# 12.0 DATA VERIFICATION

### 12.1 DATABASE VERIFICATION

Information provided to Tetra Tech by Unitronix was in the form of figures, .pdf reports, paper copies of reports, and .kml files for Google Earth™.

Diamond drill logs for the three-drillhole program on the Johnson Claim of the Cobb Bay claim group were provided in paper format. Logs were handwritten, and assay results were glued onto the papers adjacent to the corresponding lithologies. Labissued assay certificates were provided, and a manual check of all assay values in the paper copies of the drill logs was performed by Tetra Tech. The validation of the data was completed on three of the three drillholes accounting for 100% of the drillhole samples. The data verification process examined certificate id, sample number, and Au values. No errors were found. Tetra Tech did not conduct a validation of the surface sample dataset, however numerous lab-issued certificates were provided upon request, and it was noted that anomalous Au values do exist.

It was noted during the data verification process that no QA/QC measures have been employed on any of the sampling programs undertaken by 1522923 Ontario Inc., 3936449 Canada Inc., and Aur Lake Exploration Inc. thus far (including drillhole sampling, outcrop sampling, soil sampling, and trench sampling).

### 12.2 TETRA TECH SITE VISIT

During August 16-19, 2011, the Tetra Tech site visit was conducted by Laura Karrei, P.Geo and was hosted by Michael Bulatovich of 1522923 Ontario Inc.

The Jumping Lake claim (claim 4242887) of the Fourbay group was visited, and the quartz vein described in Section 9.0 - Exploration was mapped over 30 m (Figure 12.1). Check samples were taken over its intermittently-exposed length of several hundred metres.



Figure 12.1 Photo of Jumping Lake Quartz Vein – Segment Exposed over 30 m (Photo Looking 140°)

Due to a lack of readily accessible information regarding where specific samples had previously been taken from in the past, Tetra Tech samples were not taken from the exact location of previous samples, but a best effort was made to reflect the previous sampling methodology of the quartz vein. Samples details are provided in Table 12.1.

Sample	Easting (m)	Northing (m)	Elevation (m)	Description / Comments	Certificate ID	Au (g/t)
1085051	651622	5543410	455	Fragment of white quartz vein with ~3% fine grained pyrite, yellow-red oxidation/staining on surfaces, some hematization, no calcite, hosted within non-magnetic fine grained mafic rock, thought to be from outcrop but possibly from very large boulder, not part of larger quartz vein from which all other outcrop samples are taken	201143059	0.027
1085052	651919	5543042	450	Fragment of white quartz vein (with minor feldspar?), some hematization on surface, no calcite, no visible sulphides, aphanitic black impurities throughout	201143059	0.141
1085053	651918	5543036	450	Fragment of white quartz vein, very fine grained sulphides smears (suspect byrite, slightly magnetic mineral, rainbow-peacock type colouration - oxidation?), 2011 aphanitic black impurities throughout		0.431
1085054	651914	5543031	449	Fragment of white quartz vein, little hematization, no visible sulphides, aphanitic black impurities throughout	201143059	0.01
1085055	651914	5543036	449	Fragment of white quartz vein, hematization throughout, no visible sulphides	201143059	1.060
1085056	651916	5542973	450	Fragment of white quartz vein, weathered, hematization, vuggy, no visible sulphides, proximal to contact with chloritized mafic metavolcanic	201143059	0.211
1085057	651906	5542956	449	50% fragment of white quartz vein with hematization throughout, somewhat vuggy, no visible sulphides, 50% adjacent chloritized-hematized mafic201metavolcanic201		2.409
1085058	651911	5542967	449	Fragment of white quartz vein, abundant hematization, trace sulphide (pyrite?) on fracture surface, white-yellow staining	201143059	3.117
1085059	651906	5542952	448	Fragment of white quartz vein, altered, hematized, rare large cubic vugs (suspect to have been formerly occupied by pyrite), very minor component of very fine grained non-magnetic mafic metavolcanic	201143059	0.664
1085060	651883	5542920	449	Fragment of white quartz vein, hematization on surfaces, rare aphanitic black impurities, proximal to contact with mafic metavolcanics	201143059	0.241
1085061	651883	5542921	448	Fragment of white quartz vein with minor component of very fine grained to aphanitic non-magnetic mafic metavolcanics, hematization on surfaces	201143059	2.467
1085062	651882	5542917	447	Fragment of white quartz vein, some hematization on surfaces and some pervasive hematization throughout, minor fine to medium grained cubic pyrite, proximal to contact with fissile mafic metavolcanic (metasediments?)	201143059	6.097

#### Table 12.1 Samples of Quartz Veins Taken on the Jumping Lake Claim (Claim 4242887)

table continues...

