# PROSPECTING, GEOCHEMICAL and TRENCHING REPORT on the 2008 ULTRA PROJECT

Ultra 9 YC19009 Ultra 25-30 YC19025-30 Tell 1-4 YC19398-401 Jen 1-4 YC26408-11 VMS 1-12 YC5937-948

# NTS: 115 B/16 Latitude 60<sub>0</sub>54'N Longitude 138<sub>0</sub>15'W Whitehorse Mining District, Yukon

Work performed on ULTRA 9 and ULT 1 on August 23-24-25, 2008

For

YMIP 08-026 By Tom Morgan Bag 7080 Dawson City, Yukon Y0B 1G0 January 10, 2009

### Table of Contents Ultra 2008

Summary

Location and Access

Location Map

History

Geology

**Economic Geology** 

Claim Map

Claim Data

Sample Descriptions

Sample Location Map

Ultra 2006 Showings and Sample Locations

Sample Map Section

Pictures of VMS Horizon Sampled Areas

**Results and Recommendations** 

Arial View of Tell and Froberg Showing Areas

Panoramic Video starting at NW Strike Extension

Statement of Expenditures

Authors Qualifications and Work History

ICP 28 element Analysis

Au Cu Ni Zn Assays

2006 Sample Descriptions and assays

Statement of Expenditures

References

### **Property Summary (Pautler 2006)**

The 8,650 hectare Ultra Project, NTS map sheet 115 B/16, is located in the Whitehorse Mining District, approximately 42 km northwest of Haines Junction, which is 159 km by road from Whitehorse, Yukon Territory at a latitude of 60° 54'N and a longitude of 138°15'W. The property comprises the Eli, Ultra, Gab, Ult, Tell, Jen and VMS claims, owned by Mr. Tom Morgan and Mr. Vern Matkovitch, their company, 19651 Yukon Limited, and Klondike Gold Corporation. The 2006 program was funded by Klondike Star Mineral Corporation, under option from Klondike Gold Corporation. The Ultra Project is underlain by Alexander Terrane in the southwest and Wrangell Terrane in the northeast, both part of the accreted Insular Super Terrane. The Alexander Terrane is comprised of Upper Proterozoic to Triassic volcanic and sedimentary rocks and co-magmatic intrusions. The Wrangell Terrane consists of Devonian to Permian arc volcanic, clastic and platform carbonate rocks overlain by Triassic oceanic rift tholeitic basalt and carbonate rocks and co-magmatic intrusions. The above rocks are overlain by Upper Jurassic to Lower Cretaceous Dezadeash Group clastic sediments, Paleocene to Oligocene Amphitheatre Group sediments and Miocene to Pliocene Wrangell Lavas. The Kluane Ultramafic Suite hosts a number of magmatic nickel-copper-platinum group mineral occurrences in Wrangellia from Northern British Columbia, through Yukon and into Alaska. One of these occurrences, the Wellgreen Deposit, produced almost 200,000 tonnes of Ni-Cu-PGE ore in 1972 and 1973 and hosts reserves of 49.9 million tonnes grading 0.36% Ni, 0.35% Cu, 0.51 g/t Pt and 0.34 g/t Pd. The Kluane Belt nickelcopper-PGE occurrences are particularly enriched in the rarer platinum group elements osmium, iridium, ruthenium and rhodium. The Ultra Project covers the Telluride and Boulder volcanogenic massive sulphide showings, the nickel-copper-PGE Frohberg showing and Jesse anomaly and the Jennifer copper-silver vein/stockwork showing. Previous exploration on the Ultra Project has involved approximately 440m of drilling in 8 holes on the Boulder showing, hand trenching, rock, soil and silt geochemistry, a 1977 airborne electromagnetic survey, a 2004 airborne total magnetic field and electromagnetic survey and ground electromagnetic and magnetic geophysical surveys. The 2006 program on the Ultra Project consisted of property wide geological mapping with concurrent geochemical sampling, detailed mapping of the Telluride, Frohberg, Redball and Silver Creek East areas, MMI grid soil surveys on the Lake, Redball and Silver Creek East grids, a beep mat geophysical survey over the Boulder showing, and trenching and pad building on the Telluride showing. The most significant showing on the Ultra Project is the Telluride volcanogenic massive sulphide showing, which appears to be consistent with the Cypress type deposit model. The massive sulphide horizon trends 130-140% 45-70%, ranges from 0.5 to 4m wide, has been traced for 200m and remains open along strike. The central portion overlies a 35m stockwork zone. The showing itself contains economic values of 3.23% Cu, 6.75% Zn, 17.8 Ag, 0.15 Au over 4m with maximum values of 13.4% Cu, 6.75% Zn, 56 ppm Ag, 0.25 ppm Au. The system has been traced 6 km to the southeast and appears to continue beneath glacier

cover to the northwest. The Telluride horizon has been discontinuously traced, due to glacier cover, 6 km along strike to the southeast. The Nunatak Zone, a bedded massive sulphide lens and associated stockwork zone was discovered 3 km southeast of the Telluride showing with results of 11.54% Cu, 1514 ppm Zn and 7.2 g/t Ag over 3m. Four km southeast of the Telluride showing semi massive pyritic horizons, sulphide bearing guartz veins and pyrite, chalcopyrite stockwork type mineralization is exposed along a rugged north facing slope with highly anomalous values including 2.34% Cu. 50.9 g/t Ag over 2m. A glacier obscures the northwestern strike extent of the Telluride showing. Although the Ultra project covers intrusions with the same age and chemistry as those that host the nickel-copper-PGE deposit at the former Wellgreen Mine, the only significant mineralization discovered to date is the Frohberg Showing. Mineralization is confined to one of the smaller satellite intrusions and is limited in extent with the best results obtained from the 2002 trenching program at the southeast end of the exposure with highly significant values of 5.54 g/t Pt, 13.46 g/t Pd, 4.07 % Cu and 1.73% Ni over 0.5m. Although the nickel is associated with arsenic and antimony, exploration potential exists for a buried deposit beneath the talus and glacier immediately southeast of the Frohberg showing. A small 1,000-1,300m diamond drill program in three to four holes from one setup is recommended on the Telluride volcanogenic massive sulphide showing to test the down dip extent of the massive sulphide horizon and associated stockwork zone. Extension of magnetic and electromagnetic geophysical surveys southeast of the Frohberg showing would be useful in tracing the high grade mineralization encountered in the 2002 blast pit (5.54 g/t Pt, 13.46 g/t Pd, 4.07% Cu and 1.73% Ni over 0.5m) across a talus and glacier covered area. Follow up on the Jesse Cu-Ni-PGE anomaly at the footwall contact of a 2 km by 300m wide ultramafic sill should involve the implementation of a reconnaissance magnetic survey to define the talus covered contact, to be followed up by hand trenching.

The 2008 program consisted of chip sampling of Tell North Showing, and Froberg Showing, as well as reconnaissance flights, and prospecting traverses along the VMS horizon between known showings and projected strike from them, to plan climbing routes to sampling and pad building areas. The sampling of distinct mineralized sections showed large fluctuations and segregations in mineralogy and metal content. This happened on the 24<sup>th</sup>, 25<sup>th</sup>, and 26<sup>th</sup> of August at which point the program was cut short due to excessive snow fall. The proposed sampling, prospecting and pad building along this horizon and its' strike extent for approximately 6km needs to be done to extend, infill, and develop this potentially economic deposit.

#### Location and Access

The ULTRA, JEN, VMS, GAB, ELI, TELL, and ULT claim block is 416 claims at the headwaters of Telluride and Silver Creeks, starting at the Jarvis River and extending north-west to Jessie Creek. This area is in the Whitehorse Mining District on map sheet 115-B-16 and bounded by the approximate co-ordinates .....

07V 0658000 to 07V 0647000

6750000 6756500

The property is accessed off the Alaska Hwy. 35km N.W. of Haines Junction. The turnoff is 1km past the Jarvis River to the left when coming from Haines Junction. The S.E.end of the claim block, by the confluence of Telluride Creek and the Jarvis River, is accessed from the Jarvis River road. The road at 16km turns up Kimberly Creek, which is 0.75km to the S.E of the claim block. The N.W. extension of the claim block is accessed from the same road, 1 km from the Alaska Hwy. and proceeds 11 km west to where it turns left off this road and goes generally south, then west for 10km to the upper end of Telluride Creek. The claim block is also accessed from BouteIier summit 50km from Haines Junction 2km past Christmas Creek at the Repeater Station turn off to the west. The road goes W 20km from here to the head of Telluride Creek. A half hour to 45min helicopter ride from Haines Junction accesses either end of the property, with staging areas at the road ends mentioned for hauling gear into the mountains.







POE-Ni-Ca Sample Siles X

### HISTORY ULTRA PROPERTY

1903-04

Placer gold first mined at Silver Creek and Telluride Creek and discovery of crushed copper-pyrite zones" near junction of Cub Creek with Telluride Creek by placer miners (*GSC*, 1905).

### 1955-58

Resistivity, magnetic and gravity surveys, diamond drilling of 108m in 3 holes in 1956 (failed to reach bedrock) on Boulder showing *(Clark, 1956)* and discovery of Frohberg Ni-Cu-PGE showing in 1958 by Gaymont Prospectors Syndicate, which included Teck Exploration Company Limited and Iso Uranium.

