These high concentrations of magnetite and titanomagnetite are felt to be the results of the combined serpentinization and epigenetic hydrothermal alteration events that have occurred in the sulfur poor environment of the WRIC Based on field observations, the writer feels the first phase secondary magnetite concentrations resulted from the hydration of the cumulus olivine that sustained complete serpentinization, additional second phase magnetite and titanomagnetite concentrations appear to be the result of hydrothermal event (contact metamorphism) sustaining further oxidation to the sulfur poor WRIC system and the accumulation of greater amounts of magnetite and the addition of titanomagnetite near the center of the WRIC Based on these observations, the hydrothermal event would explain the extremely high magnetite and titanomagnetite concentrations occurring well above the footwall of the WRIC, which is graphically represented by the very robust IP chargeability/resistivity profiles as illustrated in the figures shown above

As discussed above, no economic intersections of Ni-Cu-PGE mineralization was encountered in the WRIC or Ni-Au mineralization in the MGBR or QZCB alteration zone in either drill hole Although the PGE values are geochemically anomalous and interesting the nickel values were not geochemically significant given the amount of nickel that naturally occurs in olivine rich UM rocks, as is the case with the WRIC The high-grade Ni-Au and Ni-PGE samples recovered from the 2001 surface mapping and sampling program were not duplicated in the either drill hole and therefore appear to be the result of local concentrations at the MGBR/QZCB contact as a direct result of the contact metamorphic hydrothermal event presumable due to the emplacement to the Cretaceous Kluane Range dioritic to granodioritic intrusive event

Recommendations

In this writer's opinion, the lack of any economic intersections in drill holes C02-002 and C02-003, which sufficiently tested two of the most prospective targets as defined by the cumulative database outline above, significantly reduces the potential for finding large magmatic-hosted Ni-Cu-PGE sulphide deposits along the footwall of the WRIC in the Miles Ridge area This writer's recommendation would be to reassess the cumulative database in light of the results this drilling and focus on the geochemistry of this complex hydrothermally altered and structurally deformed contact (i e UM-MGBR-QZCB-ANDS) to determine where the next level of exploration effort should be applied and what the model may look like

Respectfully Submitted

Larry Lahusen, B Sc Geology

APPENDIX A

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) +sericite (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 sericite + 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 + sericite + 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 sericite + 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 + sericite + 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 sericite + 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 + sericite +

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Hole C02-002

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

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
									phlogopite + iron oxide alteration
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	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 shinny 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%	Clinopyroxenite (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

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Total Depth 229 12 metres
Date Completed 07/24/02

Hole C02-002

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

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 50^0 - 55^0 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 45^0 - 70^0 - 80^0, 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) gadational 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

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FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
								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	
105 0	115 40	10 4	Fault	Dk-gry-blk					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-grn	F	Ol>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

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Total Depth 229 12 metres
Date Completed 07/24/02

Hole C02-002

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

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 5	15 9	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 + sericite
138 5	161 87	23 37	Shear zone						Highly crushed, sheared and brecciated zone consisting of clay + serpentine veins and fracture filing 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, UM 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/MGBR contact area, alteration consisting of clay + chlorite or sericite, 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

Hole C02-002

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

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
									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 uralite or fuchsite possible Ni (?) bloom at the contacts
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), sulphides occurring along Qtz/calcite/serp stringer and veinlets	Marginal Gabbro (MGBR) - Highly altered MGBR consisting of sericite + chlorite + clay + phlogopite + iron oxide + calcite Variable calcite veining, qtz + serpentine (?), grain boundaries destroyed, with fine to medium plagioclase, becomes more altered and brecciated toward the QZCB contact consisting of relic inclusions of MGBR or FDUN bound by serpentine + qtz + chlorite +calcite
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 uralite, 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 uralite grains occurring parallel along shear fabric,
197 20	206 0	8 80	SED	Dk-gry – blk w/ white streaks	VF	Black shale/silt-stone 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

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Project Canalask/Onion

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Hole C02-002

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

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
								fractured to ~203m, 203 20 – 204 40 30% - 40% coarse and finely disseminated sulphide (Py+Cp?), decreases 205 – 206 to ~5% coarse clusters and finely disseminated sulphide and at >206m sulphides drop to variably trace to 2%, locally ~5%	
206 0	229 12	23 12	SED (sedi-ments)	Dk-gry – blk w/ white streaks	VF	Black shale/silt-stone w/ calcite stringer		Trace – 1% coarse/finely disseminated Py	
TD 229 12 M									

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							6
123294	69	70	1	CLPX							
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

Location 035W/300S AZM 049^0 Dip -65^0

Logged By Larry Lahusen

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)(?) (M rims 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 hallows (ferrochromite?)	Feldspathic Dunite (FDUN) – olivine (Ol) + plagioclase (Plag) rich FDUN with clinopyroxene (Pyx)(possible feldspathic dunite of Miller), abdnt 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 40^0 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 bondaries, variable 5-8%, locally 15%, trace to 1% very fine-grained	Clinopyroxenite (CLPX) – Olivine rich UM with interstitial moderate clinopyroxene and trace plagioclase (Olivine-Clinopyroxene of Miller) consisting of abndt densely packed Ol grains w/ medium 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

Location 035W/300S AZM 049^0 Dip -65^0

Logged By Larry Lahusen

Hole No C02-003

Date Completed 08/04/02

Total Depth 181 4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
								sulph(S)(?)/chromite clusters	
64 0	72 65	8 65	CLPX	Dk-olive-gry-grn	F-M	OL>70% PYX>10%	Abndt M + Ser +Clay	M + sulph(S)(?) + chromite increase and become more net textured w/ M + chromite (?) more linerar or cumulous (?) along grain boundaries and cutting across Ol grain boundaries, consists of variable 10 – 15% and locally 20 –25%, ~2% very fine grained sulph(S)(?) clusters interstitial to M and interface with Ol grain boundaries	Same as above CLPX, serpentine (Ser) alteration becomes more well developed, moderately to completely replacing Ol grains, increase in sericite (Sr) + phlogopite (Ph) and highly magnetic, very crushed and stress fractured
72 65	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 sericite (Sr) + phlogopite (Ph) and highly magnetic, very crushed and stress fractured section

DIAMOND DRILL LOG

Project Canalask-Onion

Location 035W/300S AZM 049^0 Dip -65^0

Logged By Larry Lahusen

Hole No C02-003

Date Completed 08/04/02

Total Depth 181 4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
								variable 15 – 20% and locally 25 –35%, ~2% visible very fine grained sulph(S)(?) clusters interstitial to M and interface with Ol grain boundaries	
77 80	78 40	60	Fault						Shear stress fabric at 40^0 to CA, beginning of major shear zone
83 0	134 30	51 30	CLPX	Dk-gry-olive-grn	F	Ol>65% Pyx>15%		M+sulph(S)(?) net texture (as described above), variable15% - 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)	Clinopyroxenite (CLPX) – 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 grn to Blk					Shear zone becomes more intense, stress fabric at 40^0 to 60^0 to CA, UM textures completely crushed and sheared and being replaced by clay+Ser+Sr+Ph+ talc, occasional less deformed CLPX consisting of completely serpentinized 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 serpentinized olivine with Pyx, abndt alteration of clay + Ser+ Sr + Ph + M

DIAMOND DRILL LOG

Project Canalask-Onion

Location 035W/300S AZM 049^0 Dip -65^0

Logged By Larry Lahusen

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, variable25% - 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/ abdnt 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

Location 035W/300S AZM 049^0 Dip -65^0

Logged By Larry Lahusen

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 grn	F	Plag >15% Pyx > 15%	Abndt Sr +uralite+ 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	Marginal Gabbro (MGBR) - 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 uralite (?) + 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 + chalcedony (Quartzite)	uralite + fuchsite, abndt sec-quartz	Coarse & fine stringer sulph(S) filling fractures and veinlets and finely dissm Variable 3 – 5%, locally 10%	Quartz Carbonate alteration zone (QZCB) - consists of all Quartz + chalcedony + uralite (?), no calcite, contact w/ MGBR at 20^0 to CA very disrupted, brecciated and sheared
161 20	161 25	05	Fault						Well silicified/ brecciated fault at 60^0 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, 40^0 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	Andesite porphyry (ANDS) – 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

