

---

# MURGOR RESOURCES INC.

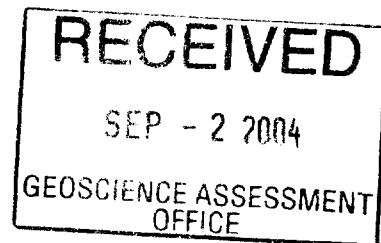
---

2.28373

## MISHIBISHU PROPERTY

**RESULTS OF A GEOLOGICAL MAPPING,  
PROSPECTING AND LITHOGEOCHEMICAL SAMPLING  
EXPLORATION PROGRAM; MISHIBISHU PROPERTY;  
NORTHWESTERN ONTARIO, CANADA.**

NTS 42 C/3



**A. C. TESSIER  
MURGOR RESOURCES INC.**

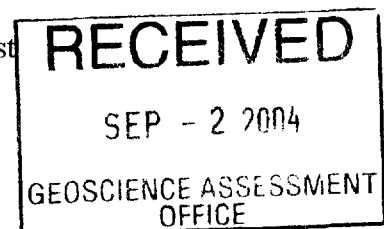
---

*Kingston, On., Canada  
August, 2004*



## TABLE OF CONTENTS

	page
<b>EXECUTIVE SUMMARY:</b> .....	1
<b>I INTRODUCTION:</b> .....	3
<b>II OBJECTIVES:</b> .....	3
<b>III METHODOLOGY AND LOGISTICS:</b> .....	4
<b>IV LOCATION ACCESS AND PHYSIOGRAPHY:</b> .....	4
<b>V DESCRIPTION OF THE PROPERTY:</b> .....	4
<b>VI LOCAL RESOURCES AND INFRASTRUCTURE:</b> .....	4
<b>VII PROPERTY HISTORY:</b> .....	6
<b>VII REGIONAL GEOLOGY:</b> .....	7
<b>VIII PROPERTY GEOLOGY:</b> .....	9
<b>IX RESULTS FROM THIS EXPLORATION PROGRAM:</b> .....	11
IX.1 <u>Results from Murgor’s geological mapping:</u> .....	11
IX.2 <u>Verification of IP anomalies:</u> .....	11
IX.1 <u>Results from the reconnaissance prospecting:</u> .....	11
<b>X CONCLUSIONS and RECOMMENDATIONS:</b> .....	13
<b>XI REFERENCES:</b> .....	15
<b>FIGURE 1:</b> Claim Map of the Mishibishu Property .....	5
<b>FIGURE 2:</b> Regional geology map .....	8
<b>FIGURE 3:</b> Property geology map .....	8
<b>TABLE 1:</b> .....	12
<b>APPENDIX 1:</b> Assay results.....	16
<b>MAP POCKET 1:</b> Geology maps of the property East and West	



**RESULTS OF A GEOLOGICAL MAPPING,  
PROSPECTING AND LITHOGEOCHEMICAL SAMPLING  
EXPLORATION PROGRAM; MISHIBISHU PROPERTY;  
NORTHWESTERN ONTARIO, CANADA.**

**NTS 42 C/3**

**by:**

**André C. Tessier**

**EXECUTIVE SUMMARY:**

From July 19<sup>th</sup> to the 31<sup>st</sup>, Murgor Resources Inc. conducted a mineral exploration program on the Mishibishu Gold Property. The exploration program of geological mapping, prospecting and lithogeochemical sampling was aimed at verifying Induced Polarization geophysical anomalies in the field, verifying the geological mapping from earlier workers, and conducting reconnaissance work on areas of the property not covered by previous workers.

The Mishibishu property consists of 114 mining claim units covering 4,520 acres, located in northwestern Ontario, approximately 50 kilometers west of the town of Wawa and 10 kilometers north of Lake Superior. The Property is accessed by vehicle via the all season Paint Lake Road that leads to the Eagle River Gold Mine.

The Property is located in the Archean Mishibishu Greenstone Belt, part of the Wawa Subprovince of the Superior Structural Province.

The Property is underlain by mafic volcanic rocks and clastic sedimentary rocks bounded to the east and west by large intrusive bodies of tonalitic composition. All rocks have been metamorphosed to the lower greenschist facies. The rocks trend generally east-west with moderate to steep northerly dips. In the western part of the property, the trend of the units turns to a NW-SE with NE dips.

The Mishibishu Property covers a strike length of 10 kilometers of the Mishi Creek Deformation Zone and a strike length of 3 kilometers of the Rook Lake Deformation Zone. Both deformation zones are EW- to NW-trending, dip steeply towards the north and locally exceed 1 kilometer in width. Both shear zones have localized extensive shear-vein systems and high grade gold mineralization in a geological setting that is remarkably similar to the known gold deposits in the area; all owned by River Gold Inc:

- The producing Eagle River Gold Mine (2.86 Mt grading 8.84 g/t Au), located 6 kilometers to the south,
- The past producing Mishi open pit (1.25 Mt grading 4.8 g/t Au), located 12 kilometers to the north, and
- The past producing Magnacon Mine (1.54 Mt grading 6.9 g/t Au), also the site of the operating Eagle River Mill, located 12 kilometers to the north.

The property hosts numerous gold occurrences that have yielded potentially economic grades of mineralization yet the property remains largely under-explored. Some 30 gold showings assaying in excess of 1.0 g/t Au have been located by previous workers.

**CONCLUSIONS AND RECOMMENDATIONS:**

Four areas are recommended for further work at the Mishibishu Property.

**1. AREA OF IP ANOMALIES 26, 27 AND 33:**

- Located at the highly strained, NE-trending contact of sedimentary rocks with mafic volcanic rocks.
- Mineralization consists of disseminated pyrite and quartz veining in all rock types.
- Grab samples collected near the anomalies returned assays of 11.4 g/t Au, 7.8 g/t Au and 2.6 g/t Au.
- Anomaly 33 is at least 300 meters long, on strike with the KK showing and the assay of 11.4 g/t Au.
- Anomalies 26 and 27 may reach up to 700 meters long on strike with assays of 7.8 g/t and 2.6 g/t Au.
- Mechanical trenching and sampling is recommended possibly followed-up by line cutting, IP and drilling.

**2. AREA OF IP ANOMALY 83:**

- Located on a 40 meters wide shear zone trending 258°/80°N on strike with the Dorset East Trench for a strike length greater than 3 kilometers. The extent of the shear zone to the east is unknown.
- Five (5) grab samples have all returned anomalous gold assays of up to 902 ppb Au over a strike length of approximately 600 meters.
- The anomaly remains open to the east where the survey ended, and for 200 meters to the west.
- A large quartz vein within a parallel structure has returned an assay of 487 ppb Au.
- Mechanical trenching and sampling is recommended. Any additional encouragement in the area should be followed by drilling and the extension of the grid to the east.

**3. AREA OF IP ANOMALY 78:**

- The EW-trending anomaly 78 cuts through the small and altered QFP granitic intrusion that shows gold values that are consistently anomalous.
- The geological setting is identical to that of the Eagle River Gold Mine south of the property.
- Drill testing is recommended near the western contact of the intrusion and at the core of the intrusion.

**4. AREA WEST OF THE MARTEN ZONE:**

- Area where a new 7 meter wide quartz-pyrite-arsenopyrite vein within a 10 meter wide shear zone was located.
- Assays from the limited exposure returned up to 2.8 g/t Au.
- The vein is open to the east for approximately 200 meters and to the west 25 meters.
- It is thought that cross faults have displaced the western part of this vein and shear zone to the south.
- Mechanical trenching and sampling is highly recommended to better expose the quartz vein and to better the grades of the zone. Depending on the results from this trenching, drilling is recommended.



André C. Tessier, P. Geol. (On), P. Eng. (Qc)  
Murgor Resources, President & CEO

**RESULTS OF A GEOLOGICAL MAPPING,  
PROSPECTING AND LITHOGEOCHEMICAL SAMPLING  
EXPLORATION PROGRAM; MISHIBISHU PROPERTY;  
NORTHWESTERN ONTARIO, CANADA.**

**NTS 42 C/3**

**by:**

**André C. Tessier**

**I. INTRODUCTION:**

From July 19<sup>th</sup> to the 31<sup>st</sup>, a six person crew composed of three (3) geologists and three (3) prospectors conducted a mineral exploration program on the Mishibishu Gold Property for Murgor Resources Inc. The exploration program of geological mapping, prospecting and lithogeochemical sampling was aimed at verifying Induced Polarization geophysical anomalies in the field, verifying the geological mapping from earlier workers, and conducting reconnaissance work on areas of the property not covered by previous workers.

The following report provides a detailed account of the exploration program including methodology, a description of results, conclusions and recommendations.

**II. OBJECTIVES OF THE EXPLORATION PROGRAM:**

The main objectives of the summer 2004 exploration program on the Mishibishu Property were:

1. **To verify, in the field, the sites of Induced Polarization geophysical anomalies from previous surveys:** In 1997, Val D'Or Geophysics conducted an 80 kilometers Induced Polarization survey on the Mishibishu property for Murgor Resources. That survey covered an area of 5.6 kilometers long by 1.0 to 1.5 kilometers wide from lines 4+00E to 60+00E. That survey was never followed-up by Murgor due to lack of funds for exploration. Later, in 1998, while the Mishibishu Property was under option by Battle Mountain Canada Ltd., another Induced Polarization Survey was carried-out by to cover an area of 1.0 X 1.3 kilometers between lines 60+00E and 70+00E. Both geophysical surveys consisted of time domain resistivity induced polarization with dipole-dipole array (25m spacing). In 2004, the two sets of raw geophysical data were merged and reinterpreted by Abitibi Geophysics for Murgor Resources (Bérubé; May, 2004). Using the new inversion methods of data interpretation, new geophysical maps were drawn that outlined several new targets and reaffirmed the importance of other targets previously identified. The priority targets from this reinterpreted data were selected for field verification in the course of this exploration program.
2. **To verify the geological mapping documented by Battle Mountain Canada Ltd.** in a detailed compilation map of the property produced in December of 1999 shortly before Battle Mountain returned the property to Murgor.
3. **To investigate, through reconnaissance traverses, areas of interest within the property that have not been explored in the past.** The objective was to map, prospect and sample areas north, south and east of existing grids.