1961-1962

Turam electromagnetic survey, outlining several conductors (*Watson, 1961*) tested by 116m of rotary drilling in two holes in 1962 on Boulder showing by Canadian Exploration Limited (*Woodcock, 1967*).

### 1964

Staked by Meridian Syndicate but no work conducted. 1965-67

Turam electromagnetic survey, outlining several conductors in Boulder showing area (*Bosschart, 1966*), soil sampling and geological mapping by Coranex Limited (*Woodcock, 1967*).

#### 1970

Program of electromagnetic surveying, soil sampling, geological mapping and diamond drilling of 216m in 3 holes on Boulder showing by Atlas Exploration Limited under option. Conductor explained by coal seams and marcasite in porous sedimentary unit (Coates, *1970*). 1977

Scintrex airborne electromagnetic survey, Maxmin orientation survey, mapping, prospecting on Boulder and Frohberg showings with discovery of the Telluride massive sulphide showing by Aquitaine Oil Co. (*Abbott and Cathro, 1977*).

#### 1983-84

Prospecting, silt geochemistry and geological mapping by Noranda, returning anomalous Cu, Ag, Zn, Pb and Au in rocks north of Jennifer showing and discovery of Jennifer Cu-Au-Ag showing *(Reid, 1985)*. 1984

Geological mapping and prospecting of Jennifer showing by S. J. Hill, with values up to 1344 g/t Ag, 7.8 g/t Au and 22.5% Cu *(Rogers, 1985)*. 1988-89

Small trenching and sampling program on the Jennifer showing, returning values up to 685 g/t Ag and 16% Cu *(Stack, 1989)*. 1987

Geological mapping, prospecting and soil and rock geochemistry on the Frohberg showing by Nordac Mining Corp. *(Eaton, 1988a)* and exploration of the adjacent ultramafic targets, and geological mapping of the area from the Telluride showing to the massive sulphide boulders at the mouth of CubCreek by the Reed Creek Joint Venture (*Eaton, 1988b*). 2000-03

Geological and geochemical surveys in 2001 on Boulder and Frohberg showings (*Brickner, 2002*), re-sampling of the massive sulphide boulders in 2002

with values up to 2.1% Cu, 5.1% Zn and 24.5 g/t Ag (*Mann and O'Shea, 2006*), horizontal loop electromagnetic, VLF-EM and magnetometer surveys identifying three conductors and a magnetic low anomaly proximal to the boulder occurrences (*Casselman, 2003*), a blast trenching program on the Frohberg Showing, which returned 5.54 g/t Pt, 13.46 g/t Pd, 4.07 % Cu and 1.73% Ni in 2002 and extension of the HLEM survey (*Jackson, 2003*). 2004

Airborne total magnetic field and electromagnetic surveys using the McPhar Hummingbird system, outlining 54 conductors, and a geological mapping and prospecting program by Klondike Gold Corporation under option (*Casselman, 2005*).

### 2005

Program of prospecting, line cutting, a VLF-EM and magnetic survey over the Frohberg Ni-Cu-PGM showing, delineating the continuation of the ultramafic body, and horizontal loop electromagnetic surveys on the Lake and Redball grids in the Boulder showing area, delineating conductors consistent with a volcanogenic massive sulphide model (*Hildes, 2006*), by Klondike Star Mineral Corporation under option (*Mann and O'Shea, 2006*) *2006*.

Program of geological mapping, prospecting, hand trenching on Tell showing VMS and extentions, Jen showing and Froberg to JessieCr Ni-Cu PGE ultramafic bodies, and an MMI geochemical survey over the Lake, Redball, and Silver Cr. east anomaliesby Klondike Star Mineral Corporation under option(Pautler, 2006).

# Claim Data Summary

Claim Name	Grant No.	No.
Eli 11-14	YC18433-36	4
Ultra 1-30	YC19001-30	30
Gab 23,25,27,29-33,35,37	YC19067,69,71,73-77,79,81	10
Gab 39-47	YC19083-91	9
Ultra 37-65, 67-72	YC19098-126, 128-133	35
Ult 1	YC19376	1
Ultra 73-80	YC19398-405	8
Tell 1-4	YC19406-409	4
Ult 2-7	YC25938-43	6
Ultra 81-90	YC26106-115	10
Ult 21-140	YC26239-358	120
Ult 8-21	YC26359-372	14
Ult 142-176	YC26373-407	35
Jen 1-40, 120, 251	YC26408-449	42
Jen 136-167	YC26450-481	32
Ult 177-192	YC40233-248	16
Ult 193-208	YC40314-329	16
Ult 206-217	YC40368-379	12
VMS 1-12	YC53937-48	12
TOTAL		416

# Regional Geology (Figure 3)Pautler2006

The Ultra Property occurs in the accreted Insular Super Terrane, divided into AlexanderTerrane, to the southwest and Wrangell Terrane to the northeast (Figure 3). The Alexander Terrane is comprised of Upper Proterozoic to Triassic volcanic and sedimentary rocks of ocean arc, back arc, platform, rift, trough, and off-shelf settings, and co-magmatic intrusions. The Wrangell Terrane consists of Devonian to Permian arc volcanic, clastic and platform carbonate rocks overlain by Triassic oceanic rift tholeitic basalt and carbonate rocks. Post accretionary units include Jura-Cretaceous sedimentary rocks (JKs), overlapping Wrangellia and Alexander Terranes (Dezadeash Group), and Tertiary felsic to mafic volcanic rocks with interbedded terrestrial sedimentary rocks (Tvs). Post accretionary intrusions include Jura-Cretaceous (JKp), mid Cretaceous (mKp) and Neogene plutons (Np). Thick Quaternary (Q) deposits and glaciers (Ice) cover much of the region. The major structural features of the area are the Denali Fault and the Duke River Fault. The Denali Fault is a large fault zone that defines the Shakwak Valley and lies along the northeast side of the property. It is a strike-slip fault with a dextral sense of motion with an offset in the order of 350 km. The Duke River Fault transects the property, separating the Alexander and Wrangell Terranes.

# Property Geology (Figure 4)

The southwest property area is underlain by the Alexander Terrane, comprised of Silurian to Devonian Bullion Suite massive, well bedded, light gray limestone or marble, argillite and phyllite (SDB). This succession is overlain by Devonian to Upper Triassic Icefield Group limestone, argillite, calcareous siltstone-sandstone and creamy white gypsum and anhydrite (DTrl) and intruded by the Devonian Steel Creek Suite, comprised of massive, medium to coarse grained, rusty green to green hornblende pyroxene gabbro sills and dykes with rare pods of peridotite (PSC) (Gordey, 1999). The Wrangell Terrane in the northeast property area is comprised of Upper Triassic Chitistone Group thin-bedded, light to dark gray limestone, dark gray argillite and white to creamy white anhydrite (uTrC). These rocks are overlain and in places interbedded with Upper Triassic Nicolai Group amygdaloidal basaltic and andesitic flows with local tuff, breccia, shale and thin-bedded bioclastic limestone (uTrN). The Chitistone Group is intruded by late Triassic Kluane Ultramafic Suite intrusions (PTrK), which are comprised of medium green to green, massive,

medium-grained, pyroxene gabbro and dark green to black peridotite and rare dunite. The Kluane Ultramafic Suite intrusives may be the source for the Nicolai Group volcanic rocks. The above rocks are overlain by Upper Jurassic to Lower Cretaceous Dezadeash Group clastic sediments (JKD), by Paleocene to Oligocene Amphitheatre Group sediments (OA) and intruded and overlain by Miocene to Pliocene Wrangell Lavas (NW). The Dezadeash Group consists of a succession of dark buff-gray lithic greywacke, sandstone, siltstone, shale, argillite, phyllite and conglomerate. The Amphitheatre Group consists of yellow-buff sandstone, pebbly sandstone, polymictic conglomerate, siltstone, mudstone, minor carbonaceous shale and thin lignite coal. The Wrangell Lavas consist of rusty, red-brown basaltic andesite flows, interbedded with felsic tuff. The late Early Cretaceous Outpost Mountain Intrusion of granodiorite to diorite composition intrudes Wrangellia in the northwestern property area. All of the above units are overlain by Quaternary unconsolidated glacial, glaciofluvial and glaciolacustrine deposits (Q).

# **Structural Geology**

The active Duke River Fault transects the property, separating the Alexander and Wrangell Terranes. The property area can be divided into two structural domains, the southwestern domain which underwent intense tectonic activity, and the northeastern domain, which is characterized by more rolling, foothills-type folding and faulting. The southwestern part of the property underwent significant thrusting and compression and the entire stratigraphic package dips steeply southwest and strikes northwest along the front of the Kluane Ranges. The northeastern property area is much less deformed. Rock units strike northwest with variable dips from 86° west to 30° east. They are dissected by large thrust and strikeslip faults that trend northwest, parallel to the trend of the Shakwak valley. These faults appear to have undergone considerable movement.





