2.01724

# ALTO VENTURES LTD. MUD LAKE PROPERTY

REPORT ON

SUMMER 2005 GEOLOGICAL MAPPING AND SAMPLING

ELMHIRST AND WALTERS TOWNSHIPS THUNDER BAY MINING DISTRICT ONTARIO NTS 42 E/13

Val d'Or, Québec October 30<sup>th</sup>, 2005 Robert J. Tremblay Geologist, P.Geo.

# **FOREWORD**

This report presents an overview of the results of field work completed during the summer of 2005 on Alto Ventures Ltd.'s Mud Lake gold project.

The results of a geophysical survey completed later in the summer on a portion of the Mud Lake property are the subject of a separate report by Abitibi Geophysics Inc. (Rivest 2005).

#### **SUMMARY**

During the summer of 2005, Alto Ventures Ltd. completed work on its Mud Lake property in northwestern Ontario, including geological mapping, prospecting and sampling. The purpose of the program was to evaluate and understand the controls on gold mineralization along a major shear zone and to generate targets for diamond drilling.

The property hosts 10 gold showings spread out over a strike length of 6.5 kilometres, along a northeast-trending shear zone, named the "Mud Lake Shear". This shear lies within the Coyle Lake granodioritic stock.

Gold occurs in locally folded and brecciated quartz veins and their silicified walls with minor to moderate amounts of disseminated pyrite and traces of chalcopyrite.

Highlights of assay results from grab sampling include, along the shear from NE to SW:

No. 1 Showing, 30.0 g/T Au; at the northeast end of the presently outlined shear zone;

No. 2 Showing, 5.30 g/T Au; 1,000 m southwest of the No.1 Showing;

No. 3 Showing, 4.08 g/T Au; 500 m southwest of No.2 Showing;

No. 4 Showing, 5.49 g/T Au; 400 m southwest of No.3 Showing;

No. 5 Showing, 6.57 g/T Au; 200 m southwest of No.4 Showing;

Oliver Severn Showing, 50.6 g/T Au; 800 m southwest of No. 5 Showing;

No. 6 Showing, 19.81 g/T Au; 1,600 m southwest of Oliver Severn Showing;

Clarke Showing, 8.06 g/T Au; 700 m southwest of No. 6 Showing;

Clarke Extension Showing, 7.94 g/T Au; 150 m southwest of Clarke Showing

South Trench Area, 6.68 g/T Au; 900 m southwest of the Clark Extension Showing and at the southwest end of the presently outlined shear zone.

During the closing weeks of the program, the company completed 16.9 km of linecutting and IP geophysical surveying to test 2.1 km of the auriferous shear and covering the No. 3, 4, 5 and Oliver Severn showings. The survey, subject of a separate report (Rivest, 2005), identified 20 prospective IP responses which have been recommended for follow up testing.

Previous work over the length of the shear zone focussed on surface prospecting and trenching. The only known diamond drill holes completed along the Mud Lake Shear zone, are a few shallow holes on the Oliver Severn Showing completed during the 1930's. None of the other gold showings have previously been drilled.

Based on the results of the 2005 summer program, it is proposed that showings with coincident IP targets, as well as two showings located outside the surveyed area, would be best evaluated by diamond drilling.

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#### 1.0 INTRODUCTION

At the request of Mr. Marian (Mike) Koziol, Vice-President Exploration with Alto Ventures Ltd., the author completed detailed geological mapping, prospecting and sampling on the company's Mud Lake property, situated near Jellicoe, Ontario.

The Mud Lake property covers 10 gold showings spanning a strike length of 6.5 km along a northeast-trending shear zone transecting the Coyle Lake granodioritic pluton.

The 2005 field program had several objectives; to locate all previously reported gold showings along the shear zone; to complete geological mapping and sampling in order to establish the type and distribution of locally moderate to high grade gold mineralization; to examine the terrain along the favourable structure, away from known showings, in an effort to locate new mineral occurrences; to cover a portion of the gold-bearing sheared corridor with IP geophysical survey; with a final objective of generating targets for diamond drilling.

This report summarizes the results of the author's work, with the results of a geophysical survey covered in a separate report by Abitibi Geophysics Inc. (Rivest 2005).

### 1.1 Property Title

The Mud Lake claim block is situated in the Thunder Bay Mining District. It consists of 14 claims located in Elmhirst and Walters Townships. It is covered by NTS map sheets 42 E/13 and the approximate UTM coordinates in NAD 83 (Zone 16) for the centre of the property are 450000 m E and 5512000 m N.

Claims occupy crown lands and cover an area of approximately 1,696 hectares. Alto is working towards earning 100% interest in 8 claims from Beardmore prospectors Frank Houghton and Leroy Clark.. The remaining 6 claims are 100% owned by Alto Ventures Ltd. Claim numbers are listed in Table I below.

## TABLE I MUD LAKE PROPERTY CLAIMS LIST

TB 1204947, TB 1204950 TB 1205012, TB 1205082, TB 1205084

TB 1210760

TB 1215312

TB 1232680

TB 3010484

TB 3011482, TB 3011483, TB 3011485, TB 3011486 TB 4203980

# 1.2 Location, Access and Infrastructure

The project is situated approximately 55 kilometres west of the town of Geraldton, Ontario and 190 kilometres northeast of the city of Thunder Bay.

From Thunder Bay or Geraldton, the property can be reached by travelling along the Trans-Canada Highway (No. 11) to the intersection with forestry road 801, some 22 km east of the town of Beardmore. The southwest and central portions of the property are easily accessible by following this road some 10 km northwestward and by turning northeast onto the property's main access road (Main Road). Access to the northeastern portion of the property is possible via the Main Road. It is also possible by continuing several kilometres further on the 801 to the Namewaminikan (Sturgeon) River and by then turning northeast onto an old road just before the bridge. This road lies along the river (River Road) and leads to the northeast showings.

Old forestry roads provide good access to most of the property area. Most of these roads are overgrown but could be refurbished at low cost and then be accessible to most vehicles. At this time, most roads are only easily accessible to ATV vehicles, with one exception, the Wolf Road, which provides good access to the Oliver Severn and No. 6 showings. It is accessible to 4x4 trucks, even in wet conditions, and by 4X2 vehicles during the dry summer season.

In terms of access to heavy drill equipment, all gold showings would be easily accessible all-year round.

General labour is readily available from the nearby towns or villages of Jellicoe, Geraldton and Beardmore. More specialized mining and exploration personnel, services and equipment, would be mainly available from the more distant towns of Timmins, Sudbury and Thunder Bay.

# 1.3 Physiography

Along the area targeted in 2005, forestry operations were carried out some 15 years ago and most of the prospective area is covered by a regrowth mainly consisting of grey pine. A few stands of mature timber were left behind here and there, notably in the area spanning the No. 1 to Oliver Severn Showing and southwest of the South Trench area.

The terrain is generally very sandy and well drained and consists of rolling hills with a maximum relief in the order of 30-50 m. Outcrop exposure is locally very abundant and in areas devoid of outcrops, till cover is expected to be thin and in the order of 1 to 2 metres.

The northeast half of the area of interest comprises a series of small lakes and a creek lying along a northeast-trending drainage. Water for drilling operations along the mineralized fault is thus readily available.

#### 2.0 PREVIOUS WORK

According to past report by Ontario government geologists W.O. Mackasey and H. Wallace (1978) the Sturgeon River Gold Belt was originally explored for gold during the mid-1920s, after a gold discovery near Beardmore in 1925.

The first mention of gold mineralization on Alto's present holding can be found in the report described above. It refers to Oliver Severn Gold Mines Limited's property in south-central Elmhirst Township. The authors state that a field investigation of the property by government geologist in 1972 had failed to unearth any signs of exploration activity by this company and an account of the geology and mineralization was taken from a report by Bruce (1936, p.57).

The gold occurrence discovered and explored in the 1930s corresponds to the Oliver Severn Showing described in the present report. Bruce describes the lithologies at the showing, as well as the gold-bearing quartz and sulphides. It is reported that: "some diamond drilling was done in the winter of 1934-1935, and that the schist in which gold-bearing quartz veins occur was found to narrow and finger out at depth, as it does on surface. In most holes, little schist was found at vertical depths of 100 feet (30.5 m) and that the veins do not continue far into the granite beneath, and that work was discontinued."

It is likely that the discovery of most, if not all, the old gold showings on the property date back to the same period and followed the discovery of the Oliver Severn Showing.

The mandate of the author did not include a detailed search of government assessment files. This work was completed by Alto Ventures Ltd.'s staff and would appear to have been quite thorough. The author has briefly reviewed the old reports and maps provided by Alto.

Recent historical work on the property dates back to the period 1980 to 1999. A list of references pertaining to this period is presented at the end of the report and includes geophysics, geological mapping and sampling, stripping and sampling of old showings and diamond drilling. In the 1990s, efforts were aimed at re-locating old showings and then stripping work exposed large areas of mineralization for sampling, much of it by channel sampling. Most of the information however, is of little use and will not be described in any detail. Maps contained in these reports were nonetheless useful to locate the old gold showings.

Very little drilling was completed during this period and none of the holes were aimed at testing the gold showings under review. The approximate position of short holes drilled in 1981 (2 holes) and in 1999 (5 holes) is illustrated on the 2005 summer program map (Map 1) inserted in the back pocket.

Of interest however, is a geophysical induced polarization survey completed in 1981 by Mattagami Lake Mines that covers a portion of the property encompassing the No.3 and Oliver Severn showings. This survey outlined a well defined chargeability anomaly northwest of the No.3 Showing, but did not detect the weak concentrations of sulphides associated with goldbearing quartz veins at this location. The company proceeded with drilling the stronger anomaly, with negative results, leaving the gold showings untested.

Based on a review of all available historical data and on a thorough field investigation of each gold showing, the author concludes that with the exception of short drill holes completed on the Oliver Severn showing during the mid-1930s, no other diamond drilling have cored the gold-bearing shear zone.

#### 3.0 REGIONAL AND PROPERTY GEOLOGY

Regional Geology and property geology were described with great detail in past reports by the Ontario Geological Survey, in reports authored by Mackasey (1976) and Mackasey and Wallace (1978) from which key excerpts have been taken.

The property area is underlain by metavolcanics and igneous rocks of early Precambrian (Archean) age. It lies within the Wabigoon Belt of the Superior Structural Province. The oldest rocks are metavolcanics and metasediments, which are intruded by trondhjemite, quartz diorite, gabbro and related igneous rocks in the form of stocks, lenses and dikes. The metavolcanics range in composition from mafic to felsic and, along with their intercalated metasedimentary sequences, lie along an east-west axis. They form the southern limb of a broad west-trending regional fold. The dominant schistosity and major regional faults such as the Paint Lake fault, also strike roughly east-west.

In the property area, schistosities locally turn east-northeast to northeast, especially along the boundaries of the large stocks which intrude the volcano-sedimentary belt. Finally, northeast-trending faults are abundant in this area, locally displacing east-west regional faults and granite-volcanic contacts.

The present report will focus on the portion of the government report dealing with the Coyle Lake intrusive stock, focus of the 2005 gold exploration program.

The Mud Lake property is almost entirely underlain by the Coyle Lake stock. With a mineralogy ranging from granodiorite to trondhjemite, the intrusive is mostly massive, medium grained and porphyritic in places. The outer boundary (contact zone) is composed of hybrid intrusive rocks of dioritic composition and reported to be several metres in width.

As observed in the field, the intrusive displays a moderate to strong tectonic fabric, in the form of an increasingly well developed schistosity, approaching a well defined northeast-trending fault (unnamed) which transects the Coyle Lake stock. This fault lies along a valley comprising a series of small lakes and a creek which extends over the entire property.

The gold-bearing shear zone subject of the present report has been named the "Mud Lake Shear". In the northern part of the property, it lies parallel and close to the main fault described in the previous paragraph (Map 1) and comprises showings No.1, 2, 3, 4, 5 and Oliver Severn. In the central portion, the area of showing No. 6, the shear turns away from the main fault, to a more west-south-westerly direction and would then host the Clarke and South Trench showings (Maps 2 to 12).

Strong northeast shearing is accompanied by quartz veining where most of the gold is concentrated. Folding and resulting brecciation of the shear zone occur at several locations along this fault, with significant thickening of gold-bearing quartz zones. Such folding and brecciation is best exposed at the Oliver Severn, No.6 and Clark showings.

Sulphide mineralization in the granodiorite is generally very weak. Along the Mud Lake Shear zone, sulphides locally occur in concentrations generally ranging 1-5%. Consisting of disseminated pyrite and trace amounts of chalcopyrite, sulphides occur in the quartz veins injected along the fault and/or along their walls. Locally, stronger sulphide concentrations ranging 5 to 25% occur in millimetre to centimetre-thick siliceous banding usually occurring at or near the outer boundaries of the shear zone, or in pods within folded portions.

Intermediate to mafic intrusives have also been observed on the property and primarily along the Mud Lake Shear. The intrusives vary from massive textured to strongly sheared. They would appear to be mostly dioritic to gabbroic in composition, but could be locally ultramafic.

