

2018 FINAL TECHNICAL YMEP REPORT FOR THE HIDDEN GOLD PLACER PROJECT 18-028

Judas Creek Area, Southwest Yukon
NTS Map sheets 105D 08 & 105C 05
Location: Latitude of 60°24' N, and Longitude 134°00' W
Mining District: Whitehorse, Yukon Territory



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Behalf of 536005
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Submitted to:

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Abstract

The Hidden Gold Project lies 65km south of Whitehorse in southwest Yukon. The project is readily accessible by vehicle and consists of 83 placer claims and 10 miles of prospecting leases. Field work was carried out from September 11th till October 3rd, 2018; a 100-yard bulk sample was done on a tributary of Judas Creek unofficially referred to as "Faith Creek". The Program was carried out as part of the 2018 YMEP Program. An under 20t excavator and skid steer was used for preparing the site, feeding the sluice box and reclaiming the area afterwards. A 20-30 yrd/hr trommel was utilized for running the sample, and the concentrate from the trommel was run through a small clean up sluice box. The concentrate was then dried, screened, magnetically separated and panned. A sample of the heavy mineral concentrate tested using an x-ray fluorescence detector (XRF) then sent to Bureau Veritas for a multi-element and PGE analysis and another was sent to Overburden Drilling Management for additional analysis.

Results from the 100-yard bulk sample returned 2.953 oz of gold, results from Bureau Veritas returned elevated Au, Ag, Mo, Ni, Co, Cr, V, Pd and Pt. Results from Overburden Drilling management are still pending. Due to cold weather, short days and the trommel, only the bulk sample portion of the program could be completed. The trommel required cognisant adjustments during the duration of the tests to improve recovery. Based on a test of the tailings much gold was lost; a single 5-gallon bucket of tailings produced nearly a gram of gold. However, despite less than ideal weather conditions and primary processing equipment the results are very encouraging, the material still yielded an average of 0.92 grams per yard. Further work is warranted consisting a first phase of prospecting, surficial mapping, hand testing and drone survey. This would provide the ground work for a second phase of mechanical test pitting and bulk sampling.

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Introduction

The Hidden Gold Placer (HGP) project is located approximately 65km south of Whitehorse in southwest Yukon. The project is readily accessible by vehicle and consists of 83 placer claims and 10 miles of prospecting leases; specifically, 34 claims on Judas Creek, 40 claims on a tributary of Judas Creek unofficially named Faith Creek, 2 claims on an unnamed tributary and 7 claims on a second unnamed tributary of Judas Creek unofficially named Hope Creek. Leases are on the upper end of Faith Creek and on two alternate tributaries. All claims are currently in good standing.

Prospecting the area in 2011 for lode Au and Ni+/-PGE lead to a discovery of a “false bedrock” horizon on Faith Creek with overlaying fluvial-derived sand, cobbles, and boulders. Several pans were taken by the author with one pan yielding an over 4 mg colour and promptly a 1-mile prospecting lease was staked. Early hand dug pits lead to discoveries of 2.5 grams of gold in half a yard at the lower end of Faith creek on a small side bench and \$70 per yard approximately 1 mile up stream from gravels on a bedrock reef. Presently after 3 years of subsequent hand test pitting, mechanical excavating, and drilling approximately 8 and a half miles of claims and 10 miles of leases have been staked and a new potential placer area has been identified. The Hidden Gold Placer Project covers 5 drainages consisting of Judas creek and several of it’s tributaries. Diligent testing and obsessive prospecting together with collaboration by Yukon Geological Survey placer geologist Jeff Bond illustrates a very unique glacial history and resulting placer deposit.

A viable placer potential exists approximately 45 minutes south of Whitehorse, Yukon. Testing indicates areas of near surface payable gravels with feasible bedrock depths and no permafrost. The purpose of this report is to summarise and detail the 2018 YMEP program and results. The total expenditures of the 2018 YMEP exploration program on the Hidden Gold Placer project is \$83,570.93.

Location and Access

The Hidden Gold Project is located in southwest Yukon, approximately 65 km south of the City of Whitehorse (Figure 1). The property is located in the Whitehorse Mining District in NTS map sheet 105D08 and 105C05. Claims are centered on Latitude of 60°24' N, and Longitude 134°00' W. Access to the project is south from Whitehorse on the Alaska Highway for 60 km then north on a dirt road for approximately 5 km; a trip is generally 40 minutes one-way by truck. The project is very well accessible with 2-wheel drive vehicle access to the site, and atv access trails to higher limits of the drainages (Figure 2). The easy accessibility to the project makes for cost effective exploration by negating expensive equipment mobilization costs.

Regional Geology

The HGP project area overlies lithologies of the Cache Creek terrane and are intruded by later Cretaceous and Tertiary granitic plutons. The unit is an exotic accreted terrane consisting of an ophiolite oceanic sequence of ultramafic, mafic, volcanic and sedimentary rocks (Figure 3). Historically the unit is known as the “gold series” rocks by due to a strong association with placer gold deposits. The Cache Creek and similar Slide Mountain ophiolite terranes are attributed to multiple placer fields in British Columbia including; Atlin, Cariboo-Barkerville, Dease Lake and Manson Creek placer camps. Such placers and lode sources are estimated to account for up to 80% of British Columbia’s historic gold production. Evidence of the same listwanite orogenic gold mineralization is evident in the surrounding area; within 20km of the

project area is the Tonnes of Gold (TOG) listwanite gold showing (105C 028) yields values up to 1422.2 g/t gold, >50 ppm silver. Visible gold is hosted in translucent smoky quartz veins in shear zones and areas of graphitic alteration in wall rock.

The underlying geology in the project area also shows evidence of lode gold mineralization and includes the Military Showing (105D 178); as well as, from previous placer test pits that yielded numerous rocks showing vein material and listwanite alteration. In detail, on the HGP project the following lithologies have been observed: serpentinite, greenstone, harzburgite, gabbro, limestone, chert, and hornblende granite. Lithologies are consistent with the Atlin area and other placer camps in BC.

More recently during the last glaciation approximately 20,000 years ago, the Late Wisconsinan McConnell Glaciation, Ice would have advanced north from the Cassiar Lobe (Bond, 2007). Features from deglaciation of the ice sheet scour the project area including remnant moraines, melt water channels, and eskers.

Surficial Geology

The surficial geology in the Judas creek area varies from drainage to drainage and is described in detail under the recent work section of this report. In general, the area is covered a thin glacial till veneer from the last glaciation approximately 20,000 yrs ago, the Late Wisconsinan McConnell Glaciation. Investigation of the till indicates a lot of locally derived clasts of ultramafic or limestone rocks. Meltwater outwashes from glacial dewatering scar the area and have successfully removed the till veneer locally. The general east-west orientation of Judas Creek and Faith creek is likely why pre-glacial gravels have been encountered in the area protected by the north-westerly approaching glaciers.

Previous History

Judas Creek received its name in 1911 following a small stampede that took place in the area based on gold finds made by Benjamin Miller before the Klondike Goldrush. The stamperders originally wanted to name the creek "All In" creek based on their exhausted state when reaching the creek but named it Judas creek when they found little gold. Into the 1930's and 40's several rumours developed of individuals working and finding coarse gold in the hills behind the Jake's Corner area. These rumours are not substantiated in written records; however, several old workings from that approximate time frame indicate areas where hand miners made a find and "went to town" based on the density of hand dug pits localized in several sites.

Earliest recorded work for mineral exploration in the area dates back to the early 1950's, involving hand and bulldozer trenching, in pursuit of asbestos. Trenching by bulldozer opened several large exposures of serpentinized ultramafics greater than 100 m long. Minor soil sampling during this time returned up to 646 ppm Ni.

An exploration program conducted by Dodgex Ltd in 1986 examined altered peridotite for PGE potential and located a chromite-rich zone in dunite with layer widths up to 5m. Chip sampling across the zone assayed 52.2% chromium oxide, 145 ppb platinum and 2 ppb palladium. Replicated sample collected by Gordon McLeod in fall 2002 returned a total PGE value of 1740 ppb; this sample was tested using nickel fusion followed by ICP-MS analysis and returned anomalous PGE values: 683 ppb Ru, 417 ppb Ir, 406 ppb Os, 159 ppb Pt, 70 ppb Rh and 5 ppb Pd. The combined PGE assay yielded 39% ruthenium (light PGE) and 56% osmium, iridium and platinum (heavy PGEs). Alternate grab sample from McLeod in 2002 returned

peak values of 105ppm Co, 953ppm Cr, and 2293ppm Ni, with 13 out of 14 grabs from assaying over 1400 ppm Ni.

The Tonnes of Gold (TOG) showing approximately 15 km southeast is the first recorded gold listwanite occurrence in the area; grab samples from the prospect returned peak values of 49.9% chromium oxide and 1422.2 g/t gold, >50 ppm silver, 7128 ppm lead and 3938 ppm zinc. Gold is hosted in translucent smoky quartz veins in shear zones and areas of graphitic alteration.

Military occurrence, Minfile 105D 178 is located on the edge of the project area at a glacial plunge pool which forms an incised channel to Faith Creek. The occurrence consists of an extensively hydrothermally altered fault at the serpentinite and chert/limestone contact. The fault zone is gouged, pyritic with clay and graphitic alteration and minor fuchsite. Area was noticed in the late 90s in geophysics survey which identified several structures including a linear low in nearby Faith Creek. Follow up soils returned several Au anomalies and was subsequently trenched exposing the fault and contact area. Highest assays only returned 90 ppb Au after sampling; however, bulk sampling of vein material and gouge using a 5lb ball mill returned half a dozen flakes in several 1-2 kg samples. This could provide one local source to gold seen in nearby creek. Access from the Alaska Highway was established during this exploration.

