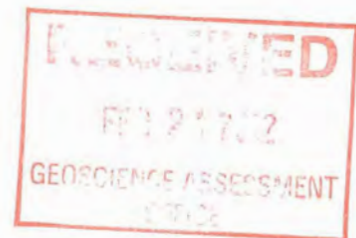


MICHANO-GIONET PROPERTY

Report On Prospecting Activities On The Goldbar Lake, McKellar Lake and Deadhorse Creek Base Metal Property.

Duncan Michano

1/2/2012



2-50963

Table of Contents

1.0 Introduction	2
2.0 Property Location and Access	2
3.0 Property Description	3
4.0 Topography and Vegetation	3
5.0 Regional Geology	3
6.0 Property Geology	4
7.0 Economic Geology and Past Work	4
8.0 Present Work – Summer of 2010-2011	6
9.0 Conclusions	8
10.0 Recommendations	8

List Of Maps

Overview Map- Goldbar, McKellar and deadhorse Creek Property

Maps 1- 2: Goldbar Lake (Little Pic Mines) Sample Locations

Maps 3- 4: McKellar Sample Locations

Maps 5- 6: Ollman Sample Locations

Map In Back Pocket: Other Sample Locations. Prospecting Traverses, Geological, Location of Showings, Trails etc.

List Of Figures

Fig. 1 Description Of Goldbar Samples

Fig. 2 Description Of McKellar Samples

Fig. 3 Description Of Ollman Samples

Fig. 4 Description of Other Samples

Fig. 5 ALS Sample Numbers vs Sample Numbers on Back Map.

List Of Photos

Photo 1: South East Shore Of Goldbar Lake

Photo 2: Sample Trench Goldbar Lake

Photo 3: Sample Trench Goldbar Lake

Photo 4: Sample Trench Goldbar Lake

Photo 5: East Trench McKellar Lake

Photo 6: East Trench McKellar Lake
Photo 7: Shaft McKellar Lake
Photo 8: Sample Location Shaft McKellar Lake
Photo 9: West Trench. Sample Location.
Photo 10: Sample McKellar Lake. Near Shaft.
Photo 11. Sample McKellar Lake. Near Shaft.
Photo 12. Sample McKellar Lake. West Trench.
Photo 13. Sample Ollman Prospect.
Photo 14. Sample Ollman Prospect.
Photo 15. Sample Ollman Prospect.

1.0 INTRODUCTION

In the winter of 2008 Duncan Michano, Brian Gionet, John Grant Michano and William Michano staked a group of claims in the Goldbar Lake, McKellat Lake and Deadhorse Creek area. Some prospecting was done but no samples were taken. Despite ongoing attempts to option the property the claims lapsed in 2010. The claims were subsequently re-staked in 2010. Trails were cleared and additional prospecting and sampling was conducted in the summer of 2010 and again in the summer of 2011. Additional prospecting and sampling was done again later in the summer along with personnel from Sparton Resources.

2.0 PROPERTY LOCATION AND ACCESS

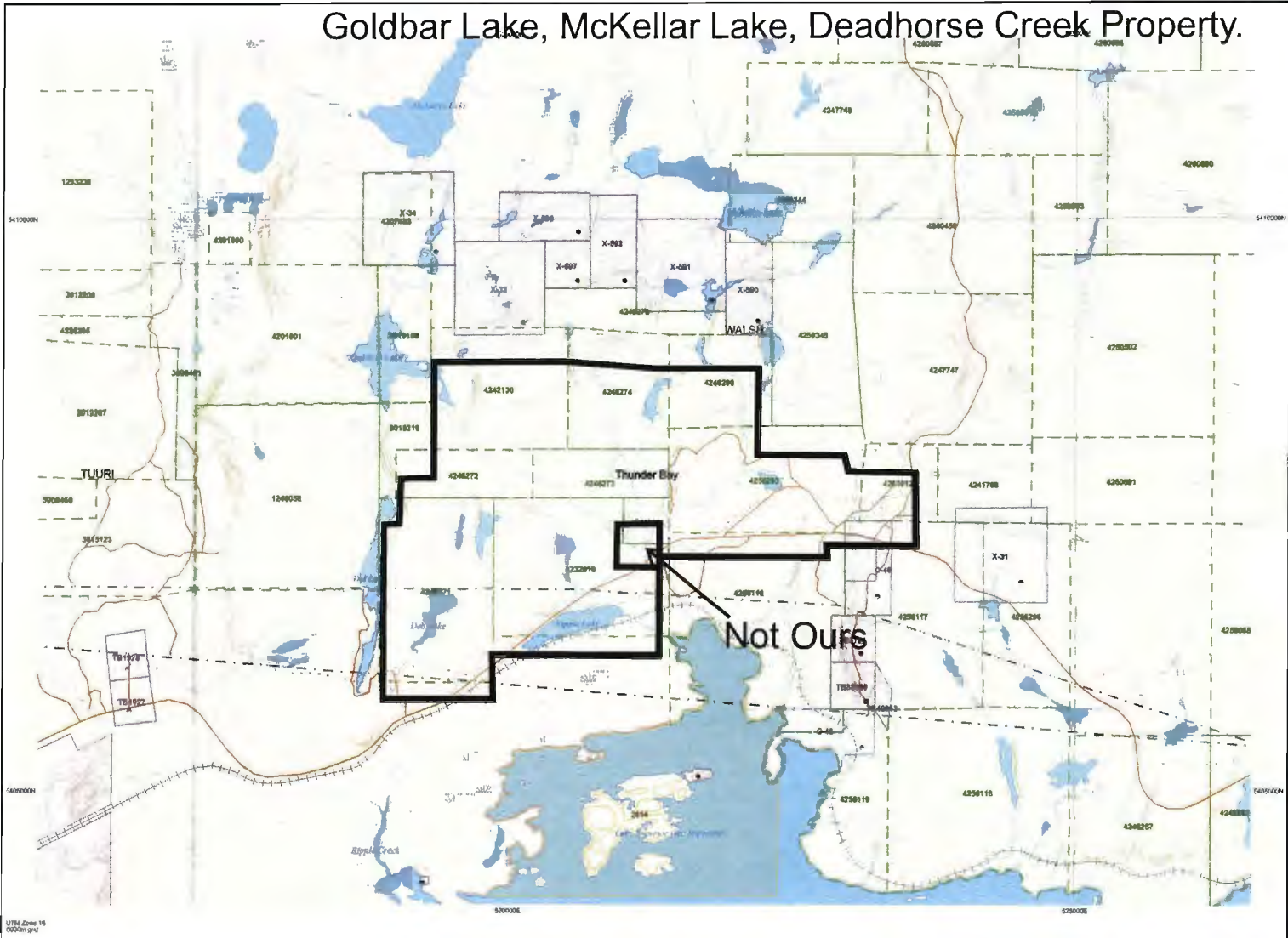
The property is located along the north shore of Lake Superior in Walsh Township. The property is approximately 36 km west of the town of Marathon and 40km east of the town of Terrace Bay.

The Southern boundary of the property is on Hwy 17. Access into the interior of the property is by ATV trails that begin at McKellar Creek . Access by these trails can be made to Goldbar Lake, the McKellar showing and the Camp Lake. All these trails were cleared of deadfalls and brush in the summer of 2010. The Ollman deposit can be accessed by another trail / road.

Property Location



Goldbar Lake, McKellar Lake, Deadhorse Creek Property.



Date / Time of Issue: Thu Feb 09 21:37:54 EST 2012

TOWNSHIP / AREA
WALSH

PLAN
G-0836

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division
Land Titles/Registry Division
Ministry of Natural Resources District

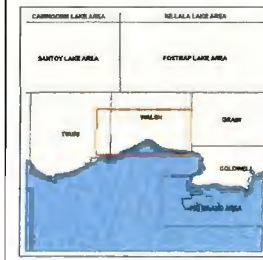
Thunder Bay
THUNDER BAY
NIPIGON

TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cell Pk & Poles
- Contour
- Mine Claims
- Mine Headframes
- Railway
- Road
- Tail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

- Freehold Patent
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Patent
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Licence of Occupation
 - Units Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
 - Land Use Permit
 - Order In Council (Not open for staking)
 - Water Power Licence Agreement
 - Mining Claim
 - Pled Only Mining Claims
- LAND TENURE WITHDRAWALS
 - Arable Withdrawn from Deposition
 - Mining Act Withdrawn Types
 - Surface And Mining Rights Withdrawn
 - Surface Rights Only Withdrawn
 - Mining Rights Only Withdrawn
 - Order In Council Withdrawal Types
 - Surface Area Mining Rights Withdrawn
 - Surface Rights Only Withdrawn
 - Mining Rights Only Withdrawn
 - IMPORTANT NOTICES



LAND TENURE WITHDRAWAL DESCRIPTIONS (list may not be complete)

Identifier	Type	Date	Description
2814	Wsm	Jan 1, 2001	SMALL BOAT ANCHORAGE FILE NO 186187
2823	Wsm	Jan 1, 2001	PARK SITE PORTION A
2850	Wsm	Jan 1, 2001	PARK SITE PORTION B
2872	Wsm	Jan 1, 2001	LAND UNDER LAKE SUPERIOR WITHDRAWN FROM STAKING BY O.C. DATE APRIL 30, 1912 SEE LANDROLL

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Wildcat Green Millar Centre 833 Ramsey Lane Road
Sudbury ON P2E 6S8
Home Page: www.on.ca/mining/MINES/LAND/MinRecrpgg.htm

Toll Free:
Tel: 1 (800) 415-5845 ext 5742
Fax: 1 (877) 870-1444

Map Datum: NAD 83
Projection: UTM (2 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, stocky rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land use that restrict or prohibit free entry to staked mining claims may not be illustrated.

GODL BAR
Little Pic Cu

North Central Series

McKELLAR
Ag, Pb, Cu, Zn

Goldbar, McKellar and Deadhorse Creek Overview Map

Little Creek Quartz-Carb
Showing

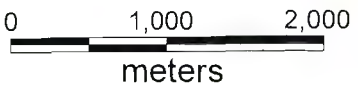
Camp Lake And
Winzoe Showings

OLLMAN
Ag, Pb, Zn

McKellar

Harbour

MIDDLETON
Cu



A S H B U R T O N B A Y

LEGEND

GEOLGIC
MOUNTAIN BUILD NAME
SYMBOL: 100% to 100% of
SYMBOL: 100% to 100% of

PRECAMBRIAN
LATE PRECAMBRIAN
1. 100% to 100% of
2. 100% to 100% of
3. 100% to 100% of

EARLY PRECAMBRIAN
1. 100% to 100% of
2. 100% to 100% of
3. 100% to 100% of

NEOGENIC
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QUATERNARY
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ROADS
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RAILWAYS
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BOUNDARIES
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OTHER
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2. 100% to 100% of
3. 100% to 100% of

3.0 PROPERTY DESCRIPTION

The property consists of 10 claims in Walsh Twp. 4261012, 4256293, 1232910, 4246271, 4246272, 4246273, 4242130, 4246274, 4246280, and 4246276. Total claim units are 60. There are numerous base metal showings and elevated gold in one showing. Claims are recorded in the names of Duncan M Michano, Brian D Gionet, John Grant Michano and William M Michano.

4.0 TOPOGRAPHY AND VEGETATION

Topography in the property area is generally rugged with the typical hills and ravines found on the North Shore of Lake Superior. Vegetation consists of mainly Birch (Bw), Poplar (Po), Black Spruce (Sb), and White Spruce (Sw). Outcrops are common but low lying areas are typically covered with overburden and spruce and tag alder bogs. Some gravel outcrops occur on hillsides.

