

Brown Creek Area - Final Report
2009 YMIP FUNDING
UNDER THE FOCUSED
REGIONAL MODULE

PREPARED FOR:
TANANA EXPLORATION INC.
27 TUTSHI ROAD
WHITEHORSE, YUKON
Y1A 3R4

BY:
WADE CARRELL
FEBRUARY 1, 2010

INTRODUCTION

This report outlines basic exploration work directed at appraising the regional mineral potential of the Quiet Lake area in south- eastern Yukon. The exploration work was carried out during the 2009- field season and is based on research completed by Wade Carrell, whose statement of qualifications is appended to this report. Personnel involved in the project were Wade Carrell and 2 contract workers.

PROJECT LOCATION

The project area is centered on Brown Creek in the Quiet Lake area of the southeast Yukon. It is located on the Teslin map sheet and covers parts of NTS map sheets 105C 14 and 105F 3 and is roughly located between 61° 00' to 61° 15' N Latitude by 133° 00' to 133° 25' W Longitude. Laying within the Whitehorse Mining District the majority of the area, except for that which is claimed by Teslin First Nations (site specific) in the Brown Creek, Crater Creek and Granite Creek areas (near the top, center and bottom of the project area) and a few scattered cottage lots, is vacant Crown Land (see Appendix A for target locations, regional geology and magnetic maps). Current claim sheet is attached.

AREA ACCESS

From Whitehorse, area access is best accomplished by road east on the Alaska Highway to Johnson's Crossing, then north on the Canol Road to Quiet Lake, a distance of approximately 152 km one way. Further access to the various targets within the project area utilized a boat and outboard motor as well as a helicopter from a base camp located at the north end of Quiet Lake.

EXPLORATION MODELS

The main target of exploration within the project area focused on placer gold as well as a variety of copper-gold-silver-lead-zinc mineral deposit types.

TARGET DESCRIPTIONS

Placer gold mineralization occurring within the glacial outwash tills and creek gravels is historically documented in the Brown Creek area within and along the northeast margin of the Quiet Lake Batholith (see generalized Regional Geology, Appendix A). Two occurrences were discovered during two main periods of exploration in the late 1930's and the mid to late 1970's

that dominantly contain magnetite, gold, galena, chalcopyrite and pyrite as well as lesser amounts of arsenopyrite.

Mineralization appears to be structurally controlled by the intrusive contact between granite, biotite schists, limestones and phyllites. It is attributed to the migration of hydrothermal solutions along the fractures and jointing and subsequent weathering into the creek gravels. It is readily identified in the field by the presence of iron and manganese oxide stains in the sand, on the cobbles, fractures, veins and occasional outcrops of ferro-crete (seen in Brown and Arseno Creeks).

Prospecting has identified several areas of interest within the regional, which are shown in Appendix A and are described below.

TARGET AREA # 1 – Located at approximately 61°08'N to 61°13'N Latitude between 133°14'W to 133°28'W Longitude on the top of map sheet 105F-03 in the area of Brown Creek. This target area is underlain by Paleozoic limestone, phyllite and schist, near the contact with the Quiet Lake Batholith along its northeastern margin. Two areas of placer activity have been identified in this area. Historic reports of placer mining in the area have apparently never been traced back to bedrock sources (Minfile Occurrence 105F 111). Prospecting in conjunction with stream sediment and till sampling was carried out in an attempt to identify the source of the placer activity as well as possibly other previously unrecognized occurrences. Late in 2008 two small claim blocks were staked to protect the occurrence. Additional claims were staked in 2009 to spoil the area. Small orientation ICP stream sediment and bulk pit gravel sample surveys were done on the Brown claims and lease in 2009 to test the viability of this area. A helicopter was used to sample the upper reaches of Brown Creek east of Pisa Mountain. This area of Brown Creek is well within the Quiet Lake Granite Batholith. Assays from samples taken in this area were negligible. Initial creek samples indicate promising mineralization in the lower creek area. Sample #0408S, with the highest gold value (4720ppb) in the regional area was taken from the canyon above the outwash fan. Due to budget constraints this area was not visited again in 2009.

TARGET AREA # 2 – Located at approximately 61°07'N to 61°13'N Latitude/133°12'W to 133°18'W Longitude on map sheet 105F-03 and accessible by boat. Placer gold was discovered on Arseno Creek in the 1930s. Various operators in the area through- out the 1930s found variable amounts of placer gold in hand dug pits and trenches near the creek in old channels. Prospecting did not reach the contact with the Quiet Lake Batholith and the biotite- cloritic-schists on its eastern margin. Two claims were staked in 2008 to spoil this target area.

Prospecting and ICP stream sediment sampling was completed to test for placer gold and other mineralization related to various fault / fracture structures. Results from samples returned the highest silver, copper and zinc values for the regional survey area. Gold was marginally anomalous in this creek. For reasons stated above this area was not followed up in 2009.

TARGET AREA # 3 – Granite Creek, located at approximately 61°00'N to 61°03'N Latitude, 133°04' to 133 25'W Longitude on map sheet 105F-03, which is accessible from the Canol Road by boat. This area lies on the eastern margin of the Quiet Lake Batholith. Prospecting and stream sediment geochemistry samples were taken from both ends of Granite Creek in 2009. There is an abundance of heavy black sand in all samples from this creek. Two quartz claims were staked near the headwaters. Results from the heli – sampled west end of the creek (claim block) were disappointing. However anomalous values of gold, were returned from both samples (0425 @ 740ppb & 0428 @ 960ppb) taken from the Granite Point area. This area should be considered as a future reconnaissance target. This area was not revisited in 2009, due to budget constraints.

REGIONAL TARGET AREA: – Seven creeks were located between Arseno Creek and Granite Creek on map sheet 105F-03; this area is accessible via boat from the Canol road and is situated 68 km north of the Alaska Highway. Three men prospected and sampled the gravels of each creek. One or more samples were taken from the creeks depending on the amount of black sands recovered in the initial sample. Only twenty four man days were spent hand pitting and sampling the creek gravels in 2009. The second highest gold value (1350ppb) was recovered from the creek draining Dropoff Mountain (sample # 0421S). Phase 2 follow-up of anomalies was canceled.

PROJECT RATIONALE

A number of under-explored and un-staked placer gold targets are known to exist within this region, which is accessible directly from the Alaska Highway, in an area that has not seen any significant exploration activity for nearly 30 years. During two previous periods of historic exploration in this region, work was concentrated on a few specific small scale hand operations on Brown Creek. Little or no follow-up work on targets identified peripheral to these holdings was done. Numerous historic assessment reports that have been incorporated into the MINFILE database, are available on line and for viewing in the library at the Elijah Smith building. Research of one of these reports has lead to the identification of most of the targets described in this regional reconnaissance report.

DESCRIPTION AND TYPE OF WORK

A regional exploration program for placer gold and various types of Ag, Au, Cu, Pb & Zn mineralization was undertaken in the previously described target areas during the 2009 field season. The project was to rely heavily on ongoing detailed research and a program of targeted geochemical stream sediment, soil/till and rock sampling surveys and prospecting to vector targets for a more detailed follow-up program and ground geophysics. Picks and shovels were used for hand digging and pit sampling for gravels and till. A shovel, ½" screen, 2 plastic buckets and a gold pan were used for collecting stream silt samples. Prospector's rock hammers were used to collect rock samples. All samples collected were placed in plastic sample bags and delivered to Eco Tech Lab in Whitehorse for sample prep. After drying, crushing and screening, 30 gram samples were sent to Eco Tech Laboratory in Kamloops, B. C. for aqua regia digestion and 32 element ICP fire assay. Sampling was initiated as soon as local conditions permitted within the areas described above and as shown on the Claim map sheet in the map pocket at the end of this report.