Recent Work

Placer exploration was carried out by Nicolai Goeppel since 2011. The first four years entailed of prospecting and digging hand dug test pits on benches and reefs investigating all the main tributaries in the area. Many sites displayed cobbles and boulders suggesting higher velocity flow and greater concentrating of heavies. In 2015 approximately 450 ft of drilling and approximately 25 test pits were mechanically dug on Judas Creek. In addition, over 100 ft of drilling and approximately 20 test pits were dug on Faith Creek. An additional two test pits were dug at the mouth of Hope creek. Exploration resulted in positive surface testing and drilling results.

Faith Creek

Faith Creek displays clear evidence of a preglacial drainage which has become exposed through incision by melt water from subsequent glacially-related events. Based on the presence of a young conglomerate at the lower end of Faith Creek indicates the drainage may have been potentially active for over 1 million years. This allows for more time for material to erode and deposit, similar to placers in unglaciated areas. Later melt water channels served to expose earlier preglacial gravels and may have also re-concentrated pre-existing till and gravels. This may explain the excellent placer grades produced from the drainage. Remnant in-basin fill is a possible paleo placer and may be a local source for placer gold. Two samples taken in 2015 through a hard rock YMEP from the conglomerate and angular false bedrock; sample 15NI20 yielded 86.4ppb Au, 35.16ppm Cu, 421ppm Ni, 74ppm V, 4.4ppm Ga, 1.6ppm U, and 4ppb Pt and sample 15NI21 returned 1671ppm Ni, 1180.1ppm Cr, 2.2ppm U, and 4ppb Pt.

Placer testing through hand dug pits, mechanical test pitting and auger drilling have outlined economic placer grades in the first mile of Faith Creek. This includes 2.5 grams from 0.5 yard of material off of the false bedrock (conglomerate) and \$70 per yard from remnant moraine on a bedrock reef 1 mile upstream. Digging into the moraine shows the till is truncated by preglacial gravels and then bedrock. In addition, up to \$50 per yard in top gravels was produced from testing 0.1 of a yard in 5 test pits over the first mile. Drilling has indicated bedrock between 50 and 16 feet and yielded up to 85\$ per yard in the lower part of the creek. The upper two miles of Faith creek have indicated potential for placer gold based on results

from intermittent hand dug test and surface pans; however, further work is needed to determine full potential of the valley.

Judas Creek

Previous work done on the lower end of Judas Creek reveals presence of glacial outwash. This includes material consisting of well rounded pebbles in a clay matrix and representative of a high velocity mud flow. Gold has been recovered from this material with one sample yielding a 3.5 mg flake from drilling. This is likely sourced from preglacial material that has been caught up in glacial outwash. Judas Creek is the largest drainage in the area and would have acted as the major conduit for outwash events and holds the potential for a larger placer deposit. Mechanical test pits done over the first 2 miles have yielded between 2 and 14 colours a pan, follow up drilling in the lower half mile produced up to 20 dollars per yard. Further drilling and test pitting is required to determine the full potential of the valley. Previous drilling was cut short due to mechanical failure as grades increased and bedrock became more shallow. There is a strong potential that continued testing up the valley would yield higher grades in a shallower and more economic location.

Hope Creek

Only minor testing through test pitting has been done on the mouth of Hope Creek and yielded 2.5 mg flake from pan tests. The drainage forms a glacial plunge pool. Glacial plunge pools have been historically significant sources of placer gold. Bedrock is exposed at the head of the plunge pool and forms an incised channel to the north. Drilling and test pitting is planned to evaluate the drainage.

Remaining Drainages

The remaining two drainages covered by a 2- and 3-mile lease trend in north south direction and remain largely unexplored. The presence of false bedrock (conglomerate) and bedrock have been observed on these drainages and offer ideal hand testing locations for initial exploration. Based on initial tests drilling and/or mechanical test pitting may be carried out on these drainages.

2018 Exploration Program and Results

2018 Exploration Program

A class one notification permit was submitted and approved prior to starting the 2018 program. This ensured all First Nation bands in the area are aware of the exploration program. A schedule 3 notification was also submitted. Based on communications with department of Environment exploration was completed in time to avoid conflicting with winter range timing of the Southern Lakes Caribou herd as well as immediate reclamation of the site to ensure minimal disturbance to the Caribou. Location of the Bulk sample can be seen in Figure 2 and detailed feature locations in Figure 4, Appendix I.

The program was initiated on September 11th with field activities completed by October 3rd and included mobilization, excavation, reclamation and demobilization. Intermittently until November 7th the second phase of processing concentrate was carried out indoors; concentrate was run through a clean up sluice with magnet, concentrate was then dried, screened and lastly panned.

The program began with mobilization of the excavator a Doosan 140LC. The excavator was used to create a level location on the bench for the 20-30yrd/hr trommel and was then used to maneuver the trommel into place. Below the bench and trommel two pits connected by a short ditch were excavated for catching

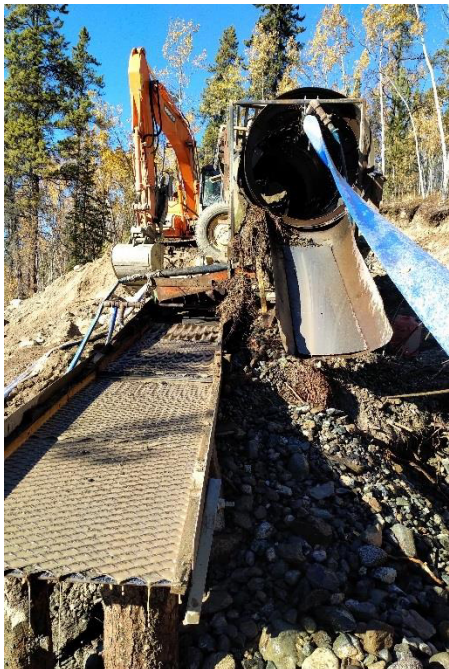
tailings and water discharged from the trommel, to use for recycling water back to the trommel and as a ground water source. The larger pit was used to catch tailings and water discharged from the trommel; water would then travel the short ditch connected to a second smaller pit and be recycled back to the trommel. Approximately 150yds was excavated to construct the first pit, another 50 yards for the second and approximately 20 yards for the ditch in between the two. Due to a strong water table below the creek level in the pit scarcely any creek water was used during the duration of the program, and therefore hardly incurred on the daily allowable 300m³ of creek water. Pumps used consisted of a 4" for the main spray bar and trommel line and 2" pump for a spray bar on the runs and hydraulic riffle. Once the trommel was set up, gravel was excavated and piled on the bench, the excavator was moved into feeding position and a skid steer was acquired to ferry material to the excavator.



Several issues arose once feeding began that affected gold recovery, this included:

- Amount of water
- Angle and stability of runs
- Length of runs
- Spacing on riffles used
- Quality of water
- Feed rate to hopper and drum

Each issue had to be accounted for and took considerable time and effort to mitigate. Due to the pumps having to work against the height of the bench the usual water flow was restricted reducing the amount



of hose and the addition of a second 2" pump helped to achieve the proper water volume and flow. Angle of the runs had to be adjusted accordingly with water volume. The standard setup of the sluice had one set of 8 ft runs by 2.5 ft hung by chains and proved very unstable, this was improved by mounting logs and then backfilling the run with tailings. Due to the large amount of black sands a second 8 ft x 2.5 ft run was added. It was also observed that the riffles used consisted of 1" angle iron with 2" spacing, generally 1:1 is best; this entailed cutting and rewelding the riffles. Feed rates played a large influence in the recovery, if fed too fast the material would build up and slump through the drum and cover all the riffles and expanded metal with layer of mud. This resulted in slower feed rates initially, but with improvements to the main spray bar in the hopper, the feed rate could be increased again. Lastly water quality, this became an issue after several days of running material since water was recycled. This was mediated by tying a float to the suction hose

and putting stakes into the ditch to prevent any floating organic matter to reach the suction pit. The other prominent issue was freezing conditions during the nights and mornings, this meant everything needed to be drained daily. One frozen hose would take hours to work the ice out.

Following the bulk sample the bench and pits were backfilled, graded and reclaimed. All equipment and gear was then removed from the site. All concentrate from the bulk sample was processed with a high banker; however, due to the large quantities of black sand a second 'Le Trap' sluice fitted with a large magnet was also used. Before using the second sluice a 4 and 8 mesh screen was used to screen down material. Afterwards material was dried, magnetically separated, screened again through a series of finer classifiers (0.371 inches to 0.0165 inches, or screen size 8 to 40). The remaining very fine material was then panned incrementally, all screen sizes contained gold.

Results

Results from the 100-yard bulk sample returned 2.953 oz of gold or an average grade of 0.92 grams per yard. Due to cold weather, short days and the trommel used only the bulk sample portion of the program could be completed. The trommel required cognisant adjustments during the duration of the tests to improve recovery. Based on a test of the tailings much gold was lost; a single 5-gallon bucket of tailings produced nearly a gram of gold. However, despite less than ideal weather conditions and primary processing equipment the results are very encouraging. The material still yielded an average of 0.92 grams per yard or \$51.67 per yard (at 56.16 dollars per gram Canadian).



Based on the abundant concentrate that was produced from the bulk sample and the observation of minute platinum and awaruite grains in concentrate; a sample of the concentrate was submitted to Bureau Veritas, also analysed with a portable XRF and another was sent to Overburden Drilling Management for additional analytical testing. Results from Bureau Veritas of the fine to coarse magnetic portion returned elevated Au (37.1 g/t), Ag (4606 ppb), Mo (14.89), Ni (431.3 ppm), Co (72.4 ppm), Cr (945.1 ppm), V (714 ppm), Pd (14ppb) and Pt (242 ppb). The full assay results are tabulated below.