#### Economic Geology

The claim block covers two main styles of mineralization listed in GSC O.F 2189 pg. 54 and MinFile I15B008. The Froberg (ULTRA) showing is a flood basalt associated Cu,Ni, PGE,Zn occurrence in a Ptrb, gabbro and Ptrub, peridotite. The Telluride showing is a volcanic hosted Zn, Cu, Pb, Ag VMS occurrence on pillowed basalts in an uPbr, gabbro - green stone complex. These showings are approximately 1.5 km apart. ULTRA #2 and ULTRA #9 are where these showings are. The Jennifer showing is the other mineralization on the claim blockwhich has copper -silver veins hosted by limestone and minor polymetalic veins. One of the VMS drill targets is lower down in the valley and thought to be of local origin due to the small area in which the large banded massive sulfide boulders are found. The sampling of four of these boulders, across their widths in 2003 showed some high grade segregations in Cu (0.53% to 4.6%) and Zn (4% to 14%), as well as a consistent Ag value of 38.4 ppm to 45.2 ppm. The anomaly found with the HLEM survey and the VLF-Mag survey of the 2002 program, is up ice 400 meters from these boulders, which makes it a first order target to be checked out by drilling. The claims covering this anomalous area are ULTRA #43, #44, #57, & #59. The Telluride showing and related Boulder (showing) are thought to belong to the Cyprus type VMS, based on pillowed basalt host rock, lens shaped morphology with associated stringer zone, obvious structural control by steep, normal faults and the presence of regional pyritic horizons. (summarized from Jean M. Pautler 2006)The 2006 program identified VMS horizons of economic grade at the Telluride showing with values up to 3.23% Cu, 6.75% Zn, 17.8 ppm Ag, and 0.15 ppm Au over 4m. This system has been traced for 6 km to the southeast and appears to continue beneath the glacier cover to the northwest. The Nunatak Zone, a bedded massive sulphide lens and associated stockwork zone was discovered 3km southeast of the Telluride showing with results of 11.54% Cu, 1514 ppm Zn and 7.2 g/t Ag over 3m. Four km southeast of the Telluride showing semi massive pyritic horizons, sulphide bearing quartz veins and pyrite-chalcopyrite stockwork type mineralization is exposed along a rugged north facing slope with highly anomalous values including 2.4% Cu, 50.9 g/t Ag over 2m. A glacier obscures the northwestern strike extend of the Telluride showing. (summarized from Jean M. Pautler 2006) To the NW along strike there are highly anomalous samples from sample # 390149 with 544.3 ppm Cu, 1.94% Zn, 18.6 g/t Ag @4km out, and # 390113 with 5368.7 ppm Cu, 152 ppm Zn, and 5.5 g/t Ag and # 390116 with 3573.1 ppm Cu, 493 ppm Zn, 13.8 g/t Ag, & 142.2 ppb Au @6km out from the Telluride showing. These 5 anomalous zones, shown in Pautler's 2006 report, figure 5, Claim Map with Sample Locations, form a corridor of around 12 kms of strike extent which goes through some extremely rugged mountainous terrain with glacial ice and moraine cover over at least 1/3 of it. The 2008 program identified enriched Au values on the footwall portion of the VMS lenses of the Telluride North Showing with 480 ppb Au from ULT-08-R-01 and 410 ppb Au from ULT-08-R-08, as well as 5.53 % Cu and 42.0gm Ag over 2m from ULT-08-R-05 and 4.60 % Cu and 33.9gm Ag over 1.5m from ULT-08-R-06 and 7.06 % Cu, 32.3gm Ag, and 2.21% Zn over 0.5m from ULT-08-R-07 next to R-06. The Froberg showing extention sample 200m to the northwest showed Rh enrichment with 0.315ppm Rh, as well as 2.30% Ni, 2.65 Cu, 1.85gm Pd, and 220ppb Pt over 20cm. Sample ULT-08-R-14 from a lens in the

middle of the Froberg came up with 2.10% Ni, 2.06% Cu, 3.65gm Pd, and 660ppb Pt over 25cm in the hanging wall chert 5m above the gabbro dike.

#### Sample descriptions Ultra 2008

#### Tell showing

ULT-08-R-01 0.5m chip of footwall gouge of red clay and grey clay

ULT-08-R-02 1.5m chip of massive sulfite pyrite, malachite, chalcopyrite

ULT-08-R-03 1.5m chip of massive sulfide of pyrite, pyrrhotite, chalcopyrite with zones of silicification and clay alteration (grey decayed pyrite)

ULT-08-R-04 1.5m chip of hanging wall decayed sulfide (red) in some sheared volcanic ULT-08-R-05 2m chip of massive sulfide on Footwall (3m up dip of 01 to 04 chip

Pyrite, pyrrhotite, chalcopyrite, malichite

ULT-08-R-06 1m chip of footwall gouge and decayed grey massive sulfide (pyrite, pyrrhotite)

ULT-08-R-07 0.5m chip massive chalcopyrite, pyrite, pyrrhotite next to 06

ULT-08-R-08 1.5m chip of massive sulfide pyrite, pyrrhotite, some chalcopyrite in gouge

ULT-08-R-09 0.5m chip of quartz vein in sheared green volcanic chalcopyrite, pyrite ULT-08-R-10 1.5m chip of decayed grey massive sulfide and gouge, clay, pyrite,

pyrrhotite, chalcopyrite

ULT-08-R-11 0.5m chip of red decayed footwall material

ULT-08-R-12 2m chip of massive sulfide on west side exposure of 01 to 04 lense Massive sulfide lenses @  $140^{\circ}$  strike and  $50^{\circ}$  to  $70^{\circ}$  NW down dip

### Froberg showing

ULT-08-R-13 0.5m chip of lower contact of gabbro chert of stockworked chalcopyrite, pyrrhotite

ULT-08-R-14 Middle – 25cm massive pyrite, pyrrhotite, chalcopyrite in chert, 4m from gabbro

ULT-08-R-15 Upper -0.5m chip of stockworked chalcopyrite, malichite in chert on hanging wall side, 5m from gabbro

ULT-08-R-16 Extention – 20cm massive sulfide on footwall of mafic gabbro



SAMPLE SECTION ULT-08-R-01 TO R-05



# SAMPLE SECTION ULT-08-R-06 TO R-08



# SAMPLE SECTION ULT-08-R-09



SAMPLE SECTION ULT-08-R-10 & R-11



# SAMPLE SECTION ULT-08-R-12



### Recommendations, Results, and Work Done

The Ultra program consisted of detailed sampling of the Tell showing, VMS exposures, as well as helicopter reconnaissance and on the ground traverses along the ridges to plan climbing routes into the strike extension of this mineralized horizon. The Froberg showing and extension was sampled also when snow came in at the higher elevations and shut down the rope assisted prospecting, sampling activities. The present unexplored prospective areas to the north and south of the observed strike extent of the Tell showing go under glaciers and into vertical terrain that ropes and climbing equipment are needed to safely explore and take samples here. The routes into the cliffs were figured out in the first day through helicopter support from the Nanatuk showing, to the south, to the ridge line going north, at the upper south, west end of the Silver Creek tributaries. Visible alteration, was observed in exposures in the cliffs, which would signify a strong possibility of sulfide mineralization from past sampling and observations of the, on strike, mineralized horizon. Camp was set up on the heli pad at 7500' elevation and traverses done off the ridge to the limits of hikable ground to the NW. We awoke to a foot of snow on the tent the next morning and decided to do a detailed sampling of the known Tell showings 100m west of the heli pad camp. These were accessible using crampons and pick. The snow was cleaned off and sample sections done across the east facing side of the VMS lenses. The west facing side of the exposures were sampled during the 2006 program. Small N-S ridges come out of the east-west circ face leaving east-west 1m to 5m exposures of the VMS horizons cross- cutting these small ridges at the circ back/ face. The samples were broken up according to visible changes in alteration and mineralization. There were large fluctuations / segregations in metal content from the footwall to hanging wall of the massive sulfide as well as from lens to lens. There was Au enrichment at the footwall side of the two largest lenses at 480 ppb and 410 ppb. The value witnessed in the 2006 sampling was 250 ppb Au, but over 4m from footwall to hangingwall. Blast trenching, helicopter pad building, and chip sampling of the extentions from the Tell to the Nunatak showings and to the NW to Silver cr should be performed with the use of climbing and drilling equipment where needed. Pad building for proposed diamond drilling of current showings, (recommended in 2006 Pautler report) will be part of this program. Helicopter pads at 2 localities along the front face of Mount Cairnes in the vicinity of the Nunatak showing and related anomalies are needed for accessibility. Climbing gear will be needed to be used to sample along some of this face area where the VMS horizon goes across vertical, exposed sections. The main focus and observed continuous mineralization is 2km of strike extent of this horizon exposed, starting, from under an upper Bryson Cr glacier at 2.7 km SE of the Telluride showing and extending through the Nunatak showing, samples 390078-79 @ 3km SE of the Telluride showing. From here the zone travels through samples 390082-83, (Nunatak extension) @ 3.75km and onto samples 390084-85 @ 4km and under another upper Bryson glacier @4.75km away from the Telluride showing. The 3km to the NW from the Telluride showing to Silver Creek is the other strike extent of this zone that still needs to be traversed, as seen here in 2008. The zone disappears under the ridge glacier (NE facing) but appears to cut back across 3/4 km away to the NW face from an aerial observed gossan zone and projected strike from the Nunatak-Telluride showings. The extreme nature has inhibited exploration in the past, so there will be climbing gear needed to prospect this section, from the ridge line down to Silver cr. through cliffs, gullies, and steep scree slopes.