Targeted geochemical sampling of stream sediments, soil & rock was carried out in the priority areas described above using techniques employed by the Yukon Geological Survey. Detailed prospecting and sampling of representative lithologies was carried out in conjunction with silt/till sampling and any mineralized float or outcrop discovered was prospected and sampled immediately.

Due to budget constraints only 1 rock and 1 till sample and 21 silt samples were sent to Echo Tech Lab in Kamloops, for standard ICP multi-element analysis. Detailed follow-up and investigation of anomalies detected during the initial exploration phase were to be undertaken on a priority basis after compilation of the analytical results and the collected geological data. Phase two exploration activities were canceled.

Phase 1 reconnaissance and sampling took 36 man days and \$19,170.25 was spent to complete this work (a Detailed Project Budget is presented as Appendix C). Budgeting for Phase 2 assumes increasing gold prices in the future.

ENVIRONMENT/RESOURCES

No special environmental/resource concerns are known for any of these areas. The Department of Indian and Northern Affairs has implemented land use regulations in the Yukon Quartz Mining Act. Under these regulations, approval of a land use permit will be required prior to commencing any exploration activity that exceeds the Class 1 threshold (Class 1 activities are exempt). The work currently completed will not exceed the Class 1 threshold and thus activities

in these areas adhered to the operating conditions setout in Schedule III of the Yukon Quartz Mining Land Use Regulations and follow reclamation techniques setout in DIAND's Handbook to Reclamation Techniques in the Yukon for camp sites and control of erosion associated with trenching. Native land tenure and title rights were respected on any claimed land adjacent to the project areas and any environmental concerns were addressed through strict adherence to the Operating Conditions of the Mining Land Use Regulations for Class I, II, III and IV Programs. In addition any camp areas were properly maintained by following guidelines for no-trace camping and all garbage was properly handled and removed from the areas during and upon completion of each project. Of up most importance was the maintenance of water quality standards in the areas by ensuring that creek banks were not disturbed and/or eroded and that wash and human waste disposal areas did not contaminate any ground water sources.

DESCRIPTION OF SUPPORTING DATA/RESULTS

Find attached to this report: YMIP Final Submission Form; A detailed summary of all expenditures incurred during the exploration program, tabulated by dates, recipients of payment, nature of expense and the amount, supported by accompanying receipts or invoices not previously submitted; A daily log outlining the work activity for each day, including dates worked and a description of the work accomplished. This log will be accompanied by copies of detailed field notes and traverse maps showing the location of work performed, observations made, etc.; Maps and plans indicating the location of all work performed and samples taken; Copies of all assay certificates and analytical results.

CONCLUSIONS AND RECOMMENDATIONS

Pan concentrates from samples taken on Brown, Arseno, Granite and two un-named creeks indicate potential for placer gold to be concentrated in the gravels of all these streams. Follow – up prospecting is recommended for lower Brown Creek. Placer leases staked on lower Brown Creek in 2008 and 2009 will be allowed to lapse. Follow-up prospecting is recommended for Arseno, Granite and two unnamed creeks.

When stock market conditions improve, placer mining companies find funding or the price of gold and silver skyrocket, continued work is recommended in this area.

REFERENCES

DEKLERK, R. and TRAYNOR, S. (COMPILERS), 2004. Yukon MINFILE: – a database of mineral occurrences. Yukon Geological Survey, CD-ROM.

YUKON GEOLOGICAL SURVEY WEBSITE – MAP GALLERY

APPENDIX A

TARGET AREA LOCATION MAP
REGIONAL GEOLOGY MAP
MAGNETIC MAP

APPENDIX B

MINFILE OCCURRENCE SUMMARY
CLAIM STATUS REPORT
CURRENT NTS CLAIM SHEET

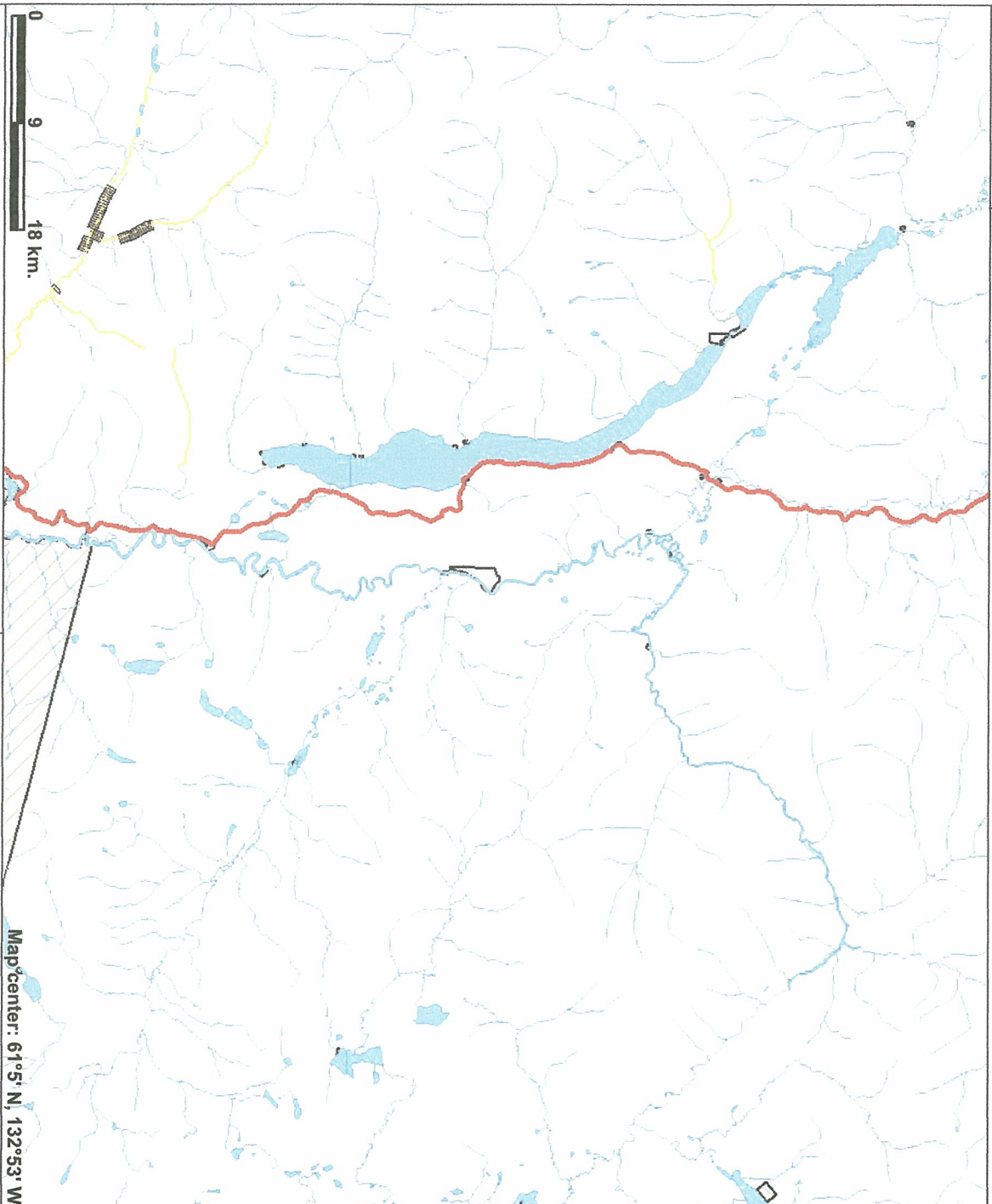
APPENDIX C

ACTIVITY LOG
DETAILED EXPENDITURES
ASSAY CERTIFICATES
SAMPLE LOCATION MAP
GPS DATA SHEET
COLOR COMPILATION MAPS

APPENDIX D

STATEMENT OF QUALIFICATIONS

Brown Creek; Quiet Lake Regional Location Map



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Map center: 61°5' N, 132°53' W