Bureau Veritas Commodities Canada Ltd.		Final Report																			
Job Number:	WHI18001162	Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	
Project:	Hidden Gold Project	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		Unit	KG	PPM	PPM	PPM	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1
Sample	Description	Type																			
W495993	fine to coarse grained magnetic concentrate	Silt	0.94	14.89	76.62	29.74	78	4606	431.3	72.4	1159	>40.00	9.1	2.3	16846.9	5	11.3	0.18	1.04	0.26	714

AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	FA350	FA350	FA350	FA550
Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Au	Pt	Pd	Au
%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPB	PPB	PPB	GM/T
0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	3	2	0.9
0.41	0.055	14.3	945.1	1.44	289.4	0.125	3	0.28	0.009	0.02	8.6	2.6	0.09	0.07	4204	0.2	<0.02	11.3	>10000	242	14	37.1

The analytical test was conducted by Bureau Veritas Commodities Canada Ltd. in Vancouver, BC, which is ISO accredited. Samples are crushed to 70% less than 2 millimetres, and a 250-gram sample is split with a riffle splitter. The split is pulverized to 85 per cent less than 75 microns, and 30 gram charges go through a multi-element assay with ICP-MS finish. Au, Pt and Pd were also determined by fire assay with ICP-MS finish. Samples with gold, silver, copper, lead, or zinc exceeding the upper detection level are reanalyzed with ore grade determinations that are deemed most appropriate by the lab. Rigorous procedures are in place regarding sample collection, chain of custody and data entry. Certified assay standards, duplicate samples and blanks are routinely inserted into the sample stream to ensure integrity of the assay process.

Results from Over Burden Drilling Management are still pending. The XRF results are tabulated below. Elements that were below level of detection are not included. The XRF consisted of a portable Niton XL3T. The XRF was used on each sample 3 times for over one minute and on different locations on each sample. Since the XRF has a narrow port that emits and detects x-rays, it is necessary to take multiple readings to ensure a more unbiased result.

SAMPLE	Duration	Units	INSPECTOR	Mo	Zr	Sr	Th	Pb	Zn	Ni	Fe	Mn	Cr	V	Ti	Ca	K
W495992A	68.89	ppm	NG	27.31	206.05	23.42	57.94	45.96	582.19	427.14	1198867.63	6755.62	1064.62	317.96	3280.87	668.92	551.57
W495992B	102.44	ppm	NG	<LOD	254.14	31.51	60.15	41.45	609.4	510.86	1225645.38	5978.52	1247.82	308.1	2287.87	1271.51	579.1
W495992C	93.38	ppm	NG	<LOD	276.34	16.85	<LOD	68.12	583.37	1177.44	1001897.44	6954.76	1781.28	243.65	2051.46	885.28	333.16
W495993A	91.16	ppm	NG	<LOD	217.67	64.86	<LOD	38.98	526.35	985.7	878266.38	6362.71	1652.19	94.1	1252.93	1745.22	483.79
W495993B	66.78	ppm	NG	19.06	181.39	17.77	37.65	29.97	553.06	1129.42	902714.69	5219.77	1315.25	266.13	2453.74	931.15	530.98
W495993C	76.61	ppm	NG	<LOD	1236.41	57.29	30.59	44.31	545.93	<LOD	1004138.69	5652.55	939.28	284.9	4007.12	1386.91	551.9

The right-limit north side bench that was explored for the 2018 bulk sample lays approximately 5-7 m above the creek level and is approximately 65 m by 20 m in dimensions. Overburden consisted of 0.25 m of loam and approximately 10cm of organics on the upstream side and increased slightly to the downstream side where sandy material up to 1.5 m thick underlay the loam and overlaid the gravels. A false bedrock layer consisting of angular semi consolidated conglomerate made up of serpentinite, magnesite and peridotite clasts cemented by calcite outcrops on the upstream part of the bench. Approximately in the middle of the bench the bedrock becomes a deeply weathered serpentinite. There is a ledge where the bedrock changes and again ¼ of the bench down towards the downstream side.



Bedrock has a slight slope down towards the center of the valley. Overburden is thin from the outcrop and deepens with every ledge moving down stream from it. The pay layer therefore ranged from 0.5 meters thick to 2 meters thick. Material ranged from gravels to cobbles to boulders >1.5m across packed with a clayey sand. Clasts consisted of ultramafics, mafics, limestone, quartz diorite, listwanite altered material and quartz veining. The large boulders suggest, that a very high velocity fluvial flow was deposited on the bench. It was also noted the pay continues

into the hill side to the north where it becomes covered by the till veneer. A glacial outwash likely removed part of the till on the site. The conglomerate is likely old paleo placer that formed before the last glaciation and consists of ultramafic clasts as it is proximal to bedrock; 100m upstream another exposure of the

paleo placer has a much different appearance, grey sandy with more variety of lithic clasts. The conglomerate is restricted to the bottom of the basin. This conglomerate suggests that the drainage has been active for several 100,000 yrs. similar to drainages in the Klondike. Large boulders overlay the conglomerate in both locations.

The gold that was produced was generally coarse and ranged from very angular with quartz attached to very rounded and well traveled. Oxidized gold likely from an old channel was also recovered. Some thin wire gold and very fine flour gold was also produced. The colour of the gold also varied from a dull to deep yellow. Assays will be done in 2019 to determine the purity of the gold in the area. Based on these observations it is likely there are several sources of gold in the area, a proximal and distant bedrock source as well as gold eroded from a paleo channel. The very traveled gold may have been sourced from the till or eroded out of a moraine. The till is largely composed of local clasts from bedrock in the immediate area, specifically limestone, mafic and ultramafic lithologies and lesser quartz diorite.



***Gold from first 15 yards.**

Expenditures

BULK SAMPLE

Labour

Geologist	\$ 9,200.00
Prospector	\$ 700.00
Labourer	\$ 8,525.00
Excavator Operator	\$ 6,650.00

<i>Subtotal</i>	\$ 25,075.00
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Field Expenses	\$10,000.00
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<i>Subtotal</i>	\$ 10,000.00
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Equipment

Quad	\$ 920.00
Quad	\$ 920.00
Truck	\$ 1,150.00
Truck	\$ 1,150.00
Chainsaw	\$ 230.00
Transport Trailer	\$ 368.00
Tub Trailer	\$ 230.00
Tub Trailer	\$ 230.00
Generator	\$ 100.00
4" Pump	\$ 300.00
2" Pump	\$ 200.00
Trommel	\$ 5,000.00
Highbanker	\$ 475.00

Subtotal including GST \$ 576.15	\$ 11,849.15
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Skid Steer, Totaltrac Yukon	\$ 1,092.00
Skid Steer, 536329 Yukon Inc.	\$ 4,095.00
Excavator, Glacier Drilling	\$10,980.71

<i>Subtotal</i>	\$ 16,167.71
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Fuel	\$ 4,995.97
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<i>Subtotal</i>	\$ 4,995.97
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Total Bulk Sample Costs	\$ 68,087.83
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PROCESSING CONCENTRATES

Labour

Prospector	\$ 8,050.00
Geologist	\$ 5,600.00

<i>Subtotal</i>	<i>\$ 13,650.00</i>
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Equipment

Clean Up Sluice & pump	\$ 250.00
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<i>Subtotal</i>	<i>\$ 250.00</i>
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Total Bulk Sample Costs	\$ 13,900.00
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ASSAYS

Bureau Veritas	\$ 83.10
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REPORT WRITING

Higher Ground Exploration S.	\$ 1,500.00
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<i>Subtotal</i>	<i>\$ 1,583.10</i>
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TOTAL EXPLORATION COSTS	\$ 83,570.93
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The total expenditures for the 2018 YMEP exploration program is \$83,570.93. All receipts and invoices can be viewed in Appendix II of this report.

Conclusion and Recommendations

A new placer area is emerging in southwest Yukon. The project covers 5 drainages made up of Judas creek and its tributaries. The Hidden Gold Placer project displays encouraging results and favourable placer mining conditions. Permafrost has yet to be encountered in the project area with minimal overburden (generally 2.5 – 5ft deep). Lack of permafrost and strong ground water table present good seepage and would theoretically allow for zero discharge and minimal draw from the creeks during mining. The well-established access to the area and close proximity to Whitehorse makes the project very feasible.

Based on results from the 2018 exploration program further work is warranted to further evaluate the project through prospecting, drone surveys, drilling, mechanical test pitting and bulk sampling. Areas of focus include the first 5 miles on Faith Creek, the plunge pool on Hope Creek, and 3 miles on Judas Creek to expand on previous testing; prospecting leases should also be tested to determine new outlying potentials. Drone surveys should be flown over the different drainages in the project with high-resolution cameras to identify glacial features and changes in the creek morphology and to serve as a medium in plotting data. A digital DEM can be established from drone surveys and would serve as an accurate surface to use for accurate resource calculations and planning future mining. Test pits should be continued from previous testing and on leases. Furthermore, test pits should be excavated at regular intervals and at favourable sites along all staked drainages. Excavation of pits should place organic material on a specific place, be sampled and then immediately filled in the reverse order to ensure minimal disturbance. Drilling will be done by means of a 6-inch nodwell mounted auger drill following test pitting. This will offer a way to gauge depth to bedrock and provide an inclination to the grade. Since there is no permafrost which would act as a natural casing, holes would need to be cased or another form of drilling would have to be applied such as sonic drilling. Drilling should be carried out on Hope Creek, upper end of Faith and on Judas Creek. Test pits would provide insight into the grades in the upper gravels and depth of overburden; drilling will provide stratigraphy, depth to bedrock with approximate grade. Areas which have already been test pitted and drilled and indicate promising results should be bulk sampled. This will provide a more accurate yardage calculation and thoroughly evaluate the placer potential.