DIAMOND DRILL LOG

Project Canalask-Onion

Location 035W/300S AZM 049^0 Dip -65^0

Logged By Larry Lahusen

Hole No C02-003

Date Completed 08/04/02

Total Depth 181 4 m

FROM	TO	THK	UNIT	COLOR	TEXT	COMP	ALT	MIN	DESCRIPTION
						biotite (Bt)	veinlets, epidote + chlorite	or Hb grains, Py + Cp (?), variable 3 – 5%, locally 8%	
166 35	168 70	2 35	ANDS Dike	M-grn	VF	Plag/qtz/Hb ground mass	Calcite/ qtz veinlets	2%-5% very fine clusters diss sulph(S)	Andesite Dike – very fine grain massive texture w/ moderate qtz veinlets cutting at 25^0-35^0 to CA
166 90	167 50	60	Fault						Crushed/ brecciated zone w/ qtz veining
171 70	173 90	2 20	ANDS Dike	M-grn	VF	Plag/qtz/Hb ground mass	Calcite/ qtz veinlets	2%-5% very fine clusters diss sulph(S)	Andesite Dike – very fine grain massive texture w/ moderate qtz veinlets cutting at 25^0-35^0 to CA
172 60	172 80	20	Fault						Crushed / brecciated zone, no CA
Total Depth	181 40								

ASSAY SAMPLE LOG

HOLE NO C02-003

PROJECT Canalask-Onion

Assay Tag No	From	To	Core Length	Unit	Mln	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Nl (%)	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	Mln	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Nl (%)	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	NetMln	4	41	44	-0 001	0 263	0 012	
123563	136	137	1	CLPX	NetMln	2	17	34	0 003	0 280	0 014	
123564	137	138	1	CLPX	NetMln	-2	19	17	-0 001	0 260	0 011	
123565	138	139	1	CLPX	NetMln	4	6	26	-0 001	0 240	0 012	
123566	139	140	1	CLPX	NetMln	4	20	51	-0 001	0 213	0 010	
123567	140	141	1	CLPX	NetMln	4	48	89	0 001	0 255	0 014	14
123568	141	142	1	CLPX	NetMln	6	30	55	0 003	0 248	0 013	
123569	142	143	1	CLPX	**HvyMln**	10	19	49	-0 001	0 236	0 013	15
123570	143	144	1	CLPX	**HvyMln**	14	31	126	0 002	0 199	0 011	
123571	144	145	1	CLPX	**HvyMln**	11	44	98	0 004	0 241	0 012	16
123572	145	146	1	CLPX	**HvyMln**	7	61	136	0 019	0 283	0 013	
123573	146	147	1	CLPX	**HvyMln**	13	45	102	0 014	0 282	0 014	
123574	147	148	1	CLPX	**HvyMln**	19	97	212	0 030	0 317	0 014	
123575	148	149	1	CLPX	NetMln	6	48	78	0 007	0 256	0 013	
123576	149	150	1	CLPX	NetMln	8	42	61	0 002	0 259	0 014	
123577	150	151	1	CLPX	NetMln	6	32	31	0 001	0 259	0 012	
123578	151	152	1	CLPX	NetMln	2	46	71	0 010	0 245	0 013	
123579	152	153	1	CLPX	NetMln	6	35	55	0 007	0 266	0 015	
123580	153	154	1	CLPX	**HvyMln**	15	50	78	0 020	0 292	0 016	
123581	154	155	1	MGBR	**HvyMln**	10	54	92	0 012	0 187	0 012	17
123582	155	156	1	MGBR	**HvyMln**	11	92	260	0 041	0 241	0 012	
123583	156	157	1	MGBR	StrgMln	15	16	86	0 043	0 143	0 009	
123584	157	158	1	MGBR	StrgMln	8	28	50	0 023	0 128	0 009	
123585	158	159	1	MGBR	StrgMln	-2	63	78	0 024	0 148	0 009	
123586	159	160	1	MGBR	StrgMln	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	

000E 100E 200E 300E 400E 500E 600E 700E 800E

1500m
1400m
1300m
1200m
1100m

Mag Profile

Ni, Pt & Pd Surface Rock Geochem Profile

4000 ppm
3000 ppm
2000 ppm
1000 ppm
0 ppm
Ni
Pt
Pd
200 ppb
150 ppb
100 ppb
50 ppb
0 ppb
Pt & Pd

BSLT

PERD - DUNT

CO2-002

169918 169914 169917 123020 123019 169916 123018

FDUN CLPX DD CLPX DD MGBR (No M or S) QZCB SEDS QZCB/ SEDS SKARN ANDS

5% - 10% M + Cr

5% - 8% M + Cr

>5% net texture M + Cr

10% - 15% net texture M w/ Cr

A1

60 77 60

TD 229.12m

<7 >7 >7

0m 50m 100m 200m

GEOLOGY

MIDDLE TRIASSIC
NIKOLAI GROUP
- BSLT Amygdaloidal basalt
- LMST Massive limestone
- VOLC Lapilli tuff, volcanic breccia

WHITE RIVER MAFIC-ULTRAMAFIC COMPLEX
- FDUN Feldspathic dunite
- MGBR Marginized gabbro
- CLPX Clino-pyroxenite

PENNSYLVANIAN TO LOWER PERMIAN
SKOLAI GROUP
Hasen Creek Formation
- QZCB Quartz carbonate alteration zone
- SEDS Black shale / siltstone

Station Creek Formation
- DIOR Diorite Dikes (DD)
- ANDS Andesite porphyry
- BSFL Massive basalt flows

M Magnetite (titanomagnetite) Cr Chromite

LEGEND
- >7 Resitivity >7 and <30 Ohm - m
- <7 Resitivity <7 Ohm - m
- 60 Chargeability contour >60 and <77 mv/v
- 77 Chargeability contour >77 mv/v
- Conductor Axis: 100m coil, 3620 hz
- 169914 Rock Sample number
- Stream Sediment Sample; ppm Cu, ppm Ni
- Shear / Fault
- Assumed Geological Contact
- Mag Profile

URAVAN MINERALS INC.

CANALASK PROPERTY
YUKON

CROSS-SECTION 1650N

FIGURE: 7

BY: IAN FRASER	SCALE: 1:2000
DATE: January 22, 2003	FILE NO.:

400W 300W 200W 100W 000E 100E 200E 300E 400E

Mag Profile

Pt, Pd
5000 ppm
4000 ppm
3000 ppm
2000 ppm
1000 ppm
0 ppm

Ni, Pt & Pd Surface Rock Geochem Profile

300 ppb
200 ppb
Pt, Pd
100 ppb
0 ppb

1500m
1400m
1300m
1200m

BSLT
QZCB
CO2-003
60
FDUN
CLPX
Shear Zone
Cr = 5% - 8%
M= 5% - 15%
5-10% M + Cr + S
15% - 25% Net texture M + Cr w/S
~50% M + Cr w/S
77
60
5% py
TD 181.4m
CLPX
MGBR
QZCB
ANDS
DIOR
>7
<7
>7

0m 50m 100m 200m

GEOLOGY

MIDDLE TRIASSIC
NIKOLAI GROUP
- BSLT — Amygdaloidal basalt
- LMST — Massive limestone
- VOLC — Lapilli tuff, volcanic breccia

WHITE RIVER MAFIC-ULTRAMAFIC COMPLEX
- FDUN — Feldspathic dunite
- MGBR — Marginized gabbro
- CLPX — Clino-pyroxenite

PENNSYLVANIAN TO LOWER PERMIAN
SKOLAI GROUP
Hasen Creek Formation
- QZCB — Quartz carbonate alteration zone
- SEDS — Siliceous argillite

Station Creek Formation
- DIOR — Diorite
- ANDS — Andesite porphyry
- BSFL — Massive basalt flows

M	Magnetite (titanomagnetite)	S	Sulphides
Cr	Chromite	py	Pyrite

LEGEND

- >7 — Resitivity >7 and <30 Ohm - m
- <7 — Resitivity <7 Ohm - m
- 60 — Chargeability contour >60 and <77 mv/v
- 77 — Chargeability contour >77 mv/v
- Conductor Axis: 100m coil, 3520 hz
- x 123061 — Rock Sample number
- Stream Sediment Sample; ppm Cu, ppm Ni
- Shear / Fault
- Assumed Geological Contact
- Mag Profile

URAVAN MINERALS INC.