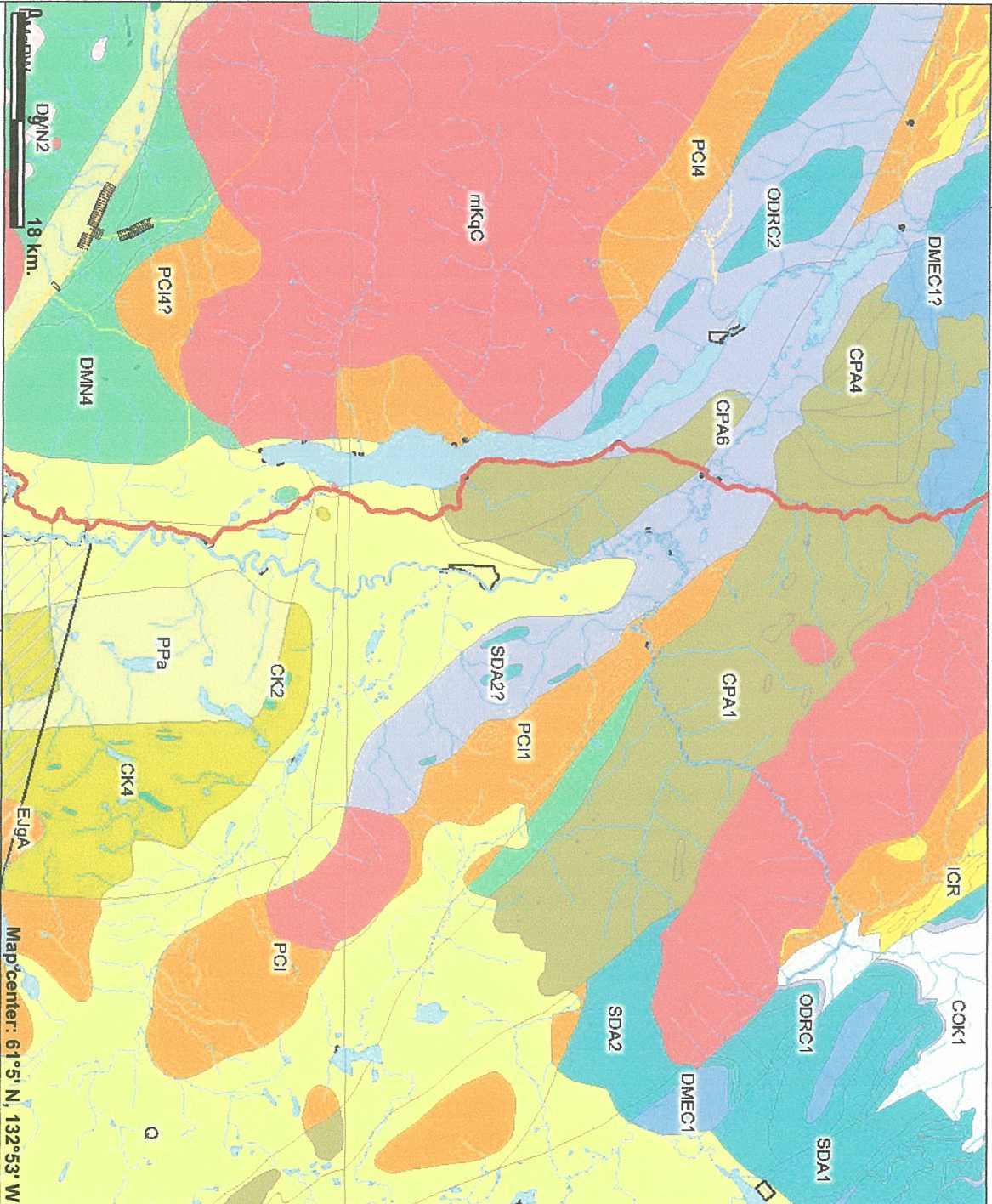


Legend

- Yukon Border - Surveyed
- Identified Placer Mining Stream (250k)
- Major gold-bearing streams with significant mechanized placer mining operations
- Proven or potential gold-bearing streams with some prospecting or exploration history, but no significant placer mining operations
- Placer Claims**
 - Active
 - Expired
- National Road Network - All Roads**
 - Expressway / Highway
 - Arterial
 - Collector
 - Ramp
 - Resource / Recreation
 - Local / Street
 - Local / Strata
 - Local / Unknown
 - Alley or Service Lane
 - Service Lane
 - Winter
- Watercourses (250k)**
- Land and Sea**
 - Ocean
 - Yukon
 - Other
- Places (All)**
 - City
 - Town