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The Froberg showing samples were taken along the mineralized sections of the gabbro dike, altered, sulfide rich, wall rock. The assays showed large fluctuations in metal content from past sampling on R-13, which could be due to leaching of the pyrrhotite, that oxidized to rusty clay within a year from solid sulfide in the freshly exposed rock. The sample from R-14 was a previously unsampled section of semi- massive pyrrhotite that had 2.1% Ni, 2.06% Cu, 3.65gm/ton Pd, and 630ppb Pt. R-16 Showed an elevated Rh value at 0.315 ppm, with 2.56% Cu, 2.30% Ni, 1.85 gm/ton Pd, and 220ppb Pt, along the gabbro footwall segregation of massive sulfide. These elevated numbers peripheral to the gabbros coming off the lower peridotite and the vlf anomaly between them needs to be investigated with drilling as recommended in Jean Pautlers 2006 report.

### TELL & FROBERG SHOWINGS



NUNATAK SHOWING AND EXTENTION



### Authors' Qualifications and Work History

Tom Morgan has been actively involved in prospecting and the mining industry since the summer of 1981 when he worked for Shell minerals as a prospector's assistant in Nova Scotia, Can. looking for tungsten, tin deposits. At this time he was enrolled at St. Francis Xavier University in an engineering physics program. At the end of his third year in 1983 TM moved to the Yukon and worked with an independent mining engineer involved in placer Au ground evaluation and testing in the Sixtymile, Carmacks, Dawson, and Kluane Districts. In the winter of 1984, and 1986 he went to southern California with the same mining engineer, prospecting and helping run a small test mill for hard rock Au in the Old Woman Mtns., Panament Mtns., and the Inyo Mtns. Some highly mineralized showings were discovered at this time with TMs mountaineering skills and prospecting abilities in this rugged mountainous country. In the winter of 1985 and 1987 TM worked at Klondike Underground Mines in the Sixtymile testing the advancing drift faces, surveying, mapping, processing samples and recording Au values and gravel characteristics of the underground drifts and developments. During 1984-85 summer months he worked with the engineer setting up equipment for processing and recovery of samples and materials, along with research and prospecting to acquire them. TM staked and tested some placer Au bearing ground in 1986 on Montana Cr in the Dawson District and Iron Cr. in the Whitehorse District. Upon results obtained these properties were optioned (Montana Cr) and sold (Iron Cr) the following year. In the summer months of 1987-88 TM worked with prospector, Glenn Harris in the Kluane Mtns. and the Carmacks area around Mount Freegold exploring for magmatic massive sulfides, and epithermal Au deposits. Exploration work with Brian Lueck through Doron Explorations at Caribou Cr. epithermal Au deposit started at this time and continued to the drilling and discovery of a small high grade deposit there. Prospecting with Lueck continued in the Bennet Lake mountains of Southern Yukon border area for Sb, Ag, Au shear hosted deposits into 1990. In 1991 TM worked with the Hughes-Lang Group prospecting in the Ogilvie Mtns for bedded Zn, Thistle Cr for shear hosted Au veins, and Hunker Cr shaft digging for placer Au. From 1992 to 1994 TM was involved in contract drilling, blasting, and shaft sinking for independent miners in the Klondike area, as well as small scale placer Au mining on his Montana Cr ground. In 1995 a private company (Dark Moth Mines Ltd) was formed with Schmidt, Harris, and Morgan as the principles and the Caribou Creek Au deposit was optioned. Morgan resurveyed in the 1989 Doron discovery drill hole through the back of the open pit that the previous operators had made in a failed attempt to intersect the vein and gone broke, and found it was 12m away. A portal was put in and the vein intersected and drifted upon. A small mill system was built and ore processed which showed the grade too low for high grading and an nsr too high to attract a larger operator. In 1996 TM was exploring with B. Lueck in the Hess River country under Yukon Gold Corp for Fort Knox style, Tombstone suite intrusives hosting high grade Bi Au veins. A number of new showings were found at this time. In 1997 these showings were drilled and Lueck and Morgan went to Alaska also and staked the Taurus property, a Cu, Mo, Au porphyry which was optioned to Cross Canada Resources. Morgan went through the permitting process and drilling took place that summer and in 1998. Lueck and Morgan's rotary drill and D8K cat was walked out of the Taurus and taken to Ross River and into the Plata (Ag, Au, Pb, Zn) property where we drilled 16 holes here before shutting down due to lack of funds under Alliance Pacific Ltd. Tm was

traveling with Lueck to the Phillipines to prospect and do property visits on a wide range of mineralization found here from 1997 to 1999. TM explored with Kodiak Explorations north-east of Dawson City in 1999-2000 for intrusive related Au deposits. In 1999 TM and partners staked the Bear claims over a Pogo style Au vein related to a Cretatious age intrusive which needs follow-up. In 2000 Morgan worked in the Bennet Lake Mtns drilling and blasting in drill pads and prospecting for Tiberon Minerals using climbing ropes in highly vertical country testing high grade Ag-Cu-Pb shear hosted quartz veins. In 2001 TM organized and staked two Cu, Ni, PGE targets in the Kluane Mafic Ultramafic Belt. These are the Ultra property (Optioned to Klondike Gold Corp 2004) and the Ar property 10km to the NW and on strike with the Wellgreen Mine complex(optioned to Auterra Ventures 2002, dropped in 2004). Morgan ran two geophysics programs on these properties in 2001- 2002, one with a Scintrex mag/vlf unit and the other with a max-min EM survey from Aurora Geophysics of Whse. These identified anomalies which need follow up. Prospecting and blast trenching by TM on the Ultra in 2003-2004 identified highly anomalous grades in float and outcrop in Cu-Zn-Ag-Pb VMS boulders and Cu-Ni PGE massive sulfide stockwork in gabbro and silicified chert footwall material, in outcrop. TM brought forward the idea of a large Au placer developed along the edge of the quartz pebble conglomerate(QPC) unit developed in the basal quartz mica schists along the left limit of the Indian River. This was staked in 2004 by Morgan and partners. The drilling of this ground has identified a large scale, low grade economic placer deposit over the last 2 years. TM prospected outside of Yellowknife in 2004 on the Caribou Lake intrusive for Kodiak Explorations and identified Cu-Ni mineralization that is currently being drilled. In 2004 Morgan received prospector of the year in the Yukon Territory. In 2005 TM worked on Lonestar, Indian River, and Ultra projects with Klondike Star Mineral Corp. (who had stepped in as financiers for Klondike Gold Corp) contracting equipment and time to them. TM with Kodiak Explorations prospected north of Galore Cr. south of Telegraph Cr. finding some interesting Ag-Au tournaline quartz veins during this 2005 summer. TM also found a rich small Au placer on his claims on Bear Cr outside Dawson City while auger drilling this same year. In 2006 TM dug a shaft on Bear Cr on his discovery hole and confirmed the presence of a rich pay channel on the right limit that the dredge had missed. TM also drilled another rich hole on a fork of Montana Cr. that had been searched for, for a number of years. Another significant find was on the Ultra property where TM found the source of the VMS boulders in the cliffs at 8500' elevation and followed this pillow lava horizon for over 5km. The massive sulfide was up to 4m thick at one point along this horizon. Grades were well into economics in Cu-Zn-Ag-Pb+-Au. TM negotiated a letter of intent in this summer of 2006 with Paul White of Western Energy Services on the Plata Property through a private company called Inca Platau Explorations Ltd. Morgan and partners Steve Mooney and Dan Coyne came up with the initial \$25,000 and signed the letter to start the property acquisition process.

This is a basic condensed version skipping along the main pts. of TM's work history since entering the mining industry in 1981.

# **CERTIFICATE OF ASSAY AW 2008-8304**

## Revised

**16406 Yukon Inc.** Bay 7080 **Dawson City, YT** V0B 1G0

No. of samples received: 16 Sample Type:Rock **Project: Ultra** Submitted by:Tom Morgan

		Ag	Ag	Cu	Ni	Pd	Pd	Zn
ET #.	Tag #	(g/t)	(oz/t)	(%)	(%)	<u>(g/t)</u>	(oz/t)	(%)
1	ULT-08-R-01	33.4	0.97	0.17				
2	ULT-08-R-02	33.8	0.99	3.58				
3	ULT-08-R-03			0.12				
4	ULT-08-R-04			0.15				
5	ULT-08-R-05	42.0	1.23	5.53				
6	ULT-08-R-06	33.9	0.99	4.60				
7	ULT-08-R-07	32.3	0.94	7.02				2.21
8	ULT-08-R-08			0.63				
9	ULT-08-R-09			7.24				
10	ULT-08-R-10			0.12				
11	ULT-08-R-11			0.04				
12	ULT-08-R-12	32.2	0.94	4.04				2.98
13	ULT-08-R-13	37.8	1.10	7.96		1.75	0.051	
14	ULT-08-R-14			2.06	2.10	3.65	0.106	
15	ULT-08-R-15			2.58				
16	ULT-08-R-16			2.56	2.30	1.85	0.054	
QC DATA:								
Repeat:								
1	ULT-08-R-01	33.6	0.98	0.18				
10	ULT-08-R-10			0.13				
14	ULT-08-R-14				2.14			
Resplit:								
1	ULT-08-R-01	32.9	0.96	0.17				

ECO TECH LABORATORY LTD. Jutta Jealouse

B.C. Certified Assayer

24-Oct-08

#### 24-Oct-08

#### ECO TECH LABORATORY

LTD. 10041 Dallas Drive

#### KAMLOOPS, B.C.

V2C 6T4

Phone: 250-573-5700 Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2008- 8304

Inc. Bay 7080 Dawson City, YT V0B 1G0

16406 Yukon

No. of samples received: 16 Sample Type:Rock Project: Ultra Submitted by:Tom Morgan