5.0 REGIONAL GEOLOGY

The Deadhorse Property is within the Schreiber-Hemlo Greenstone Belt. The property is underlain by sedimentary, mafic volcanic and felsic volcanic rocks. The Coldwell Complex lies just to the east of the property. The oldest rocks in this area are nearly conformable early Precambrian volcanic and sedimentary facies, with associated mafic intrusives. These units were intruded again in the late Precambrian by rocks of intermediate composition and numerous diabase and lamprhyre dykes. All rocks have been subjected to several phases of deformation and regional metamorphism. Volcanic rocks range in composition from mafic to felsic and consist of massive flows, pillow lavas, fragmental volcanics and tuffs. Intermediate to felsic volcanics occur in a wide band in the northern half of the area, and consist of lapilli and crystal tuff, agglomerate, and flows of porphyrite lava. Tabular bodies of coarse gabbroic rock are commonly found within mafic metavolcanics and may represent remenant cummlate phases. Sedimentary rocks include greywacke laminated siltstones, shales, minor beds of impure quartzite and graphitic and sulphide bearing schist. The composition of these rocks may show some correlation to the composition of surrounding volcanic units. Greywackes may be volcanic in origin; as some units appear to contain subangular fragments of volcanic rock. Chert and iron formations occur frequently along volcanic sedimentary interfaces and many contain minor amounts of sulphide mineralization. Late Precambrian intermediate intrusives include granites, granodiorites and syenites that form large intrusive complexes. Diabase and less frequently lamprophyre dykes are common in the area and crosscut stratigraphy. Most are subvertical and are Keweenawan (Late Precambrian) in age. Regional metamorphic grade

ranges from the lower greenschist to amphibolite facies. Grades increase toward large intrusive bodies. The structure of the area is complex. Most volcanic sedimentary sequences have been folded and then intruded by irregular bodies of diorite. Transverse faulting has been related to progressive downwarping of the Lake Superior Syncline. Small scale deformation structures are often obscured by the effects of metamorphism.

6.0 PROPERTY GEOLOGY

Taken From OFR 5951 by B.R.Schneiders, M.C.Smyk, A.A. Speed and D.B.McKay, 1996.

*"The area's geology is summarized by *Hinzer (1984):*

The claim group lies within the eastern end of the Schreiber greenstone belt and is underlain by basic to felsic metavolcanic tuffs and metasediments. The rocks are strongly sheared in an east west direction and contain numerous north-south faults. The greenstone belt appears to be a steeply north to vertically dipping south facing homoclinal sequence. The Foxtrap-Glorylake batholith (1 km to the north) has strongly influenced the local structure and metamorphic grade.

The stratigraphy is younging to the south, with sediments containing local iron formations capping a westward thickening volcanic pile. Numerous graphitic, ferruginous chert and sulphide iron formation allow good stratigraphic correlation.

Numerous north bearing faults can be projected from both geological and geophysical data, many other minor faults are also indicated. Rapid lateral facies changes from east to west especially around Goldbar Lake are in part due to major north south faulting in this area. East of Goldbar Lake, a single mafic to felsic to sedimentary cycle is present on the property. West of Goldbar Lake two felsic to mafic cycles are present, and the felsic-sedimentary contact is interbedded with several iron formation zones.

Folding is not readily observed. A major fold axis has been postulated passing through the north end of Goldbar lake centred on the quartz-sericite schists and several amphibolite zones."

7.0 ECONOMIC GEOLOGY AND PAST WORK

1903-1905: W.j. Wilson and W.H. Collins completed reconnaissance mapping in the region for the Geological Survey of Canada.

1953-1954: J.W.R. Walker completed 1": 1/4 mile mapping of greenstone belt rocks between the town of

Terrace Bay and the western boundary of the Coldwell Intrusive Complex which lies a short distance east of the Deadhorse Creek Road.

Goldbar Lake Prospect. (Little Pic Mines)

- **McKellar, 1877** indicated values up to 25.55% Cu. (Resident Geologists Files, Thunder Bay)
- Channel sampling by **Tomcar Mines, 1952** indicated 5% Cu and .12 opt Au.(Page, 1952) Conwest, 1968 best results were 4.73% Cu, .98% Zn, 2.12 opt Ag, and .02 opt Au. (DeGange, 1989).
- **Canadian Nickel Co., 1981.** Best results were: Cu 2.5%, Zn 1.1%, Ag 47ppm, Au 140ppm.
- **Noranda Exploration, 1990.** Intersected .12% Zn across 27m and .92% Cu and .21% Zn across 2.1m. Hole MH-90-11 intersected 3% sphalerite across 5.6m. A downhole pulse was detected off hole (Thompson, 1990).
- **Sampling by OGS personnel:** Best results were Cu 4.52%, Zn 5240ppm and Au .01opt.

McKellar Bay Mines Prospect.

- **McKellar, 1878.** Bulk sampling returned average values of \$125 Ag and \$50 to \$60 Pb per ton of sorted ore. Approx 100 opt Ag. (Resident Geologists files Thunder Bay).
- **DeGagne, 1989** reported that the best historical results were 13% Zn, 7.14% Pb, and 21.8 opt Ag over 4.5 ft at the shaft. And 32.31% Zn, 1.14% P bans 2.2 opt Ag over 3.5 ft from a trench.
- **Canadian Nickel Co Ltd., 1981.** Best values returned were: 240ppm Cu, 3.76% Pb, 8.92% Zn, 2.4 opt Ag.
- **OGS Personnel** best values were: .01 opt Au, 6.40 opt Ag, 13.4 % Zn and 5160 ppm Pb.

Ollman Prospect

- **American Yellow Knife Mines ltd., 1948.** Zn 13.74%, Ag 2.94 opt over 3.5 ft. (OGS Files, Thunder Bay).
- **Walker, 1967.** Zn 16.84%, Pb 27.04% and **Ag 56.40 opt** in grab samples.
- **Harlen Mines, 1969.** Zn 8.68%, Pb .87 % and Ag 2.92 opt over 11 ft.
- **J.E. Ayrhart Mining Development, 1979.** Assays indicated Ag 8.27 opt, Pb 1.45%, and Zn 7.28% over 1.13m and a length of 78.3m. This represents a block of ore 14,000 tons. (OGS Files, thunder Bay).
- **Northern Miner, 1979.** Ayrhart indicated that past work carried out resulted in an estimate of 50,000 tons to a depth of 75 feet. Earlier diamond drilling returned typical high values to depth up to 400 ft. Research for best milling procedure graded Pb 19.3%, Zn 9.17%, and Ag 34.2 opt.
- **North Kirland Mines and Stralak Resources Inc., 1983.** Hole no. 1 intersected a parallel zone 140 feet south west of the main structure. Best values were Ag 1.7 opt, and Zn 3.5

% over 2.3 feet. In hole # 2 best values were Ag 5.1 opt, and Zn 16.25% over 6.3 ft. In hole no. r best results were Ag 1.1 opt and Zn 9.44% over 6.8 feet. Strike length of the holes was 300ft. (Note this parallel zone does not express itself at surface. DMM)

- **Resident Geologists grab samples.** Ag 18.22 opt, Pb 7.53% and Zn 13.0%. (OGS files)

8.0 Present Work – Summer of 2010 and 2011

In June of 2010 it was decided to clear out the trails to Goldbar Lake and to the McKellar Bay Mines Prospect showing and to the Wincore Showing at the centre of the property to facilitate prospecting and exploration. Two full days with 2 persons were used to cut deadfalls and clear brush. The trails start at hwy 17 at McKellar Creek. One branch of the trail heads west along McKellar Creek and generally follows the creek to McKellar. ATV's can be taken to a point about 200m from Goldbar Lake. Access beyond that point is by foot due to a steep side slope and a creek which needs a bridge to cross by ATV. The other branch heads NE and takes you to the McKellar Bay Mines Prospect area. Approx 1/3 of the way up this branch another trail heads North to the Wincore showings and the sock shaped lake we call **Camp Lake** because of the old drill camp there.

In July of 2010 prospecting traverses were conducted along the western portion of the property near Goldbar Lake and to 2 small lakes near the north-central portion of the property to follow up on mineralization noticed while staking and to attempt to locate the McKellar Bay Mines showings. Traverses were also made up the central portion of the property between claims 4242130 and 4246274. An interesting showing was found at the crest of the hill at the south end of the first small lake. In a heavily gossanous area along the eastern bank of the creek Pyrite and Sphalerite were noted. Historical records indicated elevated levels of Au in that area, Two (2) samples were taken. ALS Sample #'s N696479 and N696480. More work is needed in this area to locate the pits and the area with elevated gold levels.

Garnets and fragmental rocks were noticed along the east shore of Goldbar Lake. A heavy shear zone was noted just west of the trenches at Golbar Lake. This shear zone disappears under the lake and continues eastward for 50m until it disappears in overburden. No mineralization was noted. Qtz Eyes were noted on rocks along the NE shore of the lake. Minor py noted. Farther to the east on top of the hill along the northern claim line of claim 4242130 graphite was noted in mafic volcanic rocks containing minor Py. A sample was taken but misplaced.

In Sept 2010 the Northern and eastern portion of the property was prospected west to the same small lake noted above. Heavy mineralization and alteration were noticed in the creek bed. Four (4) samples were taken at the point where the creek leaves the lake. ALS sample #'s **1106201, 1106202, 1106203 and 1106204**. These samples showed good alteration with Py but did not give good results. Zn values however were elevated on sample 1106204. Float boulders to the west and north of the lake held 5%Py with minor Sphalerite. No samples were taken as the load in the packsack was getting too heavy. This area has to be looked at again also given the heavy mineralization in the creek bed to the east and the graphite and Py to the west. Traverses were also run along the west side of camp lake to locate all the trenches there and to take samples if warranted and to also search for extensions and new mineralization. We also wanted to locate the zone of high grade Zinc noted in historical records. All pits were found. Only Py was noted. Pyrite mineralization is heavy in this area particularly in the creek bed and creek bank to the south west. The area of high grade Zn was never located. However, later research on the OGS historical claim maps website shows the high grade Zn location is along the high ridge to the north. More work is warranted here also as that site appears to be on strike with the site from which samples N696479 and N696480 were taken. The North and Eastern portions of the claim areas were traversed to GPS all trenches and to determine extensions, strike length and width of mineralized zones. It appears that the McKellar site sits on the flanks of an iron formation. Overburden prevented proper determination of strike length but trenches are located on the 1:5,000 map. This area needs to be explored with new geophysical methods and drilled to deeper depths. Additional prospecting was done along McKellar to further determine if the Qtz Carbonate zone runs under the creek bed. Investigations just where the trail crosses the creek for the 3rd time came up with Qtz Carbonate in sedimentary rocks. The location was under 1 ft of water so samples could not be broken off but it did clarify that the Qtz Carb was probably running under the creek bed. Following the fault so to speak.

In Sept 2010 all the known trenches were cleaned of deadfall and brush, leaves, sticks and other accumulated organic material. Some were opened up to facilitate sample taking. Stripped more area along McKellar Creek Qtz Carbonate zone.

During July of 2011 prospecting traverses were also carried out around the trenches near the Ollman Prospect to determine if there were offshoots to the deposit and to determine if the parallel zone (OGS Reports) expressed itself at surface. This was also done to prepare the site for a property visit by a junior mining company. No new expressions of the know trenching could be located. Zones of Gabbro/diorite were mapped.

In July 2011, personnel from Sparton Resources visited the site and took samples from several locations based on observations and results from the previous prospecting / exploration / trench cleaning work. Fifteen (15) samples were taken.

Results are located on ALS certificate TB11143359. Our map numbers that correspond to these sample #'s are located in **Fig 5**.