### III. METHODOLOGY AND LOGISTICS:

The six person crew composed of three (3) geologists and three (3) prospectors conducted traverses to investigate the high priority Induced Polarization anomalies in an effort to uncover and sample any outcrop in the vicinity of the anomalies. The outcrops were unearthed manually when necessary and located by GPS (UTM coordinates NAD 27), and relative to the existing grid on the property. Where reconnaissance traverses were conducted, only GPS coordinates were used to locate the outcrops and samples.

Rocks were analyzed for gold only by 30g fire assay at Accurassay Laboratories in Thunder Bay, Ontario or at ALS Chemex Laboratories in Val D'Or, Quebec.

The field crew was staying at the H&C Family Lodge on the Trans Canada Highway 15 kilometers west of the intersection with Paint Lake Road.

### IV. LOCATION, ACCESS AND PHYSIOGRAPHY:

The Mishibishu property is located in northwestern Ontario, approximately 50 kilometers west of the town of Wawa and 10 kilometers north of Lake Superior. The Mishibishu Property is also located approximately 300 kilometers east of the city of Thunder Bay and 80 kilometers southeast of the Hemlo Gold Camp 42C/03 SW; Lat. 48° 02', Long. 85° 28' (see figure 2).

The Property is accessed by vehicle via the all season Eagle River Mine (Paint Lake Road) Road that crosses the western part of the property approximately 60 kilometers south of Highway 17 (Trans-Canada Highway). The eastern part of the property is accessed by an extensive network of ATV trails and drill roads. An electric power transmission line parallels the Eagle River Mine Road.

The climate is characterized by summer temperatures ranging from 5° to 35° C and winter temperatures that can reach -45° C and rarely rise above 0° C. Lakes and slow-moving rivers are typically frozen and suitable for diamond drilling from December to April.

The Mishibishu property terrain is generally low-lying, with small lakes and rivers. Low undulating hills are present at the edges of the property where the rocks are intrusive in nature. Outcrop exposure is moderate.

### V. DESCRIPTION OF THE MISHIBISHU PROPERTY:

The Mishibishu property consists of 114 mining claim units covering 4,520 acres (see figure 1), divided as follows:

- The Corporation acquired a 100% interest in 90 mining claim units from Audrey Elizabeth Traverse in exchange for cash payments of \$70,000 and issuance of 80,000 Murgor common shares. These claims are subject to a 2% net smelter return royalty, half of which may be bought back for \$500,000. From this group of claims, 26 mining claim units were dropped on May 11, 2002 and 64 mining claim units remain from this option agreement.
- The Corporation acquired a 100% interest in 101 mining claim units from Jeff Pinksen in exchange for cash payments of \$16,000 and issuance of 80,000 Murgor common shares. These claim units are subject to a 2% net smelter return royalty, half of which may be bought back for \$1,000,000. 49 mining claim units remain from this option agreement.
- Murgor had entered into an option agreement with Goldust Mines Ltd. (now Huntington Exploration Inc.) on December 2, 1996 to acquire a 50% interest in 188 claim units. There remains 1 claim unit from this option agreement, all others were returned to Huntington.

### VI. LOCAL RESOURCES AND INFRASTRUCTURE:

The Mishibishu property is located approximately 300 kilometers east of the town of Thunder Bay and 80 kilometers southeast of the Hemlo Gold Camp where active mining is taking place. Furthermore, the active Eagle River Mine is located approximately 6 kilometers south of the property, and the Mishi and Magnacon

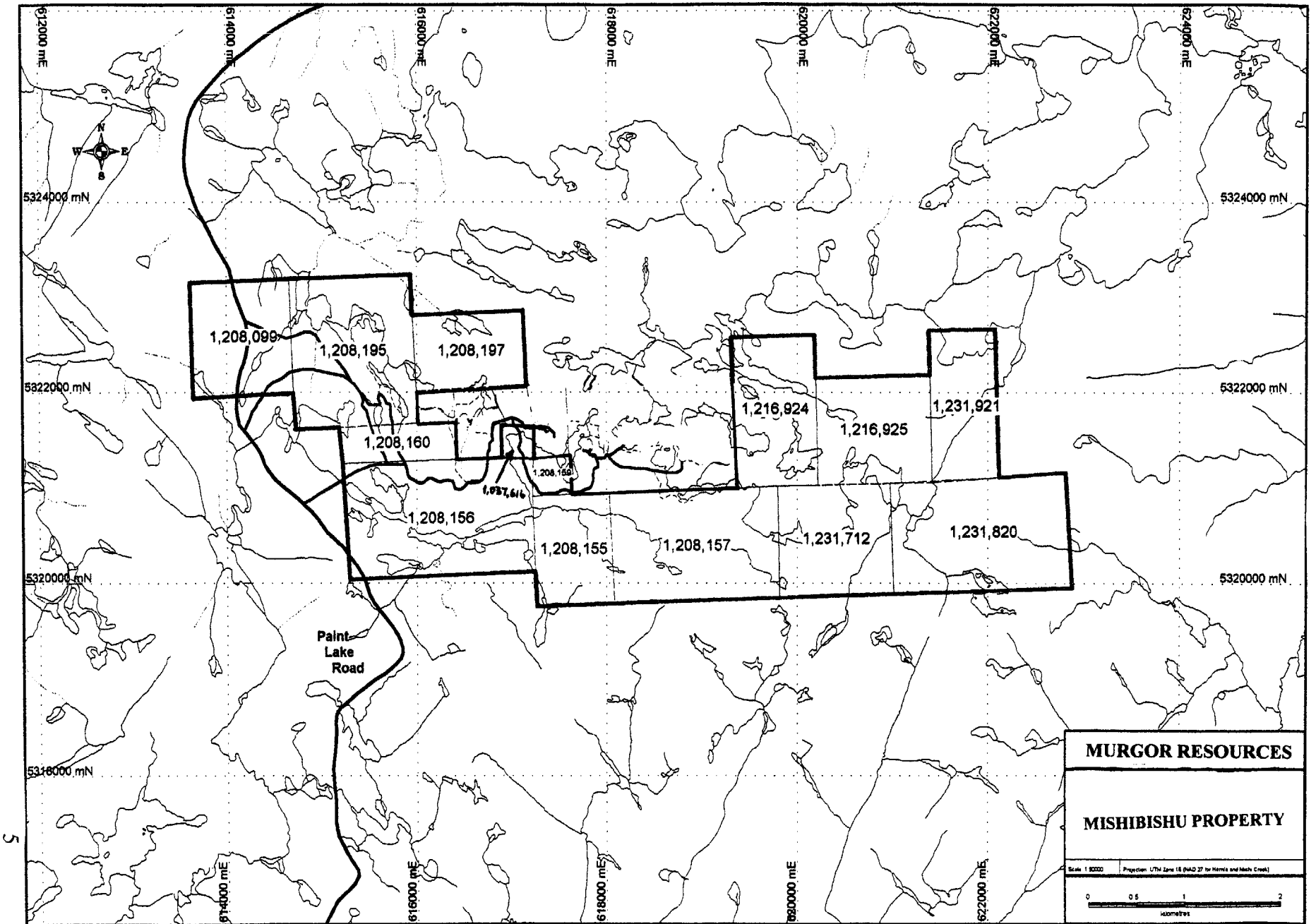


Figure 1: Claim Map of the Mishibishu Property.

Deposits and Eagle River Mill are located approximately 12 kilometers north of the Property. An electric power transmission line parallels the Eagle River Mine Road.

A stable and experience work force, possessing the necessary skills in exploration and mining can be recruited from Thunder Bay.

As well as improving the potential profitability of a larger high grade deposit, proximity to infrastructure, including all-season road, electricity and local gold mining operations and mill facilities, contribute to the potential for low-cost and rapid mine development of smaller or lower grade gold deposits that would not otherwise be feasible as stand-alone operations.

## VII. PROPERTY HISTORY:

Exploration from 1970 to 1980, prior to the Hemlo area gold discovery, was directed towards base metal exploration and included the following activities:

- 1970:** Falconbridge Nickel Mines Ltd. completed an airborne geophysical (EM and Mag.) survey over the eastern portion of the present block to define potential base metal targets.
- 1972:** Asarco Exploration Company of Canada completed a diamond drilling program (4 holes – 300 meters) testing base metal targets located just north of the Cameron Lake area.
- 1978:** Noranda Exploration Company Ltd. completed a ground geophysical survey (Mag. and EM) exploring for base metals over the central portion of the claim block.
- 1980:** Amoco Canada Petroleum completed a base metal exploration program north of Cameron Lake. The work included geological mapping and diamond drilling (4 holes – 380 meters).

Gold exploration was initiated across the area by Dominion Explorers Inc. in 1983. Noranda Exploration Company Ltd., optioned the Dominion Explorers ground in 1988 and much of the ground was subsequently restaked to form the Mishi Creek Property (part of the Mishibishu property).