#### Values in ppm unless otherwise reported

			AI	Α		в	Ca	С				Fe		Mg	м	м	Na							Ti					
Et #.	Tag #	Ag	%	S	Ba	i	%	d	Co	Cr	Cu	%	La	%	n	0	%	Ni	P	Pb	Sb	Sn	Sr	%	U	<u>v</u>	<u></u>	Y	Zn
	ULT-08-	>3	0.1	<	12	<	1.7					>1	<1	<0.0					·<1	_		<2			<1		<1	<	
1	R-01	0	7	5	5	5	2	7	125	14	1621	0	0	1	23	57	0.02	10	0	256	<5	0	15	0.73	0	67	0	1	897
	ULT-08-	>3	0.1	<	11	<	0.9	2			>100	>1	<1	<0.0			<0.0		<1			<2		<0.0	<1		<1	<	
2	R-02	0	0	5	5	5	9	4	401	41	00	0	0	1	66	25	1	19	0	114	30	0	12	1	0	22	0	1	5520
	ULT-08-	12.	0.0	<			1.0	<				>1	<1	<0.0			<0.0		<1			<2			<1		<1	<	
3	R-03	5	4	5	70	5	1	1	179	41	1068	.0	0	1	20	<1	1	<1	0	140	<5	0	5	0.93	0	<1	0	1	721
	ULT-08-		2.1	<	12	<	0.0			11		>1	<1		35				27			<2			<1	30	<1	<	
4	R-04	4.6	3	5	5	5	9	9	37	4	1465	0	0	2.15	4	3	0.02	20	0	152	<5	0	33	1.42	0	8	0	1	1572
	ULT-08-	>3	0.0	<	10	<	0.9	2			>100	>1	<1	<0.0			<0.0		<1			<2			<1		<1	<	
5	R-05	0	8	5	5	5	2	1	395	35	00	0	0	1	45	16	1	1	0	144	<5	0	6	0.05	0	33	0	1	6636
	ULT-08-	>3	0.3	<	12	<	2.1	1			>100	>1	<1		14				<1			<2			<1		<1	<	
6	R-06	Ō	3	5	5	5	0	8	529	30	00	0	0	0.11	7	20	0.01	12	0	222	<5	0	11	0.59	0	35	0	1	4252
	ULT-08-	>3	0.2	<	10	<	1.0	6			>100	>1	<1						<1			<2		<0.0	<1		<1	<	>100
7	R-07	0	4	5	0	5	0	5	471	32	00	0	0	0.04	93	26	0.01	17	0	100	50	0	<1	1	0	28	0	1	00
	ULT-08-	17.	0.0	<		<	0.8					>1	<1	<0.0			<0.0		<1			<2			<1		<1	<	
8	R-08	5	9	5	75	5	3	1	249	54	6129	0	0	1	38	<1	1	<1	0	286	<5	0	<1	1.22	0	21	0	1	1079
	ULT-08-	11.	1.4	<		<	1.8	2			>100	>1	<1		49				<1			<2		<0.0	<1	10	<1	<	
9	R-09	6	4	5	95	5	4	0	508	67	00	0	0	1.14	1	30	0.01	11	0	70	<5	0	57	1	0	2	0	1	5830
	ULT-08-		0.0	<		<	2.9					>1	<1	<0.0					<1			<2			<1		<1	<	
10	R-10	7.3	3	5	65	5	7	6	48	23	1130	0	0	1	52	14	0.01	14	0	86	<5	0	18	0.71	0	<1	0	1	417
	LIL T-08-		14	4		2	22	<				93	<1		42				16			<2			<1	12	<1	<	
11	R_11	15	3	ň	50	ñ	6	1	31	84	343	8	0	1 44	7	<1	0.03	4	0	196	<5	0	23	1 21	0	3	0	1	334
	1311	1.0	0	U	00	0	0		51	34	0.10	•	Ŭ		'		0.00	-	v		.0	0	-0		v		v	•	004

	ULT-08-	>3	0.0	<	10	<	0.8	8			>100	>1	<1	<0.0					<1			<2			<1		<1	<	>100
12	R-12	0	9	5	0	5	7	7	304	66	00 >100	0	0	1	53	16	0.01	12	0	132	60	0	9	0.82	0	30	0	1	00
13	R-13	-3	0.5	5	90	5	4	1	159	48	00	0	0	0.06	61	<1	0.03	4440	0	22	<5	0	18	<0.0 1	0	15	0	1	379
	ULT-08-		0.3	<		<	0.9				>100	9.7	<1		18			>100	<1			<2			<1		<1		
14	R-14	5.3	7	5	75	5	4	9	327	38	00	6	0	0.22	2	6	0.03	00	0	28	40	0	<1	0.38	0	60	0	4	153
15	ULT-08-	10.	0.2	< 5	60	< 5	4.5	<	24	47	>100	4.2	<1	0.16	11	-1	0.02	672	<1	14	~5	<2	16	0.21	<1	10	<1	< 1	00
15	K-15	D	2	5	60	5	9	1	24	47	00	5	0	0.10	0	~1	0.02	0/2	U	14	<b>~</b> 5	U		0.51	0	10	U	I	90
	ULT-08-		0.1	<	14	<	0.2	2	116		>100	>1	<1	<0.0				>100	<1			<2		<0.0	<1		<1	<	
16	R-16	4.0	7	5	0	5	1	0	5	62	00	0	0	1	56	17	0.02	00	0	28	60	0	<1	1	0	24	0	1	72
OC DAT	<b>A</b> :																												
Repe																													
at:	ULT 00				40		4 5						- 4	-0.0								-0			- 4				
1	ULI-08-	>3	U.1 7	< 5	12	< 5	1.5	1	125	14	1606	21	< I 0	<0.0 1	23	68	0.01	21	<1	258	30	<2	ß	0 17	<1 0	67	<1	< 1	002
	ULT-08-	v	0.0	<	Ŭ	<	2.9	<	120	14	1000	>1	<1	<0.0	20	00	<0.0	21	<1	200	50	<2	0	0.17	<1	07	<1	<	302
10	R-10	6.8	3	5	75	5	3	1	49	24	1149	0	0	1	52	4	1	15	0	86	<5	ō	13	0.30	0	2	0	1	418
Respl																													
it:		. 2	0.4		4.4		17	2				~1	-1	~0.0					1		10	~			-1		-1		
1	ULI-08- R-01	>3 0	U.1 8	5	5	5	1.7	4	127	13	1568	0	0	<0.0 1	24	87	0.02	49	0	266	5	~2	18	0.04	0	67	0	1	919
I	14-01	Ŭ	Ŭ	Ŭ	Ŭ	0	0	7	127	10	1000	Ŭ	Ŭ	•		07	0.02	40	Ũ	200	Ū	Ŭ	.0	0.04	Ŭ	07	Ŭ		515
Standar	d:																	¢.											
Pb129		11.	0.8	-		<	0.4	5	_		4000	1.5	<1		37	•		40	41	615	•••	<2			<1		<1	<	
а		3	3	5	15	5	(	1	(	11	1398	Э	U	0.70	U	3	0.03	10	U	2	20	U	34	0.02	U	21	U	1	9928

JJ/ap df/8307s XLS/0 8 ECO TECH LABORATORY LTD.

Jutta Jealouse

B.C. Certified Assayer

# CERTIFICATE OF ANALYSIS AK 2008-8304

**16406 Yukon Inc.** Bay 7080 **Dawson City, YT** V0B 1G0

No. of samples received: 16 Sample Type:Rock **Project: Ultra** Submitted by:Tom Morgan

		Au	Pd	Pt	
ET #.	Tag #	(ppb)	(ppb)	(ppb)	
1	ULT-08-R-01	480	5	<5	
2	ULT-08-R-02	170	5	<5	
3	ULT-08-R-03	280	<5	<5	
4	ULT-08-R-04	100	<5	<5	
5	ULT-08-R-05	220	<5	<5	
6	ULT-08-R-06	260	<5	<5	
7	ULT-08-R-07	200	<5	<5	
8	ULT-08-R-08	410	<5	<5	
9	ULT-08-R-09	200	<5	<5	
10	ULT-08-R-10	380	<5	<5	
11	ULT-08-R-11	40	<5	<5	
12	ULT-08-R-12	220	<5	<5	
13	ULT-08-R-13	350	>1000	490	
14	ULT-08-R-14	60	>1000	630	
15	ULT-08-R-15	<5	100	30	
16	ULT-08-R-16	50	>1000	220	
QC DAT	<u>A:</u>				
Repeat:					
1	ULT-08-R-01	490	<5	<5	
10	ULT-08-R-10	360	<5	<5	
Resplit:					
1	ULT-08-R-01	480	<5	<5	
Standaro	<i>l:</i>				
PGMS-8		840	1560	435	
JJ/nw					ECO TECH LABORATORY LTD.
XI S/07					Jutta Jealouse

Jutta Jealouse B.C. Certified Assayer

24-Oct-08

# CERTIFICATE OF ANALYSIS AW 2008-8304

# **16406 Yukon Inc.** Bay 7080 **Dawson City, YT**

V0B 1G0

No. of samples received: 16 Sample Type:Rock **Project: Ultra** Submitted by:Tom Morgan

		Rh	
ET #.	Tag #	(ppm)	
13	ULT-08-R-13	0.025	
14	ULT-08-R-14	0.001	
15	ULT-08-R-15	0.016	
16	ULT-08-R-16	0.315	