Best results from the Ollman showings are: 321ppm Ag, 530 ppm Cu, 2510ppm Ni, 3.6% Pb, 1.7% Zn and .03ppm Pt and .415 ppm Pd.

The elevated Cu, Ni, and anomalous Pt, Pd in sample OLL1 warrants another look as Gabbro/Diorite was mapped during the prospecting/ exploration of the site. More work will be done in this regard.

Best Results From the McKellar showings are: Ag 100ppm, Cu 150 ppm, Pb 1.4%, and Zn 4.4 %. The results from this site are discouraging. A backhoe would be useful to strip larger areas that could not be done by hand.

Best Results From the Goldbar Lake Site are: Ag 35ppm, Cu 1.4%, Pb 480 ppm, Zn 7510 ppm, and Au .148 ppm.

Results from the Quartz Carbonate vein on McKellar Creek (little Creek sample) were low. More work needs to be done here to determine strike of the vein. These Quartz Carbonate boulders in the creek and the showing where the trail crosses contain minor Py, fuschite, tourmaline and are brecciated in many places. Traverses right in the creek indicate boulders in the creek bed for distances of up to 200m.

9.0 CONCLUSIONS

Results were disappointing but inconclusive. More work needs to be done to get a better picture of what is happening geologically in the area.

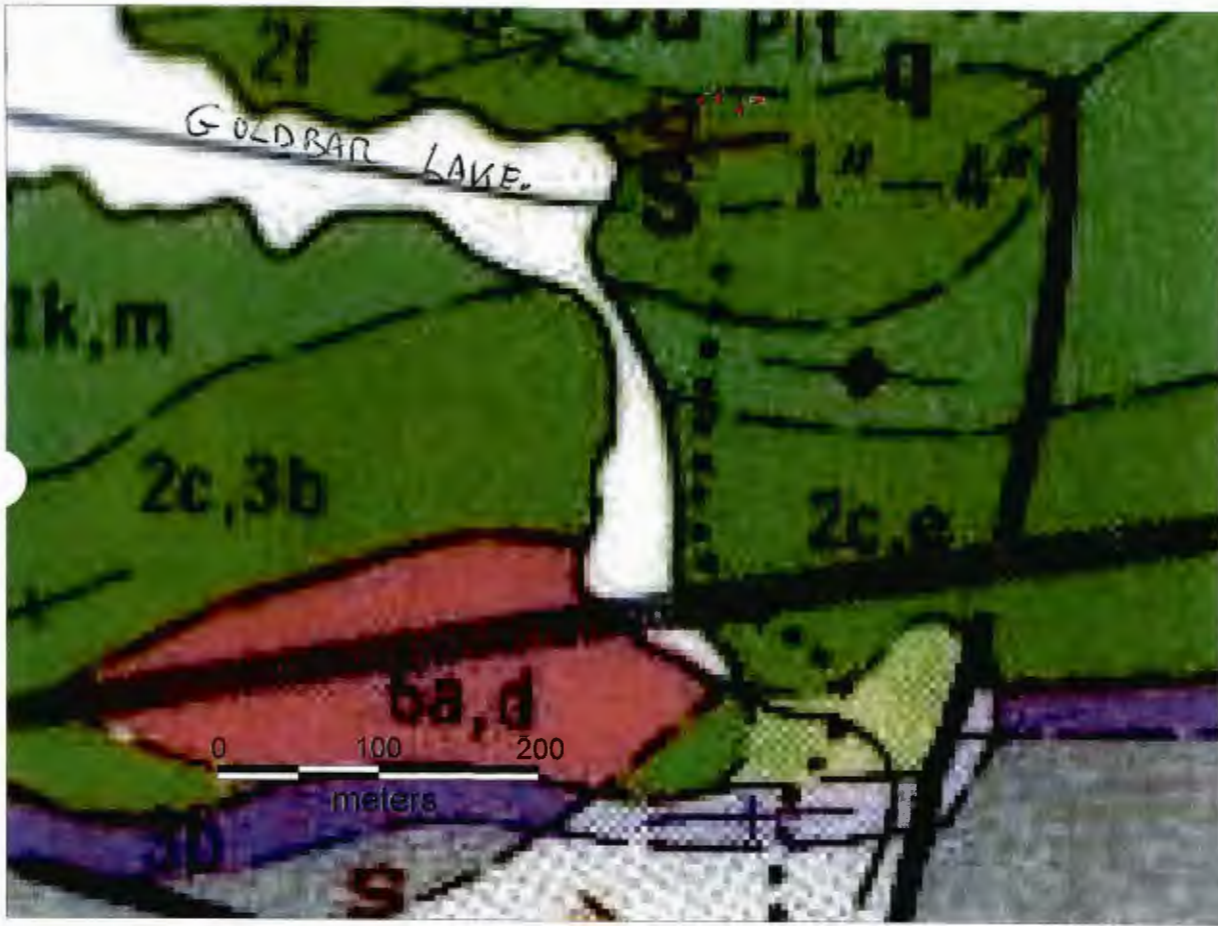
10. RECCOMENDATIONS

1. That the Quartz Carbonate showing in the bed of McKellar Creek be explored to determine strike length and direction. It is assumed at this point that the QC vein runs in the fault that is McKellar Creek. If that is the case investigation to the north where the QC vein intersects the Iron Formation south of Goldbar Lake might give better results.
2. That the area around the Ollman showing near Deadhorse Creek be explored to further examine the gabbro/diorite that was mapped there during prospecting transects. Sample OLL1 gave Nickel values up to 2510ppm, Copper values up to 530ppm and

anomalous Pt and Pd values. The late receipt of the assay results prevented further work this year due to snow.

3. The Ollman showing needs to be stripped with a backhoe. It also needs to be drilled at a deeper depth to determine the relationship of the main zone and the parallel zone encountered by North Kirkland Mines. The two zones may merge at depth and form one wider zone.
4. The McKellar zone needs to be stripped by a backhoe to further outline the zone and more prospecting needs to be done to the west along the ridgeline.
5. The Goldbar Lake showing needs to be further investigated to determine what was causing the downhole pulse anomaly reported by Thompson, 1990. This anomaly was never followed up on.

MAP 1



1:50,000

PROJ. AND PUB. DIVISION
 Geology
 Department of Energy and Mines
 Ottawa, Ontario

SYMBOLS

LAKE PROFILES
 1. Lake
 2. Outlet
 3. Inlet

ROADS
 4. Main road
 5. Secondary road
 6. Footpath

BOUNDARIES
 7. Township boundary
 8. Section boundary
 9. Quarter section boundary