Sample Easting Northing Elevation (m) (m) (m)			Description / Comments	Certificate ID	Au (g/t)	
1085063	651879	5542913	446	65% fragment of white quartz vein with hematization on surface and no visible sulphides, 35% fissile mafic metavolcanics (metasediments?) with hematization on surfaces	201143059	0.461
1085064	651878	5542915	446	Fragment of white quartz vein, hematization on surfaces, trace very fine to medium grained cubic pyrite, adjacent to fissile mafic metavolcanics (metasediments?)	201143059	4.205
1085065	651880	5542912	446	Fragment of white quartz vein, hematization on surfaces, no visible sulphides, abundant aphanitic black impurities throughout	201143059	5.028

Note: all locations were recorded using a handheld Garmin GPS 60CSx and the UTM NAD 83 datum (Zone 15N)



Photos of the outcrop where certain check samples were taken are provided in Figure 12.2 to Figure 12.5.



Figure 12.2 Photo of Sample 1085053

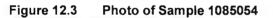






Figure 12.4 Photo of Sample 1085057

Figure 12.5 Photo of Sample 1085062







A historic trench approximately 2 x 6 m in size was also observed on the Jumping Lake claim (Claim 4242887) at 651912 E 5543004 N elevation 452 m. However, it did not appear to be deep enough to intersect bedrock, and no samples were taken.

The Johnson claim (claim 3014787) of the Cobb Bay group was also visited. The sites of diamond drillholes Cobb-07-01, Cobb-07-02 and Cobb-07-03 were visited and various unnamed trenches were also noted to be present. Table 12.2 highlights the observations. It was discovered that the collar location of Cobb-07-03 was incorrectly recorded in the drill logs, which were provided to Tetra Tech in paper format.

Feature Visited	Easting (m)	Northing (m)	Comments
Cobb-07-01	641411	5536867	Collar found, location different than record in original logs
Cobb-07-02	641290	5537225	Could not locate collar due to overgrowth and lack of casing cap, evidence of previous drill site from absence of larger trees and presence of shorter brush
Cobb-07-03	641200	5537285	Could not locate collar due to overgrowth and lack of casing cap, evidence of previous drill site from absence of larger trees and presence of shorter brush
Unnamed trench	641226	5537266	Trench of 2008 program, located southeast of Cobb-07- 03
Unnamed trench	641281	5537217	Historic trench (1960s?) later extended in 2008

 Table 12.2
 Summary of Site Visit of Johnson Claim (Claim 3014787)

Note: all locations were recorded using a handheld Garmin GPS 60CSx and the UTM NAD 83 datum (Zone 15N).

A photo of the unnamed trench located just southeast of Cobb-07-03 is provided in Figure 12.6 and a photo of the drill site for Cobb-07-01 is provided in Figure 12.7.





Figure 12.6 Unnamed Trench Southeast of Cobb-07-03 – Looking 120°, Hammer Shown for Scale



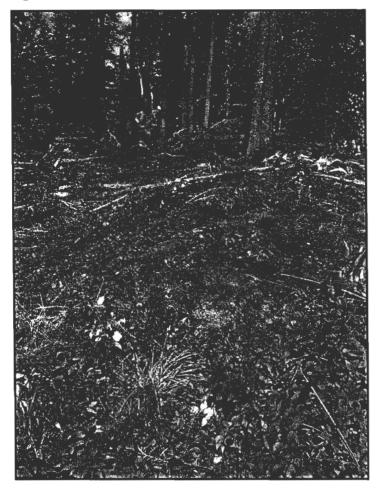


Figure 12.7 Drill Site of Cobb-07-01 – Looking 35°, Blue Flagging Tape in Collar

The core for the three aforementioned drillholes is currently stored outdoors in the town of Ignace, on the property of Elk Construction on Highway 17 (Figure 12.8). Check samples were taken from intersections that contained the most elevated gold values and from previously un-sampled adjacent intervals. Results are provided in Table 12.3.

The box labels were typically no longer legible on those from Cobb-07-01 and Cobb-07-02, and were only partially legible on those from Cobb-07-03. Check sample intervals were identified by original sample tags and by wooden metre marker blocks.

All samples from the Tetra Tech site visit were personally delivered to Accurassay in Thunder Bay by Laura Karrei. Samples were analyzed by fire assay and Inductively Coupled Plasma (ICP).