18-Nov-08

Claim Map in Anomalous Hoterzons & Showings





#### ULTRA PROJECT, Yukon Territory 2006 ROCK SAMPLE DESCRIPTIONS and RESULTS

#### Anomaious results in blue

Sampled by J. Pautler

Sampleu u	y J. Mauder				2000 ROCK SAMPLE DESCRIPTIONS and RESULTS	Au in red	m gA;		Gu.	Pb, Zn m	red in %
SAMPLE		NAD 83	ZONE 7		I	Au	Ag	Ni	Cu	Pb	Zn
NUMBER	LOCATION	EASTING	NORTHING	TYPE	GEOLOGY	ppb	ppm	ppm	ppm	ppm	ppm
390022	Jesse East	640333	6757833	rock	10 cm wide pyritic, siliceous zone in greenstone distal exhalte	4.6	0.2	465	69.8	15	21
390023	Out post Mtn.	642668	6758793	rock	hamfelsed metasedimentary rocks with 5% fine pyrite and pyrrhotite	7.4	0.2	33.8	133.7	2	24
390024	Out post Mtn.	642683	6758711	rock	coarse grained diorite with 6% fine pyrite and pyrrhotite	3.1	0.2	43	177.1	1	29
390025	Out post Min.	643194	6758005	soil	deep orange-weak greenish clay fault gouge; 15 cm; at contact between diorite and limestone/argiilite	3.4	0.4	199	177.5	3	132
390026	Out post Mtn.	643435	6757691	soil	med brown soil at contact between limestone and gabbro dyke	3.9	0.4	58	82.3	6	55
390027	Out post Mtn.	643617	6757728	rock	irregular 2-3m wide homfelsed to weak skamified limestone with 5% pyrrhotite	0.5	0.1	1	30.9	1	25
390028	Alteration Creek	650477	6754177	soil	rusty orange-brown C horizon talus fines at minor fault 130/60SW Tertiary basalts and seds	<.5	<.1	35.1	11.4	4	87
390029	Alteration Creek	650468	6754260	soil	rusty orange-brick red clayey C horizon soil exposed by slump; 15 cm; in zone of moderate carbonate on fractures in basalt	<.5	<1	29.5	25.9	2	46
390030	Alteration Creek	650620	6754575	soil	dark rusty C horizon soil from area of Tertiary basalt neck	2.1	<1	36	24	2	81
390031	Alteration Creek	650629	6754589	soil	rusty dark brown C from fault zone trending 025/85W, fault breccia; fractures 115/90N; some coal on fractures	1.4	<.1	7	18.4	1.5	102
390032	Alteration Creek	650682	6754887	soil	rusty prange-minor green C from fault zone trending 110/85N with quartz-carbonate stockwork in Tri greenstone	4.5	<.1	92.1	197	1	74
390033	Alteration Creek	648615	6754529	rock	disseminated pyrite in quartz-carbonate-chlorite-sericite altered zones up to 2m wide in massive black chlorite-gypsum-sericite altered Tri greenstone	93.4	0.2	38	94.3	2	32
390034	Bryson	653370	6752035	rack	3-5% disseminated pyrite and pyrrhotite associated with 030/80W fracture system in Tri mafic volcanics proximal to felsic feldspar porphyry dyke @ 155/70SW near ultramafic	15.1	0.1	34.7	53	3	30
390036	Bryson	653394	6752160	rock	minor carbonate stringers and disseminated pyrite in Tri greenstone	4.2	0.2	60.9	122.8	3	61
390036	Bryson	653783	6752393	rack	minor pyrite in serpentinized peridatite	1.4	<.1	41	48.5	1	72
390037	Bryson	654070	6751996	soil	red-grey clayey C horizon sail below silicified, minor breccisted dolomitic seds	1.7	<.1	27	23.5	2	47
390038	Bryson	654175	6752120	rock	minor disseminated pyrite in serpentinized peridotite	1.1	< 1	42	66.4	1	69
390039	Bryson	654464	6751735	rock	1% disseminated pyrite in serpentinized peridotite	0.8	<.1	24.4	30.8	1	37
390040	Jennifer	643317	8756267	rock	Trench 89-1 area grey quartz-carbonate veining with fine pyrite in limestone	8.1	2.0	15	41.4	5	263
390041	Jennifer	643317	6756267	1.5m chip	malachite stained limestone east side Trench 89-1	2.6	7.5	496	256.4	4	5669
390042	Jennifer	643317	6756287	0.5m chip	siliceous limestone with chalcocite, malachite	2.6	0.2	739	22.1	3	4134
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# ULTRA PROJECT, Yukon Territory

Anomalous results in blue

Sampled by	y J. Pautler				2006 ROCK SAMPLE DESCRIPTIONS and RESULTS	Au in red	in gh		Cu,	Pb, Zn in	red in %
SAMPLE		NAD 83	ZONE 7			Au	Ag	NI	Cu	Ph	Zn
NUMBER	LOCATION	EASTING	NORTHING	TYPE	GEOLOGY	ppb	ppm	ppm	ppm	ppm	ppm
390043	Jenniter	643317	6756287	1.5m chip	crushed-crumbly brown oxidized sphalerite rich zone in limestone, west side Tranch 89-1	4.1	0.3	1107	30.1	17	525
390044	Silver Creek	643488	6758658	rock	rusty white quartz veins with 3% pyrite to 1.5m in weakly pyritic Tri greenstones	39.6	0.6	62.5	307.8	2	78
390045	Upper Bryson	649387	6751374	soil	talus fines from rusty, pyritic Tri greenstone outcrop with 15% massive pyrite	7.8	0.2	52.8	265.2	6	243
390046	Upper Bryson	649345	6751343	rock	greenstone with 10-15 % semi massive pyrite	3.1	0.5	49.5	713.9	6	1654
390047	Upper Bryson	649403	6751246	rock	chalcopyrite, minor pyrite in quartz veins up to 10 cm wide hosted by Tri greenstone	0.9	0.1	16.0	558.5	1	3048
390048	Upper Bryson	649346	6751295	reck	greenstone with 3-5% disseminated pyrite and chalcopyrite as stringers, laminations and disseminations	80	5.1	56.2	1.37%	4	1238
390049	Upper Bryson	649934	6751175	rock	weak carbonate altered gabbro with 5-7% pyrite and minor chalcopyrite; trend 150/80 SW	6.5	0.1	84.8	116	3	39
390050	Bryson East	651367	6750492	rock	quartz-chlorite-sericite-pyrite schist with 5-10% pyrite as laminae and disseminations in greenstone	8.6	4.3	37.2	112.2	608	888
390451	Bryson Creek	651079	6750481	rock	boulders of silicified limestone with pyrite nodules, larninae and fine disseminations, some quartz-carbonate stockwork	6.2	0.3	45.6	225.3	17	540
390452	Jennifer	642576	6755437	1m chip	limestone hanging wall of main vein	1.9	0.2	6.8	36.8	10	31
390453	Jennifer	642576	6755437	0.6m chip	Main Vein zone with quartz veins up to 30 cm with chalcocite, chalcopyrite, spec, malachite, azurite in limestone; trend 080/25W; fractures @ 025/40W, 070/60W	0.9	98.0	9.1	9962.7	296	2541
390454	Jennifer	642576	6755437	1m chip	limestone, +/- brecciated, footwall of main vein with minor quartz stringers with malachite	1.1	0.5	8.9	99.8	5	86
390455	Jennifer	642561	6755431	1.5m chip	four 1-2 cm quartz veinlets with malachite and chalcopyrite, trending D95/40N	<.5	2.4	5.0	350.3	19	233
390456	Jennifet	642561	6755431	rock	Innestone footwall of above	<.5	1.8	4.4	269.5	7	179
390457	Jennifer	642564	6755425	0.3m chip	quartz vein, with chalcocite, malachite, azurite in limestone just north of 390458	<.5	16.2	4.3	2017.6	7	318
390458	Jenniler	642564	6756425	1.5m chip	limestone with quartz stringer stockwork; trends 160/50W, 070/30S, 035/25W	1.3	0.4	5.4	72.9	5	25
390459	Jennifer	642564	6755414	2.5m chip	black limestone @ 030/75W, well fractured with series of 1-5 cm wide flat quartz veins @ 060/20N with malachite, azurite, chalcopyrite,cc	2.1	31.3	9.2	3927.9	10	717
390460	S. Jennifer	642513	6755360	1m chip	rusty black phyllitic argillite tranding 105/85N with rusty quartz veins along foln to 50 cm wide	<.5	0.5	10.5	51.1	15	117
390461	S. Jennifer	642477	6755377	1m chip	strong rusty black argillite with 1m quartz vein along foln @ contact with limestone	<.5	0.6	17.5	46.4	50	82
390462	E. Jennifer	643070	6755323	0.5m chip	usty 30 cm quartz vein along foin with pyrite in altered, bleached sericite altered phylitic siltstone	34.9	0.5	62.4	44.7	7	79