At the end of the season concentrate from selected sites from drilling, test pitting, and bulk sampling should be sent for analytical analysis to determine potential for Ni, PGEs, and other possible bi-products. The compiled data would provide enough information to determine more specific placer history, resource calculations, and provide a map of the subsurface prior to mining.

Statement of Qualifications

I Nicolai Goepfel am a local Yukon prospector/geologist and owner of Higher Ground Exploration Services. I completed a BSc in Earth Sciences at Memorial University in January 2014. I'm born and raised in the Yukon with placer roots in the Freegold Mountain area near Carmacks, Yukon. I have been exposed to placer mining since an infant and have worked in placer exploration for over a decade. This work comprised of projects in Dawson, Carmacks, Atlin, Whitehorse, Mayo, Ruby Range and Kluane areas. The work that I carried out consisted of panning, hand test pitting, shafting, placer drilling and bulk sampling. This experience included planning and managing of placer exploration programs and yardage calculations. I've been involved in geology since 2009 starting with two field seasons with the YGS and have since worked in the mineral exploration industry all across Yukon, BC and in parts of Newfoundland. This work entailed prospecting, bedrock mapping, soil/silt/biochemical sampling, ground VLF/magnetics/EM surveys. This also involved management and planning of numerous green field exploration projects. More recently in 2016 and 2017 I was managing and planning a multi-million-dollar exploration program that encompassed the BC coastal mountains from Bute inlet to Atlin, BC that ground truthed over 300 targets and personally discovered multiple high grade finds including grades up to 36,875 g/t Ag and 92.8 g/t Au from brand new hardrock discoveries.

References

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Appendix I



Figure 1. Location

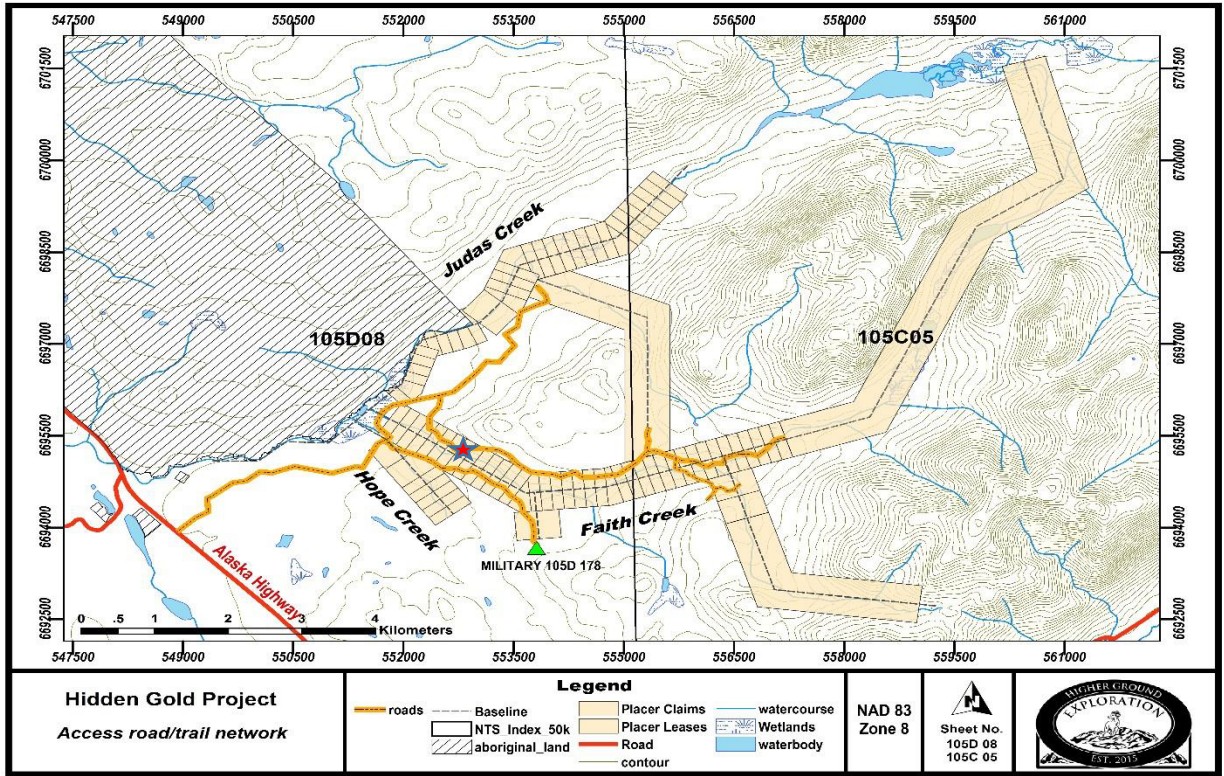


Figure 2. Claim and leases with detailed access, red star indicates bulk sample location