Due to the somewhat difficult road access as a result of very muddy conditions, and due to the apparent lack of known significant outcrop, the Mattabi claim group was not visited during the Tetra Tech site visit.





Figure 12.8 Photo of Core Storage in Ignace

	From (m)			Те	Tetra Tech Original Company Sample		amples			
DDH		To (m)	Length (m)	Certificate ID	Sample Number	Au (g/t)	Certificate ID	Sample Number	Au (g/t)	Comments
Cobb- 07-03	13	14	1	201143059	1085066	0.178	n/a	n/a	n/a	Intermediate to felsic volcanics, silicification, sericitized feldspars, calcite in matrix, not previously sampled, whole core -contains ~3cm quartz vein
Cobb- 07-03	14	14.5	0.5	201143059	1085067	0.963	200741213	147759	2.047	Intermediate to felsic volcanics, silicification, sericitized feldspars, calcite in matrix, half core (was previously manually split)
Cobb- 07-03	14.5	15	0.5	201143059	1085068	2.206	200741213	147760	2.462	Intermediate to felsic volcanics, silicification, sericitized feldspars, calcite in matrix, half core (was previously manually split)
Cobb- 07-03	15	15.5	0.5	201143059	1085069	0.020	n/a	n/a	n/a	Intermediate to felsic volcanics, silicification, sericitized feldspars, calcite in matrix, not previously sampled, whole core
Cobb- 07-02	22.5	23	0.5	201143059	1085070	0.014	200741212	147662	<0.005	Intermediate to mafic volcanics, pervasive hematization throughout, no visible sulphides, minor calcite in matrix, non-magnetic, half core (was previously manually split)
Cobb- 07-02	23	23.5	0.5	201143059	1085071	1.071	200741212	147663	1.087	Silicified volcanics, beige, minor calcite in matrix, non-magnetic, 1-3% fine to medium grained pyrite throughout and locally up to 5%, half core (was previously manually split)
Cobb- 07-02	23.5	24	0.5	201143059	1085072	0.400	200741212	147664	0.194	Silicified volcanics, beige, minor calcite in matrix, non-magnetic, ~1% fine to medium grained pyrite throughout, half core (was previously manually split)
Cobb- 07-01	2.5	3	0.5	201143059	1085073	0.018	200741211	147555	0.015	Porphyry - pink, kspar>quartz>>mafics, minor fine to medium grained cubic pyrite, carbonate in matrix, half core (was previously manually split)

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#### Table 12.3 Summary of Drill Core Samples from Johnson Claim (Claim 3014787)

table continues...

DDH	From (m)	1		Tetra Tech			Original Company Samples			
			Length (m)	Certificate ID	Sample Number	Au (g/t)	Certificate ID	Sample Number	Au (g/t)	Comments
Cobb- 07-01	3	3.5	0.5	201143059	1085074	0.448	200741211	147556	1.711	Porphyry - pink, kspar>quartz>>mafics, minor fine to medium grained cubic pyrite, carbonate in matrix, half core (was previously manually split)
Cobb- 07-01	3.5	4	0.5	201143059	1085075	0.030	200741211	147557	0.011	Porphyry - pink, kspar>quartz>>mafics, minor fine to medium grained cubic pyrite, carbonate in matrix, half core (was previously manually split)
Cobb- 07-01	4	4.5	0.5	201143059	1085076	0.035	200741211	147558	0.087	Porphyry - pink, kspar>quartz>>mafics, minor fine to medium grained cubic pyrite, carbonate in matrix, half core (was previously manually split)
Cobb- 07-01	4.5	5	0.5	201143059	1085077	0.180	200741211	147559	0.931	Porphyry - pink, kspar>quartz>>mafics, minor fine to medium grained cubic pyrite, carbonate in matrix, half core (was previously manually split)
Cobb- 07-01	5	5.5	0.5	201143059	1085078	0.908	200741211	147560	0.018	Porphyry - pink, kspar>quartz>>mafics, minor fine to medium grained cubic pyrite, carbonate in matrix, half core (was previously manually split)

The lab-issued assay certificate for all samples collected during the Tetra Tech site visit is provided in Appendix B.