- 1983** Dominion Explorers Inc. completed a regional airborne geophysical survey (Mag and EM). Follow-up exploration on the present claim blocks included ground geophysics (Mag. and EM), geological mapping and geochemical sampling.
- 1988:** Dominion Explorers Inc. completed a soil geochemical survey over the Cameron Lake area and conducted diamond drilling (4 holes – 272 meters) in the Dorset area.
- 1990:** Noranda Exploration Company Ltd. optioned the Dominion Explorers property and completed geological mapping, geophysical surveys (IP-Mag.-VLF-EM), soil geochemical surveys, stripping, prospecting and diamond drilling (21 holes – 2208 meters). Most of this drilling was conducted on the Marten Zone. This exploration located numerous new gold occurrences on the present claim blocks.

### ***Murgor Exploration:***

Murgor's involvement in the area started in 1996 with the acquisition of the Goldust Mines property.

- 1996:** In the fall of 1996, Murgor completed over 120 kilometers of line cutting and ground geophysics (Mag-EM) followed-up by an extensive program of prospecting and stripping over the whole property. In the winter of 1996, compilation work was carried out.
- 1997:** In the spring and summer of 1997, a 15 kilometers Induced Polarization geophysical survey was completed on the Macassa claim block combined with a program of prospecting, stripping and sampling. The results of this survey combined with the interpretation of airborne geophysical survey were applied to define diamond drill targets.

In the summer and fall of 1997, an extensive program of prospecting, stripping and sampling was conducted on the Mishibishu Main claim block combined with 22 kilometers of line-cutting, 80 kilometers of Induced Polarization geophysical survey. The stripping program uncovered the surface expression of the Dorset Zone (part of the property that has since been dropped by Murgor) where channel sampling yielded a zone of 20 feet wide grading 0.11 oz/t Au.



- 1998:** A diamond drilling program was carried-out by Murgor in February 1998 (14 holes – 1,496 meters) on the Dorset Zone (part of the property that has since been dropped by Murgor). The best results of the campaign included:
- 0.11 oz/t Au over 72 feet,
  - 0.05 oz/t Au over 87 feet,
- 1998:** Battle Mountain Canada Ltd. optioned the property in August 1998 and completed a diamond drilling program of five (5) holes for a total of 1923 meters on the Dorset Zone. During the summer of 1998 Battle Mountain also completed geochemical and Induced Polarization geophysical surveys on selected targets, followed-up by power stripping, sampling and mapping. In August 1999, Battle Mountain returned the property to Murgor.

## **VII. REGIONAL GEOLOGY:**

The Property is located in the Archean Mishibishu Greenstone Belt, part of the Wawa Subprovince of the Superior Structural Province (see figure 2). The supracrustal rocks consist predominantly of mafic volcanics and clastic sediments in the northern third of the belt (the Mishi Assemblage) and felsic to mafic volcanics intercalated with chemical and clastic sediments in the southern two-thirds of the belt (the Catfish Assemblage). The supracrustals have been intruded by a number of felsic to intermediate batholiths and stocks. Extensive brittle-ductile deformation is evidenced by folding, shearing and faulting of the Archean units. Diabase dykes commonly crosscut the older stratigraphy.

The property is underlain by mafic volcanics and clastic sediments with minor amounts of intermediate to felsic volcanics and intrusives; all belonging to the Mishi Assemblage. Regional deformation zones cross the property.

The Mishibishu Property is underlain by two (2) regional deformation zones, extensive shear-vein systems and high grade gold mineralization in a geological setting that is remarkably similar to the known gold deposits in the area; all owned by River Gold Inc:

- The producing Eagle River Gold Mine (2.86 Mt grading 8.84 g/t Au), located 6 kilometers to the south,
- The past producing Mishi open pit (1.25 Mt grading 4.8 g/t Au), located 12 kilometers to the north, and
- The past producing Magnacon Mine (1.54 Mt grading 6.9 g/t Au), also the site of the operating Eagle River Mill, located 12 kilometers to the north.

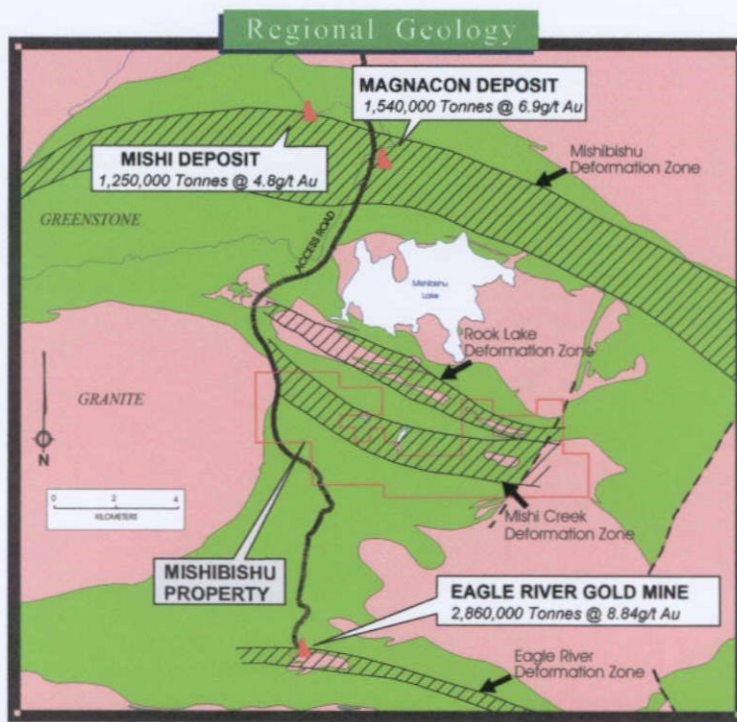
The property hosts numerous gold occurrences that have yielded potentially economic grades of mineralization yet the property remains largely under-explored. Some 30 gold showings assaying in excess of 1.0 grams/tonne Au have been located.

Re-interpretation of previous exploration data (geophysics, geochemistry) combined with Landsat imagery has resulted in the identification of numerous laterally extensive features interpreted as gold-bearing bedrock structures. These mineralized structures occur in a corridor up to one kilometer in width with a strike extent of at least 8 kilometers across the Mishibishu Property. It is proposed that these related structures occupy a previously unrecognized regional deformation zone, the Mishi Creek Deformation Zone.

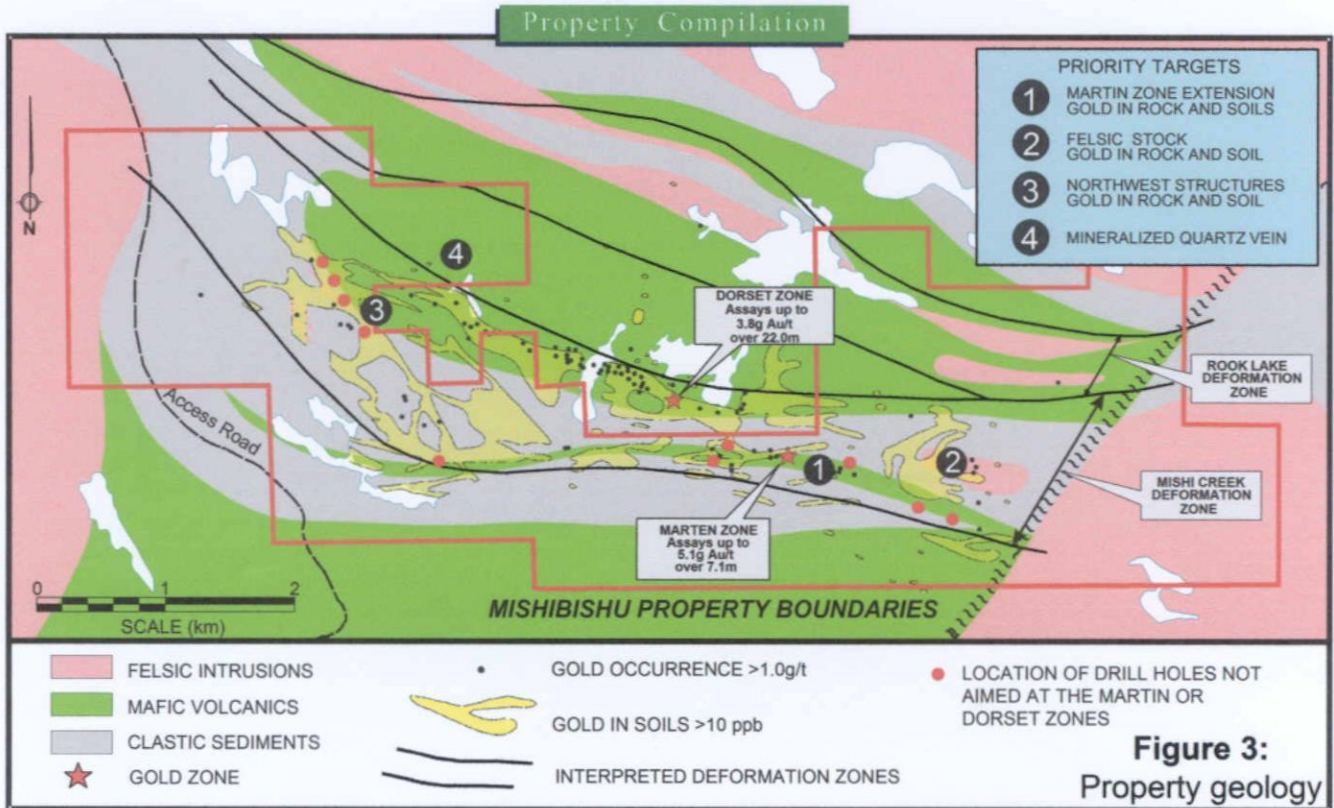
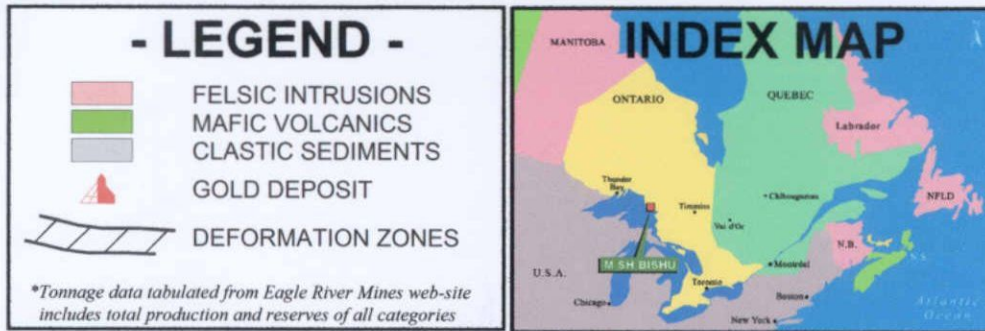
### **REGIONAL CONTROLS OF GOLD MINERALIZATION:**

Gold mineralization in the Mishibishu Greenstone Belt is commonly associated with regional-scale deformation zones. Measuring up to three kilometers in width and tens of kilometers in strike length, these deformation zones are typically east-west striking, arcuate, structurally complex zones that are localized along major lithologic contacts.