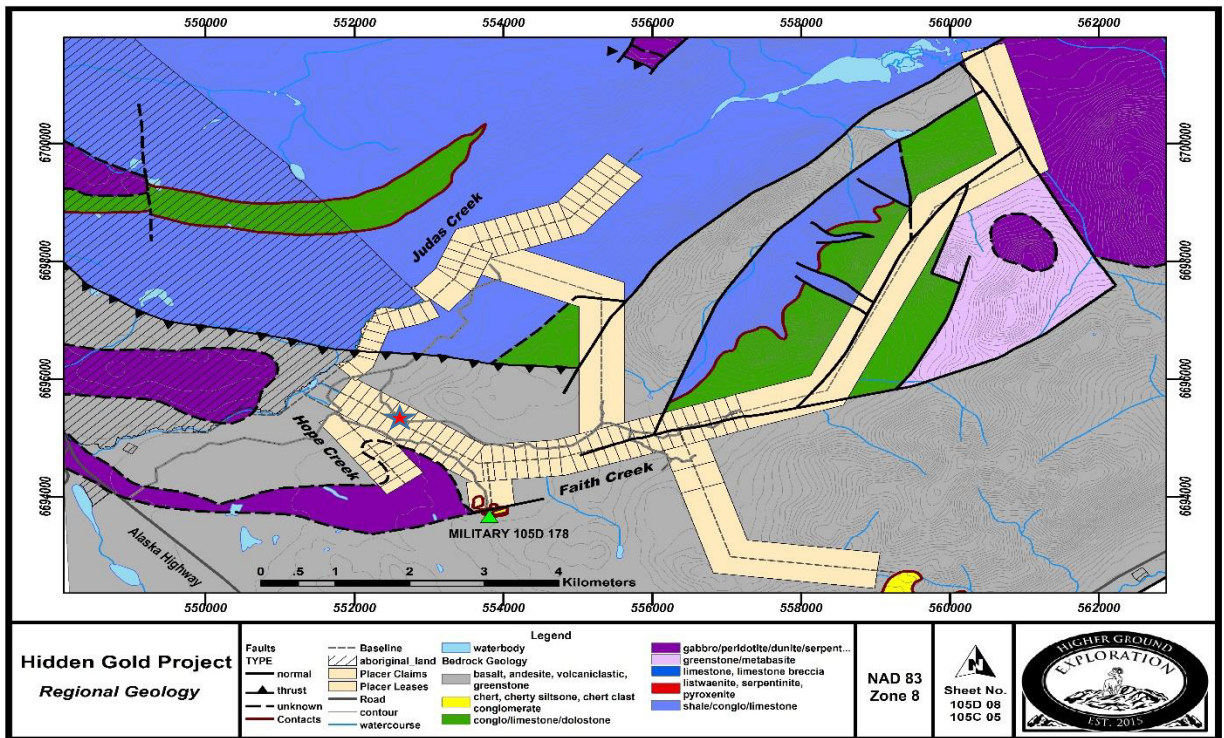


Figure 3. Regional geology, claims and leases

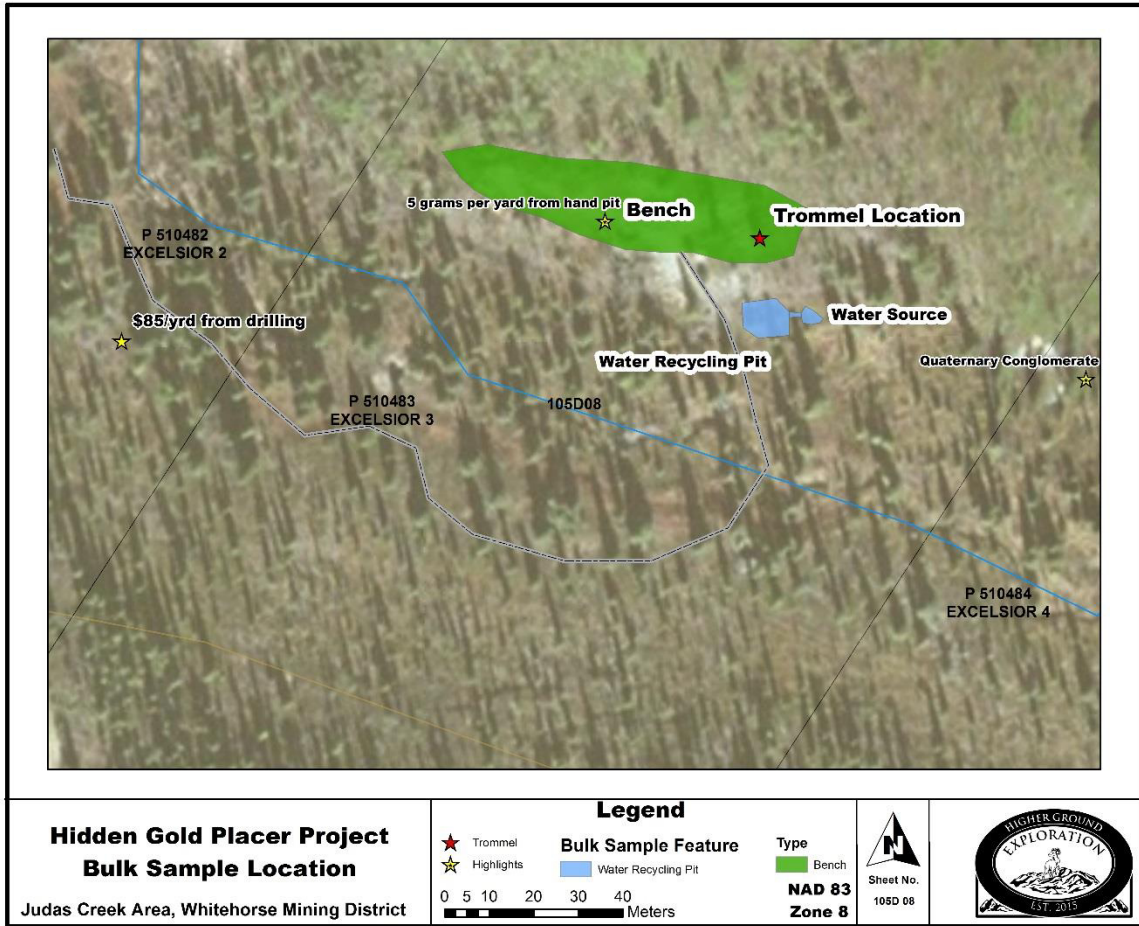


Figure 4. Bulk sample feature locations

Appendix II

Glacier Drilling Ltd.

171 Industrial Road
Whitehorse, Yukon Y1A 5M7

INVOICE

Invoice No.: 5768217
Date: 10/31/2018
Ship Date:
Page: 1
Re: Order No.

Sold to:

Shaman, Alex
97 Wickstrom Road
Whitehorse, Yukon Y1A 6N2

Ship to:

Shaman, Alex
97 Wickstrom Road
Whitehorse, Yukon Y1A 6N2

Business No.: 896076015 RP0001

Quantity	Unit	Description	Tax	Unit Price	Amount
1		Mob 140 excavator	G	300.00	300.00
118	Hours	140 excavator rental	G	80.00	9,440.00
1		Demob 140 excavator	G	300.00	300.00
1		Door glass and installation	G	417.82	417.82
		Subtotal:			10,457.82
		G - GST 5.00%			522.89
		GST			

Glacier Drilling Ltd. GST: #89607-6015

Shipped By:	Tracking Number:	Total Amount	10,980.71
Comment:	2% interest will be charged on balances over 30 days	Amount Paid	0.00
Sold By:		Amount Owng	10,980.71

Totaltrac Yukon (2012) Inc.

91311 B. Alaska Highway
Whitehorse, YT Y1A 6E4
867-667-4400 GST #835774845

Bill To:
ALEX SHAMAN

Rental Invoice

Period Start Date 10/02/2018
Period End Date 10/03/2018
Reservation Number 394

Amount Due \$1,092.00

+

Rental Item	Rate Type	Rental Start	Rental End	Periods	Time	Rate	Length	Total
10818	SVL90 - DAILY	10/02/2018	10/03/2018	2	Daily	\$500.00	0.00	\$1,000.00

Miscellaneous Charges

FUEL CHARGE \$40.00

Unit:
SVL90
S/N
0818
Fuel In/Out:
FULL / .75
Hours In/Out
1495.8 / 1512.1

DRIVER INSTRUCTIONS:

Taxes \$52.00
AMOUNT DUE \$1,092.00

536329 YUKON Inc
 Box 21348
 Whitehorse YT
 VIA GRG

NOTRE NUMÉRO / OUR NUMBER	496378
DATE	Sept 23, 2018
COMMANDE DU CLIENT / CUSTOMER'S ORDER	

VENDEUR À / SOLD TO	536005 Yukon Inc
ADRESSE / ADDRESS	97 Wickstrom Rd Whitehorse, YT VIA GN2

LIVRÉ À / SHIP TO	
ADRESSE / ADDRESS	

N° D'ENR. DE TAXE TAX REG. NO. 756706289 RT0000	VENDEUR SALESPERSON
--	------------------------

FAB FOB	CONDITIONS TERMS	VIA
------------	---------------------	-----

QUANTITÉ QUANTITY	DESCRIPTION	PRIX PRICE	MONTANT AMOUNT
40 hrs	Provide skidsteer/operator for exploration support	80 00	3200 00
2 days	skidsteer Rental	350 00	700 00
			\$ 3900 00
		GST	\$ 195 00
		TOTAL	\$ 4095 00

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9026
Trans: Pre-Auth
Completion
*****0633

*** C
VISA CREDIT
AID: A0000000031010
Seq#: 178001001007
Terminal ID: JCYEPC02
Auth No: 070294
ACI/ISO: 001/00
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Time: 1:39:02 PM
TVR 0080008000
TSI F800
APPROVED
Pump #: 2-Diesel
Vol: 28.607 L
Price/L: \$1.414
Net Amt: \$40.45
Date: 09/18/18
Time: 1:41:01 PM
Fuel Includes:
GST(5%): \$1.93
Total: \$1.93

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9593
Trans: Pre-Auth
Completion
*****0633

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TSI F800
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Vol: 47.885 L
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Net Amt: \$70.77
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Time: 5:43:45 PM
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Total: \$3.37

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9078
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Completion
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TSI F800
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Total: \$1.76

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 8939
Trans: Pre-Auth
Completion
*****7748

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Fuel Includes:
GST(5%): \$4.08
Total: \$4.08

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 8818
Trans: Pre-Auth
Completion
*****8690

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Fuel Includes:
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Total: \$2.87

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9699
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Completion
*****8690

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THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9025
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Completion
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Fuel Includes:
GST(5%): \$7.14
Total: \$7.14

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9634
Trans: Pre-Auth
Completion
*****0633

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Net Amt: \$149.31
Date: 09/30/18
Time: 3:04:53 PM
Fuel Includes:
GST(5%): \$7.11
Total: \$7.11

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9659
Trans: Pre-Auth
Completion
*****0633

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Auth No: 069597
ACI/ISO: 001/00
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Time: 7:52:32 PM
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TSI F800
APPROVED
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Vol: 106.082 L
Price/L: \$1.414
Net Amt: \$150.00
Date: 09/30/18
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Fuel Includes:
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Total: \$7.14

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

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Time: 4:07:08 PM
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Total: \$2.82

THANK YOU
GST: 837187582

Fuel Yukon
Mile 866, Alaska Hwy
Jakes Corner, Yukon
YIA 4SB
Tel: 867-633-3322

Inv#: 9660
Trans: Pre-Auth
Completion
*****0633

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TSI F800
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Vol: 44.230 L
Price/L: \$1.478
Net Amt: \$65.37
Date: 09/30/18
Time: 7:55:55 PM
Fuel Includes:
GST(5%): \$3.11
Total: \$3.11

THANK YOU
GST: 837187582

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-09-11 9:50 PM 000001-283800
WS01 GAGAN

GAS 26.49
1.000 @ \$27.310 27.31
3% Gas Discount -0.82
GAS 100.14
1.000 @ \$103.240 103.24
3% Gas Discount -3.10

Total 126.63
Credit Card 126.63

*****8690
VISA Sale
Approved 087805

TRANSACTION RECORD

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4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

2018-09-11 21:50:00 10000283800
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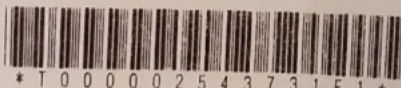
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TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-09-15 11:49 AM 000001-285699
WS01 RAMAN

GAS 98.90
1.000 @ \$101.960 101.96
3% Gas Discount -3.06

Total 98.90
Credit Card 98.90

*****7748
VISA Sale
Approved 071494

TRANSACTION RECORD

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4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

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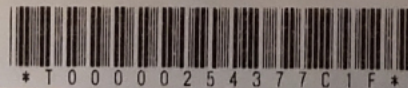
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TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-09-16 10:38 AM 000001-286167
WS01 RAMAN

GAS 57.12
1.000 @ \$58.890 58.89
3% Gas Discount -1.77

Total 57.12
Credit Card 57.12

*****0633
VISA Sale
Approved 049073

TRANSACTION RECORD

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

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ACCOUNT VISA

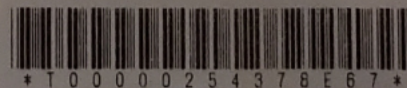
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* T 0 0 0 0 0 2 5 4 3 7 8 E 6 7 *

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-09-20 11:08 AM 000001-287823
WS01 GAB

GAS 229.86
1.000 @ \$236.970 236.97
3% Gas Discount -7.11

GAS 68.79
1.000 @ \$70.920 70.92
3% Gas Discount -2.13

Total 298.65
Credit Card 298.65

*****0633
VISA Sale
Approved 053058

TRANSACTION RECORD

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4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

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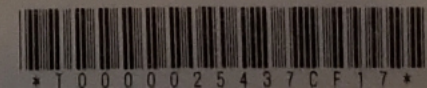
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01 APPROVED - THANK YOU 027

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PLEASE VISIT US AGAIN SOON



* T 0 0 0 0 0 2 5 4 3 7 C F 1 7 *

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-09-28 10:40 AM WS01	000001-291994 GAB
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3% Gas Discount	-1.08
GAS	305.62
1.000 @ \$315.070	315.07
3% Gas Discount	-9.45

Total	340.40
Credit Card	340.40
*****0633	
VISA Sale	
Approved 011602	

TRANSACTION RECORD

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4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

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EMV AID	A0000000031010
TVR	0090008000
TSI	F800

TYPE	PURCHASE
ACCOUNT	VISA

AMOUNT \$340.40

01 APPROVED - THANK YOU 027

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PLEASE VISIT US AGAIN SOON

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-10-01 12:26 PM WS02	000002-107049 RISHAB
GAS	223.44
1.000 @ \$230.350	230.35
3% Gas Discount	-6.91

Total	223.44
Credit Card	223.44
*****0633	
VISA Sale	
Approved 082392	

TRANSACTION RECORD

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

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AUTH. #	082392
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EMV AID	A0000000031010
TVR	0080008000
TSI	F800

TYPE	PURCHASE
ACCOUNT	VISA

AMOUNT \$223.44

01 APPROVED - THANK YOU 027

IMPORTANT
retain this copy for your records

CUSTOMER COPY

PLEASE VISIT US AGAIN SOON

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-10-03 9:23 AM WS01	000001-294457 GAB
GAS	303.88
1.000 @ \$313.280	313.28
3% Gas Discount	-9.40

Total	303.88
Credit Card	303.88
*****1935	
VISA Sale	
Approved 004223	

TRANSACTION RECORD

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

2018-10-03 09:23:47	10000294457
CARD #	XXXXXXXXXXXX1935
REF. #	66268224 0017420180 C
AUTH. #	004223
EMV APP	VISA
EMV AID	A0000000031010
TVR	0080008000
TSI	F800

TYPE	PURCHASE
ACCOUNT	VISA

AMOUNT \$303.88

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TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203
GST REG:# R106176944

WE ARE OPEN 24 HOURS!