A well exposed north-south lying diabase dyke constitutes the youngest intrusive on the property. The dyke, which reaches 25-30 metres in thickness, cuts through the Clark Showing and has been traced northward and southward over several hundred metres.

Finally, a well developed north-northeast trending fault system has been observed throughout the work area, as illustrated on the detailed maps of many of the showings. Striking at an azimuth averaging 020 degrees, this fault system is late, transecting and locally displacing, more often in a sinistral manner, the SW-NE striking auriferous shear and its quartz veins.

## 4.0 2005 SUMMER PROGRAM

## 4.1 Description

The services of the author were retained to locate, examine, map and sample each gold showing along the Mud Lake Shear. The program was aimed at obtaining a better understanding of controls and distribution of gold mineralization along the shear.

To complete this work, the author was ably assisted by geologist Mike Koziol P.Geo., and by Derek Koziol and Luke Shimbeckler of Sudbury Ontario, university students hired to assist with summer field work. Data collected was compiled on maps produced by Mrs. Lorraine Dupuis, also of Sudbury.

Stripped areas resulting from work completed during the 1990s on old gold showings, were located with the help of old reports and maps. Some of these stripped areas are quite vast, covering up to 50-100 metres along the shear zone and 10-30 metres across.

At the Oliver Severn, No. 6, Clark and South Trench showings, relief is particularly significant, whereas at the other showings, it is relatively low. In order to complete geological mapping and locate sampling points with reasonable precision, control grids were established at each showing. Each grid consisted of a base line, tie lines and cross-lines generally spaced at 5 metre intervals. Stations were marked at 2.5 or 5.0 metre intervals along each line, as required. The position of each grid was then recorded by GPS with measurements taken in NAD 83.

Detailed maps at 1:250 scale were produced for each showing. Each map presents a summary view of the geology and structures, as well as UTM coordinates and all sampling points and numbers. These illustrations are inserted in the back pocket as maps 2 to 12.

Prospecting was also completed along the sheared corridor, in between old showings and to the southwest, beyond the South Trench area. Many samples were collected on outcrops and new exposures displaying deformation, with or without sulphides or quartz (map 1).

It should be pointed out that locating the source of gold-bearing boulders in this area is difficult, since glacial transportation is to the southwest and subparallel to the gold-bearing shear zone. This is based on observations on glacial stria at several locations along this structure. As a result, the shape, texture and angularity of any given glacial erratic only provide a partial indication of the proximity to its source.

Altogether, 298 samples were collected for analysis during the 2005 field program. Most samples are from the old trenches and strip zones. Other samples were collected along the Mud Lake Shear, from outcrops or from bedrock located by sounding bar and exposed by hand. The location of each sample appears in Table II, either as coordinates on detailed grids laid out on each showing, or as UTM coordinates where no grid was available. The table also comprises a

brief description of each sample and assay results.

All samples were selected, packaged, sealed and shipped by the author to Accurassay Laboratories in Thunder Bay, Ontario. All samples were analysed for gold by standard fire assay and atomic absorption on 30 gram sub-samples taken from a 250 to 550 gram split off each sample collected.

Map 1 presented in the back pocket, covers some 6.5 km of strike length along the northeast-trending Mud Lake Shear zone. In addition to gold showings and sample locations, the map also illustrates access routes and principal lakes and creeks. Induced polarization anomaly axis from the 2005 survey (Rivest, 2005) were plotted on map 13.

#### 4.2 Results and Discussion

Geological mapping and sampling provided valuable information on the distribution, characteristics and concentrations of gold mineralization along a major shear zone.

Gold occurs in NE-SW striking strongly sheared granodiorite and locally, dioritic to gabbroic intrusives. Gold is invariably linked to the presence of quartz along the shear, often accompanied by weak to moderate quantities of pyrite. The quartz occurs in the form of massive veins, as millimetre to decimetre-thick quartz banding along schistosity, and as quartz flooding and silicification in brecciated fold zones. Significant thickening of gold-bearing quartz occurs in the latter, as observed in the Oliver Severn, No. 6 and Clark showings, where auriferous quartz breccias range 1 to 5 metres in thickness.

Sulphide concentrations associated with the gold mineralization generally range 1% to 3%, with local enrichment to 5% to 25%. It mainly consists of disseminated pyrite, with trace amounts of chalcopyrite. The Oliver Severn, Clark and No. 2 showings display the highest concentrations of sulphides, with pyrite locally reaching 5 to 25%, accompanied by traces of chalcopyrite. In these areas of enrichment, sulphides occur as millimetre to centimetre thick bands and/or cm-size pods. Sulphide bands mostly occur at or near the outer contacts of the shear zone, whereas sulphide pods more often occur within folded portions of the shear. Samples carrying such sulphides commonly returned moderate grades of gold, ranging 3 to 10~g/T.

Prospecting between old showings along the Mud Lake Shear resulted in unearthing new occurrences of anomalous gold mineralization. Such is the case along the Main Road, north of the South Trench, where a flat outcrop consists of sheared rocks with millimetre-thick quartz banding and 1-5% disseminated pyrite. Among four samples collected on this outcrop, two consisted of rusty quartz veined and pyritic material and returned 3,554 and 3174 ppb (3.55 and 3.167 g Au/T) upon assaying. The other two were from the highly sheared, chloritic, calcareous and barren wall rock and yielded only geochemically anomalous values of 35 and 68 ppb.

Anomalous gold values were also obtained from newly exposed bedrock north of the Wolf Road, where gold reaches 426 ppb; along the south side of the same road where gold reaches 640 ppb; and southwest of showing no. 6 which returned to 490 ppb. The first location comprises heavy shearing and 30 to 50 cm thick quartz veining with traces of pyrite, whereas the other two host strongly sheared material also with traces of pyrite, but with little quartz.

Prospecting in the closing days of the program led to uncovering of old trenches which had not been stripped and cleaned during previous programs. Lying on the south side of the Wolf Road, between the Oliver Severn and the No. 6 showings, the trenches host strongly sheared material with quartz veining, very similar to that of the other gold-bearing trenches along the shear zone. Limited hand stripping and sampling in these trenches returned one anomalous gold assay of 269 ppb.

A sample was collected on a sulphide-rich quartz diorite outcrop north of the Main Road and northeast of the Clarke Showing. The sample which hosted up to 20% pyrite, traces of chalcopyrite and possible traces of arsenopyrite, was analysed for gold and platinum group elements. It returned geochemically anomalous 85 ppb gold, but negative values in PGEs. The diorite is nearly undeformed and lies near the eastern contact of a 30 m-wide north-south striking diabase dyke, which can be traced over hundreds of metres across the property.

A well developed north-northeast striking late fault system may in part explain apparent displacements along the Mud Lake Shear zone. At some locations, displacements resulting from these faults and associated folds range 1-10 metres. This would translate into significant displacements if measured over longer distances along the gold-bearing shear.

Past work over the Mud Lake Shear zone focussed on surface prospecting, trenching and sampling. Recent field work did not unearth any evidence of past diamond drilling on or near most of the old gold showings. At the Oliver Severn Showing however, an old casing was found. This casing would represent one of the shallow drill holes completed during the 1930's.

Based on the results of the 2005 summer program, it is proposed that showings with coincident IP targets identified in the geophysical report would be best evaluated by diamond drilling.

Planning of future drill holes on showings characterized by folding should take into consideration the trend and plunge of these folds. Orientation measurements taken on small-scale folds on the No. 1, 6 and Clarke showings indicate a fairly constant trend and plunge of 230 degrees and 30-35 degrees. This is very similar to the westerly trend and plunge of many gold-bearing folds of the Geraldton mining camp. At the Oliver Severn Showing, fold axis trend is both east and west, but at a very steep 80 degrees. Finally, east-trending plunges were observed at the No. 4 Showing, where they trend at 070 degrees and plunge 30 to 40 degrees.

TABLE II - ASSAY HIGHLIGHTS AND SAMPLE CHARACTERISTICS

SHOWING	ASSAY HIGHLIGHTS AU > 3 G/T	QUARTZ TYPE	% SULPHIDES AND FORM
No. 1	19.373 19.983 22.680 30.067	Massive Massive Massive Massive	1-2% Py disseminations Barren Trace Py 1% Py
No. 2	1.21 5.30	Silicification Breccia	2-10% Py as disseminations in bands 20-25% Py, trace Cp
No.3	2.994 2.447 3.195 4.085	Massive Banded Banded Massive	Barren Trace Py Barren Trace Py
No.4	3.609 4.024 4.796 5.362 5.496	Massive Massive Massive Breccia Massive	1% Py in patchy disseminations Same Same Same Py traces to 1% locally
No.5	3.530 4.762 4.819 5.033 6.251 6.413 6.572	Massive-cherty Banded Banded Banded Banded Banded-cherty Banded-cherty	Py in traces to 1% locally Py 1-3%, disseminated Py in traces Py 1-3%, disseminated Same Py in traces to 1% locally Same
Oliver Severn	3.102 7.693 8.350 50.610	Silicified Banded Massive Massive	Py 10% in mm-thick banding Py 2-5% Py, trace Cp in cm-size patches Rusty, sulphides altered
No. 6	4.143 5.708 6.384 6.899 15.806 19.814	Massive Banded Massive Banded Banded Silicification	Py in traces Same Same Py in traces to 1% locally Py heavy in sparse mm-thick bands Rusty, Py in traces.

TABLE II - ASSAY HIGHLIGHTS AND SAMPLE CHARACTERISTICS (CONTINUED)

SHOWING	ASSAY HIGHLIGHTS AU > 3 G/T	QUARTZ & TYPE	% SULPHIDES AND FORM
Clark	3.663 4.598 4.861 4.889 6.764 7.472 8.058	Breccia Breccia Silicification Veinlets Silicification Silicification Silicification	Py, traces to 1% 1-3% Py, traces of Cp Py, 1-5% patchy, brecciated texture Py in traces Py, 25-30% in mm-thick bands in shear Py, 20-25% in mm-thick bands in shear Py, 1-5%, patchy, brecciated texture
Clark Extension	6.421 7.938	Banded Breccia	Py, 1-5% disseminated Py, 2-10%, disseminated
South Trench	3.174 3.280 3.554 4.417 6.678	Banded Veinlets Banded Massive Brecciated	Py 1-2%, disseminated and in stringers Barren Py 1-2%, disseminated and in stringers Trace Py Py, 1-10% in veinlets and their walls.

#### 5.0 CONCLUSIONS

The 2005 summer program was successful in that it confirmed the continuity and strength of the auriferous Mud Lake Shear zone on the property. Geological and assay information acquired during this program provide a better understanding of the characteristics, distribution and structural controls on gold mineralization along the shear zone.

Gold-bearing quartz veins occur in a series of showings, dispersed over a 6.5 kilometrelong portion of the northeast-trending shear zone. All 10 previously reported showings were relocated and the presence of gold mineralization at each one was confirmed.

Gold mineralization is commonly found in quartz veining with small quantities (1-3%) of disseminated pyrite and traces of chalcopyrite. Quartz is injected along schistosity at most locations and varies from centimetres to metres in thickness. Gold-bearing quartz also locally occurs as millimetre to centimetre-thick quartz banding in strongly sheared sericitic material and as quartz flooded-silicified breccia zones in folded locations. Significant thickening of gold-bearing quartz occurs in the latter, ranging 1 to 5 metres in thickness. Such breccias are particularly well developed at the Oliver Severn, No.6 and Clarke showings.

Gold mineralization occurs locally along the outer boundaries of the shear in silicified, quartz banded zones with 5-25% disseminated Pyrite. Such gold-bearing sulphide zones were observed along the northern contact of the shear at the No. 2 and Oliver Severn showings and along both north and south contacts at the Clarke Showing. In addition, gold mineralization is associated with centimetre-size pockets of massive pyrite with secondary chalcopyrite and traces of galena, mainly found in the folded portion of the Oliver Severn Showing.

A well developed north-northeast striking fault system occurs throughout the mapped area. These late-stage faults transect and displace, more often in a sinistral manner, northeast-trending auriferous shearing and quartz veining. With its associated folding, this fault system may explain apparent displacements along the northeast-trending Mud Lake shear.

Detailed field work did not uncover evidence of diamond drilling activities on or near all but one of the old gold showings. At the Oliver Severn Showing, an old casing was found which likely represents a shallow drill hole completed during the 1930's. Consequently, none of the other gold showings have previously been drilled.

Previous work over the length of the shear zone focussed on surface prospecting, followed by stripping and sampling of old showings. Based on the results of the 2005 summer program, it is proposed that gold showings with coincident IP targets identified by the 2005 geophysical survey and two showings not covered by the survey would be best evaluated by diamond drilling.

#### 6.0 RECOMMENDATIONS

A first pass drilling program is recommended on several of the property's gold showings, to determine the width and strength of shearing and gold mineralization at shallow depths. In order to complete this first test, 2 holes are recommended at each showing.

In the area covered by the IP geophysical survey, drilling will be required on showings which display coincident anomalies. Outside this area, drilling is recommended on the No.6 and Clarke showings. These display strong shearing and folding accompanied by thick gold-bearing quartz flooded tectonic breccias and among the thickest gold-bearing zones observed along the Mud Lake Shear zone.