					ULTRA PROJECT, Yukon Territory		Anomalo	us results	in blue		
Sample	d by H. Muelle	r		20	006 ROCK SAMPLE DESCRIPTIONS and RESULTS	Au in red	m gA		Cu,	Pb, Zn m	reid in %
SAMPLE		NAD 83	ZONE 7			Au	Ag	Ni	Cu	Pb	Zn
NUMBER	LOCATION	EASTING	NORTHING	TYPE	GEOLOGY	ppb	ppm	ppm	ppm	ppm	ppm
390122	Kul	641082	6757497	rock	massive argillite cross cut by quartz calcite vein massive pyrite associated with vein	<.5	0.6	55.6	213.2	405.2	54
390123	Kul	641181	6757505	rock	fine gritstone cross cut by grey carbonaceous quartzite vein and dessiminated pyrite	<.5	<1	42.5	9.2	1.8	81
390124	Kul	641238	6757492	rock	quartz vein stockwork in argillite orange rusty brown, some pyrite	<.5	<.1	17.9	26.4	7.4	118
390125	Kul	641367	6757533	float	carbonate attered volcanic greenish cross cut by quartz carbonate vein with some pyrite	<.5	<.1	332.4	41.2	1.8	42
390126	Kul	641569	6757608	float	rusty brown quartz crystals in contact to hosting argillite pyrrhotite scattered throghout, circa 30m uphili from 390125	0.6	03	6.5	11.1	1.9	17
390127	Kui	641679	6757636	rock	rusty orange quartz vein fragment with traces of malacite hosted in argillite	7.4	<.1	38.3	7	4.3	96
390128	Kul	641791	6757853	rock	limestone, rusty brown, manganes stained pytroxanite outcrop 30m away to north	<.5	51.6	123.8	216.1	23.9	2617
390129	Kul	641858	6757667	rock	carbonale quartz vein	3	1.2	389.7	262.6	2.6	130
390130	Kul	645118	6756430	rock	orange grey carbonate dyke cross cutted by quartz vein with chalcopyrite	151.2	2.2	49.0	480.1	11.1	162
390131	3 km NW of Froh	645143	6756451	float	fine grain gabbro some malachite stains and pyrite, source of float 30 meters above	3.7	<.1	40.9	135.6	0.8	62
390132	3 km NW of Froh	645217	6756384	rock	gabbro with some chalcopyrite carbonate quartz vein cross cutting	0.7	<1	36.7	128.3	0.6	66
390133	3 km NW of Froh	645218	6756358	rock	aftered gabbro cross cut by calcite vein rusty brown to yellow white coating	1.2	<.1	68.0	64.5	0.5	73
390134	3 km NW of Froh	644986	6755840	rack	altered arglilite lots of yellow orange hematite along foliation plane in a band, pyrite in matrix	<.5	0.4	13.6	19.8	9.9	24
390135	3 km NW of Froh	644993	6755823	rock	pebble conglomerate with pyrite dissiminated	0.6	<1	19.7	20.3	6.9	48
390136	4 km W of Tell	642782	6753418	float	black brown volcanic, lots of well developed pyrite, float in felsenmeer	1.7	0.2	71.7	185.8	0.6	48
390137	4 km W of Tell	642777	6753434	rock	black green gabbro, pyrite well crystallized throughout	18.6	<.1	14.2	130	0.7	43
390138	4 km W of Tell	642753	6753478	rock	pegmatic gabbro, with some carbonate bands in ash brown segregation containing malachite	3.7	0.3	56.1	913.6	0.5	49
390139	4 km W of Tell	642652	6753666	rock	gabbro, rusty layer loaded with pyrite, rusty greenish black	0.9	<1	16.9	120	0.6	43
390140	4 km W of Tell	642651	6753444	rock	gabbro with green black plagioclase, rusty stained	0.6	<1	4.6	32.2	0.7	70

					ULTRA PROJECT, Yukon Territory		Anomelai	us results	in blue		
Sample	d by H. Muelle	r		20	06 ROCK SAMPLE DESCRIPTIONS and RESULTS	Au in red	in grt:		Çv,	Pb. Zn m	ted in %
SAMPLE		NAD 83	ZONE 7		1	Au	Ag	Ni	Си	Pb	Zn
NUMBER	LOCATION	EASTING	NORTHING	TYPE	GEOLOGY	ppb	ppm	ppm	ppm	ppm	ppm
390101	Jesse	639857	6757328	rock	skam, with pyrrhotite and cross cutting calcite veins, schistose	1.2	<1	14.9	68	1.6	19
390102	Jesse	639713	6757313	rock	skam like carbonate rock, yellow to dark brown, calcite mineralization	1	0.3	86.8	167.7	7.2	171
390103	Jesse	639780	6757499	rock	decomposed hydrothermally altered calcic schistose siltstone, stockwork of quartz veins, yellow to rusty brown, truncated by minor fault	1	0.1	13.8	44.2	9.4	15
390104	Jesse	639759	6757487	rock	green, grey mafic dyke, disected by quartz veins, euhydral dessiminated pyrite	1,5	0.1	42.2	144.2	1.7	31
390105	Jesse	639592	6757547	rack	contact mafic/shate, disected by parallel quartz vein, dessiminated pyrite	<.5	0.1	1.9	47	4.9	36
390106	Jesse	639601	6757606	rock	besalt like dyke, blobs of sulfide,	<.5	<.1	16.3	82.5	0.6	21
390107	Jesse	639608	6757659	rock	carbone altered pyroxenite, finely dissiminated sulfide,	<.5	<1	11.6	11.1	1.7	88
390108	Kul	641511	6757772	float	quartz carbonate rock, cubes of pyrite, some epidote,	<.5	0.2	26.0	77.5	22.6	25
390109	Kul	641469	6757747	ñoat	quartzitic argiilite, pyrrhotite throughout,	<.5	<.1	3.4	10.9	6.1	9
390110	Kul	641462	6757737	float	maffic dyke, grey, with pyrrhotite cubes and orange rusty weathered surface	<.5	<.1	69.3	54.7	3.7	64
390111	Kul	641372	6757711	rock	orange grey mafic volcanic layers of dissimitated pyrite	0.8	0.4	51.7	106.6	4.1	72
390112	Kul	641304	6757678	rock	greenish orange weathered volcanic, pyrrhotite throughout	<.5	0.2	265.7	99.4	3.5	70
390113	Kul	641274	6757677	rock	rusty greenish black argillite, some pyrite	<.5	5.5	35.9	5368.7	25.7	152
390114	Kul	641167	6757654	rock	carbonate with some quartz vein and pyrite throughout	3	0.7	43.9	423.5	36.3	20
390115	Kul	641130	6757644	rock	decomposed gritstone probably composed of tetrahydrite	20.4	0.6	49.6	149.6	5.4	303
390116	Kul	641130	6757649	rock	carbonate altered volcanics with stockwork of quartz veins contains pyrrhotite and malachite	142.2	13.8	54.9	3573.1	11	493
390117	Kul	641108	6757635	rock	folded argilite with conformable quartz veining, rusty brown	<.5	0.4	16.8	54.5	11.5	36
390118	Kul	641082	6757617	rock	quartz vein fragment in angilitic country rock, white and rusty brown zones	<.5	<.1	17.8	16.6	1.6	29
390119	Kul	641083	6757621	rock	quartz vein hosted by argelite, rusty brown, at contact some pyrrhotite	6.7	<.1	22.1	36.2	7.4	34
390120	Kul	641064	6757568	fical	dark green peridotite cross cut by quartz vein, matrix contains pyrite	0.7	0.2	57.9	130.4	4.2	42
390121	Kul	641053	6757529	rock	pendotite with pyrite at contact with cross cutting quartz-carbonate veins	1.9	<1	49.6	106	1.7	31

			Balanda a wata dafa kebawa kuta yang a sana kata kan		ULTRA PROJECT. Yukon Territory		Anomalou	is results	in blue		
Sample	d by H. Mueller			20	06 ROCK SAMPLE DESCRIPTIONS and RESULTS	Au in red	m gA.		Cu.I	Pb. Zn in	rød in %
SAMPLE		NAD 83	ZONE 7			Au	Âg	Ni	Cu	Pb	Zn
NUMBER	LOCATION	EASTING	NORTHING	TYPE	GEOLOGY	ppb	ppm	ppm	ppm	ppm	ppm
390141	4 km W of Tell	642530	6753408	rock	rusty brown gabbro, pyrite throughout, carbonate fillings in joints and fractures	<.5	<1	3.4	36.5	0.5	53
390142	4 km W of Tell	642511	6753424	rock	black gabbro with dark rusty brown zones of pyrite	2	<.1	4.4	40.8	0.4	63
390143	4 km W of Tell	642511	6753407	rock	gabbro cross cut by carbonate veinlets some chromite	0.8	<1	4.4	46.7	1	77
390144	4 km W of Tell	642463	6753577	rock	greenish black gabbro with pegmatic amphiboles crystallized pyrite throghout	<.5	<.1	3.2	38	0.4	77
390145	4 km W of Tell	542204	6753567	rock	black banded gabbro with quartz, amphiboles	<.5	<.1	10.4	51	0.3	60
390146	Tell	646250	6753804	rock	rusty brown massive sulfides with azurite and malachite	225 1	44.4	29.4	13.41%	59.8	564
390147	Jenniler Zn	643295	6756293	grab	limestone with pyrite rusty brown, and malachite stained	128.7	2.6	185.3	226.1	196.3	1.72%
390148	Jennifer Zn	643291	6756286	2m chip	from trench, limestone rusty brown with pyrite, Pit 89-1	27.1	0.6	112.0	20	52.7	1402
390149	Jennifer Zn	643330	6756308	2m chip	malachitic limestone , grey orange with malachite coating, small parts of rusty brown pyrite	0.5	18.6	20.6	544.3	1.8	1.94%
390150	Tell	646234	6753848	rock	rusty brown pyritic volcanic in contact to alturation zone	<.5	0.1	35	158.5	3.3	115
390151	Teli	846222	6753854	rock	massive pyrite metallic grey, heavy fracture part of thirty cm wide band, between massive volcanics and schistose volcanics	48.0	37.3	26	1.295%	223.0	3819
390152	Tell	646121	6753785	rock	rusty brown manganese stained altered volcanic, pyrite in blobs	< 5	<.1	11	73.9	1.9	131
390153	Tell	645965	6753935	rock	quartz vein rock fragment white to rusty brown	1.9	0.5	24	216.0	3.6	97
390154	Tell	645934	6753925	rock	greenish black volcanic with crystalline pyrite	<.5	<1	11	58.7	0.5	57
390155	Teil	645895	6753935	rock	quartz vein fragment of ten centimeter quartz vein cross cutting volcanic rock containing pyrite	<.5	<.1	32	119.5	0.5	40
390156	SE of Tell	647637	6752196	ficat	massive pyritic volcanic	<.5	<.1	9	58.7	0.9	43
390157	SE of Tell	647911	6752441	1.5m chip	rusty brown, baseltic intrusion cross cutting gabbro with chalcopyrite throughout	1.6	<1	9	113.7	0.6	22
390158	SE of Tell	648005	6752536	rock	rusty stained gabbro with carbonate vein some pyrite crystals	<.5	<.1	30	62.0	2.4	53
390159	Teli	646156	6753792	rock	malachite stained rusty volcanic also epidote, chip sample	<.5	<1	20	511.4	0.6	66
390160	Tell	646220	6753849	2m chip	fractured volcanics, hanging wall to massive sulphides	5.0	0.4	44	157.6	16.0	355
390161	Tell	646212	6753855	2m chip	adjacent to atteration zone in competent rusty volcanics	4.5	0.2	47	520.8	4.1	337