2018-10-03 9:57 AM WS02	000002-107475 VASU
GAS	60.64
1.000 @ \$62.520	62.52
3% Gas Discount	-1.88

Total	60.64
Credit Card	60.64
*****0633	
VISA Sale	
Approved 025213	

TRANSACTION RECORD

TAGS FOOD & GAS
4221 4TH AVENUE,
WHITEHORSE YK Y1A 1K2
867-667-2203

2018-10-03 09:57:50	20000107475
CARD #	XXXXXXXXXXXX0633
REF. #	66268223 0017140050 H
AUTH. #	025213
EMV APP	VISA CREDIT
EMV AID	A0000000031010
TVR	0000000000

TYPE	PURCHASE
ACCOUNT	VISA

AMOUNT \$60.64

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TRANSACTION RECORD

MOBIL

@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

DATE: 2018-09-24 TIME: 10:38:44

Paypoint: 01K TRANS #: 032028
Station#: 00324242 Cashier: 173006
GST: R733514327

** PREAUTH RECEIPT ONLY **

FUEL (L) (\$/L) (\$)
Pump 7 PREPAID
DIESEL 73.583 1.359 100.00

TOTAL CAD \$ 100.00

CREDIT CARD \$ 100.00

* GST INCLUDED IN FUEL \$ 4.76

PURCHASE
VISA C *****0633

INVOICE NO: YAA00929
AUTH #: 052864-F

VISA CREDIT
A000000031010
0080008000
F800

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Reconciliation ID: YAA018092410381753

You could have earned 2,555 PC Optimum points today. Download the PC Optimum app or pick up your free card in-store to get started.

PC Financial points awarded within 72hrs and are not printed on receipt. PC Optimum Inquiries: 1-866-727-6468 Imperial Inquiries: 1-800-567-3776

G - GST @ 5.0000%

TRANSACTION RECORD

MOBIL

@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

DATE: 2018-09-24 TIME: 10:30:40

Paypoint: 01K TRANS #: 032019
Station#: 00324242 Cashier: 173006
GST: R733514327

** PREAUTH RECEIPT ONLY **

FUEL (L) (\$/L) (\$)
Pump 7 PREPAID
DIESEL 147.167 1.359 200.00

TOTAL CAD \$ 200.00

CREDIT CARD \$ 200.00

* GST INCLUDED IN FUEL \$ 9.52

PURCHASE

VISA C *****0633
INVOICE NO: YAA00914
AUTH #: 011478-F

VISA CREDIT
A000000031010
0080008000
F800

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Reconciliation ID: YAA018092410301861

You could have earned 5,145 PC Optimum points today. Download the PC Optimum app or pick up your free card in-store to get started.

PC Financial points awarded within 72hrs and are not printed on receipt. PC Optimum Inquiries: 1-866-727-6468 Imperial Inquiries: 1-800-567-3776

G - GST @ 5.0000%

TRANSACTION RECORD

PETRO-CANADA
4211-4TH AVENUE
WHITEHORSE
Yukon Y1A 1K2

GST: 838442929 (867) 667-4366
2018-09-14 PC0718786:6812301 13:16
TERMINAL: 116812301 OPER: A
PAYPOINT: 116812301

FUEL (L) (\$/L) (\$)
Pump 4
Regular 41.892 1.449 60.70*

PRODUCT QTY PRICE AMOUNT
PEPPERONI SLICE 1 2.99 2.99*
GST 0.15

Total Owed 63.84

TOTAL PAID
DEBIT CARD \$ 63.84

*TAXES INCL. #TAXES EXCL.

GST TOTAL \$ 3.04

DEBIT *****3448 H

REF 477578
AUTHORIZATION 004298
Purchase
S/N 45002814
ACCT: DEFAULT
FLASH

INTERAC
A0000002771010
8000008000

NO SIGNATURE TRANSACTION

00 APPROVED - THANK YOU

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Learn how to
save 3 cents/L
every day at
Petro-Canada.ca/RBC

Survey! Earn Points
& chance to win gas
petro-canada.ca/hero
1-800-668-0220

TRANSACTION RECORD

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

DATE: 2018-09-22 TIME: 08:56:31

Paypoint: 01K TRANS #: 030264
Station#: 00324242 Cashier: 173006
GST: R733514327

** PREAUTH RECEIPT ONLY **

FUEL	(L)	(\$/L)	(\$)
Pump 8 PREPAID			
DIESEL	73.583	1.359	100.00
TOTAL CAD		\$	100.00
CREDIT CARD		\$	100.00

* GST INCLUDED IN FUEL \$ 4.76

PURCHASE

VISA C *****0633
INVOICE NO: YAA07013
AUTH #: 090030-F

VISA CREDIT
A0000000031010
0080008000
F800

01 Approved - Thank You 027

-- IMPORTANT --

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- Customer's Copy -

Reconciliation ID: YAA018092208560301

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PC Financial points awarded within 72hrs and are not printed on receipt. PC Optimum Inquiries: 1-866-727-6468 Imperial Inquiries: 1-800-567-3776

G - GST @ 5.0000%

TRANSACTION RECORD

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

DATE: 2018-09-22 TIME: 09:03:38

Paypoint: 01K TRANS #: 030291
Station#: 00324242 Cashier: 173006
GST: R733514327

** PREAUTH RECEIPT ONLY **

FUEL	(L)	(\$/L)	(\$)
Pump 8 PREPAID			
DIESEL	73.583	1.359	100.00
TOTAL CAD		\$	100.00
CREDIT CARD		\$	100.00

* GST INCLUDED IN FUEL \$ 4.76

PURCHASE

VISA C *****0633
INVOICE NO: YAA07024
AUTH #: 002196-F

VISA CREDIT
A0000000031010
0080008000
F800

01 Approved - Thank You 027

-- IMPORTANT --

Retain This Copy For Your Records

- Customer's Copy -

Reconciliation ID: YAA018092209031684

You could have earned 2,555 PC Optimum points today. Download the PC Optimum app or pick up your free card in-store to get started.

PC Financial points awarded within 72hrs and are not printed on receipt. PC Optimum Inquiries: 1-866-727-6468 Imperial Inquiries: 1-800-567-3776

G - GST @ 5.0000%

TRANSACTION RECORD

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

DATE: 2018-09-22 TIME: 09:16:22

Paypoint: 01K TRANS #: 030302
Station#: 00324242 Cashier: 173006
GST: R733514327

FUEL	(L)	(\$/L)	(\$)
Pump 1			
EREG	49.130	1.449	71.19
TOTAL CAD		\$	71.19
CREDIT CARD		\$	71.19

* GST INCLUDED IN FUEL \$ 3.39

PURCHASE

VISA H *****0633
INVOICE NO: YAA07047
AUTH #: 087591-F

VISA CREDIT
A0000000031010

01 Approved - Thank You 027

NO SIGNATURE TRANSACTION

-- IMPORTANT --

Retain This Copy For Your Records

- Customer's Copy -

Reconciliation ID: YAA018092209161534

You could have earned 1,715 PC Optimum points today. Download the PC Optimum app or pick up your free card in-store to get started.

PC Financial points awarded within 72hrs and are not printed on receipt. PC Optimum Inquiries: 1-866-727-6468 Imperial Inquiries: 1-800-567-3776

G - GST @ 5.0000%

TRANSACTION RECORD

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

DATE: 2018-09-24 TIME: 10:49:45

Paypoint: 01K TRANS #: 032038
Station#: 00324242 Cashier: 173006
GST: R733514327

FUEL	(L)	(\$/L)	(\$)
Pump 1			
EREG	41.420	1.449	60.02
TOTAL CAD		\$	60.02
CREDIT CARD		\$	60.02

* GST INCLUDED IN FUEL \$ 2.86

PURCHASE

VISA H *****0633
INVOICE NO: YAA00954
AUTH #: 083200-F

VISA CREDIT
A0000000031010

01 Approved - Thank You 027

NO SIGNATURE TRANSACTION

-- IMPORTANT --

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- Customer's Copy -

Reconciliation ID: YAA018092410493627

You could have earned 1,435 PC Optimum points today. Download the PC Optimum app or pick up your free card in-store to get started.