A program consisting of approximately 1,000 metres of drilling will be required to complete this first evaluation.

Robert J. Tremblay, P. Geo.

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#### 8.0 CERTIFICATE

### This will certify that:

I am a resident of Val d'Or (Val Senneville), Quebec, residing at 107 Zephir St., J0Y 2P0;

I have been continuously engaged in mineral exploration since 1975;

I have graduated from the University of Ottawa with an Honours B.Sc. degree with specialization in geology (structural geology), in 1975;

I am a Professional Geologist in good standing of the Quebec Order of Geologist, holding the member No. 616.

I am a Fellow of the Geological Association of Canada where I hold the number F6731;

This report is based on field work completed by the Author during the summer of 2005 on Alto Ventures Ltd.'s Mud Lake claim block; this work included the search for all old showings, detailed structural mapping and representative sampling of all stripped zones.

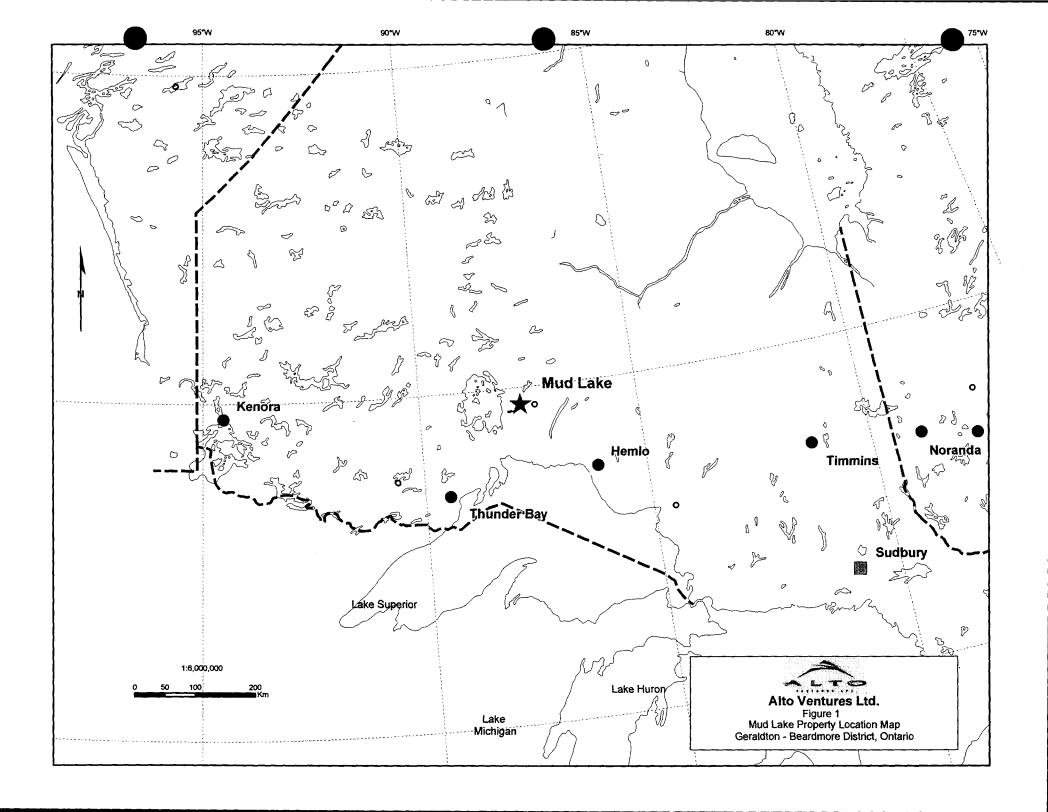
I have declared in this report all the information, which to the best of my knowledge, has direct bearing on the property under study and on the recommendations put forward;

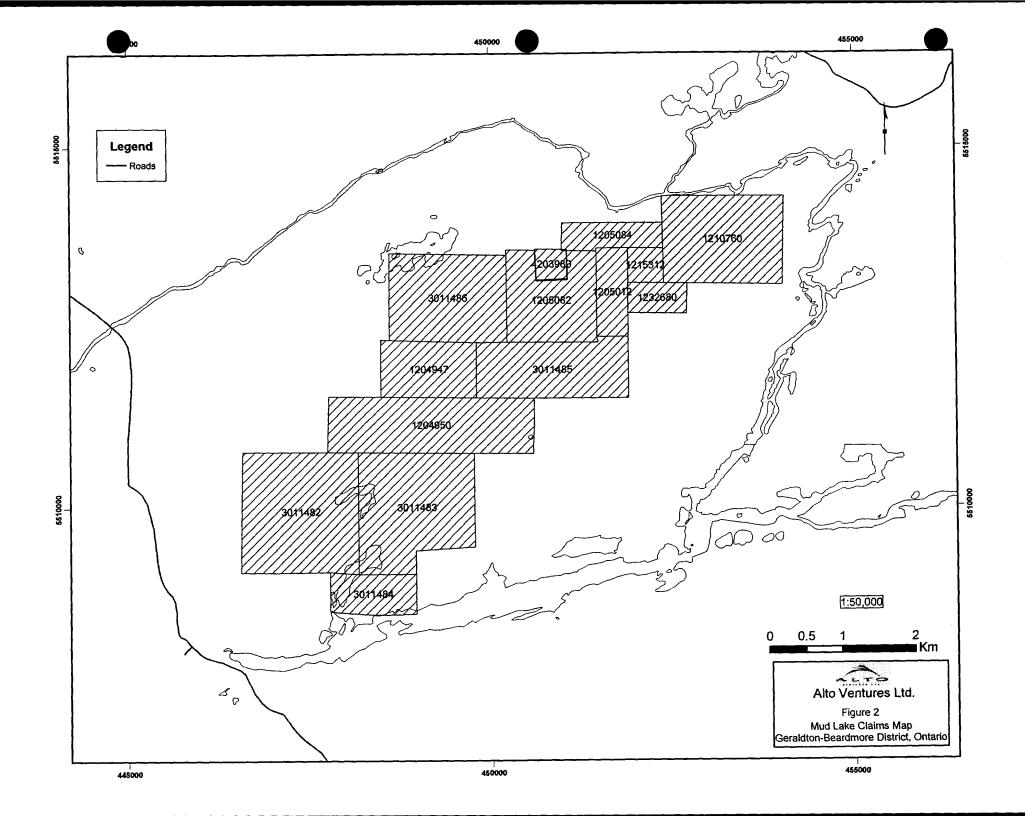
I hold no direct interest in the Mud Lake claim block of Alto Ventures Inc.;

I hold an indirect interest in the property, as I personally hold a small number of common shares of Alto Ventures Ltd..

Robert J. Tremblay, Geologist, P.Geo.

October 30<sup>th</sup>, 2005





# APPENDIX I

MUD LAKE PROPERTY, ELMHIRST & WALTERS TWPS. ONT. 2005 PROGRAM - SAMPLE DESCRIPTION AND ASSAY RESULTS

	MUD LAKE PROPERTY, ELI	MHIRST & WALTERS TWPS. ONT. 2005 PROGRAM - SAMPLE DESCRIPTION AND A	SSAY RESULTS		
SAMPLE (FIELD NO	DOLOCATION	DESCRIPTION	PPB	oz/t	PPM
SHOWING NO. 1, 4	53370 E, 5514257 N (Station 0 on	control line) UTM NAD 83			
62448 MUD05-01	48.0 S, 3.5 W	20 cm qtz vein along shear at Azimuth 040 with 1% Py	30067	0.877	30.06
62449 MUD05-02	65.0 S, 2.0 E	Blasted pit; quartz veining with traces Py	22680	0.662	22.68
62450 MUD05-03	Same as 02	Sericite schist, with weak silica flooding	102	0.003	0.102
62451 MUD05-04	26.0 S, 3.5 W	20 cm quartz vein along main shear	19983	0.583	19.98
15251	2.0 S, 5.0 E	Composite, sheared rusty zone; siliceous	189	0.006	0.189
15252	82.0 S, 5.0 E	Blasted rock; quartz with patchy 1-2% Py disseminations	19373	0.565	19.37
15253	41.0 S, 0	Quartz vein lying at Azimuth 020; just SW of fold &old blast pit	1591	0.046	1.591
15254	42.5 S, 1.0 E	Siliceous wall rock of vein, about 25 cm SE of quartz vein.	271	0.008	0.271
SHOWING NO. 2, 4	52423 E, 5513750 N (Station 0 on	control line) UTM NAD 83			
62452 MUD05-05	1.5 E, 4.5 N	Sheared, sericitic; quartz-rich, with trace amounts of Py	330	0.01	0.33
62453 MUD05-06	2.0 E, 3.2 N	Same as above,	35	0.01	0.035
62454 MUD05-07	10.0 E, 2.0 N	Sericite schist and granite contact; quartz rich, pyritic, rusty.	274	0.008	0.274
62455 MUD05-08	11.5 E, 0.5 S	Sheared, quartz-rich fold at granite-volcanic contact; 2-5% Py.	239	0.007	0.23
62456 MUD05-09	16 E, 1.0 S	Sheared, sericitic; quartz-rich, with 1-2% Py	113	0.003	0.11
62457 MUD05-10	21.2 E, 2.2 S	Sheared, sericitic; 2-10% Py in bands; along granite contact.	913	0.027	0.913
62458 MUD05-10	Check assay		1214	0.035	1.21
62459 MUD05-11	25.0 E, 3.0 S	Sheared, sericitic, with quartz flooding; along granite contact	192	0.006	0.192
62460 MUD05-12	42.5 E, 1.2 S	Edge of quartz vein zone; sheared, traces to 1-2% pyrite.	298	0.009	0.298
62461 MUD05-13	45.0 E, 1.5 S	Same as above.	66	0.002	0.066
15255	452395 E, 5513678 N	No.2 area; sheared felsic volcanic, Az. 070/70 SE, rusty, tr. Py	6	<0.001	<0.00
15256	15.0 E, 0.25 S	20-25% Py, trace Cp in heavily brecciated quartz veining	5298	0.155	5.298
15257	28.0 E, 3.2 S	Quartz veined zone, with 1-2% Py	41	0.001	0.041
HOWING NO. 3, 4	51648 E, 5513663 N (Station 0 on 6	control line) UTM NAD 83			
63913 MUD05-14	58.1 NE, 0.6 W	Sheared, siliceous; with rare traces of Py.	<5	<0.001	<0.00
63914 MUD05-15	57.4 NE, 1.5 W	Same as above	<5	<0.001	<0.00
63915 MUD05-16	57.8 NE, 0.6 E	Sheared, rusty, quartz-chlorite, ~25 cm from qtz vein	10	<0.001	0.01
63916 MUD05-17	,	30-40 cm quartz-carbonate vein along main shear	2994	0.087	2.994

SAMPLE (FIELD NO	LOCATION	DESCRIPTION	PPB	oz/t	РРМ
63917 MUD05-18	57.9 NE, 1.4 E	Chlorite schist with quartz-calcite bands; with traces Py	247	0.007	0.247
63918 MUD05-19	57.7 NE, 1.9 E	Quartz-carbonate vein along main shear; traces of Py	4085	0.119	4.085
63919 MUD05-20	57.8 NE, 2.2	Rusty quartz-chlorite schist; with rare traces of Py	<5	<0.001	<0.005
63920 MUD05-21	57.5 NE, 2.5 E	Sheared sericitic; barren	39	0.001	0.039
63921 MUD05-22	56.2 NE, 2.2 E	Sheared, sericitic wall rock to quartz-carbonate vein	711	0.021	0.711
63922 MUD05-23	55.3 NE, 2.8 E	Sheared, sericitic; barren	17	<0.001	0.017
63923 MUD05-23	Check assay		22	<0.001	0.022
63924 MUD05-24	53.5 NE, 4.0 E	Same as above	<5	<0.001	<0.005
63925 MUD05-25	29.0 NE, 1.5 W	Same as above	<5	<0.001	<0.005
63926 MUD05-26	29.0 NE, 0.3 W	Same as above, minor quartz veining	<5	<0.001	<0.005
63927 MUD05-27	29.0 NE, 0.1 E	Same, more quartz veining	3195	0.093	3.195
63928 MUD05-28	28.9 NE, 0.5 E	Same, less quartz	280	0.008	0.28
63929 MUD05-29	28.7 NE, 0.8 E	Carbonatized, chloritic quartz-rich schist; barren	17	<0.001	0.017
63930 MUD05-30	28.7 NE, 1.1 E	Sheared, sericitic; barren	21	<0.001	0.021
63931 MUD05-31	28.7 NE, 1.2 E	Sheared, sericitic; mm to cm quartz banding; trace Py	2447	0.071	2.447
63932 MUD05-32	28.7 NE, 1.5 E	Same as above	589	0.017	0.589
63933 MUD05-33	29.1 NE, 2.1 E	Sheared, sericitic; barren	12	<0.001	0.012
63934 MUD05-33	Check assay		9	<0.001	0.009
63935 MUD05-34	28.9 NE, 2.6 E	Sheared; strong carbonate and chlorite alteration; barren	<5	<0.001	<0.005
63936 MUD05-35	28.6 NE, 3.7 E	Same as above	46	0.001	0.046
63937 MUD05-36	28.7 NE, 4.3 E	Same as above, more siliceous	<5	<0.001	<0.005
SHOWING NO. 4, 45	31432 E, 5513383 N (Station 0 on control line	e) UTM NAD 83			
63938 MUD05-37	27.0 S W, 4.5 N	Quartz vein, with 1% Py in patchy disseminations	3609	0.105	3.609
63939 MUD05-38	27.0 SW, 4.4 N	Same as above	4796	0.14	4.796
63940 MUD05-39	27.0 SW, 4.1 N	Same as above	4024	0.117	4.024
63941 MUD05-40	28.0 SW, 3.6 N	Sheared sericitic; minor quartz veining	64	0.002	0.064
63942 MUD05-41	28.0 SW, 3.2 N	Cherty quartz; strong carbonate-hematite; traces of Py	155	0.005	0.155
63943 MUD05-42	28.1 SW, 2.9 N	Sericitic, with fine quartz veinlets; trace Py	11	<0.001	0.011
63944 MUD05-43	28.5 SW, 2.6 N	Very strong carbonatized, thick limonite alteration	7	<0.001	0.007
63945 MUD05-43	Check assay		10	<0.001	0.01
63946 MUD05-44	29.3 SW, 2.5 N	Same as above +50% quartz veining; barren	73	0.002	0.073
63947 MUD05-45	32.0 SW, 1.6 N	Strong sheared, sericitic; barren	<5	<0.001	<0.005
63948 MUD05-46	31.9 SW, 2.1 N	Same as above	<5	<0.001	<0.005
63949 MUD05-47	32.3 SW, 2.5 N	Quartz breccia; smokey grey quartz; trace Py	2602	0.076	2,602