Quiet Lake Regional Geology Map



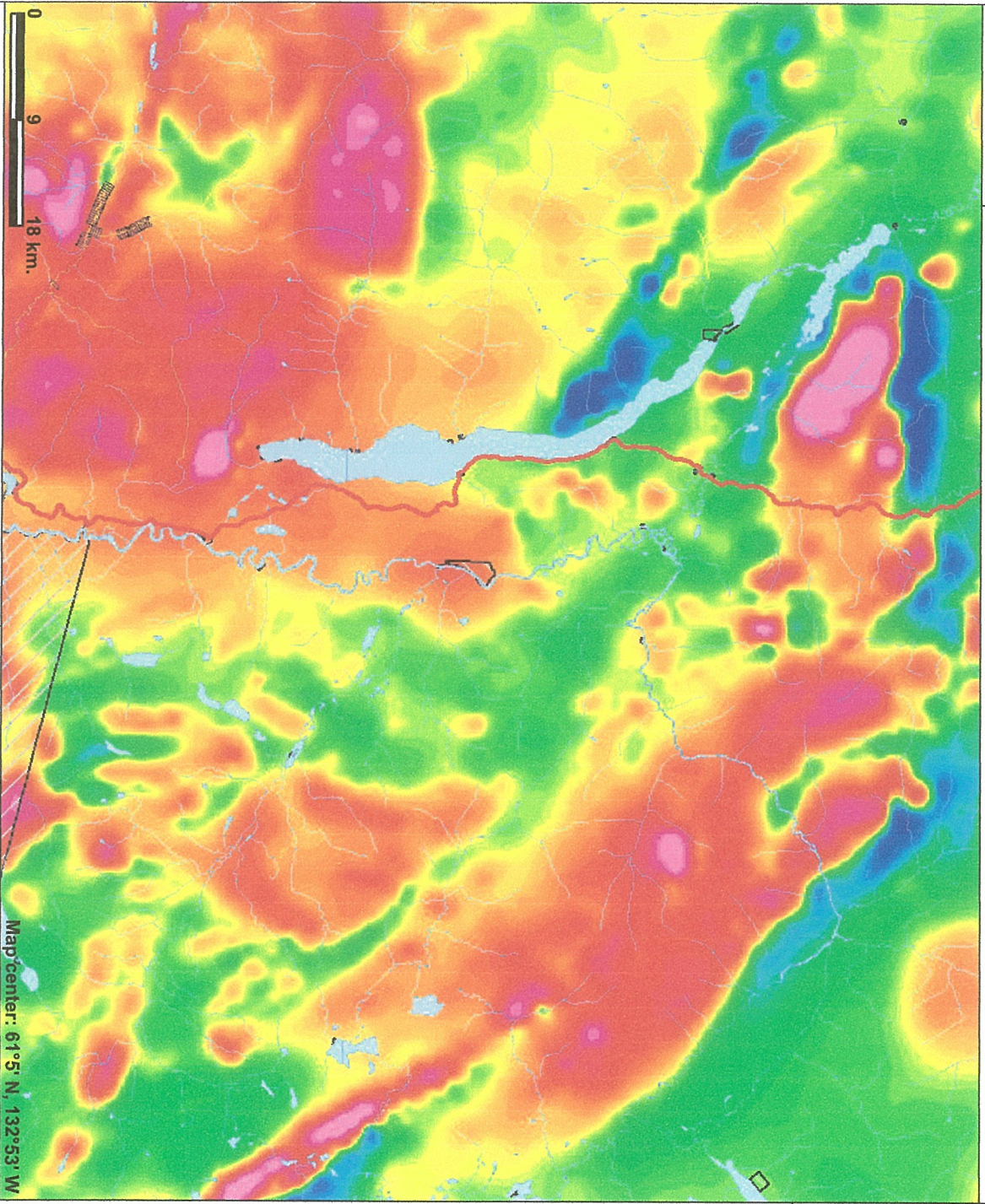
This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



Legend

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 - Major gold-bearing streams with significant mechanized placer mining operations
 - Proven or potential gold-bearing streams with some prospecting or exploration history, but no significant placer mining operations
 - Placer Claims**
 - Active
 - Expired
 - National Road Network - All Roads**
 - Expressway / Highway
 - Arterial
 - Collector
 - Ramp
 - Resource / Recreation
 - Local / Street
 - Local / Strata
 - Local / Unknown
 - Alley or Service Lane
 - Service Lane
 - Winter
 - Watercourses (250k)**
 - Land and Sea**
 - Ocean
 - Yukon
 - Other
 - Places (All)**
 - City
 - Town
- Scale: 1:508,648

Quiet Lake Regional Total Field Geophysical Map



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Map center: 61°5' N, 132°53' W



Legend

- Yukon Border - Surveyed
- Identified Placer Mining Stream (250k)
- Major gold-bearing streams with significant mechanized placer mining operations
- Proven or potential gold-bearing streams with some prospecting or exploration history, but no significant placer mining operations
- Placer Claims**
 - Active
 - Expired
- National Road Network - All Roads**
 - Expressway / Highway
 - Arterial
 - Collector
 - Ramp
 - Resource / Recreation
 - Local / Street
 - Local / Strata
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 - Alley or Service Lane
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- Watercourses (250k)**
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 - Other
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 - City
 - Town



Scale: 1:508,648

MINFILE: 105F 111
PAGE: 1 of 1
UPDATED: 1992/05/18

**YUKON MINFILE
YUKON GEOLOGICAL SURVEY
WHITEHORSE**

MINFILE: 105F 111
NAME: ROTHBAUER
STATUS: UNKNOWN
TECTONIC ELEMENT: CASSIAR PLATFORM
DEPOSIT TYPE: UNKNOWN

NTS MAP SHEET: 105F\3
LATITUDE: 61° 12' 29" N
LONGITUDE: 133° 13' 38" W

OTHER NAME(S):
MAJOR COMMODITIES:
MINOR COMMODITIES:
TRACE COMMODITIES:

CLAIMS (PREVIOUS & CURRENT)

FER

WORK HISTORY

Staked as FER cl (YA62131) in Aug/81 by D. Rothbauer.

GEOLOGY

The claims are probably underlain by pelitic carbonate and limy clastic rocks of Ordovician-Silurian age, and were probably staked in conjunction with nearby placer activity.

REFERENCES

Claim Status Report

01 February 2010

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
GRANITE 1 - 2	YC90082 - YC90083	2010/08/20	Ivan Elash	100.00	105F03

Criteria(s) used for search:

CLAIM NAME: GRANITE CLAIM STATUS: ACTIVE & PENDING REGULATION TYPE: QUARTZ

Left column indicator legend:

- R - Indicates the claim is on one or more pending renewal(s).
- P - Indicates the claim is pending.

Right column indicator legend:

- L - Indicates the Quartz Lease.
- F - Indicates Full Quartz fraction (25+ acres)
- P - Indicates Partial Quartz fraction (<25 acres)

Total claims selected : 2

- D - Indicates Placer Discovery
- C - Indicates Placer Codiscovery
- B - Indicates Placer Fraction

PERSONNEL: WADE CARRELL, IVAN ELASH GEOFF BARRINGTON

DATE	PERSONNEL			ACTIVITY DESCRIPTION
	WC	IE	GB	
JULY 3/09	X	X	X	Camp setup; Digging pit; Brown Creek
JULY 4/09	X	X	X	Prospecting & Pit & Stream sampling; Brown Creek
JULY 5/09	X	X	X	Prospecting & Stream sampling; Brown Creek Area
JULY 6/09	X	X	X	Prospecting & Stream sampling; Brown Creek Area
JULY 7/09	X	X	X	Prospecting & Stream Sampling; Brown Creek Area
JULY 8/09	X	X	X	Prospecting & Stream Sampling; Brown Creek Area
JULY 9/09	X	X	X	Prospecting & Stream sampling; Brown Creek Area
JULY 10/09	X	X	X	Prospecting & Stream sampling; Brown Creek Area
				Demobilize & return to Whitehorse
JULY 12/09	X	X		Package & deliver samples; Eco Tech Lab in Whitehorse
				IE
AUG 16/09	X	X		Heil - camp setup & prospecting; Piza Mtn.; Upper Brown Creek
AUG 17/09	X	X		Prospecting & Stream sampling; Brown Creek Area
AUG 18/09	X	X		Prospecting & Stream sampling; Brown Creek Area
AUG 18/09	X	X		Prospecting & Stream sampling; Upper Granite Creek Area
AUG 18/09	X	X		Claim staking; Upper Granite Creek Area
AUG 20/09	X	X		Package & deliver samples; Eco Tech Lab in Whitehorse
JAN 18/10	X			Compile geochemistry data into final report on Brown Creek Area
FEB 1/10	X			Deliver final report on Brown Creek Area Program to YMIP office.