PC Financial points awarded within 72hrs and are not printed on receipt. PC Optimum Inquiries: 1-866-727-6468 Imperial Inquiries: 1-800-567-3776

G - GST @ 5.0000%

TRANSACTION RECORD
RELEVE DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-26 09:41:43

TRANS #: 033702
Station#: 00324242
GST #: R733514327

PUMP 8
EREG \$ 34.64
23.905L AT \$1.449/L

GST INCLUDED \$ 1.65

TOTAL \$ 34.64

Type: PURCHASE
VISA

T *****0633
INVOICE NO: YAAB4675
AUTH: 010021-E

TRANSACTION RECORD
RELEVE DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

TRANSACTION RECORD

MOBIL

2018-10-06 13:10:18

TRANS #: 043345
Station#: 00324242
GST #: R733514327

PUMP 8
DIESEL \$ 99.57
73.268L AT \$1.359/L

GST INCLUDED \$ 4.74

TOTAL \$ 99.57

Type: PURCHASE
VISA

PETRO-CANADA
91007 ALASKA HWY
WHITEHORSE
YUKON Y1A 5S8
(867) 668-2257

GST 0106114259
PC0292104:6806102
TERMINAL: 116806158
PAYPOINT: 116806102

2018-09-15 10:29

PUMP 08
DIESEL
LITRES L 61.878
PRICE/L \$ 1.449
FUEL SALES \$ 89.66*

TOTAL OWED \$ 89.66

TOTAL PAID
CREDIT CARD \$ 89.66

* GST INCL. \$ 4.27

VISA
*****8690 C
AUTH 087727
PURCHASE
C 0010010010 00 027

TRANSACTION RECORD
RELEVE DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-25 08:54:55

TRANS #: 032812
Station#: 00324242
GST #: R733514327

PUMP 7
DIESEL \$ 89.52
65.872L AT \$1.359/L

GST INCLUDED \$ 4.26

TOTAL \$ 89.52

Type: PURCHASE
VISA

T *****0633
INVOICE NO: YAAA2701
AUTH: 060139-F

TRANSACTION RECORD
RELEVE DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-25 08:53:49

TRANS #: 032813
Station#: 00324242
GST #: R733514327

PUMP 6
EREG \$ 35.58
24.554L AT \$1.449/L

GST INCLUDED \$ 1.69

TOTAL \$ 35.58

Type: PURCHASE
VISA

T *****0633
INVOICE NO: YAA92699

TRANSACTION RECORD
RELEVE DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-10-01 18:21:56

TRANS #: 039058
Station#: 00324242
GST #: R733514327

PUMP 7
EREG \$ 71.68
49.466L AT \$1.449/L

GST INCLUDED \$ 3.41
TOTAL : CAD\$ 71.68

Type: PURCHASE
VISA

C *****7748
INVOICE NO: YAAA6574
AUTH: 084617-F

TRANSACTION RECORD
RELEVE DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-24 10:36:02

TRANS #: 032024
Station#: 00324242
GST #: R733514327

** FINAL RECEIPT **
PUMP 7
DIESEL \$200.00
147.167L AT \$1.359/L

GST INCLUDED \$ 9.52
TOTAL : CAD\$200.00
VISA \$200.00

Type: PURCHASE
VISA

TRANSACTION RECORD
RELEVE DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-22 14:39:06

TRANS #: 030742
Station#: 00324242
GST #: R733514327

PUMP 6
EREG \$ 71.99
49.680L AT \$1.449/L

GST INCLUDED \$ 3.43

TOTAL \$ 71.99

Type: PURCHASE
VISA

TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-26 21:40:31

TRANS #: 034553
Station#: 00324242
GST #: R733514327

PUMP 8
EREG \$ 72.16
49.799L AT \$1.449/L

GST INCLUDED \$ 3.44

TOTAL \$ 72.16

Type: PURCHASE
VISA
T *****0633
INVOICE NO: YAAB6595
AUTH: 05E001 F

TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-26 09:39:53

TRANS #: 033699
Station#: 00324242
GST #: R733514327

PUMP 8
DIESEL \$ 63.99
47.086L AT \$1.359/L

GST INCLUDED \$ 3.05

TOTAL \$ 63.99

Type: PURCHASE
VISA
T *****0633
INVOICE NO: YAAB4671

TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-22 09:00:31

TRANS #: 030285
Station#: 00324242
GST #: R733514327

** FINAL RECEIPT **
PUMP 8
DIESEL \$100.00
73.584L AT \$1.359/L

GST INCLUDED \$ 4.76
TOTAL : CAD\$100.00
VISA \$100.00

Type: PURCHASE
VISA
C *****0633

TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-17 11:02:25

TRANS #: 025475
Station#: 00324242
GST #: R733514327

PUMP 8
DIESEL \$100.00
73.584L AT \$1.359/L

GST INCLUDED \$ 4.76

TOTAL \$100.00

Type: PURCHASE
VISA
T *****0633
INVOICE NO: YAAB6404

TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-21 08:07:51

TRANS #: 029157
Station#: 00324242
GST #: R733514327

PUMP 8
DIESEL \$ 99.47
73.195L AT \$1.359/L

GST INCLUDED \$ 4.74

TOTAL \$ 99.47

Type: PURCHASE
VISA
T *****0633
INVOICE NO: YAAB4511
AUTH: 028493-F

01 Approved - Thank You 027

Loyalty: NO

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TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-21 08:03:57

TRANS #: 029154
Station#: 00324242
GST #: R733514327

PUMP 8
DIESEL \$100.00
73.584L AT \$1.359/L

GST INCLUDED \$ 4.76

TOTAL \$100.00

Type: PURCHASE
VISA
T *****0633
INVOICE NO: YAAB4502
AUTH: 008337-F

01 Approved - Thank You 027

Loyalty: NO

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TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-14 14:08:07

TRANS #: 022881
Station#: 00324242
GST #: R733514327

PUMP 8
DIESEL \$112.22
82.577L AT \$1.359/L

GST INCLUDED \$ 5.34
TOTAL : CAD\$112.22

Type: PURCHASE
VISA
C *****8690
INVOICE NO: YAAB0491
AUTH: 060259-F

VISA
A0000000031010
0080008000
F800

01 Approved - Thank You 027

VERIFIED BY PIN

Loyalty: NO

TRANSACTION RECORD
RELEVÉ DE
TRANSACTION

MOBIL
@ #1730
2226 - 2ND AVENUE
WHITEHORSE, NT Y1A 1C8

2018-09-22 08:50:11

TRANS #: 030275
Station#: 00324242
GST #: R733514327

PUMP 7
PURCHASE \$ 100.00

VISA

C *****0633
INVOICE NO: YAAB6997
AUTH #: NOAUTH

VISA CREDIT
A0000000031010
0080008000
E800

TRANSACTION NOT COMPLETED

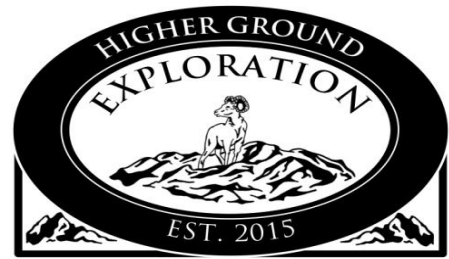
Reconciliation ID:
YAAB18092208500376

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Higher Ground Exploration Services

609 Drury Street
Whitehorse, YT Y1A 1T6

Phone (867) 336-1498
highergroundexploration@outlook.com



Invoice

BILL TO:

536005 Yukon Inc.
97 Wickstrom Road
Whitehorse, YT, Y1A 6N2

TAX No. 784 848 095 RT 000 1

DATE: November 15, 2018
INVOICE # 1829

Description	Quantity	Rate	Amount
Equipment			
Quad	23	\$ 40.00	\$ 920.00
Quad	23	\$ 40.00	\$ 920.00
Truck	23	\$ 50.00	\$ 1,150.00
Truck	23	\$ 50.00	\$ 1,150.00
Chainsaw	23	\$ 10.00	\$ 230.00
Transport Trailer	23	\$ 16.00	\$ 368.00
Tub Trailer	23	\$ 10.00	\$ 230.00
Tub Trailer	23	\$ 10.00	\$ 230.00
Generator	10	\$ 10.00	\$ 100.00
4" Pump	20	\$ 15.00	\$ 300.00
2" Pump	20	\$ 10.00	\$ 200.00
Trommel	20	\$ 250.00	\$ 5,000.00
Highbanker	19	\$ 25.00	\$ 475.00
Clean Up Sluice & pump	10	\$ 25.00	\$ 250.00

SUBTOTAL	\$	11,523.00
GST 5%	\$	576.15
TOTAL	\$	12,099.15



**BUREAU
VERITAS**

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT
QST # 1219972641

MINERALS

Bill To: Bill Harris

CANADA

Invoice Date: January 2, 2019
Invoice Number: **VANI320051**
Submitted by: Bill Harris
Email: bill@yukonbill.ca
Job Number: WHI18001162
PO Number:
Project Code: Thibert Fan
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	PRP70-500	Crush and Pulverize 500 g	4	\$8.65	\$34.60
2	PRP70-500	Overweight prep charges per 100g	11	\$0.07	\$0.77
3	AQ252	30g Basic Suite (37 elements)	4	\$28.10	\$112.40
4	FA350	50g Fire Assay Au Pt Pd, ICP finish	4	\$21.05	\$84.20
5	EN002	Lead waste disposal fee	7	\$0.50	\$3.50
6	DISPL	Disposal of pulps	4	\$0.15	\$0.60
7	DISRJ	Disposal of rejects	4	\$0.70	\$2.80
8	SHP-01	Per sample charge for branch shipment	4	\$2.10	\$8.40
9	FA550	Au and/or Ag by 50g Fire Assay Grav	3	\$23.10	\$69.30
Net Total					\$316.57
GST					\$15.83
Grand Total				CAD	\$332.40

Invoice Stated In Canadian Dollars

Payment Terms:

Prepayment required subject to confirmation of credit. Please contact bvmininfo@bureauveritas.com

For **cheque payments**, please remit payable to:
Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver BC, V6P 6E5

Please specify invoice number on cheque remittance.