SAMPLE (FIELD NO	) LOCATION	DESCRIPTION	PPB	oz/t	PPM
63950 MUD05-48	31.6 SW, 2.8 N	Same as above; 1% Py.	5362	0.156	5.362
63951 MUD05-49	31.6 SW, 3.3 N	Quartz with traces to 1% Py locally	5496	0.16	5.496
63952 MUD05-50	31.4 SW, 4.0 N	Sericite schist with quartz flooding and trace Py	2093	0.061	2.093
63953 MUD05-51	31.4 SW, 3.7 N	Same as above	1678	0.049	1.678
15258	451409 E 5513550 N	In between showings # 3 and 4	<5	<0.001	<0.005
WOLF TRAIL TREN	CH ZONE, 449905 E, 5512120 N				
18009	449222 E 5512133 N	Trench 1, Easternmost trench; blasted rubble; qtz flooded, shd. +tr1% Py	61		
18010	Same trench, up-slope to NW	Same, strongly shdcarser. rock; rusty; siliceous+traces of Py	60		
18011	Same trench, up-slope to NW	Same rock + quartz and mm-thick stringers of massive Py.	269		
18012	~3 m on Az. 060 from 18011	Same rock + traces of Py	24		
18013	~2 m on Az. 020 from 18012	Same rock + traces of Py	10		
18014	3-4 m NW of 18012;	Top of NW-facing slope; Same sheared-altered rock, with traces of Py	12		
18015	449910 E 5512125 N	Trench 2, SW of Trench 1; Same sheared altered rock.	13		
18016	4-5 m NW of 18015	Same sheared altered rock, with qtz veining and rare traces of Py	14		
18017	449898 E 5512115 N	Same sheared altered rock, with few qtz veinlets and rare traces Py	10		
18018	449882 E 5512108 N	Blasted fragment; same as above	61		
SHOWING NO. 5, 4	5321 E, 5513295 N (Station 0 on cont	rol line) UTM NAD 83			
63954 MUD05-52	9.9 NE, 4 N	Sericitic schist, with quartz	11	<0.001	0.011
63955 MUD05-53	9.8 NE, 3.6 N	Strong sheared, sericitic and siliceous	<5	<0.001	<0.005
63956 MUD05-53	Check assay		<5	<0.001	<0.005
63957 MUD05-54	9.4 NE, 3.3 N	Same as above	<5	<0.001	<0.005
63958 MUD05-55	5.0 NE, 3.5 N	Same as above	<5	<0.001	<0.005
63959 MUD05-56	5.0 NE, 3.0 N	Same as above	<5	<0.001	<0.005
63960 MUD05-57	5.1 NE, 2.5 N	Same as above	7	<0.001	0.007
63961 MUD05-58	4.9 NE, 2.1 N	Same as above	<5	<0.001	<0.005
63962 MUD05-59	4.8 NE, 1.6 N	Same as above	7	<0.001	0.007
63963 MUD05-60	4.8 NE, 1.2 N	Same as above	8	<0.001	0.007
63964 MUD05-61	4.7 NE, 0.9 N	Sheared, quartz veining; NW edge of quartz-rich zone	1311	0.038	1.311
63965 MUD05-62	4.2 NE, 0.7 N	Same as above, more quartz banding, with traces of Py	2345	0.068	2.345
63966 MUD05-63	4.6 NE, 0.4 N	Same as above	5033	0.147	5.033
63967 MUD05-63	Check assay		4606	0.134	4.606
63968 MUD05-64	4.6 NE, 0.1 N	Strong sheared; cherty quartz veining; Py in traces to 1%	6413	0.187	6.413

SAMPLE (FIELD NO	DOCATION	DESCRIPTION	PPB	oz/t	PPM
63969 MUD05-65	4.7 NE, 0.3 S	Same as above	3530	0.103	3.53
63970 MUD05-66	4.6 NE, 0.7 S	Same as above	6572	0.192	6.572
63971 MUD05-67	4.0 NE, 1.0 S	Moderately sheared and quartz veined	1765	0.051	1.765
63972 MUD05-68	3.4 NE, 0.9 S	Same as above	1587	0.046	1.587
63973 MUD05-69	3.2 NE, 1.2 S	Carbonatized, quartz banded; barren	10	<0.001	0.01
63974 MUD05-70	3.2 NE, 1.7 S	Same as above; progressively less sheared	6	<0.001	0.006
63975 MUD05-71	3.4 NE, 2.0 S	Same as above	21	<0.001	0.021
63976 MUD05-72	3.8 NE, 2.4 S	Same as above	11	<0.0001	0.011
63977 MUD05-73	21.5 NE, 0.5 N	Strong sheared siliceous-sericitic; quartz veined, with 1-3% Py	6251	0.182	6.251
63978 MUD05-73	Check assay		5583	0.163	5.583
63979 MUD05-74	1.8 NE, 0.5 N	Same as sample # 73	4752	0.139	4.752
OLIVER SEVERN S	HOWING, 450617 E, 5512600 N (Station 0 or	n control line) UTM NAD 83			
63980 MUD05-75	45.5 E 1.0 N	20 cm-thick quartz+carbonate vein with patchy 1-2% Py.	22	<0.001	0.222
63981 MUD05-76	34.5 E 0.5 N	Same as above, 0.5 m thick	58	0.002	0.058
63982 MUD05-77	22.8 E 3.0 N	Quartz veining, amphibolite-granite contact; trace-1% Py.	76	0.002	0.076
63983 MUD05-78	20.2 E 3.5 N	Sheared siliceous granodiorite; mm-thick 10% Py banding.	3102	0.09	3.102
63984 MUD05-79	23.0 E 0.75 S	Tip of quartz vein; patchy 1-3% Py.	533	0.016	0.533
63985 MUD05-80	7.5 W 1.5 S	Rusty quartz.	62	0.002	0.062
63986 MUD05-81	4.0 W 0.0	Same as above	50610	1.476	50.61
63987 MUD05-82	5.0 W 1.0 N	Same as above	929	0.027	0.929
63988 MUD05-83	9.0 W 6.0 N	Quartz vein with cm-size patches of Py.	8350	0.244	8.35
63989 MUD05-83	Check assay		8069	0.235	8.069
63990 MUD05-84	8.0 W 7.0 N	Sheared granodiorite, with quartz and 2-5% Py.	7693	0.224	7.693
63991 MUD05-85	5.5 W 7.5 N	Same as above, on strike eastward.	112	0.003	0.112
30 M SOUTHWEST	OF OLIVER SEVERN, 450582 E 5512593 N				
15333		Mostly quartz with chlorite and traces of Py	1386	0.04	1.386
15334	Same site	Mostly sheared chloritic, rusty intrusive+minor qtz and tr. Py	24	<0.001	0.024
15335	Same site	More quartz, traces Py	9	<0.001	0.009
15336	Same site	Rusty sheared, siliceous, with quartz and traces Py	<5	<0.001	<0.005

15 M SOUTHWEST OF OLIVER SEVERN, 450588 E 5512598 N

SAMPLE (FIELD	D NO) LOCATION	DESCRIPTION	PPB	oz/t	PPM
15337		Highly altered+ sheared altered intrusive	323	0.009	0.323
15338	Same site	1 m NNW of 337; mostly quartz, with rare traces of Py.	35	0.001	0.035
15339	same site	1.25 m NNW of 338; sheared mafic+some qtz and tr. Py	4273	0.125	4.273
SOUTHWEST C	OF OLIVER SEVERN				
15340	450437 E, 5512495 N	Sub-angular float, 30-40 cm qtz-chl-carb, with traces Py	71	0.002	0.071
15340	Check assay		62	0.002	0.062
CLARK SHOW	NG, 448525 E, 5511462 N (Station 20	<b>W</b> on control line)			
63992 MUD05	5-86 6 m E, 1 m N	Weakly sheared, brecciated, highly siliceous; trace Py.	29	<0.001	0.29
63993 MUD05	5-87 3 m E, 0.0	Quartz flooded, hematitic; fold nose; trace Py.	78	0.002	0.078
63994 MUD05	5-88 6 W, 5 N	Quartz flooded; trace Py.	171	0.005	0.171
63995 MUD05	5-89 7.5 W, 0.75 N	Quartz veining; trace to 1% Py, patchy disseminations	128	0.004	0.128
63996 MUD05	5-90 9 W, 3.5 N	Same as 65.	1815	0.053	1.815
63997 MUD05	5-91 10 W, 3.25 N	Quartz breccia; 15% angular granitic fragments; trace Py	339	0.01	0.339
63998 MUD05	5-92 9.5 W, 1 N	Quartz flooded fold nose; trace Py.	58	0.002	0.058
63999 MUD05	5-93 12 W, 0.5 N	Very siliceous and rusty; trace Py.	920	0.027	0.92
64000 MUD05	5-93 Check assay		934	0.027	0.934
64001 MUD05	5-94 12 W, 4.5 N	Strongly sheared, rusty; mm-thick bands of 25-30% Py.	6764	0.197	6.764
64002 MUD05	5-95 20 W, 2.5 N	Same as above, along south wall of diabase dyke.	1686	0.049	1.686
64003 MUD05	5-96 27 W, 1.5 N	Same as above; brecciated texture; with patchy 1-5% Py.	4861	0.142	4.861
64004 MUD05	5-97 36 W, 0	Same as above; strong rust.	8058	0.235	8.058
64005 MUD05	5-98 33 W, 10 S	Moderately sheared, with quartz veining; trace Py.	31	<0.001	0.031
64006 MUD05	5-99 23.5 W, 12.5 S	Quartz flooded fold zone; massive quartz; trace-1% Py	237	0.007	0.237
64007 MUD05	5-100 23 W, 13 S	Weakly siliceous wall rock of quartz zone in preceding sample	46	0.001	0.046
64008 MUD05	5-101 27 W, 13 S	Siliceous quartz porphyritic intrusive; 1% fine Py.	222	0.006	0.222
64009 MUD05	5-102 33 W, 14 S	Chloritic-sericitic; blue quartz grains; trace to 1% Py.	24	<0.001	0.024
64010 MUD05	5-103 36.5 W, 14 S	Brecciated quartz veining; traces to 1% Py.	3663	0.107	3.663
64011 MUD05	5-103 Check assay		3520	0.103	3.52
64012 MUD05	5-104 39 W, 15 S	Quartz breccia; 90% Qtz, chloritic matrix; 1-3% Py, Cp.	4598	0.134	4.598
64013 MUD05	5-105 42W, 3.5 S	Same as above; patchy 1-3% Py.	2571	0.075	2.571
64014 MUD05	5-106 45 W, 19.5 S	Quartz veining south boundary of shear; trace to 1% Py.	1570	0.046	1.57
64015 MUD05	5-107 47.5 W, 17.5 S	Sericitic, chloritic and siliceous; with qtz veinlets; trace Py	4889	0.143	4.889
64016 MUD05	5-108 53 W, 18 S	Sheared quartz veining; mm-thick bands of fine 20-25% Py.	7472	0.218	7.472