Gold mineralization is commonly associated with minor sulfide mineralization within discrete shear zones and quartz vein systems. Related alteration includes sericite, chlorite, iron carbonate and silicification. Mafic volcanics, clastic sediments and intermediate to felsic intrusives are the most common host rocks.



**Figure 2:**  
Regional geology and  
location maps:



**Figure 3:**  
Property geology

### Eagle River Mine

In production since 1996, the Eagle River Mine is described by River Gold Mines Ltd as a classic, shear-hosted, quartz vein, gold deposit. High grade gold mineralization is related to a series of subparallel discrete brittle-ductile shear zones that occur at the intersection of the Eagle River Deformation Zone and a diorite stock hosted by mafic volcanics. Gold mineralization occurs within the stock and the surrounding volcanics, however ore zones have been identified exclusively within the stock. Minor pyrite is commonly present.

As of the beginning of 2002, the mine has produced almost one million tonnes at 9.0 grams Au per tonne and reserves stood at almost 900,000 tonnes grading 10.5 grams Au per tonne. Ore is processed at the Magnacon Mill located approximately 18 kilometers to the north. The mill can process about 1000 tonnes per day and recoveries for the Eagle River Mine ore averaged 97% in 2001.

### Magnacon Deposit

The Magnacon Deposit is located within the Mishibishu Deformation Zone proximal to a major clastic sediment-mafic volcanic lithologic contact. Gold mineralization occurs within sulphide-bearing discrete shears, quartz-ankerite veins and quartz vein systems. Mafic volcanics, clastic sediments and felsic to intermediate intrusives, intensely altered to chlorite, sericite, ankerite, and quartz, host the mineralization.

The Magnacon Mine produced 265,000 tonnes of 4.4 grams Au per tonne in 1989. At the time reserves were reported at about 1.5 million tonnes grading 6.9 grams Au per tonne. Complex ore geometries and poor grade control resulted in lower than expected grade recoveries and lead to the suspension of operations.

### Mishi Deposit

The Mishi Deposit is located within the Mishibishu Deformation Zone proximal to a major clastic sediment-mafic volcanic lithologic contact. Gold mineralization occurs within discrete shear and quartz vein systems containing minor sulphide mineralization. The Mishi Deposit consists of an echelon quartz veins within sheared mafic 'wackes' and quartz feldspar porphyries. Reserves are reported at 859,000 tonnes grading 5.1 grams Au per tonne.

River Gold Mines considers the Mishi Deposit as a low cost, seasonal operation that will provide an important source of future millfeed with production scheduled to begin in 2002.

## VIII. PROPERTY GEOLOGY:

The Property is underlain by mafic volcanic rocks to the north and clastic sedimentary rocks to the south. A second sequence of mafic volcanic rocks is exposed along the southern margin of the property, in the eastern half of the property. The property is bounded to the east and west by large intrusive bodies of tonalitic composition. All rocks have been metamorphosed to the lower greenschist facies.

The mafic volcanic flows consist of massive to pillowed flows locally amygdaloidal whereas the clastic sedimentary rocks consist dominantly of greywacke with lesser siltstones and local argillite. The sedimentary rocks are typically well bedded.

The rocks trend generally east-west with a northerly dip of 60°-80°. In the western part of the property, the trend of the units turns to a NW-SE direction with dips of 60°-80° to the NE. A bedding-parallel, penetrative foliation is observed throughout the property.

Highly altered intrusions of quartz-feldspar phyric and feldspar phyric are often found intruding the sedimentary rocks and locally the mafic volcanic rocks. These intrusive rocks typically contain up to 5% fine-grained disseminated pyrite and have locally returned anomalous gold values (>100 ppb Au). The intrusions are typically sills of 10 to 50 meters in thickness except for a large, elliptical, quartz-feldspar phyric intrusion of granitic composition observed in the eastern part of the property.

The Mishibishu Property covers a strike length of 10 kilometers of the Mishi Creek Deformation Zone and a strike length of 3 kilometers of the Rook Lake Deformation Zone. Both deformation zones are EW- to NW-trending, dip steeply towards the north and locally exceed 1 kilometer in width. Both shear zones are localized along the contacts between clastic sedimentary rocks and mafic volcanic rocks which are intruded by small and deformed, intermediate to felsic intrusions similar to the intrusion that hosts the Eagle River Deposit.

The Rook Lake Deformation Zone remains virtually unexplored and is consequently poorly known. The Michi Creek Deformation Zone is characterized by extensive gold in soil anomalies of Au >10 ppb and by more than 50 bedrock gold occurrences grading Au >1 g/t (Battle Mountain Canada Ltd., 1999). The bedrock occurrences include the Dorset and the Martin Zones which consist of small gold-bearing quartz veins hosted by EW-trending shear zones dipping 60° N. On the Martin Zone significant assays were encountered by drilling and trenching over a strike length of 300m (drill intercept of up to 5.05 g/t Au over 7.45 m). The Dorset Zone has a strike length of 2 kilometers. The best drill results on the Dorset Zone include: 3.74 g/t Au over a true width of 21.53 m, 3.02 g/t Au over 5.92 m, and 5.23 g/t Au over 3.70 m in three separate drill holes.

Although the Dorset Zone lies just outside of the property boundaries, both its east and west strike extensions are within the property. The Martin Zone lies within the boundaries of the Mishibishu Property.

Aside from the diamond drill holes aimed at the Martin Zone, a total of only 11 short (<100m) drill holes have been drilled on the whole property (5 of these drill holes were never filed for assessment and collars were located in the course of mapping).

### **Property and area Gold Mineralization**

More than 30 gold occurrences (>1.0 gram Au per tonne) have been documented on the Mishibishu Property by previous workers. Gold mineralization occurs predominantly within westerly and northwesterly striking sulphide-bearing shear-vein systems. The shear-vein systems are hosted in mafic volcanics, clastic sediments and intermediate to felsic intrusives commonly near major lithological contacts.

Two important gold zones have been identified within or in the immediate vicinity of the property, and hosted by the Mishi Creek Deformation Zone: the Dorset Zone and the Martin Zone.

#### **The Dorset Zone**

The Dorset Zone lies just north of the Mishibishu property but the strike extensions of the zone are located onto the property. Gold mineralization at the Dorset Zone is associated with sulphide mineralization (pyrite and arsenopyrite) and quartz veining within a discrete shear zone. Mafic volcanic rocks with intermediate to felsic intrusives host the mineralized zone proximal to a major lithologic contact with clastic sediments to the south. The zone strikes east-west and dips about 60 degrees to the north. Gold occurrences are present over a two kilometer strike length with gold in soil anomalies and corresponding bedrock structures, inferred from Landsat image features, indicating a possible four kilometer strike length. Previous exploration by Murgor and Battle Mountain Gold has focused on a one kilometer strike length of the zone where trenching and drilling have returned numerous significant assays up to 3.8 grams Au per tonne over 22.0 metres.

Most of the known Dorset Zone occurs to the north of the Murgor Mishibishu Property, however the potential strike extensions, both east and west, as well as some of the down dip potential is covered by the Property.

#### **The Marten Zone**

Gold mineralization at the Marten Zone is associated with sulphide mineralization (pyrite and arsenopyrite) and quartz veining within a shear zone. A 200 metre wide east-west striking unit of mafic volcanics, within clastic sediments, hosts the mineralized zone. The shear-vein system strikes east-west and dips about 60 degrees to the north. Gold occurrences are present over a three hundred metre strike length. Trenching and drilling have returned numerous significant assays up to 5.5 grams Au per tonne over 5.0 metres. Immediately north of the Martin Zone, gold in soil anomalies and corresponding bedrock structures, inferred from Landsat image features, indicate a possible related mineralized structure.

## **IX. RESULTS FROM THIS EXPLORATION PROGRAM:**

The following section describes the results of the exploration program conducted by Murgor Resources Inc. in July 2004. The section is subdivided into three sections: Geological mapping, Verification of IP anomalies, and Reconnaissance prospecting. The areas of interest recommended for additional work are listed in the conclusion section

### ***IX.1 Results from Murgor's Geological Mapping:***

Murgor's geological mapping was aimed at verifying the geology documented by previous workers and documented by Battle Mountain Canada Ltd in a 1999 compilation map.

The geological mapping by Noranda and Battle Mountain appears to have been interpreted from numerous trenches coupled with magnetic geophysical maps that covered the core of the property. The trenches appear to have been mapped very summarily and evidences of sampling have rarely been observed.