CONTOUR LINES
 10. Contour lines

SPRING
 11. Spring

WATER
 12. Water

SETBACKS
 13. Setback

UTILITIES
 14. Utility

ROCK
 15. Rock

SOILS
 16. Soil

VEGETATION
 17. Vegetation

TOPOGRAPHY
 18. Topography

OTHER
 19. Other

Map 2



LEGEND

PANORAMA

LAND USE/COVER CLASSIFICATION

WATER

- Water

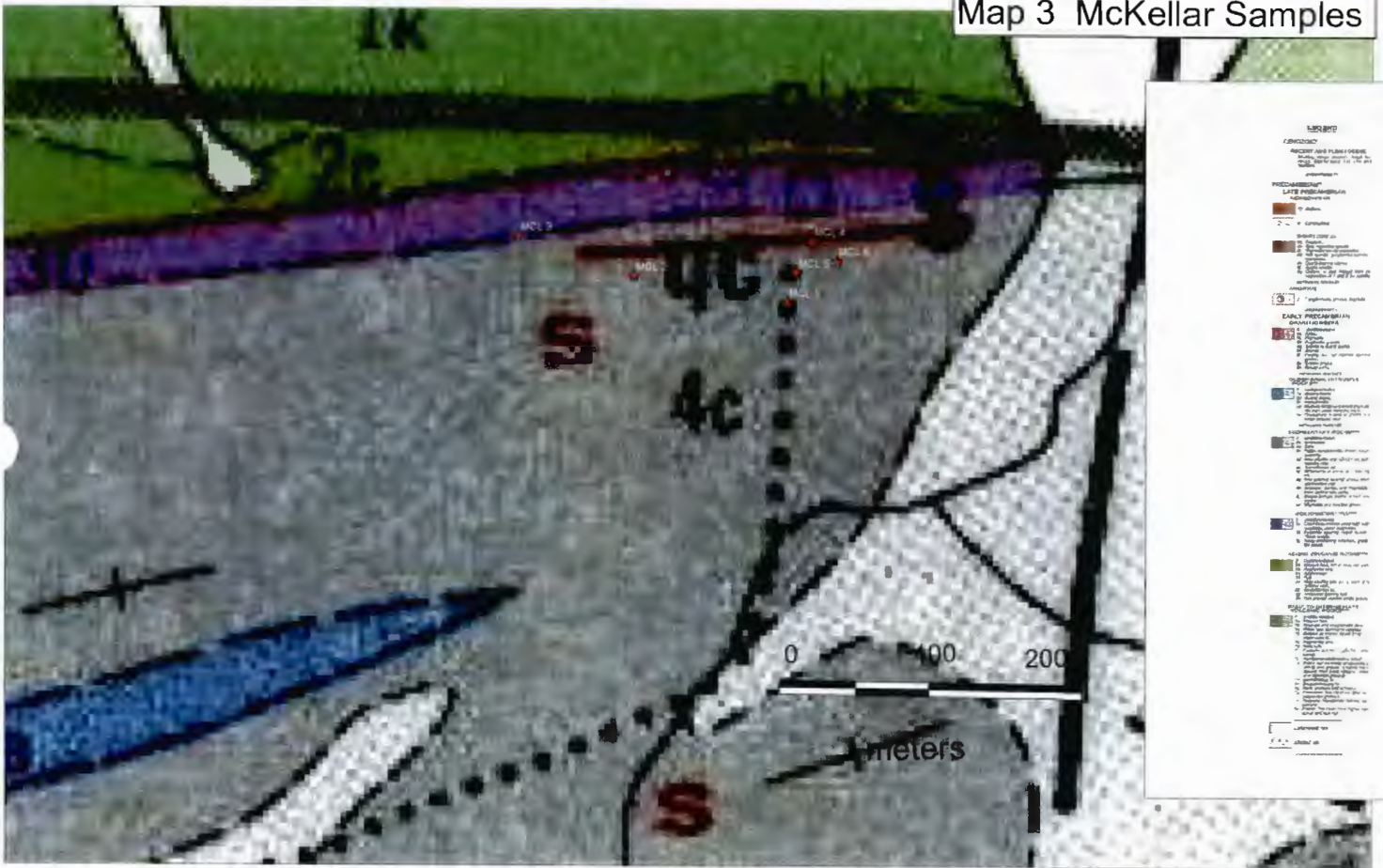
WETLANDS

- Emergent Wetland
- Shrub Wetland
- Forest Wetland

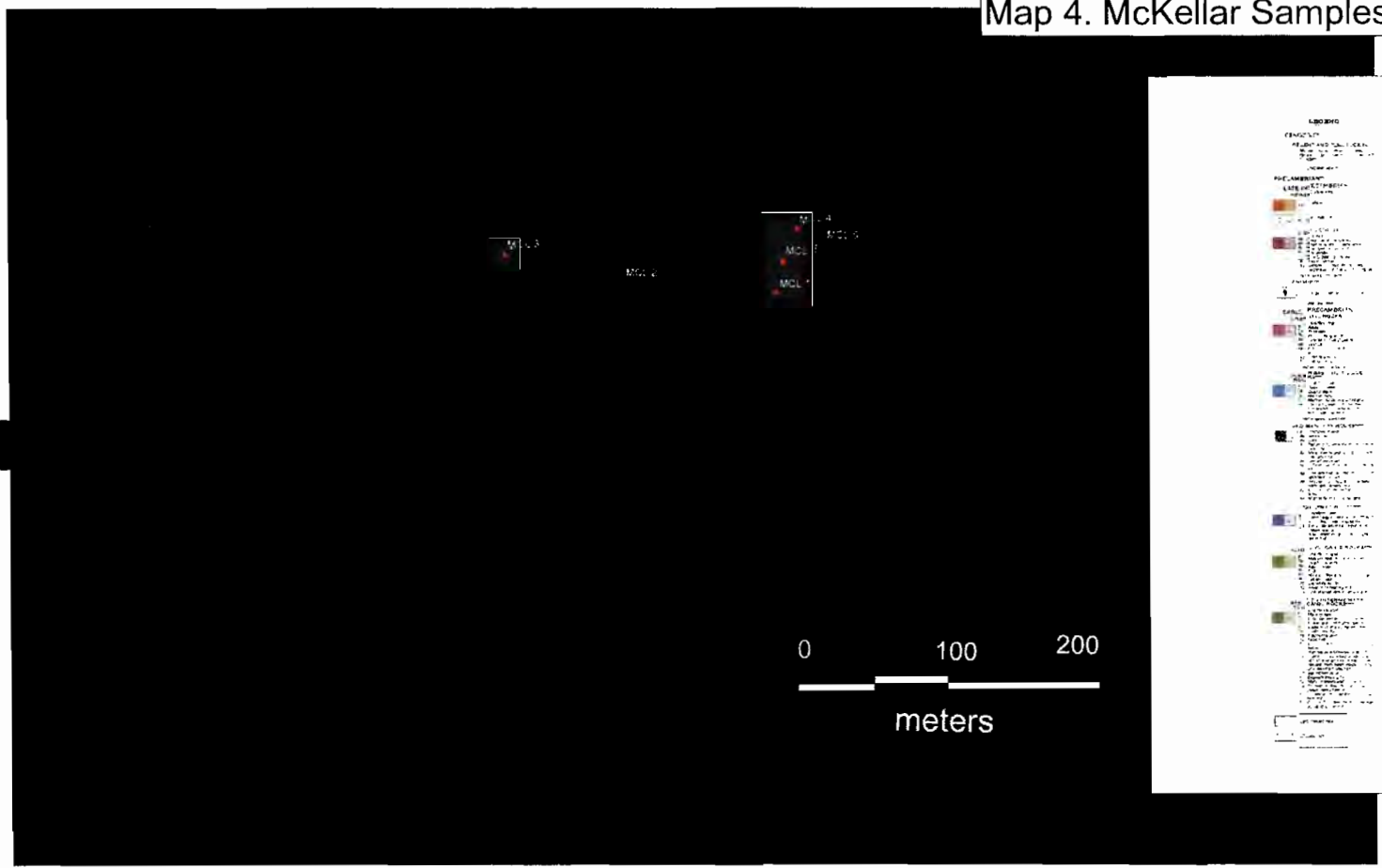
NON-WETLANDS

- Barren Land
- Barren/Grassland
- Grassland
- Shrubland
- Forest
- Open Water

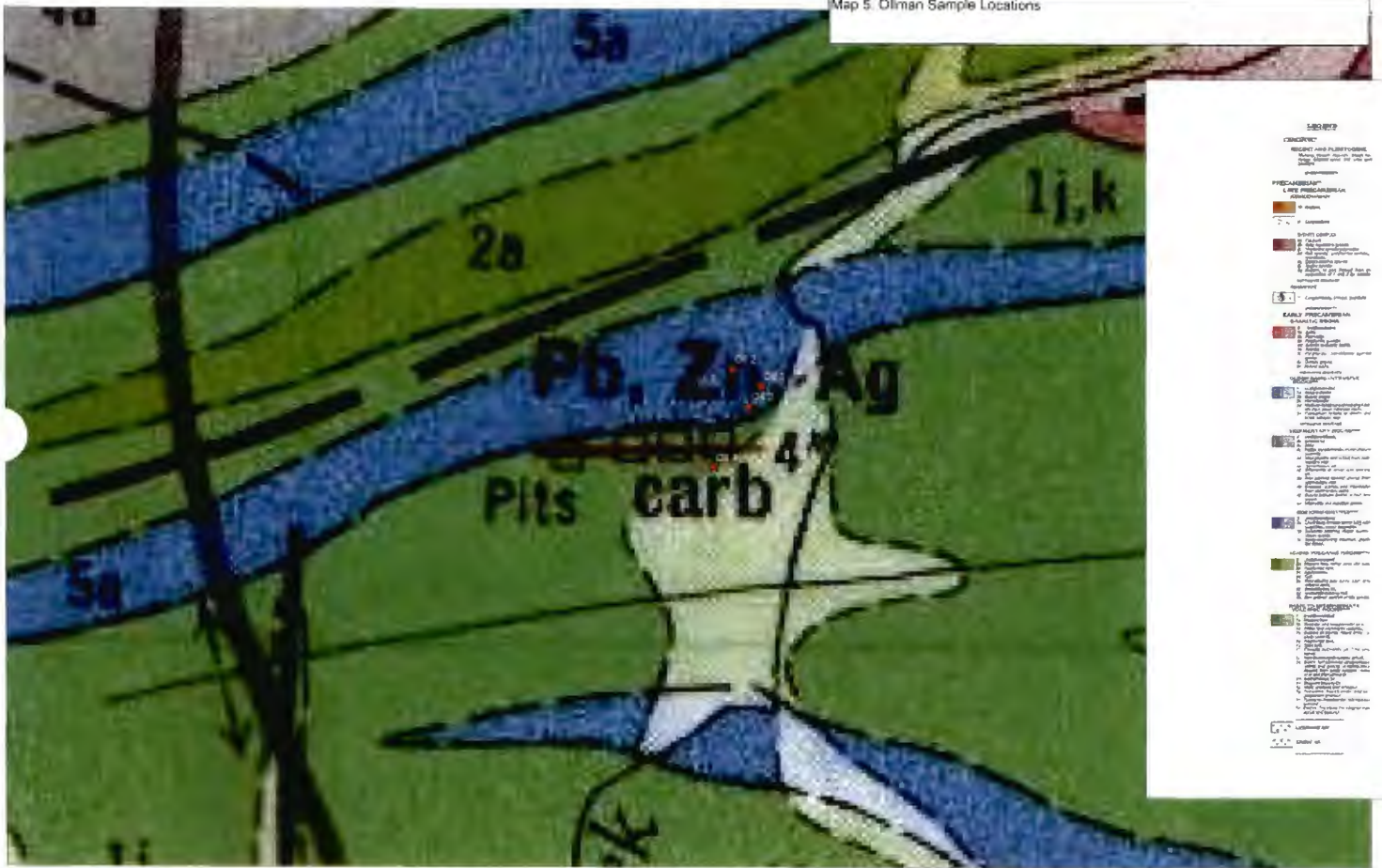
Map 3 McKellar Samples



Map 4. McKellar Samples



Map 5. Oilman Sample Locations



Map 6. Oilman Sample Locations



Fig. 1. Description Of Goldbar Lake Samples

Waypoint	Zone	E	N	Elevation	rock Type	Comments	Photos
LP1	16U	519491	5408710	338	mafic volca	mafic volcanics, qtz-carbonate vein, 2-3" stringers, dip 90, AZ 115, chlorite alteration, sulphides along fractures, abundant in chalco along fractures 5-10 %, slicken slide, N side of trench	
LP2	16U	519502	5408712	326	mafic volca	mafic volcanics, small qtz stringers, slickensidal, chalco 5%, up to 30% PY, visible azurite at surface, 20cm from ground-up clayish material	
LP3	16U	519515	5408704	327	mafic volca	chip sample 1.5m wide across trench, mafic volcanics, chalco present, PY sulphide veinlet, dip 90, az 90	
LP4	16U	519527	5408711	321	Gabbro	coarse-grained gabbro, dark, up to 25% sulphide in places, PY, minor Cu, crumbly, some hematite staining, 5m to N, gabbro is fresher & more barren	
Little Creek	16U	519991	5407819	226	mafic volca	sheared, rusty, up to 2% PY in mafics fine-grained mafic, qtz-carbonate vein (az ~135), visible sulphides in QV, 1.5-2% sulphides, 2 QVs + stringers,	

[Goldbar-MacKellar Showing Map.pdf](#)
[Geology Map.pdf](#)
[Marathon Waypoints.gpx](#)

Fig 2. Sample Descriptions McKellar Lake

Waypoint	Zone	E	N	Elevation	rock Type	Comments
MCL 1	16U	522107	5408608	254	Mafic volc	mafic volcanics, looks rhyolite, visible galena. (dip vertical, az 150), brecciated qtz-carbonate vein 3' wide, very dense, heavy, trace chalco, in trench going along the vein, 20m long 1.5 m wide
MCL 2	16U	522006	5408626	265	Mafic volc	in a sidewall of shaft, limonitic, qtz-carbonate stringers, rusty/black, possible shear zone, or fault
MCL 3	16U	521930	5408653	279	Mafic volc	dark green mafics, hematite staining, 5-10% sulphides along fractures & stringers, 2-5% chalco in areas, occasionally up to 30% sulphides
MCL 4	16U	522124	5408648	280	Mafic volc	"Fe formation" showing, mafic, rusty, high sulphide content, 50% PY, PY crystals 1mm ³
MCL 5	16U	522113	5408628	290	Mafic volc	near MCL 4, mafic, sulphide content much lower than MCL 4 (<5%)
MCL 6	16U	522140	5408635	262	Mafic volc	rusty mafics, 2-3% py, some qv carb stringers

[Goldbar-Mackellar Showing Map.pdf](#)
[Geology Map.pdf](#)
[Marathon Waypoints.gpx](#)

Fig 3. Description of Ollman Samples.

Waypoint	Zone	E	N	Elevation	rock type	Comments
Oll 1	16U	523432	5407874	258	mafic volca	Mafic volcanics, 5-15% fn dis pyhistoric 56optAg, galena, sulphides
Oll 2	16U	523407	5407889	276	mafic volca	fine-grained bleached mafic volcanics, 5-10% disseminated PY, trace sphalerite, rusty gossan on top
Oll 3	16U	523421	5407856	263	mafic volca	like eroded trench 4 m wide Mafics, 5-10%py, fine grained , dark green, possibly a zone found in drill hole before main zone. Surfacc looks
Oll 4	16U	523390	5407804	269	mafic volca	20m long fine-grained mafic volcanics, unaltered 2-5% dispy, no major mineralization shear zone, exposed outcrop face

[Goldbar-Mackellar Showing Map.pdf](#)

[Geology Map.pdf](#)

[Marathon Waypoints.gpx](#)

Fig 4 Description of Other Samples

N696479 - Mafic volcanic, < 5% py, sphalerite?

N696480 – Intermediate volcanics, yellow rusted, < 5% py.

1106201- Intermediate volcanics, brecciated, <20% py, blue qtz eyes

1106202 - Intermediate volcanics, brecciated, <20% py, blue qtz eyes

1106203 - Intermediate volcanics, brecciated, < 25% py, sphalerite?

1106204 - Intermediate volcanics, brecciated, < 15% py, sphalerite?

Fig. 5 ALS Sample Numbers vs Sample Numbers on Back Map.