**CLAIM 1 - YMIP # 09-067 FOR TANANA EXPLORATION INC.
(BROWN CREEK PROJECT)**

July 3 to 10, 2009	ICP STREAM SAMPLING & PROSPECTING	
DAILY LIVING EXPENSES		
Wade Carrell	280.00	
Ivan Elash	280.00	
Geof Barrington	280.00	
TRAVEL		
2 Trucks / 304km @ \$.61/km	370.88	
16' Boat/trailer/30 HP	895.00	
ANALYSIS/SHIPPING COSTS		
-Soils, Multi-element ICP		
-Soils, Multi-element MMI		
-Rocks, Multi-element ICP+Au		
CONTRACTORS @ \$350./DAY		
Wade Carrell	2800.00	
Ivan Elash	2800.00	
Geof Barrington	2800.00	
GEOCHEMICAL SAMPLING	included	
TRENCHING	included	
RECLAMATION	included	
REPORT PREPARATION		
FIELD SUPPLIES	150.00	
TOTAL	10655.88	

**CLAIM 2 - YMIP # 09-067 FOR TANANA EXPLORATION INC.
(BROWN CREEK PROJECT)**

Aug 16, 17 & 18, 2009	ICP STREAM SAMPLING & PROSPECTING	
DAILY LIVING EXPENSES		
Wade Carrell	105.00	
Ivan Elash	105.00	
TRAVEL		
Helicopter @ \$1400.0 / hr x 3 + GST	4410.00	
Fuel @ 140 Litres/hr x 3 + GST	661.50	
ANALYSIS/SHIPPING COSTS		
-Soils, Multi-element ICP		
-Soils, Multi-element MMI		
-Rocks, Multi-element ICP+Au		
CONTRACTORS @ \$350./DAY		
Wade Carrell	1050.00	
Ivan Elash	1050.00	
GEOCHEMICAL SAMPLING	included	
TRENCHING	included	
RECLAMATION	included	
REPORT PREPARATION		
FIELD SUPPLIES	150.00	
TOTAL	7531.50	

**CLAIM 3 - YMIP # 09-067 FOR TANANA EXPLORATION INC.
(BROWN CREEK PROJECT)**

July 3 - 12; Aug 16 - 20, 2009 January 18 - 29, 2010	ICP STREAM SAMPLING & PROSPECTING REPORT PREPARATION	
DAILY LIVING EXPENSES		
Wade Carrell		
Ivan Elash		
TRAVEL		
Helicopter @ \$1400.0 / hr x 3 + GST		
Fuel @ 140 Litres/hr x 3 + GST		
ANALYSIS/SHIPPING COSTS		
Stream-Silts, Multi-element ICP	679.03	
-Soils, Multi-element MMI		
-Rocks, Multi-element ICP+Au	24.99	
CONTRACTORS @ \$350./DAY		
Wade Carrell	350.00	
Ivan Elash		
GEOCHEMICAL SAMPLING	included	
TRENCHING	included	
RECLAMATION	included	
REPORT PREPARATION	215.00	
FIELD SUPPLIES		
TOTAL	1269.02	

4-Sep-09
Stewart Group
ECO TECH LABORATORY LTD.
 10041 Dallas Drive
KAMLOOPS, B.C.
 V2C 6T4

ICP MS CERTIFICATE OF ANALYSIS AK 2009- 0436
 Extended Package

Tanana Exploration
 27 Tutshi Road
Whitehorse, YT
 Y1A 3R4

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

No. of samples received: 4
 Sample Type: Till
 Project: Quiet Lake

Values in ppm unless otherwise reported

Et #.	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm		
1	0434	0.1	0.56	1.9	17.0	1.70	0.11	0.26	9.39	3.6	6.5	4.40	9.5	0.99	2.3	0.6	<0.02	5	0.05	5.5	25.7	0.18	317	2.79	0.035	0.70	6.1	257	22.63	12.8	<0.001	<0.02	0.10	0.9	0.3	0.8	4.5	<0.05	0.02	1.1	0.029	0.10	59.8	4	1.1	63.6	0.37		
2	0435	0.1	0.29	0.3	10.5	1.08	0.08	0.10	6.89	1.7	3.5	1.96	3.5	0.55	1.4	0.4	<0.02	5	0.04	3.5	12.6	0.12	197	2.57	0.035	0.46	2.3	243	11.54	7.3	<0.001	<0.02	0.14	0.5	0.1	0.4	2.0	<0.05	<0.02	1.2	0.021	0.06	13.9	2	4.3	27.8	0.32		
3	0436	<0.1	0.39	<0.1	17.0	0.50	0.13	0.09	7.49	1.8	5.5	1.46	2.0	0.76	2.0	0.4	<0.02	<5	0.03	3.5	25.4	0.16	137	1.35	0.038	0.90	2.5	371	7.26	7.3	<0.001	<0.02	0.10	0.9	0.1	0.7	3.5	<0.05	<0.02	1.5	0.043	0.06	31.0	4	0.4	27.8	0.34		
4	0437	0.1	0.41	0.2	17.5	0.50	0.18	0.07	10.08	1.9	5.5	1.72	1.6	0.86	2.1	0.5	<0.02	5	0.04	4.5	27.9	0.15	150	1.42	0.039	1.26	2.5	574	5.78	10.1	<0.001	<0.02	0.10	0.9	0.2	0.9	3.5	<0.05	<0.02	2.3	0.039	0.08	25.3	4	0.3	26.4	0.37		
QC DATA:																																																	
Repeat:																																																	
1	0434	0.1	0.59	2.1	18.5	1.82	0.10	0.22	10.73	5.8	7.5	4.90	9.0	1.05	2.6	0.7	<0.02	5	0.06	7.5	30.6	0.21	339	3.45	0.038	0.84	7.4	266	20.27	13.3	<0.001	<0.02	0.12	1.0	0.4	0.9	5.0	<0.05	<0.02	1.8	0.032	0.14	63.5	6	0.8	55.6	0.29		
Standard:																																																	
Till-3		1.5	0.95	84.6	32.5	0.36	0.45	0.09	26.50	9.8	61.0	0.56	21.2	1.95	3.8	1.1	0.04	105	0.06	12.0	13.4	0.55	301	0.77	0.054	0.76	30.4	421	20.02	6.5	0.003	0.02	0.62	2.8	0.4	1.0	14.5	<0.05	<0.02	2.4	0.058	0.04	1.1	36	0.2	38.9	1.26		



ECO TECH LABORATORY LTD.
 Norman Monteith
 B.C. Certified Assayer

NM/ap
 df/mse8113S
 XLS/09

10-Sep-09
Stewart Group
ECO TECH LABORATORY LTD.
 10041 Dallas Drive
KAMLOOPS, B.C.
 V2C 6T4