Nonetheless, the geological mapping carried-out in the course of this exploration program has largely confirmed the geological interpretation previously recorded by other workers in the area. However, some contacts have been relocated (all within 50 meters), additional quartz-feldspar phyric sills have been recorded and new structural features have been observed such as shear zones (5321400N 620000E and 5321231N 620525E) and large quartz -  $\pm$ pyrite -  $\pm$ arsenopyrite veins (5320844N 618738E). These new structural features are described in section X below.

### ***IX.2 Verification of Induced Polarization Anomalies:***

A total of 20 IP anomalies were verified in the field through geological mapping, prospecting and sampling. The IP anomalies were listed at various levels of geophysical priority by Abitibi Geophysics (2004) but were all located in areas deemed to be geologically favorable for gold mineralization.

Table 1 below shows the status of the anomalies; anomalies 26, 27, 33, 78 and 83 are recommended for additional work (see conclusions and recommendations at section X below).

### ***IX.3 Results from the Reconnaissance Prospecting:***

Five reconnaissance traverses were conducted off the existing grid and up to the north and south limits of the property. Although these traverses encountered geological settings that appeared promising, no significant results are reported. It must be considered, however that these traverses investigated a very limited area.

Anomalous values of 52 and 55 ppb Au are reported in a boggy area near coordinates 620544E 5321727N.

TABLE 1: LIST OF IP ANOMALIES AND THEIR PRIORITY.

NUMBER OF ANOMALY	EASTING	NORTHING	ABITIBI GEO. PRIORITY No	OUTCROP	ASSAYS (ppb)	STATUS (Explained?)	NEW PRIORITY	REMARKS
10	614830	5322427	1	YES	<5 <5	NO	LOW	Tr dism. Py. In sed.
22	615320	5322440	1	YES	N/A	NO	HIGH	These anomalies may be misinterpreted and may be extensions of anomaly 26
26	615702	5322188	1	YES	7826 <5 <5	YES	V. HIGH	Anomaly at volc./sed. etc. High assay is from quartz vein in sed., low assays are from 5% dism py.
27	615707	5321906	2	YES	2616 158 11	YES	V. HIGH	Anomaly at volc./sed. etc. High assay is dism and banded py, low assays are from quartz veinlets (all in sed.) Western part of anomaly is not EW trending
29	615450	5321650	2	NO	N/A	YES	MOD	Anomaly tested at central part by NW-SE trending structure with dism py in sed.
33	616000	5322100	2	YES	11431 708 771 719 247 63 48	YES	V. HIGH	O/c observed only near KK showing. Dism. Py in volc.
35	616132	5321694	3	YES	<5	NO	MOD	O/c did not show sufficient dism py to explain anomaly.
38	626450	5321230	3	YES	n/a	NO	LOW	O/c did not show sufficient dism py to explain anomaly.
66	619054	5320842	5	YES	989	YES	MOD	Anomaly response of the Martin Zone. Still interesting for extensions Interest varies along strike
71	619500	5320760	2	YES	1173	YES	MOD	Although the anomalie is of interest, drill holes to the east have tested it.
72	619700	5320750	1	NO	N/A	NO	HIGH	Some sampling to the west and on strike 300-400 meters away returned <5 ppb Au
73	619677	5321294	2	YES	55 <5 <5 <5	YES	MOD	Although the anomaly is explained with a shear zone with up to 5% dism py that returned only weakly anomalous Au, the anomaly to the north is of interest and very close.
75	620275	5321029	1	YES	18 <5	NO	MOD	Although lots of o/c is found near the anomaly, none can really explain it. A shear zone was located directly on the base line.
78	620450	5320800	1	NO	N/A	NO	V. HIGH	The anomaly occurs in a depression and remains unexplained due to lack of o/c. Yet several samples show anomalous gold nearby and the anomaly is EW-trending and cuts a QFP plug.
81	620370	5321479	1	NO	12	NO	HIGH	The anomaly is near a shear zone and remains of interest.
83	620474	5321367	1	YES	902 477 344 45 39	YES	V. HIGH	The anomaly is explained by dism. Py in volc. All samples are anomalous over a strike extent of 600 meters.

## **X. CONCLUSIONS AND RECOMMENDATIONS:**

Gold mineralization at the Mishibishu property occurs in EW-trending shear zones dipping towards the north at 60°-80°. In the western part of the property, these structures appear to turn to a NW-SE trend, dipping again 60°-80° towards the NE. Mineralization occurs as disseminated pyrite and/or arsenopyrite on foliation planes or within sugary white quartz veins. The IP response associated with the Marten Zone consists of a high chargeability anomaly within a wide zone of high resistivity probably due to the large quartz veins that are documented there. The IP response associated with the Dorset Zone is reported to be of high chargeability with an increase of conductivity due to the disseminated sulfide nature of the mineralization.

Four areas are recommended for further work at the Mishibishu Property.

### **1. AREA OF IP ANOMALIES 26, 27 AND 33:**

The area is located at the north contact of the clastic sedimentary unit with mafic volcanic rocks to the north. The area is characterized by a strong deformation corridor trending NW-SE and dipping moderately to the NE. The rocks show variable amounts of disseminated pyrite and quartz veining in both volcanic and sedimentary rocks. Grab samples collected in the vicinity of the IP anomalies consistently returned anomalous gold values including 11.4 g/t Au, 7.8 g/t Au and 2.6 g/t Au. Anomaly 33 has a strike extent of at least 300 meters and is located on strike with the KK showing and Murgor's assay of 11.4 g/t Au. Anomalies 26 and 27 must be reinterpreted, taking into account the geological trend of 315/40NE that probably link the assays of 7.8 g/t and 2.6 g/t Au. If this reinterpretation is correct, the anomaly may reach up to 700 meters of strike length considering anomaly 22 to the north-west. None of the anomalies appear to have been drill tested. Resistivity contours suggest that the area is sub-cropping

#### **RECOMMENDATION:**

Mechanical trenching and sampling is highly recommended on the IP anomalies near the best assay results. The new surface exposures will allow Murgor to better understand the controls of the mineralization in the area to better direct a drilling program on the anomalies. As discussed above, anomalies 26 and 27 must be reinterpreted in light of surface geological data. If trenching is insufficient to understand the controls of the mineralization and evaluate the orientations of the mineralized structures in the area, it is recommended to cut a small grid (approximately 1200 x 800 meters) at 50 meters spacing to cover the area. Lines should be oriented at approximately 045° azimuth. The grid should be covered with an IP survey (approximately 20 km).

Depending on the results from this work, drilling is recommended.

### **2. AREA OF IP ANOMALY 83:**

The area is characterized by a 40 meters wide brittle-ductile shear zone trending 258°/80°N with isoclinal folds plunging 35°→265°. The shear zone can be traced westward on topographic lineaments up to the Dorset East Trench for a strike length greater than 3 kilometers. The extent of the shear zone to the east is unknown. In the area of anomaly 83, five (5) samples have all returned anomalous gold assays of up to 902 ppb Au over a strike length of approximately 600 meters. The anomaly remains open to the east where the survey ended, and to the west for 200 meters (line 59+00E was not all covered by the previous IP surveys). Furthermore, parallel structures in the area have also returned anomalous gold values; notably a large quartz vein without any visible pyrite returned an assay of 487 ppb Au. The presence of outcrop suggests that mechanical trenching is possible in this remote area.

#### **RECOMMENDATION:**

Mechanical trenching and sampling is highly recommended on IP anomaly 83 despite the remoteness of the area. Current exposures are very limited and it is too early to evaluate the width potential of the

mineralization within the shear zone. Any additional encouragement in the area should be followed by drilling and the extension of the grid to the east.

**3. AREA OF IP ANOMALY 78:**

The area is located within the 850 x 250 meters, Quartz-Feldspar phyric granitic intrusion in the east part of the property. There, the EW-trending anomaly 78 cuts through the small altered intrusion that shows gold values that are consistently anomalous. The geological setting is identical to that of the Eagle River Gold Mine south of the property. Attempts were made by previous workers to trench the anomaly without success.

**RECOMMENDATION:**

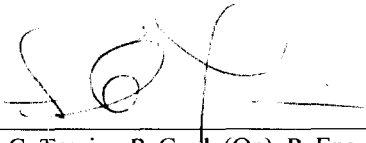
Mechanical trenching, over this area, was attempted unsuccessfully by previous workers. Drill testing of anomaly 78 is recommended near the western contact of the intrusion (approximately at 620200E 5320810N) where competency contrasts should be encountered, and at the core of the intrusive body (approximately at 620575E 5320750N) where previous workers and Murgor have encountered anomalous gold values.

**4. AREA WEST OF THE MARTEN ZONE:**

The area is characterized by a 7 meter wide quartz-pyrite-arsenopyrite vein within a 10 meter wide shear zone that has never been uncovered. Assays from the limited exposure returned up to 2.8 g/t Au. The vein is open to the east for approximately 200 meters and to the west 25 meters. To the west, it is likely that cross faults have displaced this vein and shear zone to the south. The area is sub-cropping and suitable for mechanical trenching.

**RECOMMENDATION:**

Mechanical trenching and sampling is highly recommended to better expose the quartz vein and to attempt to increase the grades. Furthermore mechanical trenching may help in determining why the structure and vein disappear completely within 25 meters to the west. Depending on the results from this trenching, drilling is recommended.