<u>Sample Number On Map</u>	<u>ALS Sample #</u>
DB 1	1106201
DB 2	1106202
DB 5	1106203
DB 6	1106204
DB 3	N696479
DB 4	N696480
OLL1	SAME
OLL2	SAME
OLL3	SAME
OLL4	SAME
MCL1	SAME
MCL2	SAME
MCL3	SAME
MCL4	SAME
MCL5	SAME
MCL6	SAME
LP1	SAME
LP2	SAME
LP3	SAME
LP4	SAME
Little Creek	SAME

Photo 1.
South East Shore Of Goldbar Lake



Photo 2 Sample Goldbar Lake.



LITTLE PIC

Photo 3 Sample Goldbar Lake



LITTLE PIC

Photo 4. Sample Goldbar Lake

LITTLE PIC



Photo 5. East Trench McKellar Lake





Photo 6. East Trench McKellar Lake

Photo 7. Shaft McKellar Lake. Too dangerous To Clean This Out. . 50ft deep.



Photo 8. Sample Location Shaft McKellar Lake

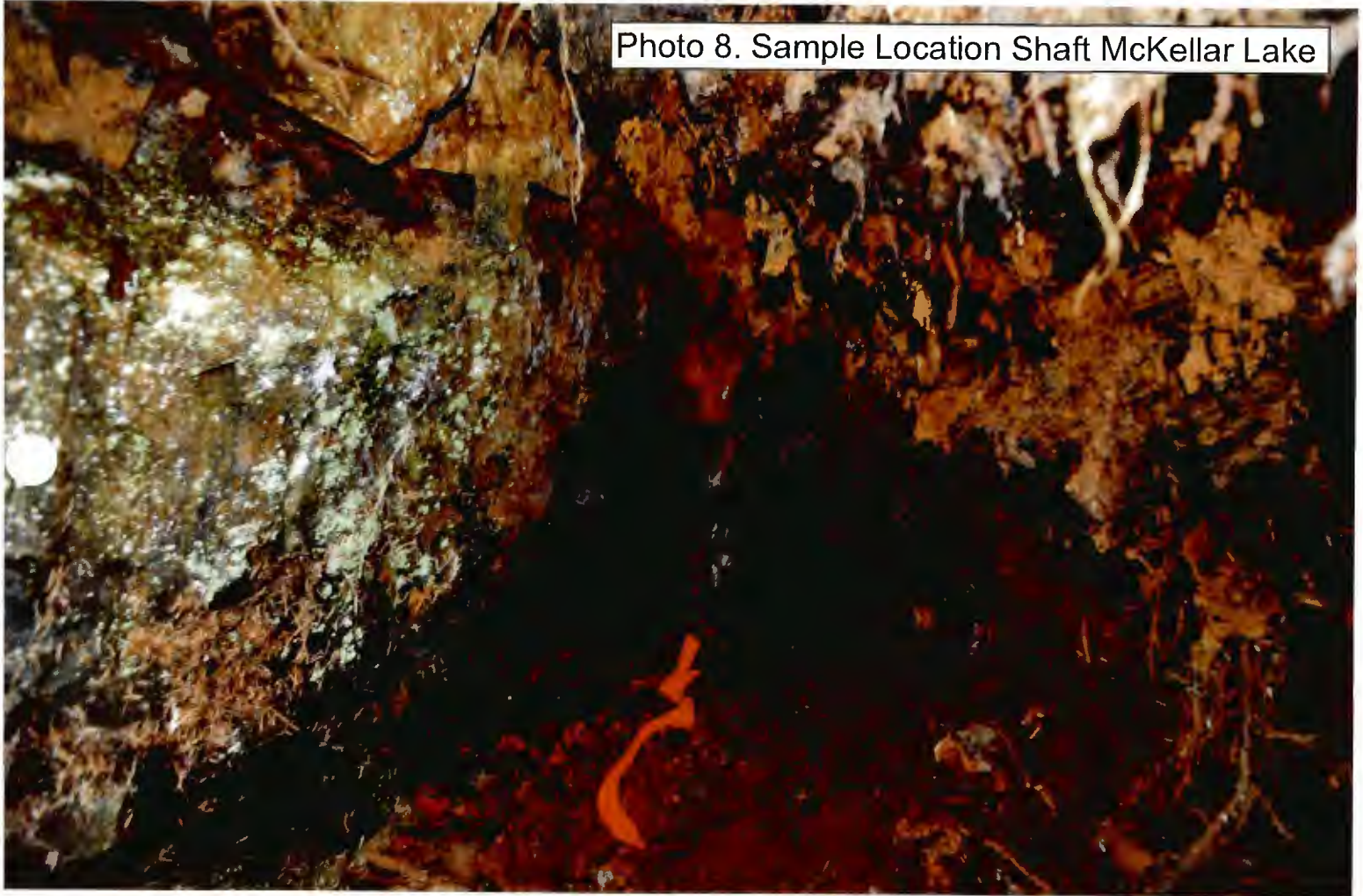


Photo 9. West Trench. Sample Location.



Photo 10. Sample McKellar Lake. Near Shaft

MACCELAR

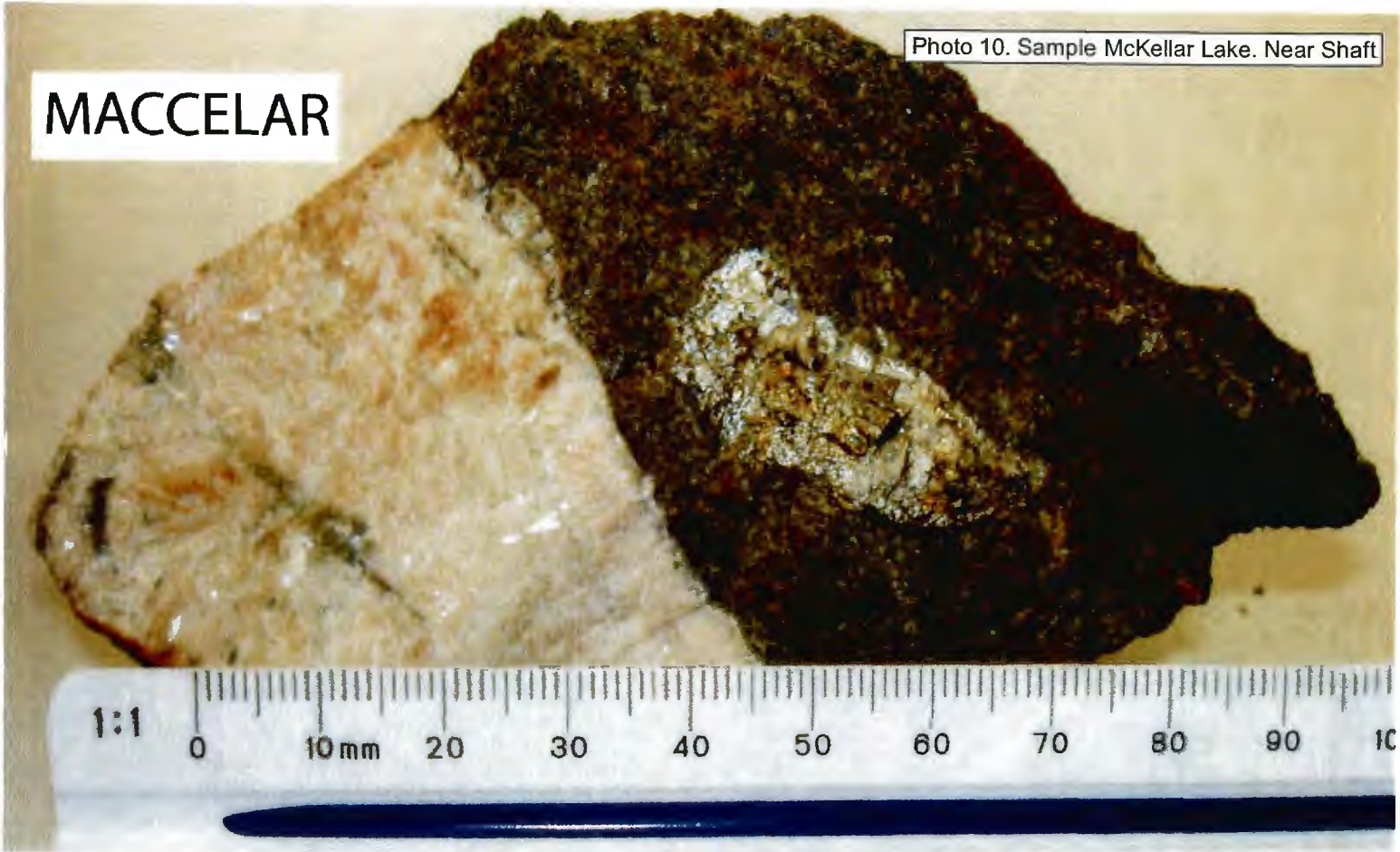
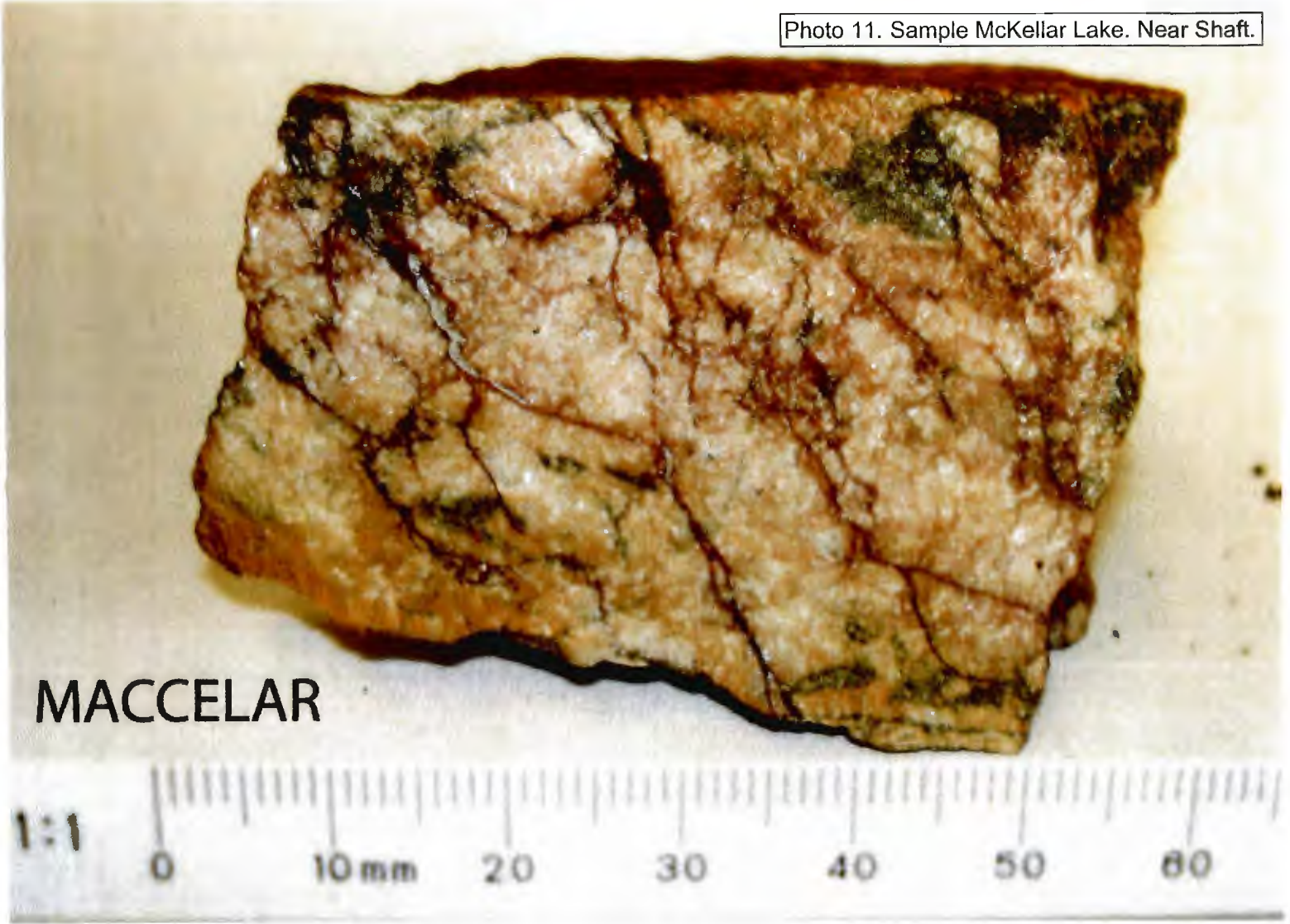


Photo 11. Sample McKellar Lake. Near Shaft.