CANALASK PROPERTY
YUKON

CROSS-SECTION 300S

FIGURE: 8

BY: IAN FRASER	SCALE:
DATE: Jan 22, 2003	FILE NO.:

APPENDIX B

TABLE 2
ASSAY SAMPLE LOG

HOLE NO C02-002 PROJECT Canalask-Onion

Assay Tag No	From	To	Unit	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)
123262		38	FDUN	-2	107	91	0 005	0 245	0 013
123263	38	39	FDUN	-2	40	43	0 003	0 240	0 013
123264	39	40	FDUN	5	23	19	0 004	0 244	0 014
123265	40	41	FDUN	-2	40	27	-0 001	0 242	0 013
123266	41	42	FDUN	-2	51	17	0 009	0 241	0 013
123267	42	43	FDUN	4	28	16	0 004	0 231	0 012
123268	43	44	FDUN	-2	17	26	0 003	0 242	0 013
123269	44	45	FDUN	3	19	64	0 005	0 240	0 014
123270	45	46	FDUN	4	38	242	0 002	0 239	0 013
123271	46	47	FDUN	3	28	205	-0 001	0 245	0 013
123272	47	48	FDUN	3	98	60	-0 001	0 230	0 013
123273	48	49	FDUN	-2	108	4	-0 001	0 239	0 013
123274	49	50	FDUN	3	126	5	-0 001	0 252	0 013
123275	50	51	FDUN	5	114	-4	0 001	0 243	0 013
123276	51	52	FDUN	-2	55	-4	-0 001	0 250	0 014
123277	52	53	FDUN	2	84	-4	-0 001	0 241	0 014
123278	53	54	FDUN	4	122	7	-0 001	0 243	0 013
123279	54	55	FDUN	4	120	-4	-0 001	0 237	0 013
123280	55	56	FDUN	37	137	6	-0 001	0 242	0 014
123312		87	CLPX	6	37	39	0 004	0 248	0 014
123313	87	88	CLPX	7	60	66	0 003	0 259	0 015
123314	88	89	CLPX	4	34	50	0 005	0 251	0 014
123315	89	90	CLPX	17	81	133	0 014	0 309	0 016
123316	90	91	CLPX	12	41	59	0 007	0 271	0 014
123317	91	92	CLPX	3	47	50	0 004	0 256	0 014
123318	92	93	CLPX	2	29	26	0 001	0 254	0 014
123319	93	94	CLPX	4	35	24	0 003	0 255	0 015
123320	94	95	CLPX	5	23	7	0 002	0 245	0 014
123321	95	96	CLPX	-2	41	14	0 001	0 248	0 014
123322	96	97	CLPX	-2	64	79	0 003	0 257	0 014
123323	97	98	CLPX	2	69	43	0 017	0 249	0 015
123324	98	99	CLPX	2	30	32	0 004	0 243	0 015
123325	99	100	CLPX	6	57	38	0 002	0 242	0 015
123326	100	101	CLPX	3	20	9	0 001	0 252	0 013
123327	101	102	CLPX	-2	58	47	0 003	0 258	0 014
123328	102	103	CLPX	-2	13	-4	0 004	0 244	0 013
123329	103	104	CLPX	-2	32	23	0 004	0 253	0 014
123330	104	105	CLPX	2	47	56	0 005	0 254	0 014
123331	105	106	CLPX	10	60	51	0 005	0 249	0 014
123332	106	107	CLPX	10	74	117	0 002	0 223	0 013
123333	107	108	CLPX	2	110	247	-0 001	0 207	0 012
123334	108	109	CLPX	3	-5	10	-0 001	0 021	0 004
123335	109	110	CLPX	8	139	495	-0 001	0 234	0 013
123336	110	111	CLPX	-2	74	197	-0 001	0 248	0 013
123337	111	112	CLPX	12	71	459	-0 001	0 199	0 011
123338	112	113	CLPX	4	19	40	-0 001	0 220	0 013
123339	113	114	CLPX	4	25	39	-0 001	0 239	0 015
123340	114	115	CLPX	3	20	62	-0 001	0 215	0 013
123341	115	116	CLPX	4	20	42	-0 001	0 211	0 014
123342	116	117	CLPX	2	35	63	-0 001	0 226	0 014

TABLE 2
ASSAY SAMPLE LOG

HOLE NO C02-002 PROJECT Canalask-Onion

Assay Tag No	From	To	Unit	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)
123343	117	118	CLPX	4	20	45	-0 001	0 218	0 013
123344	118	119	CLPX	3	30	70	-0 001	0 218	0 013
123345	119	120	CLPX	-2	53	30	-0 001	0 220	0 013
123346	120	121	CLPX	2	45	18	-0 001	0 223	0 013
123347	121	122	CLPX	-2	69	28	-0 001	0 227	0 013
123348	122	123	CLPX	-2	56	24	-0 001	0 229	0 013
123349	123	124	CLPX	3	94	26	-0 001	0 221	0 013
123350	124	125	CLPX	6	74	22	-0 001	0 225	0 013
123351	125	126	CLPX	3	62	22	-0 001	0 230	0 014
123352	126	127	CLPX	-2	48	14	-0 001	0 235	0 013
123393		168	MGBR	3	18	31	-0 001	0 217	0 012
123394	168	169	MGBR	7	27	48	0 004	0 224	0 011
123395	169	170	MGBR	5	22	34	-0 001	0 224	0 011
123396	170	171	MGBR	3	35	53	-0 001	0 205	0 010
123397	171	172	MGBR	11	15	130	0 004	0 885	0 025
123398	172	172 85	MGBR	5	24	31	0 002	0 151	0 007
123399	172 85	173 27	MGBR	6	52	96	0 003	0 188	-0 003
123409		183	MGBR	4	17	23	-0 001	0 172	-0 003
123410	183	183 2	MGBR	4	10	12	0 005	0 171	-0 003
123411	183 2	184	QZCB	6	15	16	0 004	0 123	-0 003
123412	184	185	QZCB	10	-5	7	0 052	0 007	-0 003
123413	185	186	QZCB	-2	-5	-4	0 016	-0 003	-0 003
123414	186	187	QZCB	3	-5	-4	0 015	-0 003	-0 003
123415	187	188	QZCB	3	-5	6	0 004	-0 003	-0 003
123416	188	189	QZCB	3	-5	-4	0 009	-0 003	-0 003
123417	189	190	QZCB	5	-5	-4	0 019	-0 003	-0 003
123418	190	191	QZCB	3	-5	-4	0 005	-0 003	-0 003
123419	191	192	QZCB	2	-5	-4	0 004	-0 003	-0 003
123420	192	193	QZCB	6	5	4	0 056	0 014	-0 003
123421	193	194	QZCB	3	-5	-4	0 042	0 013	-0 003
123422	194	195	QZCB	-2	-5	10	0 009	0 021	-0 003
123423	195	196	QZCB	7	5	-4	0 264	0 007	-0 003
123424	196	197	QZCB	3	11	13	0 009	0 015	-0 003
123425	197	198	SED	5	5	8	0 009	0 007	-0 003
123426	198	199	SED	8	-5	-4	0 004	-0 003	-0 003
123427	199	200	SED	9	6	5	0 005	0 003	-0 003
123428	200	201	SED	18	-5	-4	0 005	0 004	-0 003
123429	201	202	SED	10	-5	4	0 002	0 003	-0 003
123430	202	203	SED	4	-5	5	0 012	0 007	-0 003
123431	203	204	SED	6	-5	-4	0 004	0 005	-0 003
123432	204	205	SED	11	-5	-4	0 004	0 005	-0 003