ICP MS CERTIFICATE OF ANALYSIS AK 2009- 0437
Extended Package

Tanana Exploration
 27 Tutshi Road
Whitehorse, YT
 Y1A 3R4

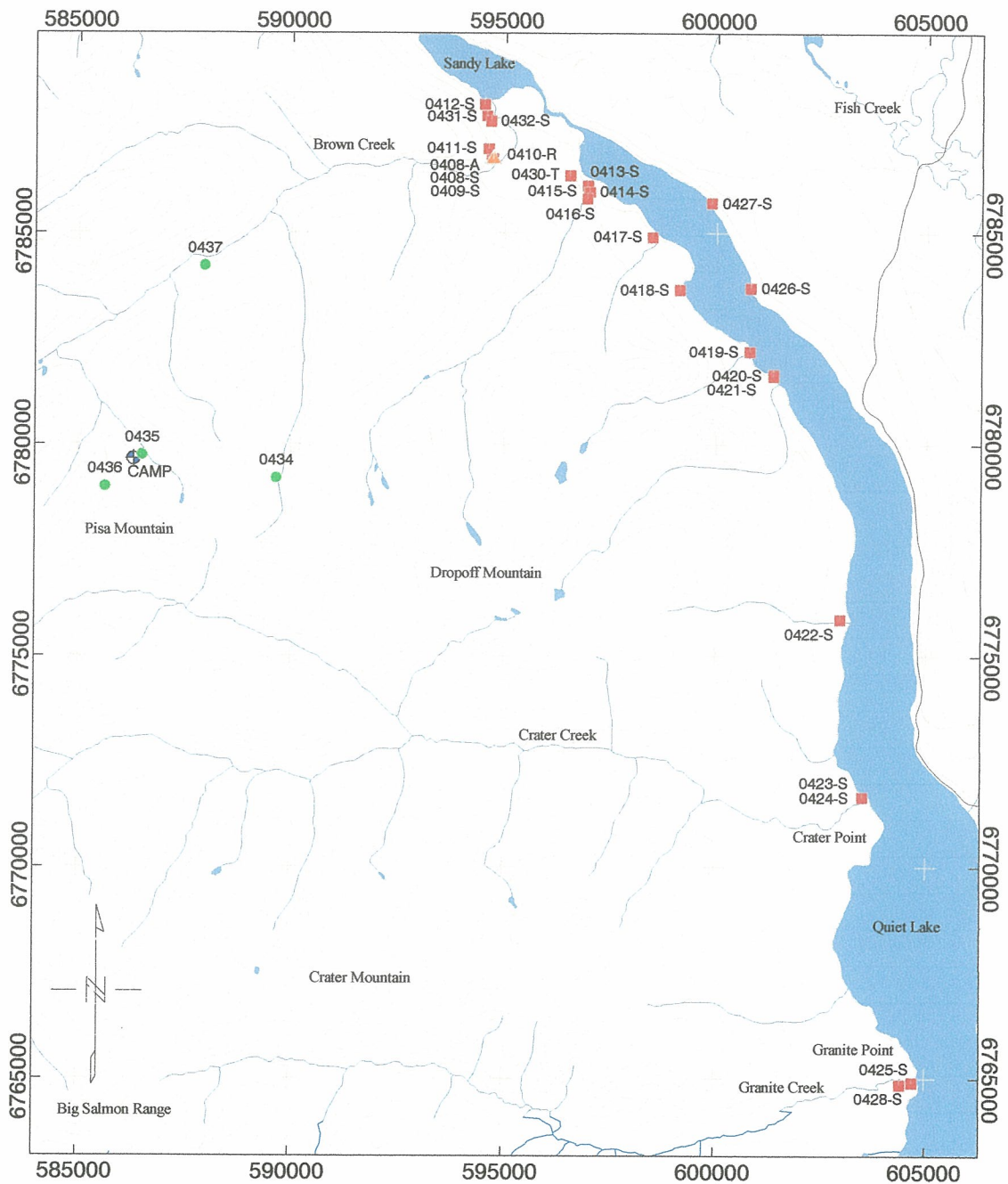
Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 1
Sample Type: Rock
Project: Quiet Lake

Values in ppm unless otherwise reported

Et #.	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
1	0433	<0.1	0.02	0.4	2.0	0.28	<0.01	0.02	0.18	0.6	254.0	0.04	3.7	0.30	0.1	0.1	0.04	10	0.01	<0.5	<0.1	<0.01	26	0.80	0.048	0.16	9.0	5	2.43	0.5	0.001	<0.02	0.10	<0.1	<0.1	0.2	<0.5	<0.05	0.06	<0.1	0.005	0.04	<0.1	<2	1.1	2.6	0.85
QC DATA:																																															
Repeat:																																															
1	0433	<0.1	0.02	0.4	2.0	0.28	<0.01	0.80	0.20	0.6	260.5	0.04	3.7	0.31	0.1	0.1	0.02	10	0.01	<0.5	0.7	<0.01	31	0.75	0.046	0.14	9.8	6	1.57	0.5	0.001	<0.02	0.08	<0.1	<0.1	0.2	<0.5	<0.05	<0.02	<0.1	0.005	0.02	<0.1	<2	1.0	73.3	0.81
Resplit:																																															
1	0433	<0.1	0.01	0.4	1.5	0.19	<0.01	0.10	0.12	0.7	288.5	0.02	3.8	0.34	0.1	<0.1	0.02	5	<0.01	<0.5	0.2	<0.01	29	0.89	0.043	0.10	10.5	4	0.74	0.2	0.001	<0.02	0.06	<0.1	<0.1	0.1	<0.5	<0.05	<0.02	<0.1	0.005	<0.02	<0.1	<2	0.2	0.9	0.85
Standard:																																															
Pb129a		11.6	0.83	5.6	74.5	0.48	0.42	58.01	9.73	5.1	11.5	0.12	1408.0	1.52	2.4	0.5	0.08	65	0.11	4.5	1.3	0.72	390	1.86	0.065	0.38	5.5	418	6273.00	3.1	0.001	0.82	16.62	0.8	0.2	1.1	28.5	<0.05	0.30	0.4	0.047	0.04	0.1	16	0.3	>10000	2.07

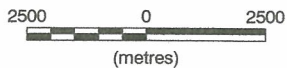

ECO TECH LABORATORY LTD.
 Norman Monteith
 B.C. Certified Assayer



Legend

- Stream Sediment Sample
- Soil Sample
- ▲ Rock Sample

Scale 1:150000



(metres)

NAD83 / UTM zone 8N

Tanana Exploration Inc.