MACCELAR

1:1

0 10 mm 20 30 40 50 60

MACCELAR



Photo 12. Sample McKellar Lake. West Trench.

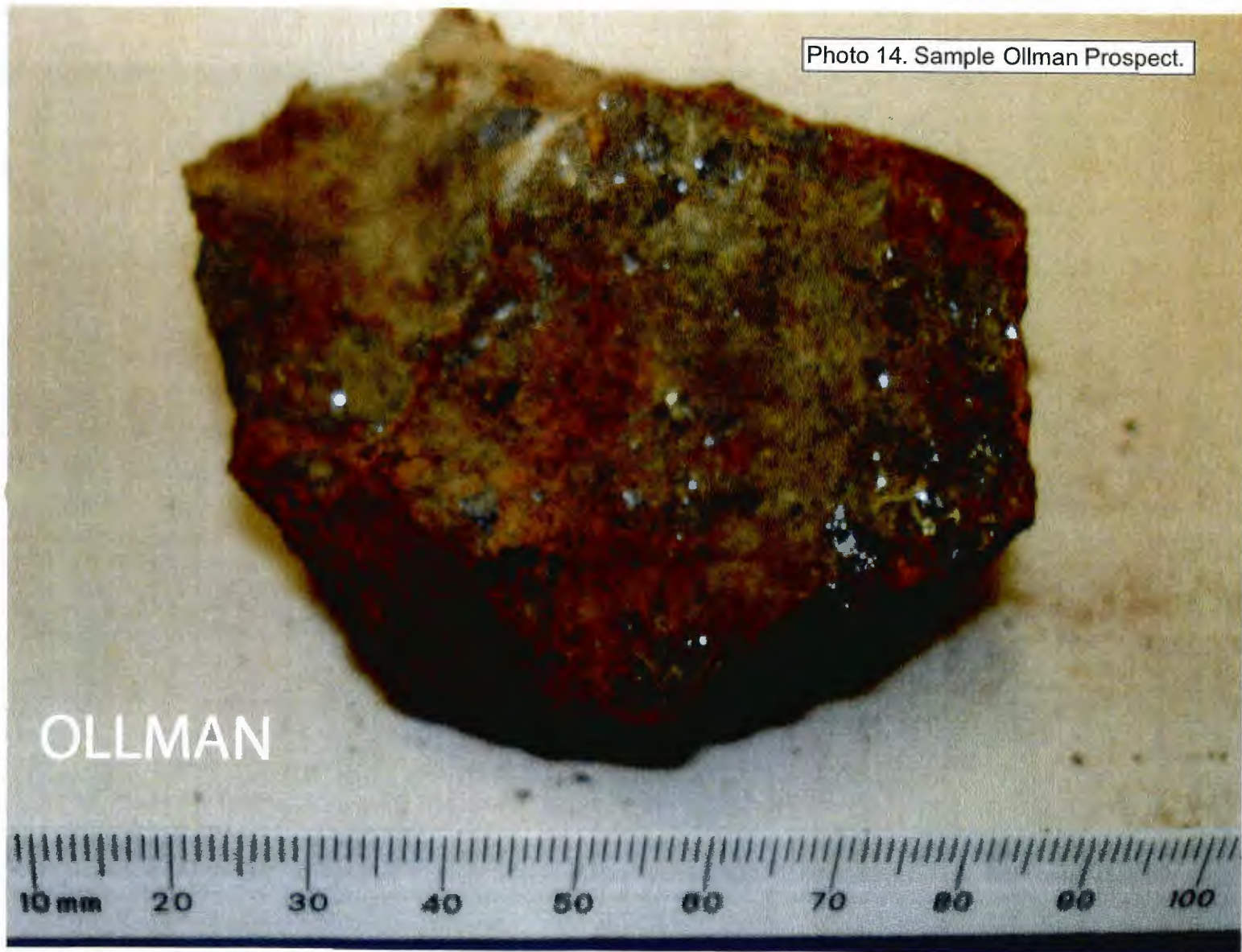
1:1



Photo 13. Sample OLL1. Ollman Prospect



Photo 14. Sample Ollman Prospect.



OLLMAN

Photo15. Sample. Ollman Prospect.





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 HERON BAY ON POT 1RO

Page: 1
 Finalized Date: 20- NOV- 2010
 Account: LVB

CERTIFICATE TB10167110

Project:
 P.O. No.:
 This report is for 2 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 11- NOV- 2010.

The following have access to data associated with this certificate:

DUNCAN MICHANO

SAMPLE PREPARATION

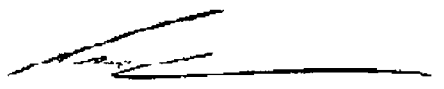
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
DRY- 21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP61a	High Grade Four Acid ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

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Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Account: LVB

CERTIFICATE OF ANALYSIS TB10167110

Sample Description	Method Analyte Units LOR	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a
		Ga ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
N696479 N696480		<50	<0.1	<50	1.08	5860	<10	<0.05	<10	70	<20	0.2	<50	<10	20	<50



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CERTIFICATE OF ANALYSIS TB10167110

Sample Description	Method Analyte Units LOR	ME- ICP61a Ti %	ME- ICP61a Ti ppm	ME- ICP61a U ppm	ME- ICP61a V ppm	ME- ICP61a W ppm	ME- ICP61a Zn ppm
N696479 N696480		0.05	<50	<50	20	<50	30



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Page: 1
 Finalized Date: 28- OCT- 2010
 Account: BRIGIO

CERTIFICATE TB10153408

Project: DEAD HORSE PROPERTY

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 20- OCT- 2010.

The following have access to data associated with this certificate:

BRIAN GIONET

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEJ- 21	Received Sample Weight
CRU- QC	Crushing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

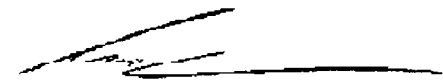
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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Signature:


 Colin Ramshaw, Vancouver Laboratory Manager



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Project: DEAD HORSE PROPERTY

CERTIFICATE OF ANALYSIS TB10153408

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
1106201		0.83	<0.2	2.46	2	<10	<10	<0.5	<2	0.07	<0.5	6	30	2	6.02	10
1106202		0.48														
1106203		1.36														
1106204		1.54	0.4	3.50	<2	10	30	0.7	<2	1.23	1.1	39	1	76	27.3	10



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CERTIFICATE OF ANALYSIS TB10153408

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
I106201 I106202 I106203 I106204		<1	0.01	<10	1.76	617	1	<0.01	21	390	3	0.20	<2	4	<1	<20
		1	0.18	10	1.40	3800	2	0.08	17	2110	14	>10.0	<2	8	57	<20



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CERTIFICATE OF ANALYSIS TB10153408

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- GRA21
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Au ppm
		0.01	10	10	1	10	2	0.05
1106201		<0.01	<10	<10	43	<10	13	
1106202								<0.05
1106203								<0.05
1106204		0.13	<10	<10	25	<10	896	



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CERTIFICATE TB11143359

Project: MARATHON BASE
P.O. No.:
This report is for 19 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 28- JUL- 2011.
The following have access to data associated with this certificate:
MARKO MOUDRAK

SAMPLE PREPARATION

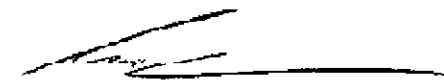
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP61 a	High Grade Four Acid ICP- AES	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: SPARTON RESOURCES INC.
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Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS TB11143359

Sample Description	Method Analyte Units LOR	WEI- 21	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %
MID1		2.10	2	7.83	<50	1010	<10	<20	7.70	<10	100	10	6210	15.65	<50	0.3
MID2		2.81	2	6.71	<50	950	<10	<20	7.55	<10	60	<10	5320	14.75	<50	0.6
MID3		1.63	2	6.70	<50	900	<10	<20	7.30	<10	80	<10	4590	17.40	<50	0.4
MID4		1.16	1	5.99	<50	950	<10	<20	7.58	<10	70	<10	2590	19.70	<50	0.2
OLL1		2.34	19	2.66	380	70	<10	<20	10.05	80	220	810	530	9.38	<50	0.7
OLL2		1.71	>200	3.10	220	80	<10	<20	7.86	100	40	390	130	11.00	<50	0.3
OLL3		0.62	<1	6.23	<50	130	<10	<20	4.03	<10	40	100	50	9.54	<50	0.5
OLL4		1.56	1	5.48	<50	180	<10	<20	4.59	<10	40	110	140	11.30	<50	0.4
MCL1		4.41	100	1.72	130	1560	<10	<20	14.80	230	10	<10	150	8.41	<50	0.8
MCL2		3.09	20	4.84	90	160	<10	<20	5.16	110	30	40	70	9.04	<50	1.7
MCL3		1.81	1	3.38	<50	110	<10	<20	0.37	<10	40	100	70	6.88	<50	0.6
MCL4		1.30	<1	3.37	<50	160	<10	<20	0.40	<10	90	30	10	18.65	<50	0.4
MCL5		2.04	1	3.63	<50	140	<10	<20	0.48	<10	40	70	10	10.35	<50	0.4
MCL6		1.69	<1	3.83	<50	80	<10	<20	0.26	<10	10	50	10	7.88	<50	0.6
LP1		3.21	<1	4.47	<50	400	<10	<20	0.13	<10	<10	20	70	3.69	<50	1.5
LP2		1.01	10	5.95	<50	130	<10	<20	0.35	<10	40	100	5110	11.00	<50	0.7
LP3		1.48	35	5.66	<50	220	<10	50	0.37	30	30	60	14950	11.05	<50	0.7
LP4		2.49	<1	4.55	<50	50	<10	<20	5.09	<10	60	90	120	17.65	<50	0.3
LITTLE CREEK		1.15	<1	5.54	<50	620	<10	<20	1.27	<10	20	110	50	3.78	<50	1.6



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CERTIFICATE OF ANALYSIS TB11143359