Add   MUD05-109   SW   22 SS   Quartz vein; wace to 1% Py.   183   0.002   0.083   0.018   0		LD NO) LOCATION	DESCRIPTION	PPB	oz/t	РРМ
SULTHWEST OF CLARK EXTENSION SHOWING, 448480 E 5511387 N (Control line at station 0)   Same as above, quartz-bearing shear, with 1-5% disseminated Py	64017 MUD	05-109 6 W, 22.5S	Quartz flooded zone; minor quartz veining; trace Py.	83	0.002	0.083
15259   6.5 W, 0.25 S   Rusty, quartz-bearing shear, with 1-5% disseminated Py.   7938   0.232   7.938   15260   10.5 W, 0.5 N   Same as above; fine cherty quartz blow out.   919   0.027   0.919   15280   Check assay   20   0.001   0.027   0.028   0.972   0.028   0.972   0.028   0.972   0.028   0.072   0.028   0.072   0.028   0.072   0.028   0.072   0.028   0.072   0.028   0.027   0.028   0.027   0.028   0.027   0.028   0.027   0.028   0.02	64018 MUDO	05-110 2.5 E, 32 S	Quartz vein; trace to 1% Py.	1675	0.049	1.675
15260   10.5 W, 0.5 N   Same as above; fine cherty quartz blow out.   919   0.027   0.918     15260   Check assay   972   0.028   0.972     15261   11.7 W, 0.2 N   Same as above, quartz-rich; trace Py.   20   0.001   0.02     15262   12.2 W, 0.8 N   Quartz diorite; well sheared; quartz rich; trace Py   17   0.001   0.017     15263   16.6 W, 0   Same as above   40   0.001   0.04     15264   9.75 W, 0.3 S   Quartz brecia (previously channel sampled); with 2-10% Py   6421   0.187   6.421     15368   448447 E 5511338 N   Strongly sheared, chloritic-siliceous+ quartz veining+1% Py   35     15369   Same location   Quartz-chlorite   0.55     15370   Same location   North edge of outcrop; siliceous diorite; rusty + few quartz veins   5     15371   Same location   Stockwork-type quartz veining in quartz dioritic intrusive; rusty   5     15372   448429 E 5511309 N   Sheared granodiorite; weak rusty patches; weak rusty equart   5     15373   448357 E 5511206 N   Weak to moderate sheared; azimuth 035-040; rusty + quart   5     15271   1.5 S, 2.5 W   Sheared, quartz with weak chlorite; traces of Py   27   0.001   0.027     15273   16.0 S, 0.2 W   White quartz, barren   15   0.002   0.157     15275   18.0 S, 0.6 E   Rusty quartz; traces to 1% Py; rare traces of Cp.   2119   0.062   2.119     15276   2.0 S, 3.0 W   Barren quartz, traces to 1% Py; rare traces of Py   4143   0.121   4.143     15276   2.0 S, 3.0 W   Barren quartz, traces to 1% Py; rare traces of Py   4143   0.121   4.143     15276   2.1 S, 1.0 E   White quartz; traces to 1% Py; rare traces of Py   19814   0.578   19814     15276   2.1 S, 1.0 E   White quartz; traces to 10 filling prince; rusty; with traces of Py   19814   0.578   19814     15280   23.0 S, 0.7 W   Sheared quartz; rhichtic, rusty; with traces of Py   19814   0.578   19814     15280   23.0 S, 0.7 W   Sheared quartz; rhichtic, rusty; with traces of Py   19814   15280   23.0 S, 0.7 W   Sheared quartz; rhichtic, rusty; with traces of Py   19814   0.578   19814     15280   23.0 S, 0.7 W   Sheared qua	CLARK EXTE	NSION SHOWING, 448480 E 5511387 N	I (Control line at station 0)			
15260   Check assay   Same as above, quartz-rich; trace Py.   20	15259	6.5 W, 0.25 S	Rusty, quartz-bearing shear, with 1-5% disseminated Py.	7938	0.232	7.938
15261         11.7 W, 0.2 N         Same as above, quartz-rich; trace Py.         20         <0.001	15260	10.5 W, 0.5 N	Same as above; fine cherty quartz blow out.	919	0.027	0.919
15262 12.2 W, 0.8 N Quartz diorite; well sheared, quartz rich; trace Py 17 <0.001 0.017 15263 16.6 W, 0 Same as above 40 0.001 0.04 15264 9.75 W, 0.3 S Quartz breccia (previously channel sampled); with 2-10% Py 6421 0.187 6.421 0.187	15260	Check assay		972	0.028	0.972
15263 16.6 W, 0 Same as above Quartz breccia (previously channel sampled); with 2-10% Py 6421 0.001 0.04 15264 9.75 W, 0.3 S Quartz breccia (previously channel sampled); with 2-10% Py 6421 0.187 6.421 0.187 6.421 0.0187 6.421	15261	11.7 W, 0.2 N	Same as above, quartz-rich; trace Py.	20	<0.001	0.02
SOUTHWEST OF CLARK EXTENSION SHOWING   Strongly sheared, chloritic-siliceous+ quartz veining+1% Py   35   15368   448447 E 5511338 N   Strongly sheared, chloritic-siliceous+ quartz veining+1% Py   35   15370   Same location   Quartz-chlorite   Clark Strongly sheared   Country   Stockwork-type quartz veining   10   10   10   10   10   10   10   1	15262	12.2 W, 0.8 N	Quartz diorite; well sheared; quartz rich; trace Py	17	<0.001	0.017
15368	15263	16.6 <b>W</b> , 0	Same as above	40	0.001	0.04
15368	15264	9.75 W, 0.3 S	Quartz breccia (previously channel sampled); with 2-10% Py	6421	0.187	6.421
15369         Same location         Quartz+chlorite         <5	SOUTHWEST	OF CLARK EXTENSION SHOWING				
15370         Same location         North edge of outcrop; siliceous diorite; rusty + few quartz veins         <5           15371         Same location         Stockwork-type quartz veining in quartz dioritic intrusive; rusty         <5	15368	448447 E 5511338 N	Strongly sheared, chloritic-siliceous+ quartz veining+1% Py	35		
15371         Same location         Stockwork-type quartz veining in quartz dioritic intrusive; rusty         <5	15369	Same location	Quartz+chlorite	<5		
15371 Check assay	15370	Same location	North edge of outcrop; siliceous diorite; rusty + few quartz veins	<5		
15372       448429 E 5511309 N       Sheared granodiorite; weak rusty patches; weak qtz veining+folding       20         15373       448357 E 5511206 N       Weak to moderate sheared; azimuth 035-040; rusty + quart       <5	15371	Same location	Stockwork-type quartz veining in quartz dioritic intrusive; rusty	<5		
15373       448357 E 5511206 N       Weak to moderate sheared; azimuth 035-040; rusty + quart          SHOWING NO. 6, 449282 E, 5511707 N (Control line at station 0)         15271       1.5 S, 2.5 W       Sheared, quartz with weak chlorite; traces of Py       5708       0.167       5.708         15272       0.7 S, 2.5 W       Same as 71; rare traces of Py       27       <0.001	15371	Check assay		<5		
SHOWING NO. 6, 449282 E, 5511707 N (Control line at station 0)         15271       1.5 S, 2.5 W       Sheared, quartz with weak chlorite; traces of Py       5708       0.167       5.708         15272       0.7 S, 2.5 W       Same as 71; rare traces of Py       27       <0.001	15372	448429 E 5511309 N	Sheared granodiorite; weak rusty patches; weak qtz veining+folding	20		
15271       1.5 S, 2.5 W       Sheared, quartz with weak chlorite; traces of Py       5708       0.167       5.708         15272       0.7 S, 2.5 W       Same as 71; rare traces of Py       27       <0.001	15373	448357 E 5511206 N	Weak to moderate sheared; azimuth 035-040; rusty + quart	<5		
15272       0.7 S, 2.5 W       Same as 71; rare traces of Py       27       <0.001	SHOWING NO	o. 6, 449282 E, 5511707 N (Control line	at station 0)			
15273       16.0 S, 0.2 W       White quartz; barren       15       <0.001	15271	1.5 S, 2.5 W	Sheared, quartz with weak chlorite; traces of Py	5708	0.167	5.708
15274       17.8 S, 1.0 W       Rusty quartz; traces to 1% Py.       1395       0.041       1.395         15275       18.0 S, 0.6 E       Rusty quartz; traces to 1% Py; rare traces of Cp.       2119       0.062       2.119         15276       20.5 S, 3.0 W       Barren quartz       25       <0.001	15272	0.7 S, 2.5 W	Same as 71; rare traces of Py	27	<0.001	0.027
15275       18.0 S, 0.6 E       Rusty quartz; traces to 1% Py; rare traces of Cp.       2119       0.062       2.119         15276       20.5 S, 3.0 W       Barren quartz       25       <0.001	15273	16.0 S, 0.2 W	White quartz; barren	15	<0.001	0.015
15276       20.5 S, 3.0 W       Barren quartz       25       <0.001	15274	17.8 S, 1.0 W	Rusty quartz; traces to 1% Py.	1395	0.041	1.395
15277       20.1 S, 1.0 W       Rusty quartz, patchy traces Py       4143       0.121       4.143         15278       21.0 S, 1.0 E       White quartz; minor rusty stain; barren       288       0.008       0.288         15279       21.5 S, 4.7 E       Chloritic, sheared dioritic intrusive; rusty; with traces of Py.       19814       0.578       19.814         15280       23.0 S, 0.7 W       Sheared quartz+chlorite, rusty       273       0.008       0.273	15275	18.0 S, 0.6 E	Rusty quartz; traces to 1% Py; rare traces of Cp.	2119	0.062	2.119
15278       21.0 S, 1.0 E       White quartz; minor rusty stain; barren       288       0.008       0.288         15279       21.5 S, 4.7 E       Chloritic, sheared dioritic intrusive; rusty; with traces of Py.       19814       0.578       19.814         15280       23.0 S, 0.7 W       Sheared quartz+chlorite, rusty       273       0.008       0.273	15276	20.5 S, 3.0 W	Barren quartz	25	<0.001	0.025
15279       21.5 S, 4.7 E       Chloritic, sheared dioritic intrusive; rusty; with traces of Py.       19814       0.578       19.814         15280       23.0 S, 0.7 W       Sheared quartz+chlorite, rusty       273       0.008       0.273	15277	20.1 S, 1.0 W	Rusty quartz, patchy traces Py	4143	0.121	4.143
15280 23.0 S, 0.7 W Sheared quartz+chlorite, rusty 273 0.008 0.273	15278	21.0 S, 1.0 E	White quartz; minor rusty stain; barren	288	0.008	0.288
·	15279	21.5 S, 4.7 E	Chloritic, sheared dioritic intrusive; rusty; with traces of Py.	19814	0.578	19.814
15280 Check assay 257 0.007 0.257	15280	23.0 S, 0.7 W	Sheared quartz+chlorite, rusty	273	0.008	0.273
	15280	Check assay		257	0.007	0.257

SAMPLE (FIEL	D NO) LOCATION	DESCRIPTION	PPB	oz/t	PPM
15281	25.0 S, 0.0	Quartz, weak rust; barren	2401	0.07	2.401
15282	25.0 S, 0.9 E	Quartz+chlorite; rare traces of Py	574	0.017	0.574
15283	25.1 S, 1.5 E	Sheared quartz+chlorite; banded, rusty; Py, traces to 1% locally	6899	0.201	6.899
15284	25,5 S, 2.5 E	Sheared quartz, sericitic; banded; weak rust; traces of Py.	2399	0.07	2.399
15285	26.5 S, 3.5 E	Same as above; sparse mm-thick Py bands	15806	0.461	15.806
15286	27.0 S, 0.5 E	Quartz; weak rust; traces of Py.	6384	0.186	6.384
15287	28.5 S, 1.7 E	Sheared, quartz breccia; weak rust; old channel sample	284	0.008	0.284
15288	29.3 S, 1.5 W	Quartz with traces of Py	430	0.013	0.43
15289	29.0 S, 2.5 W	Sheared quartz+chlorite; traces of Py; old channel sample	18	<0.001	0.018
15290	29.0 S, 3.2 W	Chloritic, dioritic intrusive; weak rust; barren	50	0.001	0.05
15290	Check assay		51	0.001	0.051
15291	34.5 S, 3.0 W	Folded quartz+chlorite; weak rust; traces of Py.	53	0.002	0.053
15292	33.0 S, 0.3 W	Quartz+minor chlorite	41	0.001	0.041
15293	30.7 S, 2.0 E	White quartz; barren	16	<0.001	0.016
15294	31.5 S, 3.7 E	Quartz+minor chlorite; barren	38	0.001	0.038
15295	35.8 S, 3.2 E	Quartz; barren	13	<0.001	0.013
15296	36.4 S, 1.5 E	Composite sample 1.0-2.0 E; sheared, dioritic; local rust	9	<0.001	0.009
15297	35.5 S, 2.5 W	Sheared quartz+chlorite; local traces of Py; old channel	12	<0.001	0.012
STRIPPED ZOI	NE NO. 7, 449472 E, 5511925 N (Co	ontrol line at station 0)			
15301	13.5 N, 0.5 W	Quartz veined; Py in traces to 1%	47	0.001	0.047
15302	16.0 N, 0.8 W	Strong sheared; siliceous-sericitic rusty; barren	<5	<0.001	<0.005
15303	16.4 N, 0.5 E	Strong sheared; limonite altered; minor quartz veins; traces Py.	22	<0.001	0.022
15304	16.9 N, 1.2 E	Same as 303, but no quartz veining	9	<0.001	0.009
15305	16.2 N, 1.5 E	Weakly sheared, but quartz flooded, with veinlets; rare traces Py	6	<0.001	0.006
15306	20.5 N, 0.5 W	Quartz with fractures filled with 50% powdery Py+ traces Mag.	20	<0.001	0.02
15307	21.5 N, 3.7 W	Same as above, with patches of semi-massive Py+ traces Mag.	12	<0.001	0.012
15308	21.2 N, 0.9 E	Weakly sheared, quartz flooded; 2-5% v.f.g. Mag.+ traces Py.	10	<0.001	0.01
15309	21.0 N, 1.2 E	Same as 308; 1-2% v.f.g. Mag. and traces of Py	110	0.003	0.11
15310	21.3 N, 1.6 E	Sheared, rusty limonite; 1-3% magnetite	5	<0.001	0.005
15310	Check assay		6	<0.001	0.006
15311	22.0 N, 2.0 E	Same as 310	7	<0.001	0.007
15312	23.5 N, 0.3 E	Sheared quartz; limonitic alteration; trace Py+1% magnetite	33	<0.001	0.033