**Quiet Lake Project
Sample Location Map**

NTS: 105F03, 105C14

Date: Jan. 09, 2010

Stewart Basin Exploration

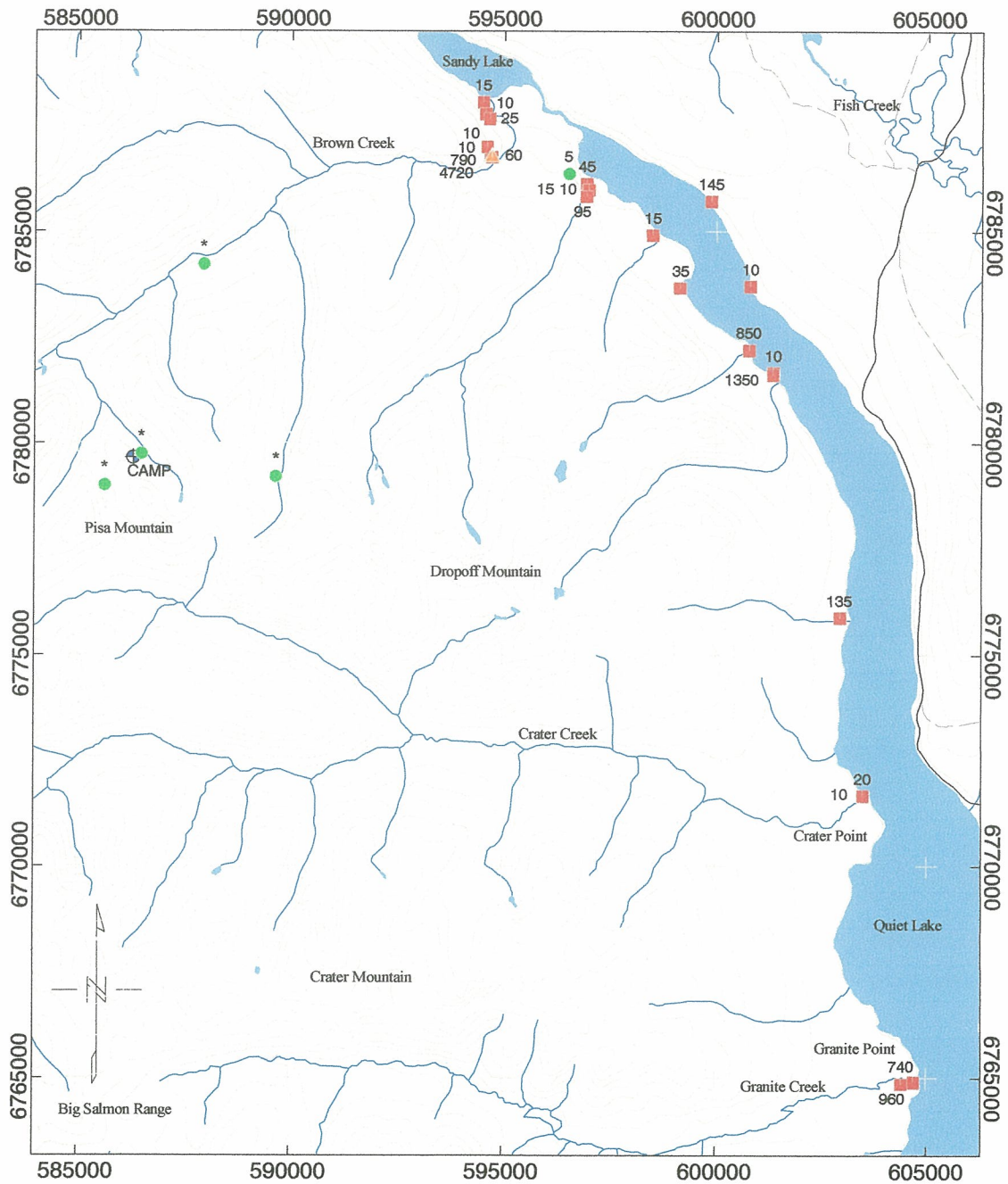
2009 Quiet Lake GPS final, Page 1

Sample	Assay Type	Sample Type	East NAD 83 / UTM Zone 8N	North NAD 83 / UTM Zone 8N
434	ICP	soil	589649.20	6779199.53
435	ICP	soil	586488.20	6779742.13
436	ICP	soil	585621.20	6778999.54
437	ICP	soil	587941.20	6784219.53
0430-T	ICP	soil	596531.86	6786366.70

Sample	Assay Type	Sample Type	East NAD 83 / UTM Zone 8N	North NAD 83 / UTM Zone 8N
0413-S	ICP	stream sed	596947.16	6786127.52
0414-S	ICP	stream sed	596978.53	6785976.87
0416-S	ICP	stream sed	596944.14	6785825.36
0417-S	ICP	stream sed	598495.38	6784912.69
0418-S	ICP	stream sed	599140.53	6783664.80
0419-S	ICP	stream sed	600784.00	6782200.31
0420-S	ICP	stream sed	601350.28	6781662.80
0421-S	ICP	stream sed	601343.60	6781617.01
0422-S	ICP	stream sed	602941.65	6775870.75
0423-S	ICP	stream sed	603495.12	6771656.12
0424-S	ICP	stream sed	603489.39	6771667.24
0425-S	ICP	stream sed	604697.56	6764903.98
0426-S	ICP	stream sed	600802.78	6783705.73
0427-S	ICP	stream sed	599877.47	6785718.89
0428-S	ICP	stream sed	604403.84	6764856.73
0431-S	ICP	stream sed	594557.11	6787772.04
0432-S	ICP	stream sed	594653.09	6787656.35

Sample	Assay Type	Sample Type	East NAD 83 / UTM Zone 8N	North NAD 83 / UTM Zone 8N
0410-R	ICP	Rock	594710.00	6786761.00

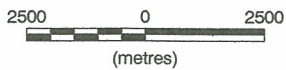
01/18/2010



Legend

- Stream Sediment Sample
- Soil Sample
- ▲ Rock Sample

Scale 1:150000



(metres)
NAD83 | UTM zone 8N

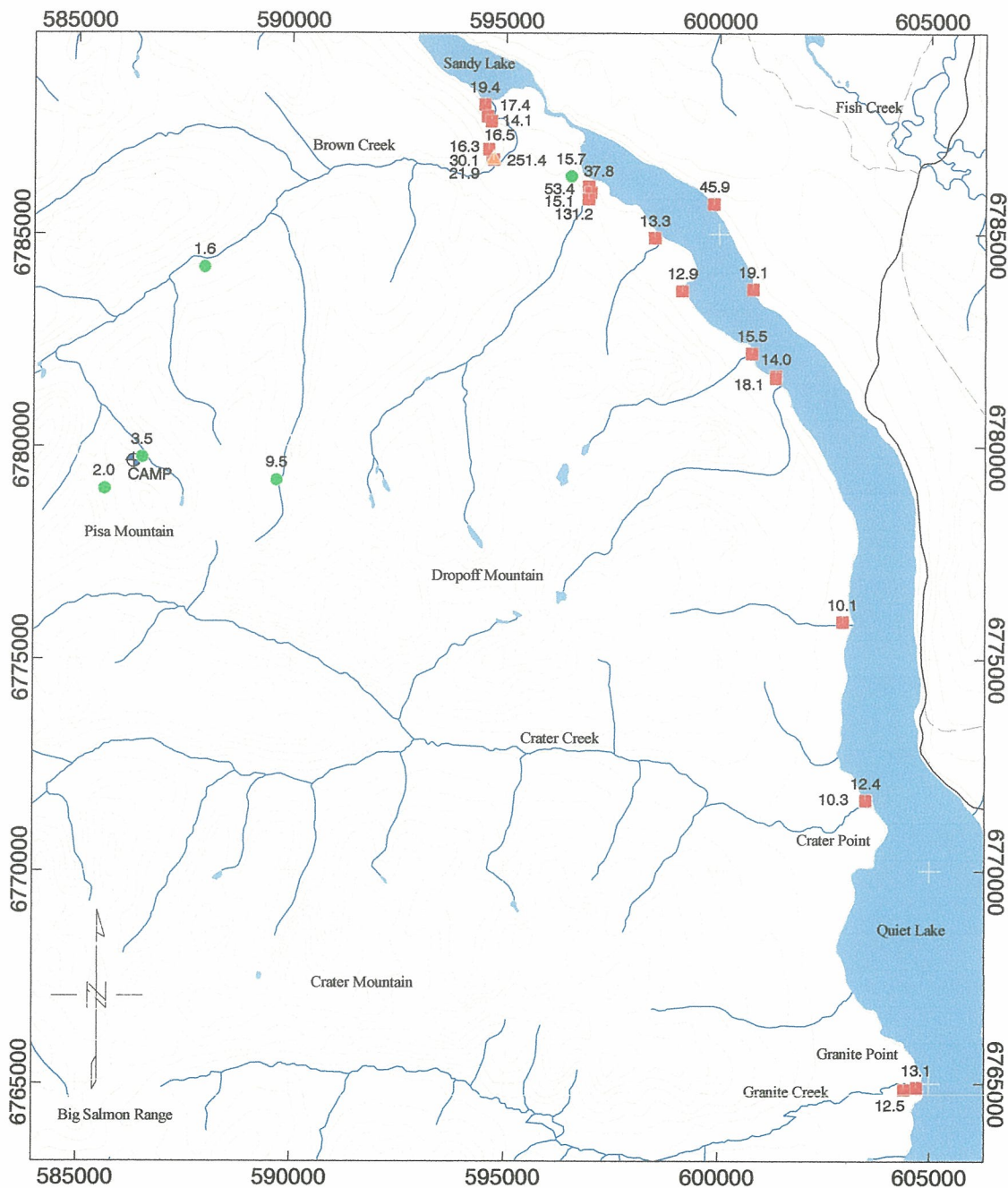
Tanana Exploration Inc.