TABLE 3
ASSAY SAMPLE LOG

HOLE NO C02-003

PROJECT Canalask-Onion

Assay Tag No	From	To	Unit	Au (ppb)	Pt (ppb)	Pd (ppb)	Cu (%)	Ni (%)	Co (%)
123560	133	134	CLPX	10	38	15	0 001	0 265	0 013
123561	134	135	CLPX	-2	13	16	-0 001	0 113	0 007
123562	135	136	CLPX	4	41	44	-0 001	0 263	0 012
123563	136	137	CLPX	2	17	34	0 003	0 280	0 014
123564	137	138	CLPX	-2	19	17	-0 001	0 260	0 011
123565	138	139	CLPX	4	6	26	-0 001	0 240	0 012
123566	139	140	CLPX	4	20	51	-0 001	0 213	0 010
123567	140	141	CLPX	4	48	89	0 001	0 255	0 014
123568	141	142	CLPX	6	30	55	0 003	0 248	0 013
123569	142	143	CLPX	10	19	49	-0 001	0 236	0 013
123570	143	144	CLPX	14	31	126	0 002	0 199	0 011
123571	144	145	CLPX	11	44	98	0 004	0 241	0 012
123572	145	146	CLPX	7	61	136	0 019	0 283	0 013
123573	146	147	CLPX	13	45	102	0 014	0 282	0 014
123574	147	148	CLPX	19	97	212	0 030	0 317	0 014
123575	148	149	CLPX	6	48	78	0 007	0 256	0 013
123576	149	150	CLPX	8	42	61	0 002	0 259	0 014
123577	150	151	CLPX	6	32	31	0 001	0 259	0 012
123578	151	152	CLPX	2	46	71	0 010	0 245	0 013
123579	152	153	CLPX	6	35	55	0 007	0 266	0 015
123580	153	154	CLPX	15	50	78	0 020	0 292	0 016
123581	154	155	MGBR	10	54	92	0 012	0 187	0 012
123582	155	156	MGBR	11	92	260	0 041	0 241	0 012
123583	156	157	MGBR	15	16	86	0 043	0 143	0 009
123584	157	158	MGBR	8	28	50	0 023	0 128	0 009
123585	158	159	MGBR	-2	63	78	0 024	0 148	0 009
123586	159	160	MGBR	19	71	250	0 091	0 198	0 010
123587	160	161	MGBR	21	44	117	0 069	0 088	0 005
123588	161	162	QZCB	11	-5	-4	0 016	-0 003	-0 003
123589	162	163	QZCB	8	-5	-4	0 006	0 004	-0 003
123590	163	164	QZCB	16	-5	5	0 054	0 003	-0 003
123591	164	165	QZCB	15	-5	5	0 011	-0 003	-0 003
123592	165	166	QZCB	17	-5	7	0 024	0 004	-0 003
123593	166	167	ANDS	6	-5	-4	0 020	-0 003	-0 003
123594	167	168	ANDS	10	-5	-4	0 028	-0 003	0 004
123595	168	169	ANDS	11	8	-4	0 031	-0 003	0 004
123596	169	170	ANDS	60	-5	-4	0 173	-0 003	-0 003
123597	170	171	ANDS	36	5	7	0 134	-0 003	-0 003
123598	171	172	ANDS	11	5	4	0 050	0 013	-0 003
123599	172	173	ANDS	9	5	7	-0 001	0 041	0 005
123600	173	174	ANDS	6	-5	-4	0 004	0 027	0 004
123601	174	175	ANDS	8	6	11	0 026	-0 003	-0 003
123602	175	176	ANDS	217	5	-4	0 040	-0 003	-0 003
123603	176	177	ANDS	7	-5	-4	0 005	-0 003	-0 003
123604	177	178	ANDS	11	-5	-4	0 061	-0 003	-0 003
123605	178	179	ANDS	12	-5	-4	0 019	-0 003	-0 003
123606	179	180	ANDS	4	-5	-4	0 027	-0 003	-0 003
123607	180	181 36	ANDS	17	-5	-4	0 013	-0 003	-0 003

TABLE 4
ASSAY SAMPLE LOG

HOLE NO C02-002 C02-003 PROJECT Canalask-Onion

Hole No	Assay Tag No	From	To	Unit	Os (ppb)	IR (ppb)	Ru (ppb)	Rh (ppb)	Pt (ppb)	Pd (ppb	Au (ppb)	Total PGE +AU (ppb)
C02-002	123333	107	108	CLPX	26 00	15 00	57 00	11 20	116 00	236 00	3 90	465 10
C02-002	123334	108	109	CLPX	2 00	0 10	5 00	0 20	5 00	2 00	3 90	18 20
C02-002	123335	109	110	CLPX	28 00	15 00	47 00	12 50	212 00	481 00	5 50	801 00
C02-002	123336	110	111	CLPX	29 00	9 80	30 00	5 20	85 00	205 00	3 30	367 30
C02-002	123337	111	112	CLPX	20 00	8 60	23 00	6 60	137 00	630 00	36 00	861 20
C02-003	123570	143	144	CLPX	13 00	6 70	34 00	4 60	49 00	220 00	2 70	330 00
C02-003	123571	144	145	CLPX	13 00	5 90	8 00	3 50	49 00	60 00	6 90	146 30
C02-003	123572	145	146	CLPX	15 00	8 60	28 00	8 30	70 00	115 00	3 50	248 40
C02-003	123573	146	147	CLPX	13 00	7 50	23 00	5 80	62 00	78 00	4 50	193 80
C02-003	123574	147	148	CLPX	17 00	9 10	30 00	10 00	90 00	157 00	6 50	319 60
C02-003	123582	155	156	MGBR	15 00	9 50	45 00	15 00	75 00	208 00	15 00	382 50
C02-003	123583	156	157	MGBR	6 00	4 30	15 00	5 10	30 00	95 00	11 00	166 40
C02-003	123584	157	158	MGBR	6 00	3 50	13 00	3 50	45 00	52 00	6 90	129 90
C02-003	123585	158	159	MGBR	6 00	4 10	5 00	4 30	72 00	80 00	8 10	179 50
C02-003	123586	159	160	MGBR	8 00	6 00	24 00	7 00	96 00	157 00	10 00	308 00
C02-003	123587	160	161	MGBR	6 00	3 80	5 00	5 60	81 00	139 00	22 00	262 40

APPENDIX C

Assay Analysis Code 8

SAMPLE		Cu %	Ni %	Co %
123262		0 005	0 245	0 013
123263		0 003	0 240	0 013
123264		0 004	0 244	0 014
123265		-0 001	0 242	0 013
123266		0 009	0 241	0 013
123267		0 004	0 231	0 012
123268		0 003	0 242	0 013
123269		0 005	0 240	0 014
123270		0 002	0 239	0 013
123271		-0 001	0 245	0 013
123272		-0 001	0 230	0 013
123273		-0 001	0 239	0 013
123274		-0 001	0 252	0 013
123275		0 001	0 243	0 013
123275	/R	-0 001	0 244	0 013
123276		-0 001	0 250	0 014
123277		-0 001	0 241	0 014
123278		-0 001	0 243	0 013
123279		-0 001	0 237	0 013
123280		-0 001	0 242	0 014
123312		0 004	0 248	0 014
123313		0 003	0 259	0 015
123314		0 005	0 251	0 014
123315		0 014	0 309	0 016
123316		0 007	0 271	0 014
123317		0 004	0 256	0 014
123318		0 001	0 254	0 014
123319		0 003	0 255	0 015
123320		0 002	0 246	0 013
123320	/R	0 002	0 245	0 014
123321		0 001	0 248	0 014
123322		0 003	0 257	0 014
123326		0 001	0 252	0 013
123327		0 003	0 258	0 014
123328		0 004	0 244	0 013
123329		0 004	0 253	0 014
123330		0 005	0 254	0 014
123331		0 005	0 249	0 014
123332		0 002	0 223	0 013

Adrienne J Fittau B Sc (Chem)
ICP Technical Manager

METHOD REAGENT BLANK	0 001	-0 003	-0 003

Negative values indicate less than the detection limit

Assay Analysis Code 8

SAMPLE	Cu	Ni	Co
	%	%	%
METHOD REAGENT BLANK	-0 001	-0 003	-0 003
CZn-3 CERT	0 685		0 009
CZn-3	0 698	0 006	0 009
KC-1a CERT	0 629		
KC-1a	0 645	0 003	0 011
MP-1a CERT	1 44		
MP-1a	1 431	-0 003	-0 003
CCu-1c CERT	25 62	(0 001	(0 002
CCu-1c	25 75	-0 003	-0 003
Su-1a CERT	0 967	1 233	0 041
Su-1a	0 930	1 231	0 038

Negative values indicate less than the detection limit

Assay Analysis Code 8

SAMPLE	Cu %	Ni %	Co %
123323	0 017	0 249	0 015
123324	0 004	0 243	0 015
123325	0 002	0 242	0 015
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
CZn-3	0 697	0 003	0 009
KC-1a CERT	0 629		
KC-1a	0 638	-0 003	0 011
MP-1a CERT	1 44		
MP-1a	1 389	-0 003	-0 003
CCu-1c CERT	25 62	(0 001	(0 002
CCu-1c	25 16	-0 003	-0 003
Su-1a CERT	0 967	1 233	0 041
Su-1a	0 967	1 232	0 038