---

André C. Tessier, P. Geol. (On), P. Eng. (Qc)  
Murgor Resources, President & CEO



**XI. REFERENCES:**

- Kusins, Robert; 1999, Geology, trenching and soil geochemistry report; Mishi Creek – Project 470060; Murgor Option., Battle Mountain Canada Ltd internal report with compilation map.
- Bérubé, Pierre; 2004, Murgor Resources Inc.; processing and compilation of resistivity / induced polarization surveys; Mishibishu Property. Interpretation Report 04N763 Volumes A and B., Abitibi Geophysics Report for Murgor Resources.

# **APPENDIX I**

**MISHIBISHU PROPERTY  
ASSAY RESULTS  
MURGOR RESOURCES JULY 2004**

Eastings	Northing	Sample Number	Assay (ppb)	Eastings	Northing	Sample Number	Assay (ppb)
620261	5321006	67051	<5	618738	5320844	67178	99
620261	5321006	67052	<5	618738	5320844	67179	143
620261	5321006	67053	<5	616829	5321008	67201	120
620234	5321051	67054	<5	614830	5322427	67202	<5
620533	5321227	67055	<5	614830	5322427	67203	<5
620563	5321241	67056	37	616390	5322303	67204	<5
620556	5321270	67057	487	615521	5322215	67205	7826
620552	5321289	67058	<5	615707	5321906	67206	11
620253	5321384	67059	477	615707	5321906	67207	158
620085	5321185	67060	14	615707	5321905	67208	2616
619652	5320673	67061	<5	615702	5322188	67209	<5
619500	5320760	67062	1173	616175	5321998	67210	63
619054	5320842	67063	989	616175	5321998	67211	719
614911	5321045	67064	31	616175	5321998	67212	48
615452	5321240	67065	65	616175	5321998	67213	247
615452	5321240	67066	16	616175	5321998	67214	771
615749	5321228	67067	<5	616175	5321998	67215	708
618205	5320966	67068	249	616175	5321998	67216	11431
618011	5320673	67069	<5	615334	5321920	67217	19
615812	5321274	67070	15	615417	5321903	67218	78
615883	5321201	67071	<5	615450	5321940	67219	<5
615898	5321201	67072	<5	615396	5321765	67220	166
616039	5321088	67073	121	615396	5321765	67221	25
615418	5320072	67074	<5	615400	5322774	67222	124
615391	5320163	67075	<5	620544	5321727	67251	52
615391	5320163	67076	<5	619894	5321368	67252	344
615391	5320163	67077	<5	620370	5321479	67253	12
619960	5320628	67101	<5	619449	5320820	67254	<5
619895	5320653	67102	18	619399	5320606	67255	21
620332	5320714	67103	166	619295	5320844	67256	<5
620275	5321029	67104	18	618557	5320892	67272	8
619457	5321214	67105	7	618564	5320901	67273	15
619473	5321257	67106	<5	618423	5320836	67274	<5
619473	5321257	67107	<5	618221	5320918	67275	<5
619420	5321235	67108	<5	616655	5322622	67276	<5
619420	5321235	67109	<5	616670	5322643	67277	<5
619960	5320972	67151	359	616436	5322777	67278	11
619960	5320972	67152	214	616426	5322788	67279	<5
619956	5320820	67153	9	616426	5322788	67280	<5
619062	5321131	67154	<5	616245	5320780	67281	<5
619757	5321021	67155	<5	616256	5322836	67282	<5
623070	5320817	67156	<5	616256	5322836	67283	<5
623070	5320767	67157	<5	616183	5322912	67284	<5
620056	5320668	67158	<5	616132	5321694	67285	<5
620533	5321227	67159	31	616569	5320787	67647	119
620563	5321241	67160	<5	613085	5321098	67648	<5
619677	5321294	67161	<5	614812	5320973	67649	<5
619706	5321284	67162	<5	620667	5320862	67735	<5
619706	5321274	67163	<5	620571	5320800	67736	44
619808	5321248	67164	<5	620571	5320664	67737	<5
619796	5321255	67165	<5	620600	5320641	67738	77
619835	5321287	67166	55	620550	5320587	67739	16
618738	5320844	67167	111	620567	5320780	67740	116
618738	5320844	67168	105	620496	5321033	67741	6
618738	5320844	67169	2798	620502	5321105	67742	<5
618738	5320844	67170	9	620479	5321196	67743	<5
618738	5320844	67171	457	620482	5321263	67744	<5
618738	5320844	67172	99	620474	5321367	67745	902
618738	5320844	67173	35	620254	5321387	67746	39
618738	5320844	67174	365	620254	5321367	67747	45
618738	5320844	67175	13	620477	5321724	67748	<5
618738	5320844	67176	272	620481	5321737	67749	55
618738	5320844	67177	988	620494	5321717	67750	<5



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

Monday, August 09, 2004

Murgor Resources Inc.  
179 Sydenham St., Suite 102  
Kingston, ON, CA  
K7K3M1  
Ph#: (613) 546-7503  
Fax#: (613) 546-7318  
Email atessier@bellnet.ca

Date Received : 27-Jul-04  
Date Completed : 08-Aug-04  
Job # 200440879  
Reference :  
Sample #: 122      Rock

2.28373

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
43164	67051	<5	<0.001	<0.005
43165	67052	<5	<0.001	<0.005
43166	67053	<5	<0.001	<0.005
43167	67054	<5	<0.001	<0.005
43168	67055	<5	<0.001	<0.005
43169	67056	37	0.001	0.037
43170	67057	487	0.014	0.487
43171	67058	<5	<0.001	<0.005
43172	67059	477	0.014	0.477
43173	67060	14	<0.001	0.014
43174 Check	67060	10	<0.001	0.010
43175	67061	<5	<0.001	<0.005
43176	67062	1173	0.034	1.173
43177	67063	989	0.029	0.989
43178	67064	31	<0.001	0.031
43179	67065	65	0.002	0.065
43180	67066	16	<0.001	0.016
43181	67067	<5	<0.001	<0.005
43182	67101	<5	<0.001	<0.005
43183	67102	18	<0.001	0.018
43184 Check	67102	15	<0.001	0.015
43185	67103	166	0.005	0.166
43186	67104	18	<0.001	0.018

PROCEDURE CODES: AL4Au3

Page 1 of 6

Certified By:   
Derek Demlanuk H.Bec., Laboratory Manager

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



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

Monday, August 09, 2004

Murgor Resources Inc.  
179 Sydenham St., Suite 102  
Kingston, ON, CA  
K7K3M1  
Ph#: (613) 546-7503  
Fax#: (613) 546-7318  
Email atessier@bellnet.ca

Date Received : 27-Jul-04  
Date Completed : 08-Aug-04  
Job # 200440879

Reference :

Sample #: 122 Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
43187	67105	7	<0.001	0.007
43188	67106	<5	<0.001	<0.005
43189	67107	<5	<0.001	<0.005
43190	67108	<5	<0.001	<0.005
43191	67109	<5	<0.001	<0.005
43192	67110	82	0.002	0.082
43193	67111	9	<0.001	0.009
43194 Check	67111	9	<0.001	0.009
43195	67112	<5	<0.001	<0.005
43196	67113	21	<0.001	0.021
43197	67114	1854	0.054	1.854
43198	67115	427	0.012	0.427
43199	67116	746	0.022	0.746
43200	67117	9586	0.280	9.586
43201	67151	359	0.010	0.359
43202	67152	214	0.006	0.214
43203	67153	9	<0.001	0.009
43204 Check	67153	<5	<0.001	<0.005
43205	67154	<5	<0.001	<0.005
43206	67155	<5	<0.001	<0.005
43207	67156	<5	<0.001	<0.005
43208	67157	<5	<0.001	<0.005
43209	67158	<5	<0.001	<0.005

PROCEDURE CODES: ALAAu3

Page 2 of 6

Certified By:

Derek Demianuk H.B.Sc., Laboratory Manager

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

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

AL903-0288-08/09/2004 12:49 PM

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

Monday, August 09, 2004

Murgor Resources Inc.  
179 Sydenham St., Suite 102  
Kingston, ON, CA  
K7K3M1  
Ph#: (613) 546-7503  
Fax#: (613) 546-7318  
Email atessier@bellnet.ca

Date Received : 27-Jul-04  
Date Completed : 08-Aug-04  
Job # 200440879

Reference :

Sample #: 122 Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
43210	67159	31	<0.001	0.031
43211	67160	<5	<0.001	<0.005
43212	67161	<5	<0.001	<0.005
43213	67162	<5	<0.001	<0.005
43214 Check	67162	<5	<0.001	<0.005
43215	67163	<5	<0.001	<0.005
43216	67164	<5	<0.001	<0.005
43217	67165	<5	<0.001	<0.005
43218	67166	55	0.002	0.055
43219	67167	111	0.003	0.111
43220	67168	105	0.003	0.105
43221	67169	2798	0.082	2.798
43222	67170	9	<0.001	0.009
43223	67171	457	0.013	0.457
43224 Check	67171	399	0.012	0.399
43225	67172	99	0.003	0.099
43226	67173	35	0.001	0.035
43227	67174	365	0.011	0.365
43228	67175	13	<0.001	0.013
43229	67176	272	0.008	0.272
43230	67177	988	0.029	0.988
43231	67178	99	0.003	0.099
43232	67179	143	0.004	0.143

PROCEDURE CODES: AL1Au3

Page 3 of 6

Certified By:

Derek Demianuk H.Bac., Laboratory Manager

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

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

AL903-0288-08/09/2004 12:49 PM

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

Monday, August 09, 2004

Murgor Resources Inc.  
179 Sydenham St., Suite 102  
Kingston, ON, CA  
K7K3M1  
Ph#: (613) 546-7503  
Fax#: (613) 546-7318  
Email atessier@bellnet.ca

Date Received : 27-Jul-04  
Date Completed : 08-Aug-04  
Job # 200440879  
Reference :