**Quiet Lake Project
Stream Sediment, Soil & Rock Samples
Au ppb**

NTS: 105F03, 105C14

Date: Jan. 12, 2010

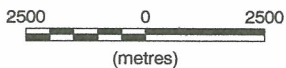
Stewart Basin Exploration



Legend

- Stream Sediment Sample
- Soil Sample
- ▲ Rock Sample

Scale 1:150000



NAD83 / UTM zone 8N

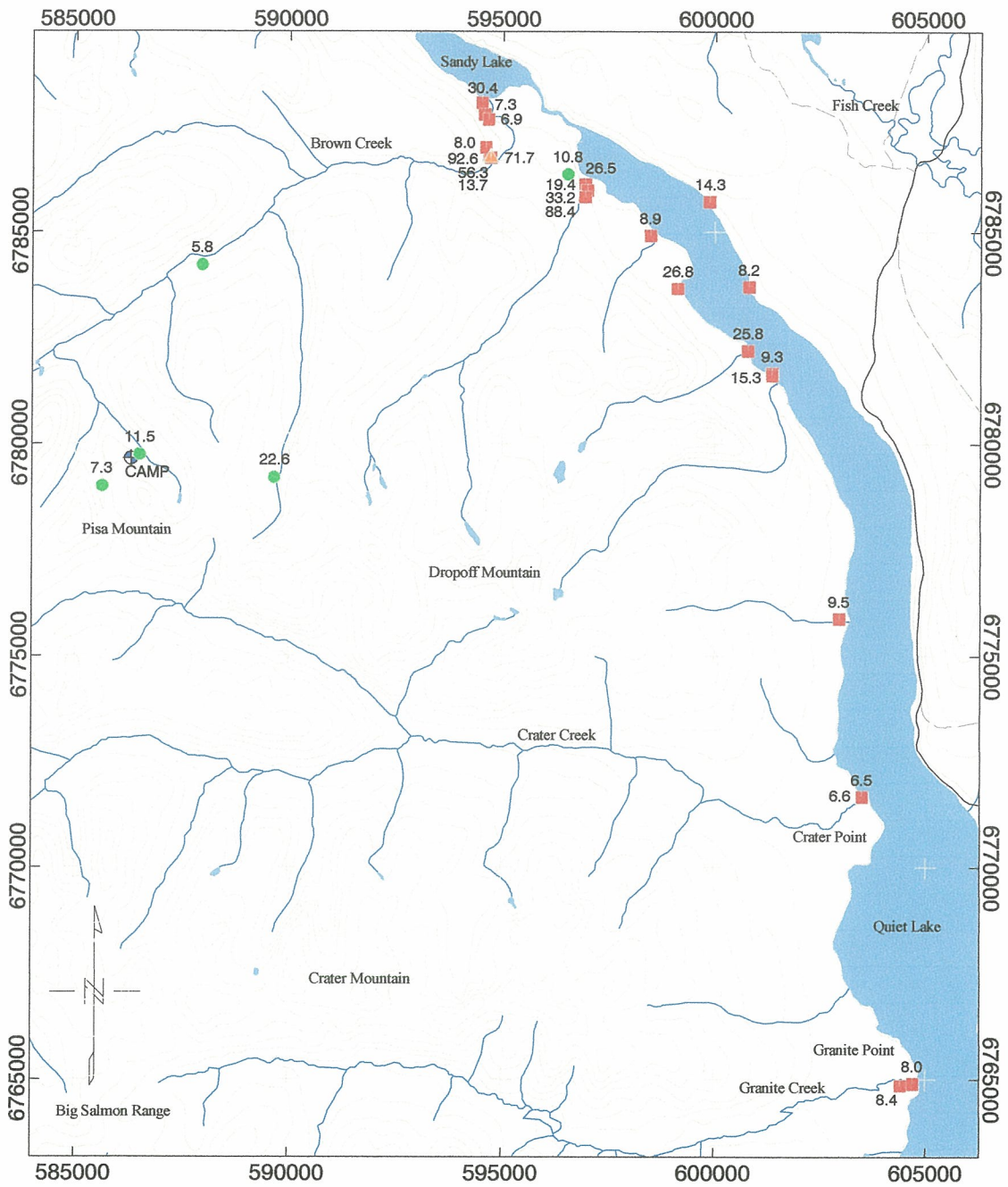
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Quiet Lake Project
Stream Sediment, Soil & Rock Samples
Cu ppm

NTS: 105F03, 105C14

Date: Jan. 12, 2010

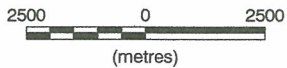
Stewart Basin Exploration



Legend

- Stream Sediment Sample
- Soil Sample
- ▲ Rock Sample

Scale 1:150000



NAD83 / UTM zone 8N

Tanana Exploration Inc.

Quiet Lake Project
Stream Sediment, Soil & Rock Samples
Pb ppm

NTS: 105F03, 105C14

Date: Jan. 12, 2010

Stewart Basin Exploration

STATEMENT OF QUALIFICATIONS

I, Wade Carrell, of 27 Tutshi Road; Whitehorse, in the Territory of the Yukon,
DO HEREBY CERTIFY:

1. THAT I am a Prospector working independently in Whitehorse, Yukon and that I am a Canadian citizen over the age of nineteen with no net income from mineral production.
2. THAT I have successfully completed the Yukon Chamber of Mines Basic Prospecting Course (1993) and the Advanced Prospecting Course (1994 and 1998).
3. THAT I have been engaged in mineral exploration and mining for 15 years in the Yukon and have work extensively on both hard-rock and placer projects for myself and in the past for 15053 Yukon Inc., Dooley Placer Ltd. and for Tanana Exploration Inc, all of Whitehorse and for Klondike Gold Corporation and CMC Metals Ltd. of Vancouver, B.C.
4. THAT this report is based in part on research that I have completed and discussed with Jeff Bond, Bill Laberge and Steve Traynor geologists with the Yukon Geological Survey and with Jim McFaul a contract geologist with Aurora Geosciences Ltd.
5. THAT I have personally supervised and undertaken the exploration work outlined herein.

SIGNED at Whitehorse, Yukon Territory; this 1st, day of February, 2010.



Wade S. Carrell – Pres.
Tanana Exploration Inc.