"(" indicates provisional values

Adrienne I Rittau B Sc C Chem
ICP Technical Manager

Negative values indicate less than the detection limit

Assay Analysis Code 8

SAMPLE		Cu %	Ni %	Co %
123333		-0 001	0 207	0 012
123334		-0 001	0 021	0 004
123335		0 001	0 234	0 013
123335	/R	-0 001	0 236	0 013
123336		0 001	0 248	0 013
123337		-0 001	0 199	0 011
123338		0 001	0 220	0 013
123339		-0 001	0 239	0 015
123340		-0 001	0 215	0 013
123341		-0 001	0 211	0 014
123342		-0 001	0 226	0 014
123343		-0 001	0 218	0 013
123344		-0 001	0 218	0 013
123345		0 001	0 220	0 013
123346		-0 001	0 223	0 013
123347		-0 001	0 227	0 013
123348		-0 001	0 229	0 013
123349		-0 001	0 221	0 013
123349	/R	-0 001	0 213	0 013
123350		-0 001	0 225	0 013
123351		-0 001	0 230	0 014
123352		-0 001	0 235	0 013
123393		-0 001	0 217	0 012
123394		0 004	0 224	0 011
123395		-0 001	0 224	0 011
123396		-0 001	0 205	0 010
123397		0 004	0 885	0 025
123398		0 002	0 151	0 007
123399		0 003	0 188	-0 003
123409		-0 001	0 172	-0 003
123410		0 005	0 171	-0 003
123411		0 004	0 123	-0 003
123412		0 052	0 007	-0 003
123413		0 016	-0 003	-0 003
123414		0 015	-0 003	-0 003
123415		0 004	-0 003	-0 003
123416		0 009	-0 003	-0 003
123417		0 019	-0 003	-0 003
123418		0 005	-0 003	-0 003

Adrienne L Pitta, B Sc (Chem)
ICP Technical Manager

123419		0 004	-0 003	-0 003

Negative values indicate less than the detection limit

Assay Analysis Code 8

SAMPLE		Cu %	Ni %	Co %
123420		0 056	0 014	-0 003
123421		0 042	0 013	-0 003
123421	/R	0 039	0 015	-0 003
123422		0 009	0 021	0 003
123423		0 264	0 007	-0 003
123424		0 009	0 015	-0 003
123425		0 009	0 007	-0 003
123426		0 004	-0 003	-0 003
123427		0 005	0 003	-0 003
123428		0 005	0 004	-0 003
123429		0 002	0 003	-0 003
123430		0 012	0 007	-0 003
123431		0 004	0 005	-0 003
123432		0 004	0 005	-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
CZn-3		0 685	0 006	0 010
KC-1a CERT		0 629		
KC-1a		0 643	-0 003	0 011
MP-1a CERT		1 44		
MP-1a		1 478	-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		0 957	1 234	0 039

** Requires dilution for linear range*

"(" indicates provisional values

Negative values indicate less than the detection limit

Sample ID	Au ppb	Pt ppb	Pd ppb
123262	-2	107	91
123263	-2	40	43
123264	5	23	19
123265	-2	40	27
123266	-2	51	17
123267	4	28	16
123268	-2	17	26
123269	3	19	64
123270	4	38	242
123271	3	28	205
123272	3	98	60
123272 Dup	7	95	58
123273	-2	108	4
123274	3	126	5
123275	5	114	4
123276	-2	55	-4
123277	2	84	-4
123278	4	122	7
123279	4	120	-4
123280	37	137	6
123312	6	37	39
123313	7	60	66
123314	4	34	50
123315	17	81	133
123316	12	41	59
123317	3	47	50
123318	2	29	26
123319	4	35	24
123320	5	23	7
123321	-2	41	14
123322	-2	64	79
123326	3	20	9
123327	-2	58	47
123328	-2	13	4
123329	-2	32	23
STANDARD FA-10R	489	489	482
123330	2	47	56
123331	10	60	51
123332	10	74	117
STANDARD DS3	484	481	477
Accepted FA-10R	450 500	450 500	450-500

Sample ID	Au ppb	Pt ppb	Pd ppb	Sample gm
123333	2	110	247	30
123334	3	-5	10	30
123335	8	139	495	30
123336	-2	74	197	30
123337	12	71	459	30
123338	4	19	40	30
123339	4	25	39	30
123340	3	20	62	30
123341	4	20	42	30
123342	2	35	63	30
123343	4	20	45	30
123344	3	30	70	30
123345	2	53	30	30
123346	2	45	18	30
123347	-2	69	28	30
123348	-2	56	24	30
123349	3	94	26	30
123350	6	74	22	30
123409 Dup	2	20	23	15
123351	3	62	22	30
123352	-2	48	14	30
123393	3	18	31	30
123394	7	27	48	30
123395	5	22	34	30
123396	3	35	53	30
123397	11	15	130	30
123398	5	24	31	30
123399	6	52	96	30
123409	4	17	23	30
123410	4	10	12	30
123411	6	15	16	30
123412	10	-5	7	30
123413	-2	-5	-4	30
123414	3	-5	-4	30
123415	3	-5	6	30
STANDARD FA-10R	497	478	500	30
123416	3	-5	-4	30
123417	5	-5	-4	30
123418	3	-5	-4	30
123419	2	-5	-4	30
123420	6	5	4	30
123421	3	-5	-4	30
123422	-2	-5	10	30
123423	7	5	-4	30
123424	3	11	13	30
123425	5	5	8	30
123426	8	-5	-4	30
123427	9	6	5	30
123428	18	-5	-4	30
123430 Dup	12	-5	5	15
123429	10	-5	4	30
123430	4	-5	5	30
123431	6	-5	-4	30
123432	11	-5	-4	30
STANDARD FA-10R	489	483	482	30
Accepted FA-10R	450 500	450-500	450-500	

Sample ID	Au ppb	Pt ppb	Pd ppb
123323	2	69	43
123324	2	30	32
123325	6	57	38
STANDARD FA	511	489	504
Accepted FA	450 500	450 500	450 500

Activation Laboratories Ltd Work Order 25388 Report 25256C

Sample ID	Os ppb	Ir ppb	Ru ppb	Rh ppb	Pt ppb	Pd ppb	Au ppb	Re ppb	Mass g
123333	26	15	57	11 2	116	236	3 9	-5	28
123334	2	-0 1	5	-0 2	-5	-2	3 9	-5	29
123335	28	15	47	12 5	212	481	5 5	-5	30
123336	29	9 8	30	5 2	85	205	3 3	-5	38
123337	20	8 6	23	6 6	137	630	36	-5	17
SARM 7-1	63	74	420	239	3740	1540	310	-5	10
SARM 7 CERT	63	74	430	240	3740	1540	310		

APPENDIX D

Activation Laboratories Ltd Work Order No 25444 Report No 25258

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 L Tattau 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
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

Negative values indicate less than the detection limit

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	126
123571	11	44	98
123572	7	61	136
123573	13	45	102
123574	19	97	212
123575	6	48	78
123575 Dup	4	33	76
123576	8	42	61
123577	6	32	31
123578	2	46	71
123579	6	35	55
123580	15	50	78
123581	10	54	92
123582	11	92	260
123583	15	16	86
123584	8	28	50
123585	-2	63	78
123586	19	71	250
123587	21	44	117
123588	11	-5	-4
123589	8	-5	-4
123590	16	-5	5
123591	15	-5	5
123592	17	-5	7
123593	6	-5	-4
STANDARD FA-10R	495	483	499
123594	10	-5	-4
123595	11	8	-4
123596	60	-5	-4
123597	36	5	7
123598	11	5	4
123599	9	5	7
123600	6	-5	-4
123601	8	6	11
123602	217	5	-4
123602 Dup	233	-5	-4
123603	7	-5	-4
123604	11	-5	4
123605	12	-5	-4
123606	4	-5	4
123607	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 5	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 6	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		