Sample #: 122 Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
43233	67201	85	0.002	0.085
43234 Check	67201	120	0.004	0.120
43235	67202	<5	<0.001	<0.005
43236	67203	<5	<0.001	<0.005
43237	67204	<5	<0.001	<0.005
43238	67205	7826	0.228	7.826
43239	67206	11	<0.001	0.011
43240	67207	158	0.005	0.158
43241	67208	2616	0.076	2.616
43242	67209	<5	<0.001	<0.005
43243	67210	63	0.002	0.063
43244 Check	67210	60	0.002	0.060
43245	67211	719	0.021	0.719
43246	67212	48	0.001	0.048
43247	67213	247	0.007	0.247
43248	67214	771	0.022	0.771
43249	67215	708	0.021	0.708
43250	67216	11431	0.333	11.431
43251	67217	19	<0.001	0.019
43252	67218	78	0.002	0.078
43253	67219	<5	<0.001	<0.005
43254 Check	67219	<5	<0.001	<0.005
43255	67220	166	0.005	0.166

PROCEDURE CODES: AL4Au3

Page 4 of 6

Certified By: 

Derek Demianuk H.B.Sc., Laboratory Manager

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

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

AL903-0288-08/09/2004 12:49 PM

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

Monday, August 09, 2004

Murgor Resources Inc.  
179 Sydenham St., Suite 102  
Kingston, ON, CA  
K7K3M1  
Ph#: (613) 546-7503  
Fax#: (613) 546-7318  
Email atessier@bellnet.ca

Date Received : 27-Jul-04  
Date Completed : 08-Aug-04  
Job # 200440879  
Reference :

Sample #: 122 Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
43256	67221	25	<0.001	0.025
43257	67222	124	0.004	0.124
43258	67251	52	0.002	0.052
43259	67252	344	0.010	0.344
43260	67253	12	<0.001	0.012
43261	67254	<5	<0.001	<0.005
43262	67255	21	<0.001	0.021
43263	67256	<5	<0.001	<0.005
43264 Check	67256	<5	<0.001	<0.005
43265	67257	332	0.010	0.332
43266	67258	7	<0.001	0.007
43267	67259	<5	<0.001	<0.005
43268	67260	<5	<0.001	<0.005
43269	67261	19	<0.001	0.019
43270	67262	9	<0.001	0.009
43271	67263	728	0.021	0.728
43272	67264	46	0.001	0.046
43273	67265	128	0.004	0.128
43274 Check	67265	122	0.004	0.122
43275	67266	1519	0.044	1.519
43276	67267	243775	7.111	243.775
43277	67268	913	0.027	0.913
43278	67269	8612	0.251	8.612

PROCEDURE CODES: AL4Au3

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

Page 5 of 6





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

Monday, August 09, 2004

Murgor Resources Inc.  
179 Sydenham St., Suite 102  
Kingston, ON, CA  
K7K3M1  
Ph#: (613) 546-7503  
Fax#: (613) 546-7318  
Email atessicr@bellnet.ca

Date Received : 27-Jul-04  
Date Completed : 08-Aug-04  
Job # 200440879

Reference :

Sample #: 122      Rock

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
43279	67270	25	<0.001	0.025
43280	67271	25	<0.001	0.025
43281	67735	<5	<0.001	<0.005
43282	67736	44	0.001	0.044
43283	67737	<5	<0.001	<0.005
43284 Check	67737	<5	<0.001	<0.005
43285	67738	77	0.002	0.077
43286	67739	16	<0.001	0.016
43287	67740	116	0.003	0.116
43288	67741	6	<0.001	0.006
43289	67742	<5	<0.001	<0.005
43290	67743	<5	<0.001	<0.005
43291	67744	<5	<0.001	<0.005
43292	67745	902	0.026	0.902
43293	67746	39	0.001	0.039
43294 Check	67746	29	<0.001	0.029
43295	67747	45	0.001	0.045
43296	67748	<5	<0.001	<0.005
43297	67749	55	0.002	0.055
43298	67750	<5	<0.001	<0.005

PROCEDURE CODES: AL4Au3

Certified By:

Derek Demianuk H.Bsc., Laboratory Manager

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

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory



# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada

Téléphone: 604 984 0221 Télécopieur: 604 984 0218

A: MURGOR RESOURCES  
615 RENE LEVESQUE OUEST  
SUITE 1200  
MONTREAL QC H3B 1P5

Page: 1  
Finalisée Date: 12-AUOT-2004  
Compte: MURRES

## CERTIFICAT VO04049625

Projet:

Bon de commande #:

Ce rapport s'applique aux 29 échantillons de roche soumis à notre laboratoire le Val d'Or, Quebec, Canada de 2-AUOT-2004.

Les résultats sont transmis à:

ANDRÉ C. TESSIER

## PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
PUL-31	Pulvérisé à 85 % <75 um
SPL-21	Échant. fractionné - div. riffles
CRU-31	Granulation - 70 % <2 mm
LOG-22	Entrée échantillon - Reçu sans code barre

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS

A: MURGOR RESOURCES  
ATTN: ANDRÉ C. TESSIER  
615 RENE LEVESQUE OUEST  
SUITE 1200  
MONTREAL QC H3B 1P5

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:



# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1 Canada  
Téléphone: 604 984 0221 Télécopieur: 604 984 0218

A: MURGOR RESOURCES  
615 RENE LEVESQUE OUEST  
SUITE 1200  
MONTREAL QC H3B 1P5

Page: 2 - A  
Nombre Total de Pages: 2 (A)  
Finalisée Date: 12-AUOT-2004  
Compte: MURRES

## CERTIFICAT D'ANALYSE VO04049625

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23
		Poids reçu kg 0.02	Au ppm 0.005
87068		0.40	0.248
87069		0.52	<0.005
87070		0.99	0.016
87071		0.57	<0.005
87072		1.07	<0.005
87073		0.97	0.121
87074		1.03	<0.005
87075		0.95	<0.005
87076		0.90	<0.005
87077		1.02	0.005
87257		1.38	0.433
87258		1.02	0.011
87272		1.93	0.008
87273		1.38	0.016
87274		1.08	<0.005
87275		0.69	<0.005
87276		1.03	<0.005
87277		1.15	<0.005
87278		1.28	0.011
87279		0.93	<0.005
87280		1.04	<0.005
87281		1.27	<0.005
87282		1.31	<0.005
87283		1.02	<0.005
87284		1.09	<0.005
87285		1.14	<0.005
87647		0.71	0.119
87648		0.98	<0.005
87649		1.25	0.005



Date: 2004-DEC-30

GEOSCIENCE ASSESSMENT OFFICE  
933 RAMSEY LAKE ROAD, 6th FLOOR  
SUDBURY, ONTARIO  
P3E 6B5

MURGOR RESOURCES INC./RESSOURCES  
MURGOR INC.  
615 BOULEVARD RENE LEVESQUE  
SUITE 1200  
MONTREAL, QUEBEC  
H3B 1P5 CANADA

Tel: (888) 415-9845  
Fax: (877) 670-1555

**Submission Number:** 2.28373  
**Transaction Number(s):** W0450.01383

Dear Sir or Madam

**Subject: Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at [bruce.gates@ndm.gov.on.ca](mailto:bruce.gates@ndm.gov.on.ca) or by phone at (705) 670-5856.