					ULTRA PROJECT. Yukon Territory		Anomalo	us results	in blue		
Sample	d by T. Morga	n		:	2006 ROCK SAMPLE DESCRIPTIONS and RESULTS	Au in red	in '9/1,		Cu, Pb.	En im ræd i	n %
SAMPLE		NAD 83	ZONE 7	1		Au	Ag	Ni	Cu	Pb	Zn
NUMBER	LOCATION	EASTING	NORTHING	TYPE	GEOLOGY	ppb	ppm	ppm	ppm	ppm	ppm
390051	NW of Froh	646393	6754928	rock	carbonate altered marginal gabbro with minor pyrrhotite at sediment contact along NE edge of peridotite body	1.1	0.4	66	258.1	5	54
390052	NW of Froh	645030	6756898	rock	Quartz vein in mafic volcanics with pyrite	7.5	0.2	52	130.1	1.9	4
390053	NW of Froh	645125	6756771	reck	Massive to stockworked pyrite in limestone along edge of matic volcanics	7.2	1.1	121.2	13.3	11.2	27
390054	NW of Froh	645038	6756783	rock	Massive to disseminated pyrite in melic volcanics	24.3	1.3	90.5	66.2	5.4	33
390055	NW of Froh	645044	6756762	rock	Chalcopyrite, malachite, azurite in quartz vein hosted in mafic volcanics 20m from cooked up firmestone	5.9	4.4	20.9	7125.6	1	28
390056	NW of Froh	645044	6756782	rock	Pyritic blebs 3-5cm wide in matic volcanics next to quartz vein	22.6	1.1	94.3	202	5.8	47
390057	Silver Creek East	646360	6758454	rock	Mafic volcanics contact with limestone seds pyrite/ chalcopyrite/ malachite in blebs 5cm and disseminations	40.9	0.6	358.7	1636.6	2.3	14
390058	Teli	646323	6753684	greb	Trench 06-1 to -2 area, massive 5cm wide layers at lower end of Telluride showing @2500m with pyrite and minor calco/sphalerite	41.0	6.8	6	458.2	74.7	1273
390059	Teli	646312	6753742	0.4m chip	Trench 06-4 area; massive lense of sulfide 30m along strike to north from 058 mostly pyrite	92.2	34.7	55	6857.2	962.6	8.15
390060	Tell	646269	6753767	grab	50m NW of 390059, volcanic outcrop in fault zone between 0059 and 0060 massive sulfide samples	9.6	2.9	47.7	4426.2	16.2	405
390061	Tell	646256	6753795	0.75m chip	30m N of 390060; massive suifide lense 40m north of last showing of massive along faulted of continuation off strike slip	250.4	56.0	30.7	7.65	142.7	3086
390062	Tell	646260	► 6753804	4m chip	30m N of 390060; massive sulfide 25m from 0061 along local stike with chalcopyrite and sphalerite	145.3	17.8	12	3.23	144.9	8.75
390063	Tell	646260	6753804	grab	peridotite from outcrop with disseminated sulfide and serpentinite	14.8	1.7	727.0	2390.6	4.7	227
390064	Tell	646260	6753804	grəb	silicified contact material between peridotite and volcanics with purite chalco min	3.2	0.4	60.9	631.3	4.8	880
390065	Teli	646260	6753804	1m chip	across peridotite limestone contact massive pyrite	1.3	0.4	689.9	428.2	3.9	82
390066	3 km NW of Froh	644824	6756454	grab	outcrop of pyritic green volcanics	0.8	<.1	5.7	162.2	1.3	62
390067	3 km NW of Froh	645002	6755885	grab	pyritic volcanic	19.5	0.2	24.6	81.1	1.5	20
390068	3 km NW of Froh	645002	6756885	grab	outcrop of pyritic green volcanic	4.6	0.1	55.9	64.9	1.8	107
390069	3 km NW of Froh	644969	6756458	0.5m chip	chalcopyrite in sitistone shele layers	1.6	1.7	55.8	1614 1	15.7	77
390070	4 km W of Tell	642807	6753565	grab	pyritic contact material between green volcanics and carbonates	3.4	<.1	13.2	115.7	0.6	22
390071	4 km W of Tell	642751	6753803	grab	pyritic gabbro at contact with green volcanics	0.8	<1	32.3	36.4	0.4	26

					ULTRA PROJECT, Yukon Territory			Anomalous results in blue					
Sampled by T. Morgan				2006 ROCK SAMPLE DESCRIPTIONS and RESULTS			Au in red in g/l.			Cu, Pb, Zn in red in %			
SAMPLE		NAD 83	ZONE 7			Au	Ag	Ni	Cu	Pb	Zn		
NUMBER	LOCATION	EASTING	NORTHING	TYPE	GEOLOGY	pph	ppm	ppm	ppm	ppm	ppm		
390072	4 km W of Tell	642715	6753837	grab	pyritic gabbro at contact with green volcanics some calco and epidote	71.0	0.3	17	15.6	2.8	35		
390073	4 km W of Tell	642918	6753810	grab	pyritic guartz vein material at contact with gabbro and limy seds	12.7	0.8	8.9	1318	2	10		
390074	4 km W of Tell	642652	6754144	grab	pegmatitic gabbro material at contact with limy seds	6.1	0.1	38.1	177	1.2	53		
390075	Tell	646093	6753809	grab	disseminated pyrite-malachite in sheared volcanics near peak	32.7	10.0	441.7	485.1	24	6.07		
390076	Tell	646093	6753809	grab	Disseminated pyrite-chalcopyrite-malachite in volcanics taken at old sample site ULT-21-R-039 in feeder zone	1.2	<.1	45.9	1982 6	1	599		
390077	Bryson Creek	661367	6750492	grab	trace malachite in rusty sericite altered greenstone	6.7	1.8	79	295	190	2214		
390078	Nunatak	648715	6751708	2m chip	footwall material along shear with malachite and chalcocite sample	1.4	0.1	63.7	796.3	3.0	358.0		
390079	Nunatak	648715	6751708	3m chip	massive to stringer pyrite calchopyrite developed in main shear in volcanics	13.6	7.2	27.9	11.539	30.0	1514.0		
390080	SE of Tell	649472	6752279	grab	pyrite-epidate in green volcanics on glacial flats at head on Bryson Cr	9.3	0.2	120.7	139.4	19.5	20.0		
390081	W of upper Bryson	649288	6751380	1m chip	hanging wall stringer pyrite malachite 35m west of main shear sulfide zone	27.5	1.3	37.9	347.9	56.6	367.0		
390082	W of upper Bryson	649290	6751414	2m chip	footwall sample of malachite chalcocite in altered volcanic	50.9	43	39.2	2 341	49.1	197.0		
390063	W of upper Bryson	649290	6751414	3m chip	massive to stringer pyrite chalcopyrite in sheared volcanics of main shear	8.7	0.5	66.1	6171.7	10.6	1746.0		
390064	W of upper Bryson	649478	6751239	1m chip	massive to stringer pyrite in sheared volcanic	0.5	0.4	40.3	4208	1.1	384.0		
390085	W of upper Bryson	649419	6751216	0.5m chip	malachite pyrite in sheared volcanic	9.7	10.2	19.1	5 348	4.2	651.0		
390086	W of upper Bryson	649380	6751211	grab	massive chalcopyrite 5cm wide in sheared volcanic along footwall of quartiz vein	<.5	0.1	4.6	2694.3	0.2	148.0		
390097	W of upper Bryson	649380	6751211	0.5m chip	sample of pyritic malachite stained quartz vein	44.1	6.1	29.5	333.4	5.4	26.0		
390086	Tell LZ	646309	6753935		Helipad on Telluride								

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