# 20.0 CERTIFICATES OF QUALIFIED PERSONS

### LAURA INARA KARREI, P.GEO.

I, Laura Inara Karrei, P.Geo., of Toronto, Ontario, do hereby certify:

- I am a Geologist with Wardrop Engineering Inc., with a business address at Suite 900, 330 Bay Street, Toronto, Ontario, M5H 2S8.
- This certificate applies to the technical report entitled "Due Diligence Review of Sturgeon Lake Projects in Northwestern Ontario", dated September 27, 2011 (the "Technical Report").
- I am a graduate of Carleton University (B.Sc. 2007) and the University of Toronto (M.Sc. 2008). I am a member in good standing of the Association of Professional Geoscientists of Ontario (#1972) since 2011. My relevant experience with respect to mineral exploration includes approximately three years as Project Geologist with Noront Resources Ltd. for their Ring of Fire projects in the James Bay Lowlands of northern Ontario. I have planned and executed early-stage and advanced-stage exploration programs on shearhosted gold, magmatic massive sulphides, massive chromite, U-REE carbonatite and V-Ti ferrogabbro projects. I also worked as an Assistant Underground Production Geologist for Goldcorp Inc. at the Red Lake Gold Mine. I am a "Qualified Person" for purposes of National Instrument 43-101 (the "Instrument").
- My most recent personal inspection of the Property was on August 16, 2011 for four days.
- I am not responsible for any Sections of the Technical Report.
- I am independent of Unitronix Corporation and Aur Lake Exploration Limited, as defined by Section 1.5 of the Instrument.
- I have no prior involvement with the Property that is the subject of the Technical Report.

- I have read the Instrument and the Technical Report has been prepared in compliance with the Instrument.
- As of the date of this certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.



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Signed and dated this 27<sup>th</sup> of September, 2011 at Toronto, Ontario

"Original document signed and sealed by Laura Inara Karrei, P.Geo."

Laura Inara Karrei, M.Sc., P.Geo. Geologist Wardrop Engineering Inc.

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#### ROBERT SINCLAIR MORRISON, PH.D., MAUSIMM (CP), P.GEO.

I, Robert Sinclair Morrison, Ph.D., MAusIMM (CP), P.Geo., of Toronto, Ontario, do hereby certify:

- I am a Lead Resource Geologist with Wardrop Engineering Inc., with a business address at Suite 900, 330 Bay Street, Toronto, ON, M5H 2S8.
- This certificate applies to the technical report entitled "Due Diligence Review of Sturgeon Lake Projects in Northwestern Ontario", dated September 27, 2011 (the "Technical Report").
- I am a graduate of Acadia University, (B.Sc. 1981) and University of Adelaide (Ph.D. 1990). I am a member in good standing of the Australasian Institute of Mining and Metallurgy (#11212), and I am registered as a Chartered Professional in Geology with the Australasian Institute of Mining and Metallurgy since 2004. I am a member in good standing of the Association of Professional Geoscientists of Ontario (#1839) since 2010. My relevant experience with respect to base metal deposits includes three years as Senior Resource Geologist with BHP Billiton for their Olympic Dam Expansion Project in South Australia. My relevant experience with respect to deposit geology, ore body modelling and resource estimation includes 10 years with WMC Resources and Gold Fields Ltd as an Extensional Exploration Geologist, Senior Project Geologist, Resource Evaluation Geologist and Senior Resource Evaluation Geologist at the St Ives Gold Mine. I am a "Qualified Person" for purposes of National Instrument 43-101 (the "Instrument").
- I have not completed a personal inspection of the Property.
- I am responsible for all Sections of the Technical Report.
- I am independent of Unitronix Corporation and Aur Lake Exploration Limited. as defined by Section 1.5 of the Instrument.
- I have no prior involvement with the Property that is the subject of the Technical Report.

- I have read the Instrument and the Technical Report has been prepared in compliance with the Instrument.
- As of the date of this certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading.



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Signed and dated this 27<sup>th</sup> of September, 2011 at Toronto, Ontario

"Original document signed and sealed by Robert Sinclair Morrison, Ph.D., MAusIMM (CP), P.Geo."

Robert Sinclair Morrison, Ph.D., MAusIMM (CP), P.Geo. Lead Resource Geologist Wardrop Engineering Inc.



1046 Gorham Street Thunder Bay, ON Canada P78 5X5 Tel: (807) 626-1630 w Fax: (807) 622-7571 a

www.accurassay.com assay@accurassay.com

Friday, September 9, 2011

#### **Certificate of Analysis**

Aur Lake ExplorationDate Received: 08/19/2011#7-1603 Jackes AveDate Completed: 09/09/2011Toronto, ON, CANJob #: 201143059M4T 1E3Reference:Ph#: 6474305529 L.KReference:Email: mb@michaelbulatovich.ca, laura.karrei@wardrop.comSample #: 28