For electronic payments or any enquiries, please contact acct.receivable@ca.bureauveritas.com.



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Bill Harris**
Canada

Submitted By: Bill Harris
Receiving Lab: Canada-Whitehorse
Received: December 10, 2018
Report Date: January 07, 2019
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI18001162.1

CLIENT JOB INFORMATION

Project: Thibert Fan
Shipment ID:
P.O. Number
Number of Samples: 4

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **Bill Harris**

Canada

CC: Nicolai Goepfel

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-500	4	Crush, split and pulverize 500g rock to 200 mesh			WHI
AQ252	4	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
FA350	4	50g lead collection fire assay analysis by ICP	50	Completed	VAN
EN002	4	Environmental disposal charge-Fire assay lead waste			VAN
SHP01	4	Per sample shipping charges for branch shipments			VAN
FA550	3	Lead collection fire assay 50G fusion - Grav finish	50	Completed	VAN

ADDITIONAL COMMENTS


JEFFREY CANNON
Geochemistry Department Supervisor

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



BUREAU MINERAL LABORATORIES
VERITAS Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada

PHONE (604) 253-3158

Client: **Bill Harris**
Canada

Project: Thibert Fan
Report Date: January 07, 2019

Page: 2 of 2

Part: 1 of 3

CERTIFICATE OF ANALYSIS

WHI18001162.1

Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01	
Y546235	Silt	1.90	51.59	155.35	5.87	28.6	1206	216.1	38.5	647	39.47	18.4	0.6	10188.5	0.2	5.5	0.14	1.42	1.28	285	0.15
Y546236	Silt	0.50	2.70	61.11	130.70	141.7	36803	58.8	24.2	680	6.44	748.6	2.2	>100000	14.5	24.6	0.51	40.29	2.87	63	0.31
Y546237	Silt	1.13	2.43	3772.26	2369.31	106.9	69491	77.3	23.1	569	12.46	417.2	1.3	>100000	4.4	25.7	0.33	127.58	18.36	89	0.48
W495993	Silt	0.94	14.89	76.62	29.74	78.0	4606	431.3	72.4	1159	>40	9.1	2.3	16846.9	5.0	11.3	0.18	1.04	0.26	714	0.41



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CERTIFICATE OF ANALYSIS

WHI18001162.1

Method	Analyte	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	FA350	FA350
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppb	ppb
MDL		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	3
Y546235	Silt	0.012	1.6	238.8	0.46	61.2	0.066	4	0.16	0.006	0.02	30.8	1.8	0.03	0.03	47	0.2	0.16	8.9	9282	3297
Y546236	Silt	0.050	96.9	40.7	0.30	91.5	0.046	<1	0.89	0.023	0.19	>100	1.9	0.25	1.49	*	0.8	1.53	3.3	>10000	>10000
Y546237	Silt	0.049	9.8	49.6	0.61	42.8	0.057	4	0.94	0.028	0.15	>100	2.3	0.36	2.42	*	<0.1	5.56	3.5	>10000	17
W495993	Silt	0.055	14.3	945.1	1.44	289.4	0.125	3	0.28	0.009	0.02	8.6	2.6	0.09	0.07	4204	0.2	<0.02	11.3	>10000	242



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CERTIFICATE OF ANALYSIS

WHI18001162.1

	Method	FA350 FA550	
		Pd	Au
Analyte		ppb	gm/t
Unit			
MDL		2	0.9
Y546235	Silt	28	
Y546236	Silt	149	200.0
Y546237	Silt	10	287.1
W495993	Silt	14	37.1



QUALITY CONTROL REPORT

WHI18001162.1

Method	WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
Pulp Duplicates																				
Y546236	Silt	0.50	2.70	61.11	130.70	141.7	36803	58.8	24.2	680	6.44	748.6	2.2>100000	14.5	24.6	0.51	40.29	2.87	63	0.31
REP Y546236	QC																			
Y546237	Silt	1.13	2.43	3772.26	2369.31	106.9	69491	77.3	23.1	569	12.46	417.2	1.3>100000	4.4	25.7	0.33	127.58	18.36	89	0.48
REP Y546237	QC																			
Reference Materials																				
STD AGPROOF	Standard																			
STD DS11	Standard	15.52	151.16	142.03	353.9	1780	83.2	14.1	1058	3.19	44.9	2.9	90.8	8.3	75.9	2.44	7.94	12.04	50	1.10
STD OREAS262	Standard	0.67	117.05	61.36	152.9	487	64.1	28.0	556	3.21	37.3	1.3	56.9	10.4	38.8	0.65	4.20	1.10	22	2.99
STD OXC129	Standard	1.34	27.74	6.16	40.9	15	81.1	21.0	422	3.00	0.7	0.7	195.8	1.9	201.7	<0.01	0.03	<0.02	53	0.76
STD OXQ114	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PD05	Standard																			
STD PG04	Standard																			
STD SP49	Standard																			
STD AGPROOF Expected																				
STD SP49 Expected																				
STD OXQ114 Expected																				
STD OXC129 Expected		1.3	28	6.2	42.9	13	79.5	20.3	421	3.065	0.6	0.69	195	1.9		0.03	0.04		51	0.684
STD DS11 Expected		14.6	149	138	345	1710	77.7	14.2	1055	3.1	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063
STD OREAS262 Expected		0.68	118	56	154	450	62	26.9	530	3.284	35.8	1.22	72	9.33	36	0.61	5.06	0.98	22.5	2.98
STD PD05 Expected																				
STD PG04 Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<1	<0.01
BLK	Blank																			
BLK	Blank																			



QUALITY CONTROL REPORT

WHI18001162.1

Method	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	FA350	FA350	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	ppb	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	3	
Pulp Duplicates																					
Y546236	Silt	0.050	96.9	40.7	0.30	91.5	0.046	<1	0.89	0.023	0.19	>100	1.9	0.25	1.49	*	0.8	1.53	3.3	>10000	>10000
REP Y546236	QC																			>10000	>10000
Y546237	Silt	0.049	9.8	49.6	0.61	42.8	0.057	4	0.94	0.028	0.15	>100	2.3	0.36	2.42	*	<0.1	5.56	3.5	>10000	17
REP Y546237	QC																			>10000	<3
Reference Materials																					
STD AGPROOF	Standard																				
STD DS11	Standard	0.075	20.4	62.7	0.86	374.7	0.098	8	1.25	0.078	0.41	2.8	3.4	5.05	0.29	290	2.3	4.94	5.1		
STD OREAS262	Standard	0.043	18.5	45.4	1.18	268.7	0.003	4	1.47	0.071	0.33	0.2	3.4	0.47	0.27	162	0.4	0.23	4.2		
STD OXC129	Standard	0.090	12.2	55.0	1.55	52.3	0.382	<1	1.67	0.604	0.36	<0.1	0.9	0.03	<0.02	<5	0.1	<0.02	5.5		
STD OXQ114	Standard																				
STD PD05	Standard																			505	433
STD PD05	Standard																			529	416
STD PD05	Standard																			486	438
STD PG04	Standard																			958	877
STD SP49	Standard																				
STD AGPROOF Expected																					
STD SP49 Expected																					
STD OXQ114 Expected																					
STD OXC129 Expected		0.102	12.5	52	1.545	50	0.4	1	1.58	0.59	0.3655	0.08	1.1	0.03					5.5		
STD DS11 Expected		0.0701	18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	260	2.2	4.56	5.1		
STD OREAS262 Expected		0.04	15.9	41.7	1.17	248	0.0027	4	1.3	0.071	0.295	0.2	3.24	0.47	0.253	170	0.4	0.23	3.73		
STD PD05 Expected																				519	430
STD PG04 Expected																				1004	903
BLK	Blank																			3	<3
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1		
BLK	Blank																			4	<3
BLK	Blank																			2	<3



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QUALITY CONTROL REPORT

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Method	FA350	FA550
Analyte	Pd	Au
Unit	ppb	gm/t
MDL	2	0.9
Pulp Duplicates		
Y546236	Silt	149 200.0
REP Y546236	QC	174 199.3
Y546237	Silt	10 287.1
REP Y546237	QC	<2
Reference Materials		
STD AGPROOF	Standard	<0.9
STD DS11	Standard	
STD OREAS262	Standard	
STD OXC129	Standard	
STD OXQ114	Standard	33.6
STD PD05	Standard	598
STD PD05	Standard	577
STD PD05	Standard	591
STD PG04	Standard	1142
STD SP49	Standard	18.5
STD AGPROOF Expected		0
STD SP49 Expected		18.34
STD OXQ114 Expected		35.2
STD OXC129 Expected		
STD DS11 Expected		
STD OREAS262 Expected		
STD PD05 Expected		596
STD PG04 Expected		1196
BLK	Blank	<2
BLK	Blank	<0.9
BLK	Blank	
BLK	Blank	<2
BLK	Blank	<2



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		WGHT	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
Prep Wash		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	1	0.01
ROCK-WHI	Prep Blank		0.89	2.80	2.09	33.2	15	1.1	3.8	503	1.89	1.6	0.4	<0.2	2.4	25.6	<0.01	0.05	<0.02	23	0.61



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		AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	AQ252	FA350	FA350	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Au	Pt
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppb	ppb
Prep Wash		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	2	3
ROCK-WHI	Prep Blank	0.047	6.7	2.2	0.46	62.4	0.070	3	0.83	0.060	0.06	<0.1	3.0	<0.02	<0.02	5	<0.1	<0.02	4.1	<2	<3



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		FA350	FA550
		Pd	Au
		ppb	gm/t
Prep Wash		2	0.9
ROCK-WHI	Prep Blank	<2	