Sample Description	Method Analyte Units LOR	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm
MID1		50	3.18	1570	<10	1.54	160	10050	20	1.96	<50	20	1200	<50	1.29	<50
MID2		80	2.86	1650	<10	1.79	110	10300	30	1.13	<50	20	1010	<50	1.12	<50
MID3		60	3.18	1950	<10	1.75	90	9780	20	1.34	<50	30	970	<50	1.60	<50
MID4		60	3.87	2100	<10	1.28	30	12200	<20	0.36	<50	30	960	<50	1.92	<50
OLL1		<50	3.31	6540	<10	<0.05	2510	240	660	2.94	50	20	120	<50	0.18	<50
OLL2		<50	2.12	14200	<10	0.93	450	520	36200	1.44	90	20	120	<50	0.33	<50
OLL3		<50	2.06	2270	<10	3.31	100	1330	40	0.47	<50	20	210	<50	1.04	<50
OLL4		<50	1.88	3170	<10	1.88	150	1690	50	0.14	<50	20	240	<50	1.18	<50
MCL1		<50	3.58	15150	<10	<0.05	10	310	14650	5.02	60	10	680	<50	0.10	<50
MCL2		<50	0.99	7620	<10	<0.05	50	670	3520	0.75	<50	20	80	<50	0.30	<50
MCL3		<50	1.94	730	<10	3.61	170	1350	60	1.97	<50	10	120	<50	0.65	<50
MCL4		<50	1.37	840	<10	2.53	110	850	240	>10.0	<50	10	60	<50	0.60	<50
MCL5		<50	1.66	690	<10	3.50	90	1210	<20	6.14	<50	10	70	<50	0.78	<50
MCL6		<50	0.93	470	<10	4.18	20	1240	30	1.64	<50	10	70	<50	0.90	<50
LP1		<50	2.67	740	<10	0.20	<10	610	30	<0.05	<50	<10	20	<50	0.15	<50
LP2		<50	6.12	2050	<10	0.46	140	950	150	0.58	<50	10	50	<50	0.84	<50
LP3		<50	3.46	1880	30	0.57	50	870	480	2.12	<50	20	50	<50	0.87	<50
LP4		<50	8.83	2480	<10	0.45	70	160	<20	0.08	<50	60	90	<50	2.37	<50
LITTLE CREEK		<50	0.91	660	<10	0.46	70	610	20	0.30	<50	10	110	<50	0.28	<50



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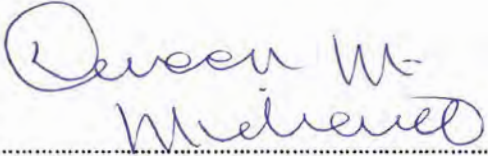
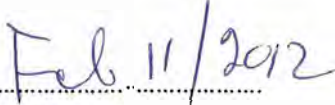
CERTIFICATE OF ANALYSIS TB11143359

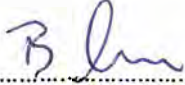
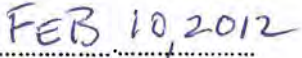
Sample Description	Method Analyte Units LOR	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	Ag- OG62	PGM- ICP23	PGM- ICP23	PGM- ICP23
		U ppm 50	V ppm 10	W ppm 50	Zn ppm 20	Ag ppm 1	Au ppm 0.001	Pt ppm 0.005	Pd ppm 0.001
MID1		<50	280	<50	120		0.014	0.011	0.005
MID2		<50	270	<50	110		0.016	0.014	0.007
MID3		<50	330	<50	180		0.016	0.010	0.006
MID4		<50	330	<50	150		0.007	<0.005	0.004
OLL1		<50	120	<50	11600		0.008	0.031	0.415
OLL2		<50	120	<50	17450	321	0.004	<0.005	0.007
OLL3		<50	270	<50	200		0.002	<0.005	0.002
OLL4		<50	310	<50	180		0.002	<0.005	0.002
MCL1		<50	40	<50	44300		0.004	<0.005	0.002
MCL2		<50	120	<50	17150		0.002	<0.005	0.006
MCL3		<50	190	<50	310		0.002	<0.005	0.001
MCL4		<50	140	<50	120		0.004	<0.005	0.001
MCL5		<50	160	<50	50		0.003	<0.005	0.003
MCL6		<50	170	<50	50		0.004	<0.005	0.001
LP1		<50	50	<50	210		0.001	<0.005	<0.001
LP2		<50	230	<50	1670		0.042	<0.005	0.001
LP3		<50	220	<50	7510		0.148	<0.005	0.001
LP4		<50	1150	<50	330		<0.001	<0.005	0.001
LITTLE CREEK		<50	110	<50	110		0.001	<0.005	0.002

Declaration of Work.

I declare that I have work on the Goldbar Lake, McKellar Lake, Deadhorse Creek Property on the days described on the Log Of Work Performed between June 2010 and July 2011.

Signed :

Duncan M Michano.....  Date..... 

Brian D Gionet.....  Date..... 

Log Of Work Performed On The Goldbar, McKellar, Deadhorse Property.

June 5, 2010. Duncan Michano, Brian Gionet. Cut deadfalls and brush from McKellar Creek and Hwy 17 up as far as the sidehill south of Goldbar Lake. Lot of blowdown. Trail boggy in a couple of places.

June 6, 2010. Duncan Michano, Brian Gionet. Cut deadfalls and brush from McKellar Creek to McKellar showings. Then cut deadfalls and brush from that trail to Camp Lake.

July 10, 2010. Duncan Michano, Brian Gionet. Made prospecting traverses north, west and south of the Goldbar Trench to try to pick up additional mineralization. Heavy shear zone on shoreline of Goldbar Lake. Iron Formation crosses the trail just south of the creek leaving Goldbar Lake. No py. No sample.

July 11, 2010. Duncan Michano, Brian Gionet. Made prospecting traverses north and south of Goldbar trench. Py in IF on hillside north east of trench along claim line. Graphite and py on top of hill further east of that location. Sample taken but misplaced. Prospecting Traverse along the claim line in the centre of the property to prospect around 2 small lakes where mineralization was noticed while staking. Two samples were taken. N696479 (DB 3) and N696479 (DB 4).

Sept 11, 2010. Duncan Michano, Brian Gionet. Northern portion of the property was prospected going west to a small lake. Heavy mineralization and alteration was noticed along this area in the creek bed. Four samples were taken at the point where the creek leaves the small lake. 1106201 (DB1), 1106202 (DB2), 1106203 (DB5), 1106204 (DB6). Prospected along west side of Camp Lake to determine if we could find the pits in the records that indicated high grade zinc. Found all pits but could find no zinc mineralization.

Sept 12, 2010. Duncan Michano, Brian Gionet. Northern and eastern portion of the property was prospected to determine extensions of the mineralized zones. It appears that the McKellar site sits on the flank of an iron formation. Prospected along McKellar Creek to try to determine strike length and direction of the Qtz Carbonate showing. Suspect it may lie right under and follow the creek bed which is covered with boulders and gravel.

Sept 18 ,19 and 26, 2010. Duncan Michano, Brian Gionet. All known trenches were cleaned of deadfall and brush, leaves, sticks and other accumulated organic material. Some were opened up to facilitate sample taking. Stripped more area along the bank of McKellar Creek to try to determine extent of Qtz Carbonate zone.

July 4, 2011. Duncan Michano, Brian Gionet. Prospecting around the Ollman Prospect to determine if there were offshoots to the deposit and to determine if the parallel zone expressed itself at surface.



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To: MICHANO, DUNCAN
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 35 PIC RIVER RD
 HERON BAY ON POT 1RO

Page: 1
 Finalized Date: 20- NOV- 2010
 Account: LVB

CERTIFICATE TB10167110

Project:
 P.O. No.:
 This report is for 2 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 11- NOV- 2010.
 The following have access to data associated with this certificate:
 DUNCAN MICHANO

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
DRY- 21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP61a	High Grade Four Acid ICP- AES	ICP- AES
Ag- OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES

To: MICHANO, DUNCAN
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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - B
 Total # Pages: 2 (A - C)
 Finalized Date: 20- NOV- 2010
 Account: LVB

CERTIFICATE OF ANALYSIS TB10167110

Sample Description	Method Analyte Units LOR	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a
		Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		50	0.1	50	0.05	10	10	0.05	10	50	20	0.1	50	10	10	50
N696479 N696480		<50	<0.1	<50	1.08	5860	<10	<0.05	<10	70	<20	0.2	<50	<10	20	<50



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CERTIFICATE OF ANALYSIS TB10167110

Sample Description	Method Analyte Units LOR	ME- ICP61a Ti %	ME- ICP61a Ti ppm	ME- ICP61a U ppm	ME- ICP61a V ppm	ME- ICP61a W ppm	ME- ICP61a Zn ppm
N696479 N696480		0.05	50	50	10	50	20
		0.05	<50	<50	20	<50	30



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To: BRIAN GIONET
20 MCFARLAND
BOX 1583
MARATHON ON POT 2E0

Page: 1
Finalized Date: 28- OCT- 2010
Account: BRIGIO

CERTIFICATE TB10153408

Project: DEAD HORSE PROPERTY
P.O. No.:
This report is for 4 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 20- OCT- 2010.
The following have access to data associated with this certificate:
BRIAN GIONET

SAMPLE PREPARATION


ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
AU- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: BRIAN GIONET
ATTN: BRIAN GIONET
20 MCFARLAND
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Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - C)
 Finalized Date: 28- OCT- 2010
 Account: BRIGIO

Project: DEAD HORSE PROPERTY

CERTIFICATE OF ANALYSIS TB10153408

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
I106201		0.83	<0.2	2.46	2	<10	<10	<0.5	<2	0.07	<0.5	6	30	2	6.02	10
I106202		0.48														
I106203		1.36														
I106204		1.54	0.4	3.50	<2	10	30	0.7	<2	1.23	1.1	39	1	76	27.3	10



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 Finalized Date: 28- OCT- 2010
 Account: BRIGIO

Project: DEAD HORSE PROPERTY

CERTIFICATE OF ANALYSIS TB10153408

Sample Description	Method Analyte Units LOR	ME- ICP41 Hg ppm	ME- ICP41 K %	ME- ICP41 La ppm	ME- ICP41 Mg %	ME- ICP41 Mn ppm	ME- ICP41 Mo ppm	ME- ICP41 Na %	ME- ICP41 Ni ppm	ME- ICP41 P ppm	ME- ICP41 Pb ppm	ME- ICP41 S %	ME- ICP41 Sb ppm	ME- ICP41 Sc ppm	ME- ICP41 Sr ppm	ME- ICP41 Th ppm
I106201		<1	0.01	<10	1.76	617	1	<0.01	21	390	3	0.20	<2	4	<1	<20
I106202																
I106203																
I106204		1	0.18	10	1.40	3800	2	0.08	17	2110	14	>10.0	<2	8	57	<20



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Project: DEAD HORSE PROPERTY

CERTIFICATE OF ANALYSIS TB10153408

Sample Description	Method Analyte Units LOR	ME- ICP41 Ti %	ME- ICP41 Tl ppm	ME- ICP41 U ppm	ME- ICP41 V ppm	ME- ICP41 W ppm	ME- ICP41 Zn ppm	Au- GRA21 Au ppm
		0.01	10	10	1	10	2	0.05
I106201		<0.01	<10	<10	43	<10	13	
I106202								<0.05
I106203								<0.05
I106204		0.13	<10	<10	25	<10	896	



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Page: 1
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CERTIFICATE TB11143359

Project: MARATHON BASE
 P.O. No.:
 This report is for 19 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 28- JUL- 2011.
 The following have access to data associated with this certificate:
 MARKO MOUDRAK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP61a	High Grade Four Acid ICP- AES	ICP- AES
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES

To: SPARTON RESOURCES INC.
 ATTN: MARKO MOUDRAK
 55 UNIVERSITY AVE
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 TORONTO ON M5J 2H7

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - C)
 Finalized Date: 21- AUG- 2011
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Project: MARATHON BASE