_						
	Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)	
	203524	1085051	27	<0.001	0.027	
	203525	1085052	141	0.004	0.141	
	203526	1085053	431	0.013	0.431	
	203527	1085054	10	<0.001	0.010	
	203528	1085055	1060	0.031	1.060	
	203529	1085056	211	0.006	0.211	
	203530	1085057	2409	0.070	2.409	
	203531	1085058	3117	0.091	3.117	
	203532	1085059	664	0.019	0.664	
	203533	1085060	241	0.007	0.241	
	203534 Duj	p 1085060	230	0.007	0.230	
	203535	1085061	2467	0.072	2.467	
	203536	1085062	6097	0.178	6.097	
	203537	1085063	461	0.013	0.461	
	203538	1085064	4205	0.123	4.205	
	203539	1085065	5028	0.147	5.028	
	203540	1085066	178	0.005	0.178	
	203541	1085067	963	0.028	0.963	
	203542	1085068	2206	0.064	2.206	
	203543	1085069	20	<0.001	0.020	
	203544	1085070	14	<0.001	0.014	
	203545 Du	p 1085070	17	<0.001	0.017	
	203546	1085071	1071	0.031	1.071	
	203547	1085072	400	0.012	0.400	
	203548	1085073	18	<0.001	0.018	
	203549	1085074	448	0.013	0.448	
	203550	1085075	30	<0.001	0.030	
	203551	1085076	35	0.001	0.035	
	203552	1085077	180	0.005	0.180	
	203553	1085078	908	0.026	0.908	

#### PROCEDURE CODES: ALP1, ALFA1, ALAR1

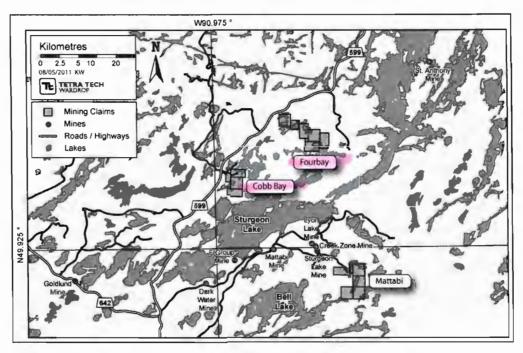
Certified By: Devel Demense H Bac Laboratory Manager

The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

## 15.0 ADJACENT PROPERTIES

Past producing mines in the Sturgeon Lake area include the Goldlund Mine, F Group Mine, Darkwater Mine, Mattabi Mine, Lyon Lake Mine, Creek Zone Mine, Sturgeon Lake Mine, and St. Anthony Mine. Their locations, relative to the Unitronix claims are shown in Figure 15.1, and further details are provided in Table 15.1.

Figure 15.1 Location of Past-Producing Mines in the Sturgeon Lake Area, in Relation to Claims



St. Anthony Mine operated intermittently from 1905 to 1941 and produced 63,310 oz of Au and 16,341 oz of Ag (Trowell 1983).

The author has been unable to verify the aforementioned information, and the content does not necessarily reflect the mineralization on the property that is the subject of this technical report. No production activities have taken place on claims currently held by Unitronix and its subsidiaries.

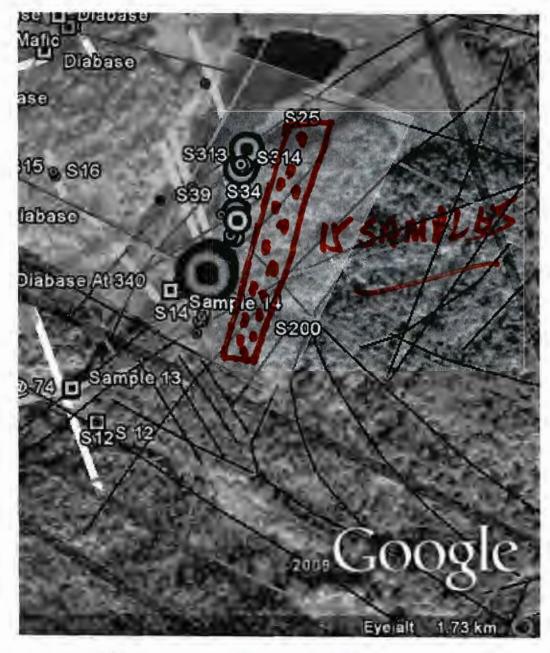


599, and is accessible via the Six Mile Lake Road (5.0 km), and then the Jumping Lake Road (3.85 km) from there. The Jumping Lake claim was access by truck to the intersection of the Six Mile Lake Road and the Jumping Lake Road, and from there by snow machine or ATV to the



0 651891 39 m E 5542976 25 m N 👘 🖓 🚺

Eye art 137



CLAIM# 3014781