APPENDIX E

Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Activity

Date	Num	Source Name	Account	Class	Activity	Amount
08/12/02	917	Fireweed Helicopters	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	3,352 80
08/12/02	898	Fireweed Helicopters	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	2,270 40
08/12/02	899	Fireweed Helicopters	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	2,125 20
08/12/02	915	Aurora Geosciences	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	1,628 28
08/12/02	917	Fireweed Helicopters	8502 Drilling Cost	121 - Aircraft Helicopter	Aircraft Helicopter	27,357 50
08/12/02	898	Fireweed Helicopters	8502 Drilling Cost	121 - Aircraft Helicopter	Aircraft Helicopter	13,330 00
08/12/02	899	Fireweed Helicopters	8502 Drilling Cost	121 - Aircraft Helicopter	Aircraft Helicopter	12,477 50
					Aircraft Helicopter Total	**62,541 68**
11/01/02	997	Activation Laboratories	8504 Geochemical Cost	141 - Assy Geochemical	Assay Cost	7,692 50
					Assay Cost Total	**7,692 50**
08/12/02	902	Larry Lahusen	8501 Geological	130 - Camp Rental	Camp Cost	3,622 16
08/12/02	915	Aurora Geosciences	8501 Geological	131 - Camp Construction	Camp Cost	320 00
10/18/02	989	Aurora Geosciences	8501 Geological	131 - Camp Construction	Camp Cost	45 00
08/12/02	902	Larry Lahusen	8501 Geological	132 - Camp Groceries	Camp Cost	3,622 16
05/02/02	769	INAC	8501 Geological	162 - Camp Permit	Camp Cost	100 00
07/26/02	859	CIBC Aerogold - Visa	8502 Drilling Cost	130 - Camp Rental	Camp Cost	4,127 50
07/26/02	859	CIBC Aerogold - Visa	8502 Drilling Cost	132 - Camp Groceries	Camp Cost	4,127 50
					Camp Cost Total	**15,964 32**
03/31/02	767	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	597 23
03/31/02	767	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	597 24
04/08/02	pettycash		8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	3 80
05/09/02	779	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	2,324 88
06/28/02	839	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,218 31
06/28/02	839	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,010 00
06/28/02	839	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,218 31
06/28/02	839	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,010 00
12/20/02	Advance	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	2,000 00
					Computer Compil/Drafting Total	**9,979 77**
01/03/02	660	Kishar Research Inc	8501 Geological	104 - Consulting Geologist	Consulting Geologist	5,314 68
01/03/02	659	Kishar Research Inc	8501 Geological	104 - Consulting Geologist	Consulting Geologist	408 90
					Consulting Geologist Total	**5,723 58**
02/12/02	690	Aurora Geosciences	8503 Geophysical Cost	105 - Consulting Geophysicist	Consulting Geophysicist	1,780 00
04/03/02	737	Aurora Geosciences	8503 Geophysical Cost	105 - Consulting Geophysicist	Consulting Geophysicist	1,980 00
					Consulting Geophysicist Total	**3,760 00**
08/12/02	910	Coureur Des Bois Ltd	8502 Drilling Cost	109 - Contract Grid/ DDH Survey	Contract Grid/ DDH Survey	4,500 00

Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Activity

Date	Num	Source Name	Account	Class	Activity	Amount
08/12/02	910	Coureur Des Bois Ltd	8502 Drilling Cost	109 - Contract Grid/ DDH Survey	Contract Grid/ DDH Survey	148 48
					Contract Grid/ DDH Survey Total	**4,648 48**
06/19/02	824	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	15,000 00
08/09/02	891	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	12,624 84
08/14/02	918	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	29,922 10
09/10/02	939	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	10,395 14
08/09/02	891	E Caron Diamond Drilling Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	4,063 64
08/12/02	910	Coureur Des Bois Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	4,500 00
08/14/02	918	E Caron Diamond Drilling Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	8,601 52
09/10/02	939	E Caron Diamond Drilling Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	1,663 20
08/09/02	891	E Caron Diamond Drilling Ltd	8502 Drilling Cost	112 - Contracting Mobilization	Drilling Cost	2,222 50
08/14/02	918	E Caron Diamond Drilling Ltd	8502 Drilling Cost	112 - Contracting Mobilization	Drilling Cost	3,080 00
08/09/02	886	33522 Yukon Inc	8502 Drilling Cost	115 - Fuel Drilling	Drilling Cost	1,694 32
09/10/02	945	33522 Yukon Inc	8502 Drilling Cost	115 - Fuel Drilling	Drilling Cost	1,102 00
					Drilling Cost Total	**94,869.26**
07/22/02		IF Consulting Inc	8501 Geological	145 - Field Cost Freight	Field Cost	54 10
08/09/02	870	Federal Express	8501 Geological	145 - Field Cost Freight	Field Cost	68 90
08/12/02	902	Larry Lahusen	8501 Geological	145 - Field Cost Freight	Field Cost	80 84
10/09/02	996	IF Consulting Inc	8501 Geological	145 - Field Cost Freight	Field Cost	32 59
10/18/02	988	Aurora Geosciences	8501 Geological	145 - Field Cost Freight	Field Cost	90 16
08/12/02	902	Larry Lahusen	8501 Geological	147 - Field Cost Expediting	Field Cost	2,988 37
08/12/02	915	Aurora Geosciences	8501 Geological	147 - Field Cost Expediting	Field Cost	1,426 92
10/18/02	988	Aurora Geosciences	8501 Geological	147 - Field Cost Expediting	Field Cost	421 24
06/17/02	823	Pothier Enterprises Ltd	8501 Geological	148 - Field Cost Supplies	Field Cost	1,836 00
06/28/02	840	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	401 57
06/28/02	840	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	175 45
07/10/02	843	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	270 31
08/09/02	873	Terraplus Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	320 00
08/09/02	871	Pothier Enterprises Ltd	8501 Geological	148 - Field Cost Supplies	Field Cost	260 00
08/09/02	872	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	51 36
08/12/02	915	Aurora Geosciences	8501 Geological	148 - Field Cost Supplies	Field Cost	1,101 71
08/12/02	904	Larry Lahusen	8501 Geological	148 - Field Cost Supplies	Field Cost	464 53
08/12/02	903	Larry Lahusen	8501 Geological	148 - Field Cost Supplies	Field Cost	285 32
08/12/02	902	Larry Lahusen	8501 Geological	148 - Field Cost Supplies	Field Cost	190 65
10/18/02	988	Aurora Geosciences	8501 Geological	148 - Field Cost Supplies	Field Cost	135 48

Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Activity

Date	Num	Source Name	Account	Class	Activity	Amount
12/09/02	1021	Yukon Engineering Services	8501 Geological	148 - Field Cost Supplies	Field Cost	360 00
10/18/02	988	Aurora Geosciences	8504 Geochemical Cost	145 - Field Cost Freight	Field Cost	1,608 38
08/12/02	902	Larry Lahusen	8506 Assaying	145 - Field Cost Freight	Field Cost	446 20
					Field Cost Total	**13,070 08**
01/16/02	672	DHL Worldwide Express	8501 Geological	150 - OfficeCost	Office Cost	17 06
02/12/02	694	DHL Worldwide Express	8501 Geological	150 - OfficeCost	Office Cost	10 20
02/12/02	694	DHL Worldwide Express	8501 Geological	150 - OfficeCost	Office Cost	10 20
02/20/02	697	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	22 80
03/18/02	722	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	1 79
04/08/02	pettycash		8501 Geological	150 - OfficeCost	Office Cost	82 47
05/17/02	789	IF Consulting Inc	8501 Geological	150 - OfficeCost	Office Cost	3 14
06/07/02	796	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	62 97
06/17/02	pettycash		8501 Geological	150 - OfficeCost	Office Cost	264 34
06/17/02	pettycash		8501 Geological	150 - OfficeCost	Office Cost	140 00
06/17/02	pettycash		8501 Geological	150 - OfficeCost	Office Cost	6 05
07/04/02	838	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	32 90
07/22/02	851	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	22 18
08/09/02	875	DHL Customs Brokerage	8501 Geological	150 - OfficeCost	Office Cost	5 00
09/03/02	927	IF Consulting Inc	8501 Geological	150 - OfficeCost	Office Cost	11 25
09/06/02	929	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	18 90
09/24/02	967	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	18 50
31/03/02	735	One Forty Copiers	8501 Geological	150 - OfficeCost	Office Cost	32 50
06/07/02	805	Hayoz Insurance Brokers	8501 Geological	175 - Insurance	Office Cost	832 50
06/28/02	832	Federal Express	8502 Drilling Cost	150 - OfficeCost	Office Cost	59 06
06/07/02	804	Hayoz Insurance Brokers	8502 Drilling Cost	175 - Insurance	Office Cost	915 00
03/12/02	713	One Forty Copiers	8503 Geophysical Cost	150 - OfficeCost	Office Cost	84 24
04/08/02	pettycash		8503 Geophysical Cost	150 - OfficeCost	Office Cost	6 00
06/13/02	811	Federal Express	8503 Geophysical Cost	150 - OfficeCost	Office Cost	30 19
					Office Cost Total	**2,689 24**
01/16/02	675	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,156 25
01/31/02	680	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,203 13
02/12/02	689	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	656 25
02/25/02	700	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	968 75
03/12/02	709	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,140 63
03/29/02	731	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,359 38

Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Activity

Date	Num	Source Name	Account	Class	Activity	Amount
04/10/02	741	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,750 00
04/23/02	757	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	2,140 63
05/08/02	770	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	2,325 00
05/17/02	789	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	2,062 50
06/06/02	793	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,800 00
06/17/02	817	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,612 50
07/22/02		IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	562 50
08/08/02	863	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	187 50
08/12/02	893	Larjer Investments Inc	8501 Geological	102 - Project Geologist	Project Geologist	19,300 00
09/16/02	957	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	112 50
10/16/02	981	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	87 50
12/20/02	Advance	Larjer Investments Inc	8501 Geological	102 - Project Geologist	Project Geologist	4,000 00
					Project Geologist Total	**42,425 02**
07/15/02	848	Erik Martensson	8501 Geological	103 - Support Staff	Support Staff	857 04
07/31/02	916	Erik Martensson	8501 Geological	103 - Support Staff	Support Staff	1,600 36
08/15/02	911	Erik Martensson	8501 Geological	103 - Support Staff	Support Staff	535 40
08/31/02	925	CCRA	8501 Geological	103a - Support Staff/CCRA Remit	Support Staff	149 20
					Support Staff Total	**3,142 00**
08/12/02	903	Larry Lahusen	8501 Geological	160 - Travel/Food & Lodging	Travel Cost	252 87
08/12/02	902	Larry Lahusen	8501 Geological	160 - Travel/Food & Lodging	Travel Cost	171 04
08/12/02	902	Larry Lahusen	8501 Geological	161 - Travel/Commercial Air	Travel Cost	523 65
08/12/02	904	Larry Lahusen	8501 Geological	161 - Travel/Commercial Air	Travel Cost	361 44
02/12/02	689	IF Consulting Inc	8501 Geological	170 - Business Meetings	Travel Cost	32 60
08/12/02	905	Larry Lahusen	8501 Geological	170 - Business Meetings	Travel Cost	264 13
09/06/02	931	Larry Lahusen	8501 Geological	170 - Business Meetings	Travel Cost	17 76
08/12/02	902	Larry Lahusen	8501 Geological	120 - Fuel vehicle	Travel Cost	292 16
08/12/02	903	Larry Lahusen	8501 Geological	120 - Fuel vehicle	Travel Cost	214 75
					Travel Cost Total	**2,130 40**
					SubTotal	**$268,636 33**
					10% Administration Fee	**$26,863 63**
					Grand Total	**$295,499 96**

Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Source Name

Num	Source Name	Account	Class	Activity	Amount
886	33522 Yukon Inc	8502 Drilling Cost	115 - Fuel Drilling	Drilling Cost	1,694 32
945	33522 Yukon Inc	8502 Drilling Cost	115 - Fuel Drilling	Drilling Cost	1,102 00
997	Activation Laboratories	8504 Geochemical Cost	141 - Assy Geochemical	Assay Cost	7,692 50
690	Aurora Geosciences	8503 Geophysical Cost	105 - Consulting Geophysicist	Consulting Geophysicist	1,780 00
737	Aurora Geosciences	8503 Geophysical Cost	105 - Consulting Geophysicist	Consulting Geophysicist	1,980 00
915	Aurora Geosciences	8501 Geological	131 - Camp Construction	Camp Cost	320 00
915	Aurora Geosciences	8501 Geological	147 - Field Cost Expediting	Field Cost	1,426 92
915	Aurora Geosciences	8501 Geological	148 - Field Cost Supplies	Field Cost	1,101 71
915	Aurora Geosciences	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	1,628 28
989	Aurora Geosciences	8501 Geological	131 - Camp Construction	Camp Cost	45 00
988	Aurora Geosciences	8501 Geological	145 - Field Cost Freight	Field Cost	90 16
988	Aurora Geosciences	8501 Geological	147 - Field Cost Expediting	Field Cost	421 24
988	Aurora Geosciences	8501 Geological	148 - Field Cost Supplies	Field Cost	135 48
988	Aurora Geosciences	8504 Geochemical Cost	145 - Field Cost Freight	Field Cost	1,608 38
697	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	22 80
722	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	1 79
796	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	62 97
838	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	32 90
851	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	22 18
929	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	18 90
967	Bell Intrigna	8501 Geological	150 - OfficeCost	Office Cost	18 50
840	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	401 57
840	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	175 45
843	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	270 31
872	C F E Equipment Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	51 36
925	CCRA	8501 Geological	103a - Support Staff/CCRA Remit	Support Staff	149 20
859	CIBC Aerogold - Visa	8502 Drilling Cost	130 - Camp Rental	Camp Cost	4,127 50
859	CIBC Aerogold - Visa	8502 Drilling Cost	132 - Camp Groceries	Camp Cost	4,127 50
910	Coureur Des Bois Ltd	8502 Drilling Cost	109 - Contract Grid/ DDH Survey	Contract Grid/ DDH Survey	4,500 00
910	Coureur Des Bois Ltd	8502 Drilling Cost	109 - Contract Grid/ DDH Survey	Contract Grid/ DDH Survey	148 48
910	Coureur Des Bois Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	4,500 00
875	DHL Customs Brokerage	8501 Geological	150 - OfficeCost	Office Cost	5 00
672	DHL Worldwide Express	8501 Geological	150 - OfficeCost	Office Cost	17 06

Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Source Name

Num	Source Name	Account	Class	Activity	Amount
694	DHL Worldwide Express	8501 Geological	150 - OfficeCost	Office Cost	10 20
694	DHL Worldwide Express	8501 Geological	150 - OfficeCost	Office Cost	10 20
824	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	15,000 00
891	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	12,624 84
891	E Caron Diamond Drilling Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	4,063 64
891	E Caron Diamond Drilling Ltd	8502 Drilling Cost	112 - Contracting Mobilization	Drilling Cost	2,222 50
918	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	29,922 10
918	E Caron Diamond Drilling Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	8,601 52
918	E Caron Diamond Drilling Ltd	8502 Drilling Cost	112 - Contracting Mobilization	Drilling Cost	3,080 00
939	E Caron Diamond Drilling Ltd	8502 Drilling Cost	110 - Contracting Drilling	Drilling Cost	10,395 14
939	E Caron Diamond Drilling Ltd	8502 Drilling Cost	111 - Contracting DDH Material	Drilling Cost	1,663 20
848	Erik Martensson	8501 Geological	103 - Support Staff	Support Staff	857 04
916	Erik Martensson	8501 Geological	103 - Support Staff	Support Staff	1,600 36
911	Erik Martensson	8501 Geological	103 - Support Staff	Support Staff	535 40
811	Federal Express	8503 Geophysical Cost	150 - OfficeCost	Office Cost	30 19
832	Federal Express	8502 Drilling Cost	150 - OfficeCost	Office Cost	59 06
870	Federal Express	8501 Geological	145 - Field Cost Freight	Field Cost	68 90
917	Fireweed Helicopters	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	3,352 80
898	Fireweed Helicopters	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	2,270 40
899	Fireweed Helicopters	8502 Drilling Cost	118 - Fuel Jet B	Aircraft Helicopter	2,125 20
917	Fireweed Helicopters	8502 Drilling Cost	121 - Aircraft Helicopter	Aircraft Helicopter	27,357 50
898	Fireweed Helicopters	8502 Drilling Cost	121 - Aircraft Helicopter	Aircraft Helicopter	13,330 00
899	Fireweed Helicopters	8502 Drilling Cost	121 - Aircraft Helicopter	Aircraft Helicopter	12,477 50
767	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	597 23
767	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	597 24
779	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	2,324 88
839	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,218 31
839	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,010 00
839	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,218 31
839	G E Jones Enterprises Ltd	8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	1,010 00
Advance	G E Jones Enterprises Ltd	8501 Geological	155 - Computer Compil/Drafting	Computer Compil/Drafting	2,000 00
805	Hayoz Insurance Brokers	8501 Geological	175 - Insurance	Office Cost	832 50
804	Hayoz Insurance Brokers	8502 Drilling Cost	175 - Insurance	Office Cost	915 00