Yours Sincerely,



Ron C. Gashinski  
Senior Manager, Mining Lands Section

**Cc:** Resident Geologist

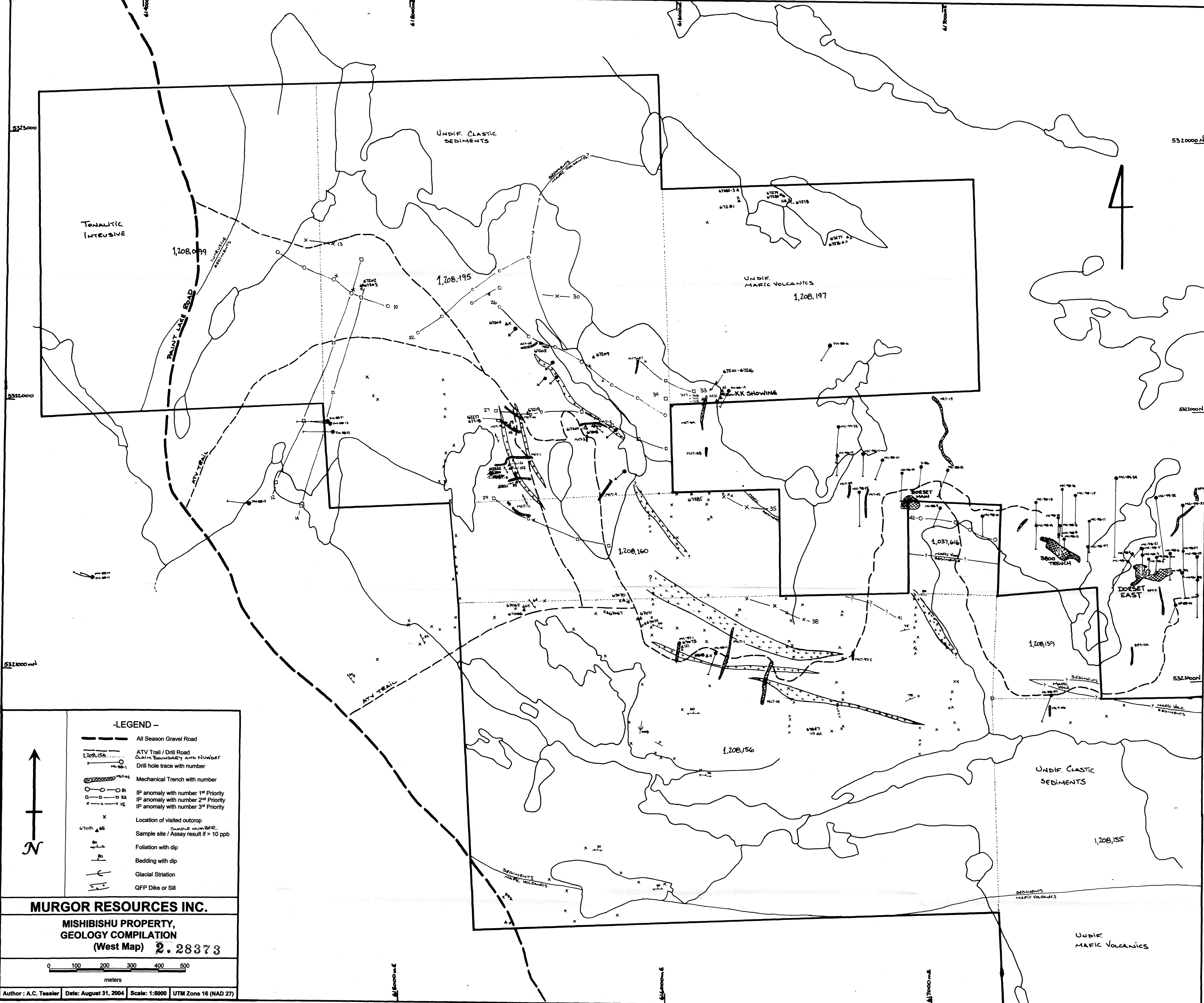
Assessment File Library

Murgor Resources Inc./Ressources Murgor Inc.  
(Claim Holder)

Murgor Resources Inc./Ressources Murgor Inc.  
(Assessment Office)

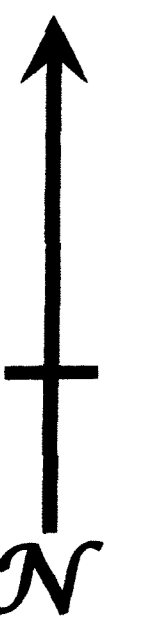
Huntington Exploration Inc./Exploration  
Huntington Inc.  
(Claim Holder)





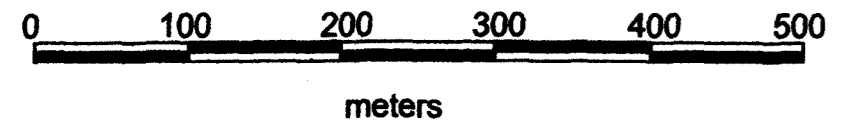
**-LEGEND-**

- All Season Gravel Road
- ATV Trail / Drill Road
- CLAIM BOUNDARY AND NUMBER
- Drill hole trace with number
- Mechanical Trench with number
- IP anomaly with number 1st Priority
- IP anomaly with number 2nd Priority
- IP anomaly with number 3rd Priority
- Location of visited outcrop
- SAMPLE NUMBER  
Sample site / Assay result if > 10 ppb
- Foliation with dip
- Bedding with dip
- Glacial Striation
- QFP Dike or Sill

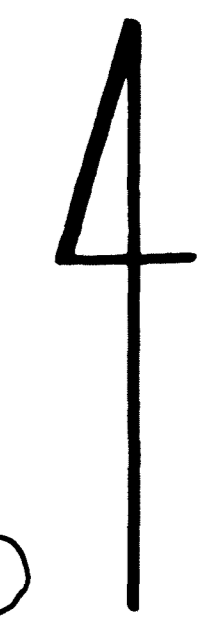


**MURGOR RESOURCES INC.**

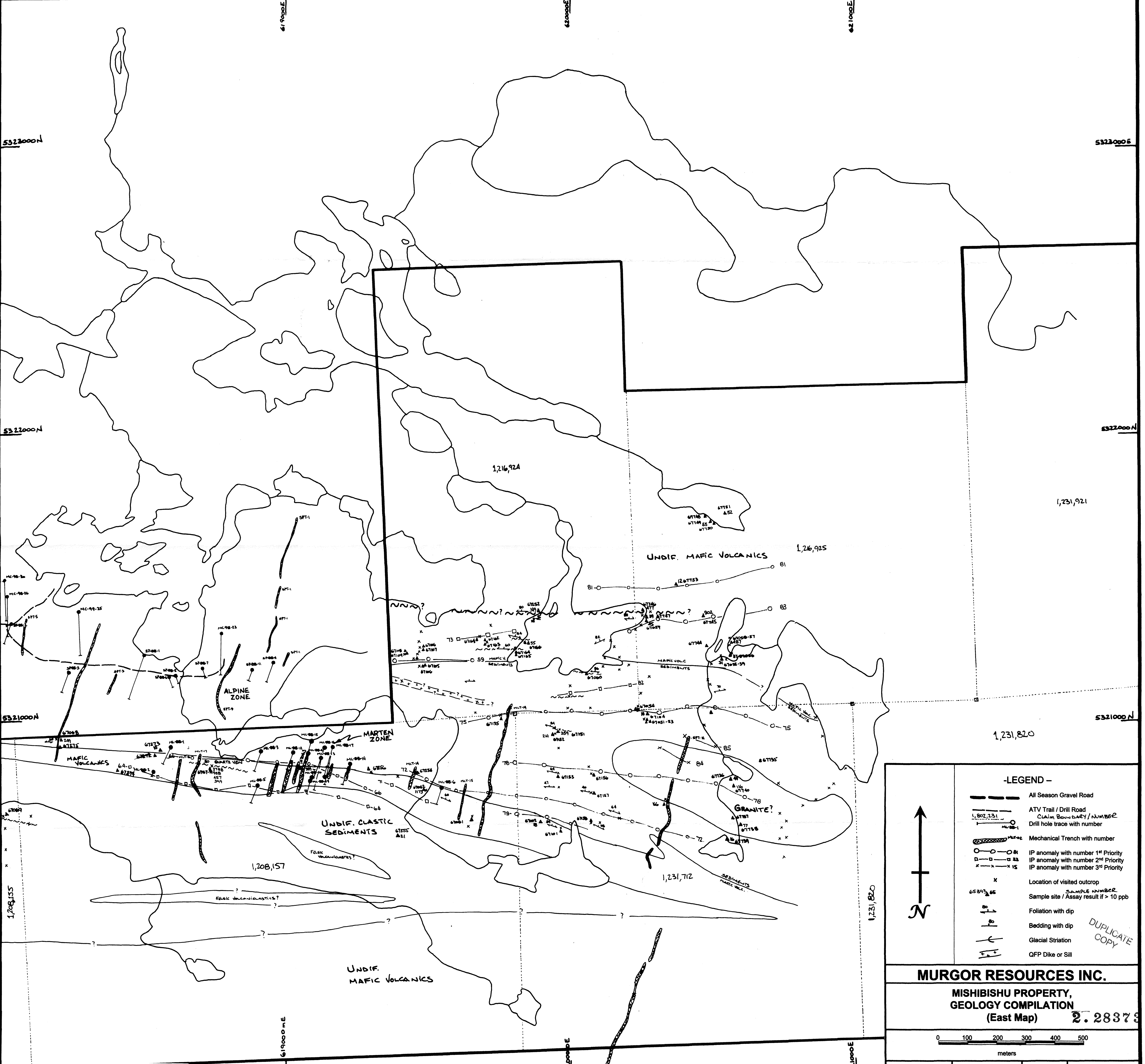
**MISHIBISHU PROPERTY,  
GEOLOGY COMPILATION  
(West Map) 2. 28373**



Author: A.C. Tessier Date: August 31, 2004 Scale: 1:5000 UTM Zone 16 (NAD 27)



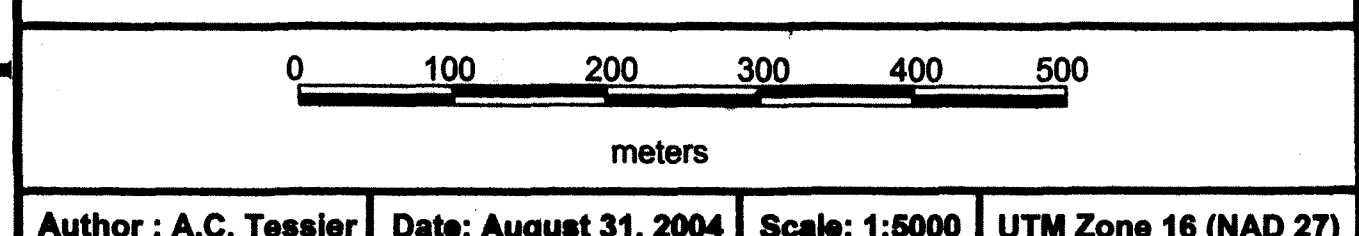
DUPLICATE  
COPY



**-LEGEND-**

- All Season Gravel Road
- ATV Trail / Drill Road
- CLAIM BOUNDARY / NUMBER
- Drill hole trace with number
- Mechanical Trench with number
- IP anomaly with number 1st Priority
- IP anomaly with number 2nd Priority
- IP anomaly with number 3rd Priority
- Location of visited outcrop
- SAMPLE NUMBER  
Sample site / Assay result if > 10 ppb
- Foliation with dip
- Bedding with dip
- Glacial Striation
- QFP Dike or Sill

**MURGOR RESOURCES INC.**  
**MISHIBISHU PROPERTY,**  
**GEOLOGY COMPILATION**  
**(East Map) 2.28373**



Author : A.C. Tessler Date: August 31, 2004 Scale: 1:5000 UTM Zone 16 (NAD 27)