CERTIFICATE OF ANALYSIS TB11143359

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP61a Ag ppm	ME- ICP61a Al %	ME- ICP61a As ppm	ME- ICP61a Ba ppm	ME- ICP61a Be ppm	ME- ICP61a Bi ppm	ME- ICP61a Ca %	ME- ICP61a Cd ppm	ME- ICP61a Co ppm	ME- ICP61a Cr ppm	ME- ICP61a Cu ppm	ME- ICP61a Fe %	ME- ICP61a Ga ppm	ME- ICP61a K %
		0.02	1	0.05	50	50	10	20	0.05	10	10	10	10	0.05	50	0.1
MID1		2.10	2	7.83	<50	1010	<10	<20	7.70	<10	100	10	6210	15.65	<50	0.3
MID2		2.81	2	6.71	<50	950	<10	<20	7.55	<10	60	<10	5320	14.75	<50	0.6
MID3		1.63	2	6.70	<50	900	<10	<20	7.30	<10	80	<10	4590	17.40	<50	0.4
MID4		1.16	1	5.99	<50	950	<10	<20	7.58	<10	70	<10	2590	19.70	<50	0.2
OLL1		2.34	19	2.66	380	70	<10	<20	10.05	80	220	810	530	9.38	<50	0.7
OLL2		1.71	>200	3.10	220	80	<10	<20	7.86	100	40	390	130	11.00	<50	0.3
OLL3		0.62	<1	6.23	<50	130	<10	<20	4.03	<10	40	100	50	9.54	<50	0.5
OLL4		1.56	1	5.48	<50	180	<10	<20	4.59	<10	40	110	140	11.30	<50	0.4
MCL1		4.41	100	1.72	130	1560	<10	<20	14.80	230	10	<10	150	8.41	<50	0.8
MCL2		3.09	20	4.84	90	160	<10	<20	5.16	110	30	40	70	9.04	<50	1.7
MCL3		1.81	1	3.38	<50	110	<10	<20	0.37	<10	40	100	70	6.88	<50	0.6
MCL4		1.30	<1	3.37	<50	160	<10	<20	0.40	<10	90	30	10	18.65	<50	0.4
MCL5		2.04	1	3.63	<50	140	<10	<20	0.48	<10	40	70	10	10.35	<50	0.4
MCL6		1.69	<1	3.83	<50	80	<10	<20	0.26	<10	10	50	10	7.88	<50	0.6
LP1		3.21	<1	4.47	<50	400	<10	<20	0.13	<10	<10	20	70	3.69	<50	1.5
LP2		1.01	10	5.95	<50	130	<10	<20	0.35	<10	40	100	5110	11.00	<50	0.7
LP3		1.48	35	5.66	<50	220	<10	50	0.37	30	30	60	14950	11.05	<50	0.7
LP4		2.49	<1	4.55	<50	50	<10	<20	5.09	<10	60	90	120	17.65	<50	0.3
LITTLE CREEK		1.15	<1	5.54	<50	620	<10	<20	1.27	<10	20	110	50	3.78	<50	1.6

MIDDLETON

OLLMAN

McKELLAR

GOLDBAR

McKELLAR CREEK



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Page: 2 - B
 Total # Pages: 2 (A - C)
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 Account: SPARES

Project: MARATHON BASE

CERTIFICATE OF ANALYSIS TB11143359

Sample Description	Method Analyte Units LOR	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	
		La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm
		50	0.05	10	10	0.05	10	50	20	0.05	50	10	10	50	0.05	50
MID1		50	3.18	1570	<10	1.54	160	10050	20	1.96	<50	20	1200	<50	1.29	<50
MID2		80	2.86	1650	<10	1.79	110	10300	30	1.13	<50	20	1010	<50	1.12	<50
MID3		60	3.18	1950	<10	1.75	90	9780	20	1.34	<50	30	970	<50	1.60	<50
MID4		60	3.87	2100	<10	1.28	30	12200	<20	0.36	<50	30	960	<50	1.92	<50
OLL1		<50	3.31	6540	<10	<0.05	2510	240	660	2.94	50	20	120	<50	0.18	<50
OLL2		<50	2.12	14200	<10	0.93	450	520	36200	1.44	90	20	120	<50	0.33	<50
OLL3		<50	2.06	2270	<10	3.31	100	1330	40	0.47	<50	20	210	<50	1.04	<50
OLL4		<50	1.88	3170	<10	1.88	150	1690	50	0.14	<50	20	240	<50	1.18	<50
MCL1		<50	3.58	15150	<10	<0.05	10	310	14650	5.02	60	10	680	<50	0.10	<50
MCL2		<50	0.99	7620	<10	<0.05	50	670	3520	0.75	<50	20	80	<50	0.30	<50
MCL3		<50	1.94	730	<10	3.61	170	1350	60	1.97	<50	10	120	<50	0.65	<50
MCL4		<50	1.37	840	<10	2.53	110	850	240	>10.0	<50	10	60	<50	0.60	<50
MCL5		<50	1.66	690	<10	3.50	90	1210	<20	6.14	<50	10	70	<50	0.78	<50
MCL6		<50	0.93	470	<10	4.18	20	1240	30	1.64	<50	10	70	<50	0.90	<50
LP1		<50	2.67	740	<10	0.20	<10	610	30	<0.05	<50	<10	20	<50	0.15	<50
LP2		<50	6.12	2050	<10	0.46	140	950	150	0.58	<50	10	50	<50	0.84	<50
LP3		<50	3.46	1880	30	0.57	50	870	480	2.12	<50	20	50	<50	0.87	<50
LP4		<50	8.83	2480	<10	0.45	70	160	<20	0.08	<50	60	90	<50	2.37	<50
LITTLE CREEK		<50	0.91	660	<10	0.46	70	610	20	0.30	<50	10	110	<50	0.28	<50



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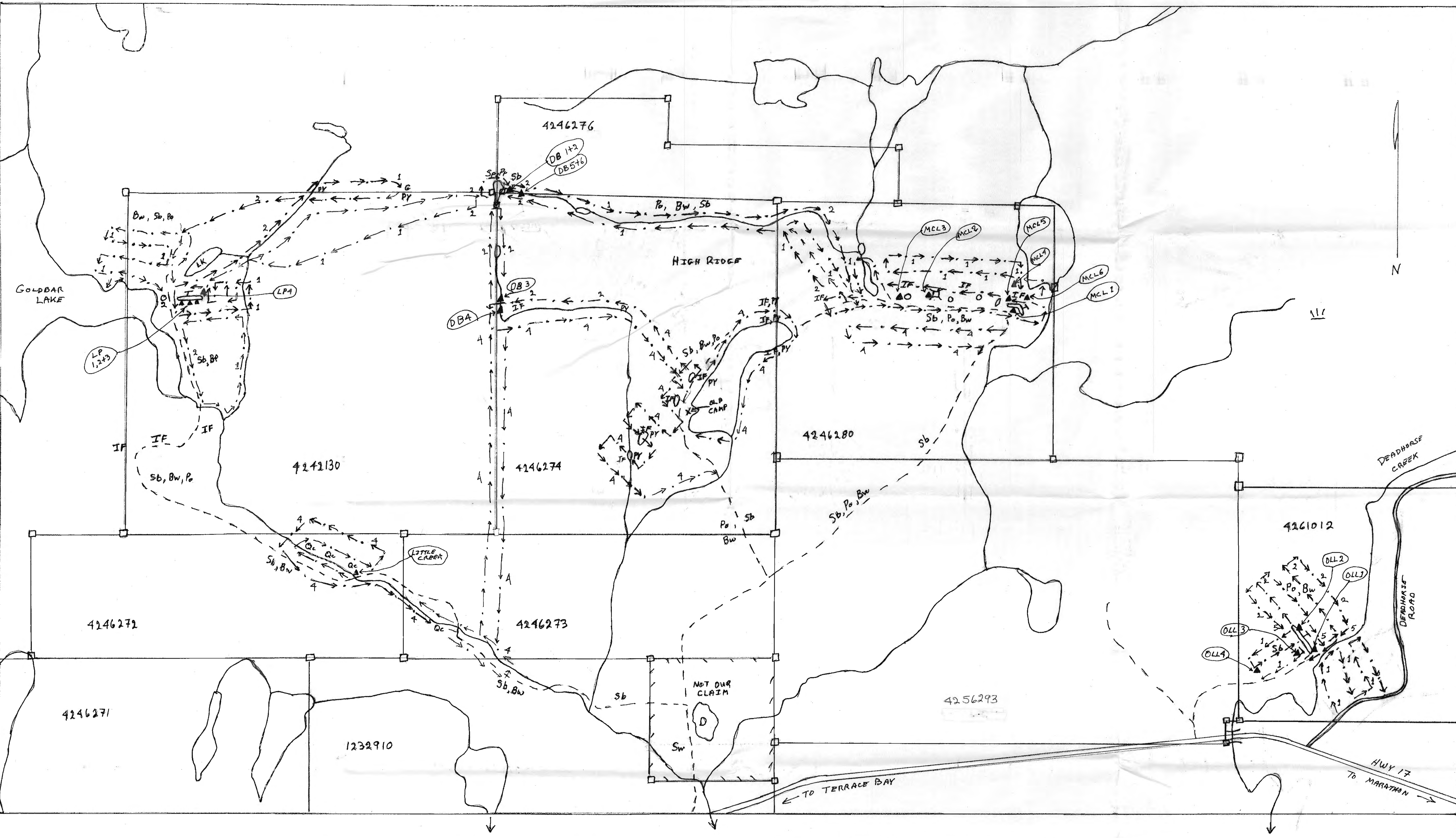
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Page: 2 - C
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 Account: SPARES

Project: MARATHON BASE

CERTIFICATE OF ANALYSIS TB11143359

Sample Description	Method Analyte Units LOR	ME- ICP61a	ME- ICP61a	ME- ICP61a	ME- ICP61a	Ag- OG62	PGM- ICP23	PGM- ICP23	PGM- ICP23
		U	v	W	Zn	Ag	Au	Pt	Pd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		50	10	50	20	1	0.001	0.005	0.001
MID1		<50	280	<50	120		0.014	0.011	0.005
MID2		<50	270	<50	110		0.016	0.014	0.007
MID3		<50	330	<50	180		0.016	0.010	0.006
MID4		<50	330	<50	150		0.007	<0.005	0.004
OLL1		<50	120	<50	11600		0.008	0.031	0.415
OLL2		<50	120	<50	17450	321	0.004	<0.005	0.007
OLL3		<50	270	<50	200		0.002	<0.005	0.002
OLL4		<50	310	<50	180		0.002	<0.005	0.002
MCL1		<50	40	<50	44300		0.004	<0.005	0.002
MCL2		<50	120	<50	17150		0.002	<0.005	0.006
MCL3		<50	190	<50	310		0.002	<0.005	0.001
MCL4		<50	140	<50	120		0.004	<0.005	0.001
MCL5		<50	160	<50	50		0.003	<0.005	0.003
MCL6		<50	170	<50	50		0.004	<0.005	0.001
LP1		<50	50	<50	210		0.001	<0.005	<0.001
LP2		<50	230	<50	1670		0.042	<0.005	0.001
LP3		<50	220	<50	7510		0.148	<0.005	0.001
LP4		<50	1150	<50	330		<0.001	<0.005	0.001
LITTLE CREEK		<50	110	<50	110		0.001	<0.005	0.002



SCALE: 1:5,000
 50m
 100 200 300 400m

GOLDBAR LAKE/DEADHORSE CREEK PROSPECTING MAP

PREPARED BY DUNCAN MICHAEL
 JAN 20/2012

LEGEND:

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> TRENCH PIT/STRIPPING CLAIM CORNER POST DIATREME TRAIL PROSPECTING TRAVERSE Sb BLACK SPRUCE Bf BALSAM FIR Bw WHITE BIRCH Po POPLAR | <ul style="list-style-type: none"> MARSH/SWAMP BRIDGE/CULVERT SHAFT Sw WHITE SPRUCE IF IRON FORMATION Py PYRITE G GRAPHITE ROCK SAMPLES | <ul style="list-style-type: none"> 1 MAFIC VOLCANICS 2 INTERMEDIATE + FELSIC VOLCANICS 4 SEDIMENTARY ROCKS 5 DIORITE OR GABBRO |
|--|---|--|