SAMPLE (FIE	LD NO) LOCATION	DESCRIPTION	PPB	oz/t	PPM
15322		Shear 2-3 m wide; rusty; strongly sheared granodiorite; with Py in traces to 1%	19	<0.001	0.019
15323	50 cm from 15322	Rusty shear with minor quartz veining and traces to 1% Py.	229	0.007	0.229
15324	Same site as 323	Mostly quartz with rare traces of Py.	246	0.007	0.246
15325	1.5 m from 323-324	Rusty quartz with chlorite, with rare traces of Py	137	0.004	0.137
15326	Same site as 325	Strongly sheared sericitic, intercalated with qtz and Py in traces to 1%	50	0.004	0.05
15327	2.25 m from 326	Quartz+silicified-sericitic wall rock; Py dissem. and semi-massive in fractures	362	0.011	0.362
15328	Same site as 327	Mostly silicified-sericitic rusty wall rock with minor qtz veining+Py.	426	0.012	0.426
15400		osure 50 cm-thick qtz vein; patchy rust+trace Py	7	0.012	0.120
15397	449700 E 5512136 N, N of Wolf trail	1 m-thick qtz veining; folded+brecciated; weak shd.	<5		
15398	449685 E 5512098 N	>1 M thick qtz veining in a tension fracture in weakly sheared rocks	<5		
15399	Same vein as 15398	About 6 m on Az. 250 from 15398.	<5		
18001		1m-size qtz subcrop; rusty with local traces of Py	151		
STRIPPED ZO	ONE SOUTH OF THE CLARK SHOWING , 4486	47 E, 5511069 N			
15345	4.8 W, 0.5 S	Strongly sheared, sericitic, carbonatized siliceous intrusive; traces of Py	<5	<0.001	<0.005
15346	8.5 W, 0.25 N	Same, barren	12	<0.001	0.012
15347	8.5 W, 0.7 N	Strong siliceous or silicified intrusive; strong carb. alteration; rare tr. Py	<5	<0.001	<0.005
15348	11.0 W, 0	Same as above; same composition/ texture as pyritic boulder 15331	<5	<0.001	<0.005
15349	14.7 W, 1.8 N	Same as above, rusty	<5	<0.001	<0.005
15350	17.0 W, 0.5 N	Same+minor quartz veining	<5	<0.001	<0.005
15351	18.7 W, 1.0 S	Same+ Py in traces to 1%; best Py at this stripped zone	<5	<0.001	<0.005
15352	19.5 W, 0.5 N	Same as 15345-15350	6	<0.001	0.006
15353	20.5 W, 1.5 S	More massive, strongly silicified/siliceous intrusive	<5	<0.001	<0.005
15354	21.2 W, 0.6 N	Same as 15345-15350	<5	<0.001	<0.005
15355	21.5 W, 0.9 N	Same as above	<5	<0.001	<0.005
15356	22.0 W, 2.1 N	NW outcrop edge; possible dioritic intrusive. chloritic; + rusty carbonate	<5	<0.001	<0.005
15357	~ 25 W ~ 1.0 S	Sheared felsic intrusive; rusty; with minor quartz veining	9	<0.001	0.009
SOUTH TREN	CH AREA				
15265	447962 E 5510700 N	~ 100 m NE of 15267; fractures filled with barren quartz	3280	0.096	3.28
15266	448870 E 5510715 N	~ 15 m N of 21567; 20-40 cm brecciated qtz veins; 1-10% Py	6678	0.195	6.678
15267	447866 E 5510700 N	Main striped area; qtz vein, 5-7% Py + cm-thick 20-30% Py	1366	0.04	1.366
15268	447866 E 5510700 N	Same, 50 cm south along above; brecciated, with Py traces-1%	358	0.01	0.358

SAMPLE (FIE	LD NO) LOCATION	DESCRIPTION	PPB	oz/t	PPM
15269		5 m on azim. 120 degrees along fault, from samples 267-268; qtz vein +traces Py	4417	0.129	4.417
15374	447975 E 5510710 N	South shore of beaver pond; quartz stockwork; rusty patches	<5		
15375	Same as 15374	Same qtz stockwork; 2.5 m on azimuth 120 from 15374.	<5		
15380	447810 E 5510425 N	Angular float 70x50x50 cm; 75% Qtz, 25% sheared mafic.	<5		
15381	Same	Opposite side of boulder	<5		
15382	447860 E 5510388 N	Moderately sheared granodiorite; rusty, sericitic	9		
18024	447835 E 5510720 N	Strongly shd., altered (carb-ser-chl); rusty quartz+Py dissem. +stringers	3554	0.104	3.554
18025	Same location	1 m on Azimuth 030 from sample 024; same as above, qtz veined+tr2% Py	3174	0.093	3.174
18026	Same location	1.25 m on Azim. 079 from sample 025; same strong shd-altered rock; barren	68	0.002	0.068
18027	Same location	1.25 m on Azimuth 340 from sample 025; same as 026	35	0.001	0.035
OTHER AREA	s				
15270	449070 E 5511613 N	Quartz boulder; ~ 25 cm; angular	18	<0.001	0.018
15298	449234 E 5511455 N	Sheared rusty granodiorite porphyry; rare traces Py; south of no. 6	29	<0.001	0.029
15299	449224 E 5511428 N	Same as above	10	<0.001	0.01
15300	449345 E 5511802 N	Sheared locally rusty diorite; siliceous banding+ trace-1% Py	65	0.002	0.065
15300	Check assay		53	0.002	0.053
15321	449594 E 5512052 N	North of Wolf trail; sheared granodiorite; rusty limonite altered	8	<0.001	0.008
15329	450007 E 5512256 N	Fold zone in weak to moderately sheared rock; local qtz+tr. Py	19	<0.001	0.019
15330	449920 E 5512165 N	North side of Wolf trail; local shearing+qtz veining; tr. Py	7	<0.001	0.007
15330	Check assay		7	<0.001	0.007
15331	450055 E 5512203 N	South side of Wolf trail; angular float; siliceous; 5-7% fine diss. Py	<5	<0.001	<0.005
15341	449833 E 5512090 N	South side of Wolf trail; sheared, siliceous flooding; tr. Py	58	0.002	0.058
15342	449841 E 5512095 N	Along same outcrop as 341; similar to 15341, locally chloritic	10	<0.001	0.01
15358	448610 E 5511052 N	SW of trench south of Clark; moderate sheared, ser-sil; rusty; barren	<5	<0.001	<0.005
15359	448727 E 5511137 N	NE of above; locally derived angular float; sheared diorite with tr. Py	<5	<0.001	<0.005
15360	448755 E 5511186 N	Same as above, moderate sheared+cm-thick anastamozing qtz veins	6	<0.001	0.006
15361	448800 E 5511205 N	Simlar to 15360; chloritic; minor rust+rare traces of Py	<5	<0.001	<0.005
15362	448890 E 5511273 N	Sil-ser-chl + qtz veins, with rare traces of Py	25		
18002	449477 E 5512337 N	Along Main Road; 1.0-1.5 m wide qtz veining	<5		
South side of V	Nolf trail, 449536 E, 5511972 N				
15319		> 2 m-wide sheared mafic intrusive (dioritic), with 2-5% disseminated crystalline Py	640	0.019	0.64
15320		Sheared diorite 4-5 m SW of 15319; quartz flooded; limonite-hematite; traces of Py	8	<0.001	0.008

SAMPLE (FIEL	.D NO) LOCATION	DESCRIPTION	PPB	oz/t	PPM
15320	Check assay		10	<0.001	0.01
East of Clark tr	rench				
15343	448642 E 5511495 N	Stripped area and trench; moderate shearing and alteration	99	0.003	0.099
15344	448656 E 5511503 N	Same as 15343; moderately sheared; rare traces Py	37	0.001	0.037
15383	448717 E 5511475 N	Dm-wide moderate to strong shd.; minor qtz and rusty patches	<5		
15384	448806 E 5511616 N	Local moderate shearing at azim. 090-100	<5		
15385	448845 E 5511600 N	Qtz stockwork veining in weak sheared rock	495		
15386	448851 E 5511596 N	Moderate shd+cm-thick qtz veining; weak rust and traces of Py.	19		
15387	6 m Az 110 from 386	Metre-thick qtz flooded shear-brecciated-folded zone; traces of Py	<5		
15388	449013 E 5511605 N	30 cm-thick quartz blow out in weakly sheared rock	<5		
North of Clark	trench				
15376	448721 E 5511823 N	Qtz diorite; 1-20% Py +tr. Cp, As; possibly associated with the diabase	85		
15377	448688 E 5511858 N	Strong sheared intermediate intrus.; rusty quartz veins; rare traces Py	<5		
15378	As above, 4-5 m on azim. 090 from 15377	Quartz with rusty patches+traces of Py	<5		
15379	448628 E 5511900 N	Angular flagstone; sheared mafic intrusive; rusty, with rare traces of Py.	<5		
Southwest prop	perty area				
15363	447635 E 5509600 N	Shear, rusty, iron carbonate + ser, chl; with qtz and 1-2% Py	160		
15364	Same location as 363	Rusty sheared, chloritic and siliceous diorite; with 3-10% dissem. Mag.	<5		
15365	50 cm SE of 363	Same as above	<5		
15366	30 cm NW of 364	Same as above	<5		
15367	1.0 m E of 363	Siliceous intrusive; strong rusty alteration; with magnetite	<5		
15394	447413 E 5510150 N	Weak- moder. shd; rusty+few qtz veins; trace Py and 1-2% specularite	<5		
15395	447453 E 5510100 N	60 cm sub-angular float; carbonate+chlorite rich; flooded with qtz.	<5		
15396	447475 E 5510126 N	> 60 cm angular float; strongly fractured; qtz flooded; trace Py	<5		
North of Oliver	Severn				
18003	450553 E 5512640 N	NE limit of subcrop area; strongly shd- carbonatized; chl +tr. Py	25		
18004	6 m on Az.220 from 18003	Same altered-sheared rock, with few qtz veinlets with 1-5% Py	9		
18005	4 m on Az 220 from 18004	Same altered sheared rock; with traces of Py	26		

SAMPLE (FIEL	_D NO) LOCATION	DESCRIPTION	PPB	oz/t	PPM
18006	450540 E 5512620 N	SW limit of subcrop of strongly sheared-altered rock.	<5		
18007	4 m on Az 040 from 006	Same altered sheared rock; with traces of Py.	<5		
18008	450527 E 5512632 N	> 1m size angular sheared granodiorite float with qtz veining.	6		
North of Wolf to	rail, 449795 E 5512143 N				
18019	449795 E 5512143 N	SW exposure; strongly shd.; sil-carb-chl; minor qtz veining+traces Py	<5		
18019	Check assay		<5		
18020	Same location	SW exposure; same rock, very little quartz	7		
18021	Same location	NE exposure, southernmost sample; same sheared-altered rock.	<5		
18022	Same location	NE exposure, middle sample; same sheared-altered rock	<5		
18023	Same location	NE exposure, northernmost sample; same sheared-altered rock	<5		
Southwest of D	Perek's shear, 449008 E, 5511367 N				
15316		Mostly quartz+chlorite vein; traces of Cp, Py	9	<0.001	0.009
15317		Sheared quartz diorite,minor quartz veining; traces of Cp-Py	29	<0.001	0.029
15318		Same 15317, Cp traces to 1%, as mm-thick bands; malachite fracture coatings	20	<0.001	0.02
Northeast of No	o. 6				
18028	449370 E 5511820 N	Rusty quartz veining in weakly shd. siliceous granodiorite	6		
18029	~10 m on Az. 100 from 18028	Angular float; rusty weathered; traces of Py	<5		
18030	449505 E 5511910 N	Moder. shd-sil. rusty zone; tr. of Py	<5		
18031	449502 E 5511891 N	Moder. shd-sil-chl. rusty qtz diorite; rare traces of Py	<5		
Southwest of S	howing No. 6				
15332	449234 E 5511609 N	Rusty strong shear	11	<0.001	0.011
15389	449207 E 5511650 N	Strong sheared dark smokey grey siliceous; porphyry; +rusty patches	<5		
15390	449162 E 5511642 N	Metre-thick brecciated qtz veining in weak shear; stibnite(?) in vein walls	490		
15391	5 m Az. 280 from 390	Same brecciated quartz vein; barren.	200		
15391	Check assay		34		
15392	449191 E 5511573 N	Moderate shear with cm-thick qtz veining; 25 m NW of Derek's shear	<5		
15393	15 m Az. 035 from 392	Same shear	<5		
18032	449240 E 5511598 N	1 m-wide strong rusty altered (carb-ser-chl) shear zone; rare tr. of Py	<5		