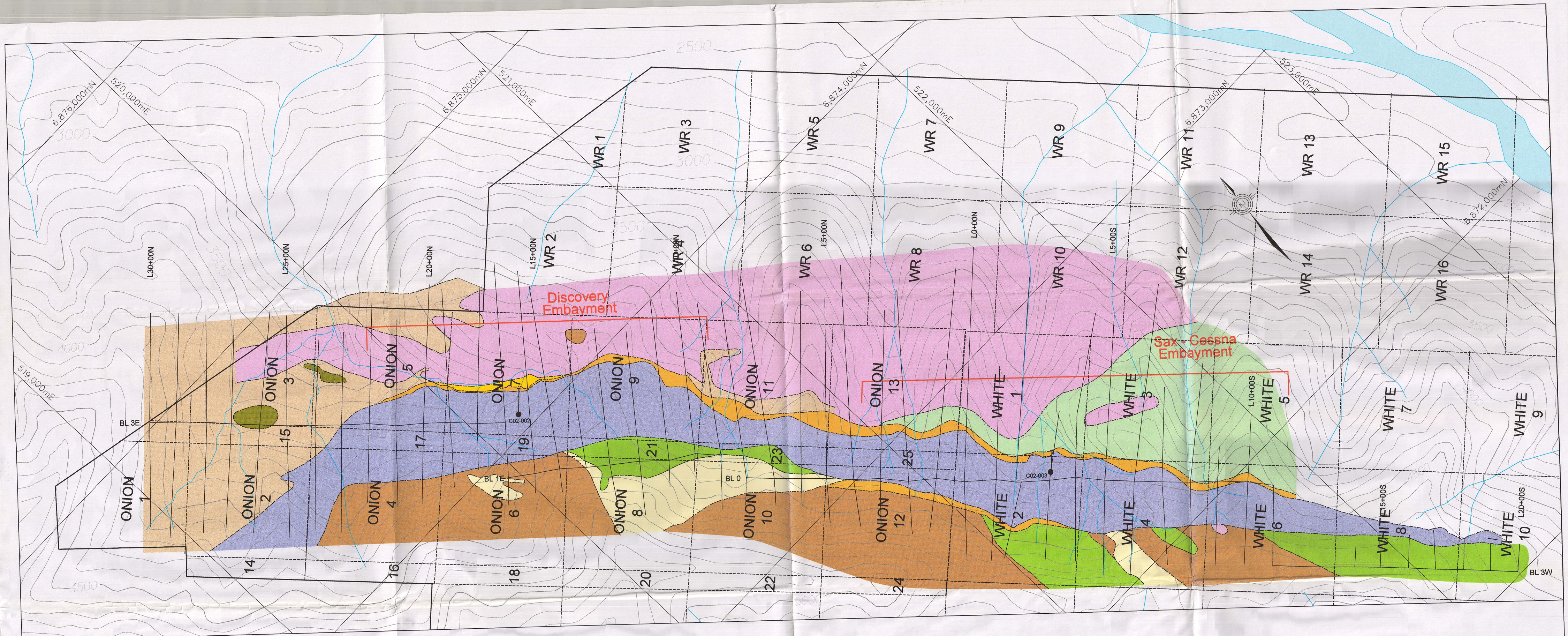
Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Source Name

Num	Source Name	Account	Class	Activity	Amount
675	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,156 25
680	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,203 13
689	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	656 25
689	IF Consulting Inc	8501 Geological	170 - Business Meetings	Travel Cost	32 60
700	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	968 75
709	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,140 63
731	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,359 38
741	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,750 00
757	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	2,140 63
770	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	2,325 00
789	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	2,062 50
789	IF Consulting Inc	8501 Geological	150 - OfficeCost	Office Cost	3 14
793	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,800 00
817	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	1,612 50
	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	562 50
	IF Consulting Inc	8501 Geological	145 - Field Cost Freight	Field Cost	54 10
863	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	187 50
927	IF Consulting Inc	8501 Geological	150 - OfficeCost	Office Cost	11 25
957	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	112 50
996	IF Consulting Inc	8501 Geological	145 - Field Cost Freight	Field Cost	32 59
981	IF Consulting Inc	8501 Geological	102 - Project Geologist	Project Geologist	87 50
769	INAC	8501 Geological	162 - Camp Permit	Camp Cost	100 00
660	Kishar Research Inc	8501 Geological	104 - Consulting Geologist	Consulting Geologist	5,314 68
659	Kishar Research Inc	8501 Geological	104 - Consulting Geologist	Consulting Geologist	408 90
893	Larjer Investments Inc	8501 Geological	102 - Project Geologist	Project Geologist	19,300 00
Advance	Larjer Investments Inc	8501 Geological	102 - Project Geologist	Project Geologist	4,000 00
902	Larry Lahusen	8501 Geological	120 - Fuel vehicle	Travel Cost	292 16
903	Larry Lahusen	8501 Geological	120 - Fuel vehicle	Travel Cost	214 75
902	Larry Lahusen	8501 Geological	130 - Camp Rental	Camp Cost	3,622 16
902	Larry Lahusen	8501 Geological	132 - Camp Groceries	Camp Cost	3,622 16
902	Larry Lahusen	8501 Geological	145 - Field Cost Freight	Field Cost	80 84
902	Larry Lahusen	8501 Geological	147 - Field Cost Expediting	Field Cost	2,988 37
904	Larry Lahusen	8501 Geological	148 - Field Cost Supplies	Field Cost	464 53

Canalask - Onion Project
2002 Drill Program Expenditures
Sorted by Source Name

Num	Source Name	Account	Class	Activity	Amount
903	Larry Lahusen	8501 Geological	148 - Field Cost Supplies	Field Cost	285 32
902	Larry Lahusen	8501 Geological	148 - Field Cost Supplies	Field Cost	190 65
903	Larry Lahusen	8501 Geological	160 - Travel/Food & Lodging	Travel Cost	252 87
902	Larry Lahusen	8501 Geological	160 - Travel/Food & Lodging	Travel Cost	171 04
902	Larry Lahusen	8501 Geological	161 - Travel/Commercial Air	Travel Cost	523 65
904	Larry Lahusen	8501 Geological	161 - Travel/Commercial Air	Travel Cost	361 44
905	Larry Lahusen	8501 Geological	170 - Business Meetings	Travel Cost	264 13
902	Larry Lahusen	8506 Assaying	145 - Field Cost Freight	Field Cost	446 20
931	Larry Lahusen	8501 Geological	170 - Business Meetings	Travel Cost	17 76
713	One Forty Copiers	8503 Geophysical Cost	150 - OfficeCost	Office Cost	84 24
735	One Forty Copiers	8501 Geological	150 - OfficeCost	Office Cost	32 50
823	Pothier Enterprises Ltd	8501 Geological	148 - Field Cost Supplies	Field Cost	1,836 00
871	Pothier Enterprises Ltd	8501 Geological	148 - Field Cost Supplies	Field Cost	260 00
873	Terraplus Inc	8501 Geological	148 - Field Cost Supplies	Field Cost	320 00
1021	Yukon Engineering Services	8501 Geological	148 - Field Cost Supplies	Field Cost	360 00
pettycash		8501 Geological	150 - OfficeCost	Office Cost	82 47
pettycash		8503 Geophysical Cost	150 - OfficeCost	Office Cost	6 00
pettycash		8503 Geophysical Cost	155 - Computer Compil/Drafting	Computer Compil/Drafting	3 80
pettycash		8501 Geological	150 - OfficeCost	Office Cost	264 34
pettycash		8501 Geological	150 - OfficeCost	Office Cost	140 00
pettycash		8501 Geological	150 - OfficeCost	Office Cost	6 05
					268,636.33

APPENDIX F



LEGEND

C02-003 ● Drill Hole Location

GEOLOGY

MIDDLE TRIASSIC
NIKOLAI GROUP

- BSLT — Amygdaloidal basalt
- LMST — Massive limestone
- VOLC — Lapilli tuff, volcanic breccia

WHITE RIVER MAFIC-ULTRAMAFIC COMPLEX

- WHRS — Peridotite, dunite, pyroxenite, gabbro
- UM — Peridotite

PENNSYLVANIAN TO LOWER PERMIAN
SKOLAI GROUP

Hasen Creek Formation

- QZCB — Quartz carbonate alteration halo
- SEDS — Silicious argillite

Station Creek Formation

- DIOR — Diorite
- ANDS — Massive andesite flows
- BSFL — Massive basalt flows

0 500 1000m

1:5000

URAVAN MINERALS INC.

ONION / SAX GRID

CANALASK PROPERTY
YUKON TERRITORY

COMPILATION MAP

FIGURE: 9