SAMPLE (FIELD NO) LOCATION		DESCRIPTION	PPB	oz/t	PPM		
18033	449231 E 5511590 N	Strongly sheared and altered, as above	<5				
18034	449225 E 5511588 N	Strongly sheared and altered, as above	<5				
18035	449206 E 5511582 N	Moderately sheared and altered, as above; with cm-thick qtz veining.	<5				
18036	Same location, 1.25 m downslope	Subcrop, siliceous, rusty sheared-altered zone	<5				
Derek's shear,	Derek's shear, 449197 E, 5511564 N						
15313	Shear >2.0 m	Sheared, rusty	11	<0.001	0.011		
15314	0.5 m south of 15313	0.5 m S of 15313; highly altered and schistose; rusty	<5	<0.001	<0.005		
15315	1.0 m to the NE	1.0 m along shear; quartz flooded schist, trace Py-Mag	32	<0.001	0.032		
West of Clark trench							
18038	448425 E 5511370 N	Moder. sheared; siliceous intermediate intrusive; traces of Py	7				
Southeast of Clark trench							
18037	448807 E 5511352 N	Angular float; locally shd., chloriric and rusty, with abundant qtz veining	<5				

# APPENDIX II CERTIFICATES OF ANALYSIS







1070 LITHIUM DRIVE, UNIT 2

THUNDER BAY,

**ONTARIO P7B 6G3** 

PHONE (807) 626-1630 FAX (807) 623 6820

EMAIL accuracy@tbaytel.net

WEB www.accurassay.com

# **Certificate of Analysis**

Tuesday, June 07, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd.

Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 31-May-05 Date Completed: 06-Jun-05

Job # 200540750

Reference:

Sample #: 13

Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
62448	Mud 05-01	30067	0.877	30.067
62449	Mud 05-02	22680	0.662	22.680
62450	Mud 05-03	102	0.003	0.102
62451	Mud 05-04	19983	0.583	19.983
62452	Mud 05-05	330	0.010	0.330
62453	Mud 05-06	35	0.001	0.035
62454	Mud 05-07	274	0.008	0.274
62455	Mud 05-08	239	0.007	0.239
62456	Mud 05-09	113	0.003	0.113
62457	Mud 05-10	913	0.027	0.913
62458 Check	k Mud 05-10	1214	0.035	1.214
62459	Mud 05-11	192	0.006	0.192
62460	Mud 05-12	298	0.009	0.298
62461	Mud 05-13	66	0.002	0.066

PROCEDURE CODES:

The results included on this report relate only to the items tested

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THUNDER BAY.

**ONTARIO P7B 6G3** 

EMAIL accuracy@tbaytel.net

WEB www.accurassay.com

# **Certificate of Analysis**

Monday, June 13, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd.

Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 06-Jun-05 Date Completed: 10-Jun-05

Job # 200540774

Reference:

Sample #: 97

Rock

Accurassay #	Client Id	Au	Au	Au
· ·		ppb	oz/t	g/t (ppm)
63913	Mud 05-14	<5	< 0.001	< 0.005
63914	Mud 05-15	<5	< 0.001	< 0.005
63915	Mud 05-16	10	< 0.001	0.010
63916	Mud 05-17	2994	0.087	2.994
63917	Mud 05-18	247	0.007	0.247
63918	Mud 05-19	4085	0.119	4.085
63919	Mud 05-20	<5	<0.001	< 0.005
63920	Mud 05-21	39	0.001	0.039
63921	Mud 05-22	711	0.021	0.711
63922	Mud 05-23	17	< 0.001	0.017
63923 Check	Mud 05-23	22	< 0.001	0.022
63924	Mud 05-24	<5	< 0.001	< 0.005
63925	Mud 05-25	<5	< 0.001	<0.005
63926	Mud 05-26	<5	< 0.001	< 0.005
63927	Mud 05-27	3195	0.093	3.195
63928	Mud 05-28	280	0.008	0.280
63929	Mud 05-29	17	< 0.001	0.017
63930	Mud 05-30	21	< 0.001	0.021
63931	Mud 05-31	2447	0.071	2.447
63932	Mud 05-32	589	0.017	0.589
63933	Mud 05-33	12	<0.001	0.012
63934 Check	Mud 05-33	9	< 0.001	0.009
63935	Mud 05-34	<5	< 0.001	< 0.005

PROCEDURE CODES: AL4AU3

Certified B Derek Demianiuk H.Bsc., Laboratory-Manager

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EMAIL accuracy@tbaytel.net WEB www

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Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd. Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received : 06-Jun-05 Date Completed : 10-Jun-05 Job # 200540774

Reference:

**Sample #**: 97

Rock

Accurassay #		Client Id	Au	Au	Au	
63936	;	Mud 05-35	<b>ppb</b> 46	oz/t 0.001	g/t (ppm) 0.046	
63937		Mud 05-36	<5	< 0.001	< 0.046	
63938		Mud 05-37	3609	0.105		
63939		Mud 05-38			3.609	
63940		Mud 05-39	4796	0.140	4.796	
63941		Mud 05-40	4024	0.117	4.024	
			64	0.002	0.064	
63942		Mud 05-41	155	0.005	0.155	
63943		Mud 05-42	11	< 0.001	0.011	
63944		Mud 05-43	7	< 0.001	0.007	
63945	Check	Mud 05-43	10	< 0.001	0.010	
63946		Mud 05-44	73	0.002	0.073	
63947		Mud 05-45	<5	< 0.001	< 0.005	
63948		Mud 05-46	<5	< 0.001	< 0.005	
63949		Mud 05-47	2602	0.076	2.602	
63950		Mud 05-48	5362	0.156	5.362	
63951		Mud 05-49	5496	0.160	5.496	
63952		Mud 05-50	2093	0.061	2.093	
63953		Mud 05-51	1678	0.049	1.678	
63954		Mud 05-52	11	<0.001	0.011	
63955		Mud 05-53	<5	<0.001	<0.005	
63956	Check	Mud 05-53	<5	<0.001	<0.005	
63957		Mud 05-54	<5	<0.001	<0.005	
63958		Mud 05-55	<5	<0.001	<0.005	

PROCEDURE CODES: AL4AU3

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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Monday, June 13, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd.

Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received : 06-Jun-05 Date Completed : 10-Jun-05

Job # 200540774

Reference:

Sample #: 97

Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
63959	Mud 05-56	<5	<0.001	<0.005
63960	Mud 05-57	7	<0.001	0.007
63961	Mud 05-58	<5	< 0.001	<0.005
63962	Mud 05-59	7	< 0.001	0.007
63963	Mud 05-60	8	< 0.001	0.008
63964	Mud 05-61	1311	0.038	1.311
63965	Mud 05-62	2345	0.068	2.345
63966	Mud 05-63	5033	0.147	5.033
63967 Check	Mud 05-63	4606	0.134	4.606
63968	Mud 05-64	6413	0.187	6.413
63969	Mud 05-65	3530	0.103	3.530
63970	Mud 05-66	6572	0.192	6.572
63971	Mud 05-67	1765	0.051	1.765
63972	Mud 05-68	1587	0.046	1.587
63973	Mud 05-69	10	<0.001	0.010
63974	Mud 05-70	6	<0.001	0.006
63975	Mud 05-71	21	<0.001	0.021
63976	Mud 05-72	11	< 0.001	0.011
63977	Mud 05-73	6251	0.182	6.251
63978 Check	Mud 05-73	5583	0.163	5.583
63979	Mud 05-74	4752	0.139	4.752
63980	Mud 05-75	22	< 0.001	0.022
63981	Mud 05-76	58	0.002	0.058

PROCEDURE COBES: AL4AU3

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Sudbury, ON, CA

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Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 06-Jun-05 Date Completed: 10-Jun-05 Job # 200540774

Reference:

Sample #: 97

Rock

Accurassay #	Client Id	Au	Au oz/t	Au
63982	Mud 05-77	ppb <i>7</i> 6	0.002	g/t (ppm) 0.076
63983	Mud 05-78	3102	0.090	3.102
63984	Mud 05-79	533	0.016	0.533
63985	Mud 05-80	62	0.002	0.062
63986	Mud 05-81	50610	1.476	50.610
63987	Mud 05-82	929	0.027	0.929
63988	Mud 05-83	8350	0.244	8.350
63989	Check Mud 05-83	8069	0.235	8.069
63990	Mud 05-84	7693	0.224	7.693
63991	Mud 05-85	112	0.003	0.112
63992	Mud 05-86	29	< 0.001	0.029
63993	Mud 05-87	78	0.002	0.078
63994	Mud 05-88	171	0.005	0.171
63995	Mud 05-89	128	0.004	0.128
63996	Mud 05-90	1815	0.053	1.815
63997	Mud 05-91	339	0.010	0.339
63998	Mud 05-92	58	0.002	0.058
63999	Mud 05-93	920	0.027	0.920
64000	Check Mud 05-93	934	0.027	0.934
64001	Mud 05-94	6764	0.197	6.764
64002	Mud 05-95	1686	0.049	1.686
64003	Mud 05-96	4861	0.142	4.861
64004	Mud 05-97	8058	0.235	8.058

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**ONTARIO P7B 6G3** 

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WEB www.accurassay.com

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Monday, June 13, 2005

Alto Ventures Ltd.

#3 - 1349 Kelly Lake Rd.

Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 06-Jun-05 Date Completed: 10-Jun-05

Job # 200540774

Reference:

Sample #: 97

Rock

Accurassay #	Client Id	Au	Au	Au
•		ppb	oz/t	g/t (ppm)
64005	Mud 05-98	31	< 0.001	0.031
64006	Mud 05-99	237	0.007	0.237
64007	Mud 05-100	46	0.001	0.046
64008	Mud 05-101	222	0.006	0.222
64009	Mud 05-102	24	< 0.001	0.024
64010	Mud 05-103	3663	0.107	3.663
64011 Chec	k Mud 05-103	3520	0.103	3.520
64012	Mud 05-104	4598	0.134	4.598
64013	Mud 05-105	2571	0.075	2.571
64014	Mud 05-106	1570	0.046	1.570
64015	Mud 05-107	4889	0.143	4.889
64016	Mud 05-108	7472	0.218	7.472
64017	Mud 05-109	83	0.002	0.083
64018	Mud 05-110	1675	0.049	1.675

PROCEDURE CODES: AL4AU3

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Wednesday, July 06, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd.

Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received : 28-Jun-05 Date Completed : 06-Jul-05

Job # 200540967

Reference:

Sample #: 19

Rock

Accurassay #	Client I	┪	Au Au ppb oz		
72891	15343		99 0.0		
72892	15344	3	37 0.0	0.037	
72893	15345	<	<5 <0.0	001 <0.005	
72894	15346	1	12 <0.0	0.012	
72895	15347	<	<5 <0.0	<0.005	
72896	15348	<	<5 <0.0	<0.005	
72897	15349	<	<5 <0.0	<0.005	
72898	15350	<	<5 <0.0	<0.005	
72899	15351	<	<5 <0.0	<0.005	
72900	15352	<	<5 <0.0	<0.005	
72901	Check 15352	•	6 <0.0	0.006	
72902	15353	<	<5 <0.0	<0.005	
72903	15354	<	<5 <0.0	01 <0.005	
72904	15355	<	<5 <0.0	01 <0.005	
72905	15356	<	< < < < < < < < < < < < < < < < < < < <	01 <0.005	
72906	15357	9	9 <0.0	0.009	
72907	15358	<	< < 0.0	01 <0.005	
72908	15359	<	< < 0.0	01 <0.005	
72909	15360	6	5 <0.0	0.006	
72910	15361	<	< 0.0	01 <0.005	

PROCEDURE CODES: AL4Au3

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Derek Demianius H.Bsc., Laboratory Manager

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Mush

6 GORHAM STREET THUNDER BAY, ONTARIO P7B 5X5 PHONE: (807) 626-1630 FAX: (807) 622-7571 EMAIL: assay@accurassay.com WEB: www.accurassay.com

#### **Certificate of Analysis**

Thursday, July 07, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd.

Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received : 26-Jun-05 Date Completed : 07-Jul-05

Job # 200540971 Reference :

Sample #: 92

Rock

Accurassay #	C	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
72942	1:	5251	189	0.006	0.189
72943	1:	5252	19373	0.565	19.373
72944	15	5253	1591	0.046	1.591
72945	15	5254	271	0.008	0.271
72946	15	5255	6	<0.001	0.006
72947	15	5256	5298	0.155	5.298
72948	15	5257	41	0.001	0.041
72949	15	5258	<5	<0.001	<0.005
72950	15	5259	7938	0.232	7.938
72951	15	5260	919	0.027	0.919
72952	Check 15	5260	972	0.028	0.972
72953	15	5261	20	< 0.001	0.020
72954	15	5262	17	< 0.001	0.017
72955	15	5263	40	0.001	0.040
72956	15	5264	6421	0.187	6.421
72957	15	5265	3280	0.096	3.280
72958	15	5266	6678	0.195	6.678
72959	15	5267	1366	0.040	1.366
72960	15	5268	358	0.010	0.358
72961	15	5269	4417	0.129	4.417
72962	15	5270	18	< 0.001	0.018
72963	Check 15	5270	22	< 0.001	0.022
72964	15	5271	5708	0.167	5.708

PROCEDURE CODES: AL4Au3

Certified By

Derek Demianiuk H.Bsc., Laboratory Manager

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Thursday, July 07, 2005

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Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received : 26-Jun-05 Date Completed : 07-Jul-05 Job # 200540971

Reference:

Sample #: 92

Rock

		Au	Au	Au
Accurassay #	Client Id	ppb	oz/t	g/t (ppm)
72965	15272	27	< 0.001	0.027
72966	15273	15	< 0.001	0.015
72967	15274	1395	0.041	1.395
72968	15275	2119	0.062	2.119
72969	15276	25	< 0.001	0.025
72970	15277	4143	0.121	4.143
72971	15278	288	0.008	0.288
72972	15279	19814	0.578	19.814
72973	15280	273	0.008	0.273
72974 Check	15280	257	0.007	0.257
72975	15281	2401	0.070	2.401
72976	15282	574	0.017	0.574
72977	15283	6899	0.201	6.899
72978	15284	2399	0.070	2.399
72979	15285	15806	0.461	15.806
72980	15286	6384	0.186	6.384
72981	15287	284	0.008	0.284
72982	15288	430	0.013	0.430
72983	15289	18	< 0.001	0.018
72984	15290	50	0.001	0.050
72985 Check	15290	51	0.001	0.051
72986	15291	53	0.002	0.053
72987	15292	41	0.001	0.041

PROCEDURE CODES: AL4Au3

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Derek Demianiuk H.Bsc., Laboratory Manager

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Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 26-Jun-05 Date Completed: 07-Jul-05

Job # 200540971

Reference:

Sample #: 92

Rock

,	Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
	72988	15293	16	< 0.001	0.016
	72989	15294	38	0.001	0.038
	72990	15295	13	< 0.001	0.013
	72991	15296	9	< 0.001	0.009
	72992	15297	12	< 0.001	0.012
ı	72993	15298	29	< 0.001	0.029
	72994	15299	10	< 0.001	0.010
	72995	15300	65	0.002	0.065
	72996 Check	15300	53	0.002	0.053
	72997	15301	47	0.001	0.047
	72998	15302	<5	< 0.001	< 0.005
	72999	15303	22	< 0.001	0.022
	73000	15304	9	< 0.001	0.009
	73001	15305	6	< 0.001	0.006
	73002	15306	20	< 0.001	0.020
	73003	15307	12	< 0.001	0.012
	73004	15308	10	< 0.001	0.010
	73005	15309	110	0.003	0.110
	73006	15310	5	< 0.001	0.005
	73007 Check	15310	6	< 0.001	0.006
	73008	15311	7	< 0.001	0.007
	73009	15312	33	< 0.001	0.033
)	73010	15313	11	< 0.001	0.011

PROCEDURE COBES: AL4Au3

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Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 26-Jun-05 Date Completed: 07-Jul-05

Job # 200540971

Reference:

Sample #: 92

Rock

				,	1550
Accurassay #	Client Id	Au	Au	Au	
73011	15314	ppb	oz/t	g/t (ppm) <0.005	
		<5	<0.001		
73012	15315	32	<0.001	0.032	
73013	15316	9	<0.001	0.009	
73014	15317	29	< 0.001	0.029	
73015	15318	20	< 0.001	0.020	
73016	15319	640	0.019	0.640	
73017	15320	8	< 0.001	800.0	
73018 Check	15320	10	< 0.001	0.010	
73019	15321	8	< 0.001	0.008	
73020	15322	19	< 0.001	0.019	
73021	15323	229	0.007	0.229	
73022	15324	246	0.007	0.246	
73023	15325	137	0.004	0.137	
73024	15326	50	0.001	0.050	
73025	15327	362	0.011	0.362	
73026	15328	426	0.012	0.426	
73027	15329	19	< 0.001	0.019	
73028	15330	7	< 0.001	0.007	
73029 Check	15330	7	< 0.001	0.007	
73030	15331	<5	< 0.001	< 0.005	
73031	15332	11	< 0.001	0.011	
73032	15333	1386	0.040	1.386	
73033	15334	24	< 0.001	0.024	

PROCEDURE COBES: AL4Au3

the results included on this report relate only to the items tested

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approval of the laboratory

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## **Certificate of Analysis**

Thursday, July 07, 2005

Alto Ventures Ltd.

#3 - 1349 Kelly Lake Rd.

Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received : 26-Jun-05 Date Completed : 07-Jul-05

Job # 200540971

Sample #: 92

Reference:

Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)	
73034	15335	9	< 0.001	0.009	
73035	15336	<5	< 0.001	< 0.005	
73036	15337	323	0.009	0.323	
73037	15338	35	0.001	0.035	
73038	15339	4273	0.125	4.273	
73039	15340	71	0.002	0.071	
73040	Check 15340	62	0.002	0.062	
73041	15341	58	0.002	0.058	
73042	15342	. 10	< 0.001	0.010	

PROCEDURE CODES; AL4Au3

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested

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approval of the laboratory

AL903-0519-07/07/2005 07:01 PM

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## Certificate of Analysis

Wednesday, August 31, 2005

Alto Ventures Ltd.

#3 - 1349 Kelly Lake Rd. Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 02-Aug-05 Date Completed: 29-Aug-05

Job # 200541263

Reference:

Sample #: 88

Rock

		Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
86859	15362	25			
86860	15363	160			
86861	15364	<5			
86862	15365	<5			
86863	15366	<5			
86864	15367	<5			
86865	15368	35			
86866	15369	<5			
86867	15370	<5			
86868	15371	<5			
86869	Check 15371	<5			
86870	15372	20			
86871	15373	<5			
86872	15374	<5			
86873	15375	<5			
86874	15376	85	<15	<10	
86875	15377	<5			
86876	15378	<5			
86877	15379	<5			
86878	15380	<5			
86879	15381	<5			
86880	Check 15381	<5			

PROCEDURE CODES: AL4APP

Certified By Derek Demianluk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested

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Page 1 of 5



#### Certificate of Analysis

Wednesday, August 31, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd. Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received : 02-Aug-05

Date Completed : 29-Aug-05 Job # 200541263

Reference:

Sample #: 88

Rock

		Α	D	ם א	D.
. "	O" (1)	Au	Pt	Pd	Rh
Accurassay #	Client Id	ppb 9	ppb	ppb	ppb
86881	15382				
86882	15383	<5			
86883	15384	<5			
86884	15385	495			
86885	15386	19			
86886	15387	<5			
86887	15388	<5			
86888	15389	<5			
86889	15390	490			
86890	15391	101			
86891	Check 15391	83			
86892	15392	<5			
86893	15393	<5			
86894	15394	<5			
86895	15395	<5			
86896	15396	<5			
86897	15397	<5			
86898	15398	<5			
86899	15399	<5			
86900	15400	7			
86901	15459	751			
86902	Check 15459	797			

PROCEDURE GODES: AL4APP

Certified By:

Derek Demianluk H.Bsc., Laboratory Manager approval of the laboratory

The results included on this report relate only to the items tested

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Page 2 of 5



#### Certificate of Analysis

Wednesday, August 31, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd. Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 02-Aug-05 Date Completed: 29-Aug-05

Job # 200541263

Reference:

Sample #: 88

Rock

		Au	Pt	₽d	Rh
Accurassay #	Client Id	ppb	ppb	ppb	ppb
86947	18020	7			
86948	18021	<5			
86949	18022	<5			
86950	18023	<5			
86951	18024	3554			
86952	18025	3174			
86953	18026	68			
86954	18027	35			

PROCEDURE GODES: AL4APP

Certified By:

The results included on this report relate only to the items tested

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Derek Demianiuk H.Bsc., Laboratory Manager

approval of the laboratory

Page 5 of 5

Alto Ventures Ltd.

Date Created: 05-08-31 09:01 AM

Job Number: 200541263 Date Recieved: 8/2/2005 Number of Samples: 88 Type of Sample: Rock Date Completed: 8/29/2005

Project ID:

Accurassay #	Client Tag	Au PPB	Pt PPB	Pd PPB	Rh PPB	Ag PPM	Co PPM
86859		25				, .g	0011111
86860		160					
86861		<5					
86862		<b>&lt;</b> 5					
86863		<5					
86864		<5					
86865		35					
86866		<5					
86867		<5					
86868		<5					
86869	15371	<5					
86870	15372	20					
86871	15373	<5					
86872	15374	<5					
86873	15375	<5					
86874	15376	85	<15	<10			
86875	15377	<5					
86876		<5					
86877		<5					
86878		<5					
86879		<5					
86880		<5					
86881		9					
86882		<b>&lt;</b> 5					
86883		<5					
86884		495					
86885		19					
86886		<5					
86887		<5 <5					
86888		<5 490					
86889		200					
86890 86891		34					
86892		<5					
86893		<5					
86894		<5					
86895		<5					
86896		<5					
86897		<5					
86898		<5					
86899		<5					
86900		7					

86901	15459	751
86902	15459	797
86903	15460	995
86904	15461	7
86905	15462	234
86906	15463	1163
86907	15464	111
86908	15465	856
86909	15466	203
86910	15467	1482
86911	15468	13
86912	15469	181
86913	15469	185
86914	15470	761
86915	15471	26
86916	15472	10
86917	15473	12
86918	15474	23
86919	15475	15
86920	15476	248
86921	15477	384
86922	15478	513
86923	15479	175
86924	15479	165
86925	15480	, 1133
86926	18001	151
86927	18002	<5
86928	18003	25
86929	18004	9
86930	18005	26
86931	18006	<5
86932	18007	<5
86933	18008	6
86934	18009	43 <b>≯</b> 61
86935	18009	01
86936	18010	60
86937	18011	269
86938	18012	24
36939	18013	10
36940	18014	12
36941	18015	13
36942 36942	18016	14
36943	18017	10
36944	18018	61
36945	18019	<5
36946	18019	<b>&lt;</b> 5
36947 36048	18020	7
36948 26040	18021	<5
36949 26050	18022	<5
36950 26051	18023	<5 2554
36951 26052	18024	3554 3474
36952	18025	3174

\* Sample assay results are on page 4 of Job # 200541263 which was not sent by laboratory.

86953 18026 68 86954 18027 35



## **Certificate of Analysis**

Friday, September 16, 2005

Alto Ventures Ltd. #3 - 1349 Kelly Lake Rd. Sudbury, ON, CA

P3E5P5

Ph#: (705) 522-6372 Fax#: (705) 522-8856

Email exploration@altoventures.com

Date Received: 19-Aug-05 Date Completed: 16-Sep-05

Job # 200541408

Reference:

Sample #: 164 R

Rock

_	<b>-</b> 11	Au	Au	Au
Accurassay #	Client Id	ppb	oz/t	g/t (ppm)
97950	18028	6	< 0.001	0.006
97951	18029	<5	< 0.001	< 0.005
97952	18030	<5	< 0.001	< 0.005
97953	18031	<5	< 0.001	< 0.005
97954	18032	<5	< 0.001	< 0.005
97955	18033	<5	< 0.001	< 0.005
97956	18034	<5	< 0.001	< 0.005
97957	18035	<5	<0,001	< 0.005
97958	18036	<5	< 0.001	< 0.005
97959	18037	<5	<0.001	< 0.005
97960 Check	18037	<5	< 0.001	< 0.005
97961	18038	7	< 0.001	0.007
97962	18135	9	< 0.001	0.009
97963	18136	<5	< 0.001	< 0.005
97964	18137	7	< 0.001	0.007
97965	18138	9	< 0.001	0.009
97966	18139	<5	< 0.001	< 0.005
97967	18140	10	< 0.001	0.010
97968	18141	469	0.014	0.469
97969	18142	16	<0.001	0.016
97970	18143	22	<0.001	0.022
97971 Check	18143	12	< 0.001	0.012
97972	18144	27	< 0.001	0.027

PROCEDURE CODES: AL4Au3

The results included on this report relate only to the items tested

Certified By

Derek Demianiuk H.Bsc., Laboratory Manager

approval of the laboratory

AL903-0519-09/16/2005 09:35 PM

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