# **TECHNICAL REPORT**

# THE SLEEPING GIANT MINE, NORTHWESTERN QUEBEC

# PREPARED FOR CADISCOR RESOURCES INC.

1225 Gay-Lussac Street Boucherville, Quebec, Canada, J4B 7K1

# **GENIVAR LP**

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# TABLE OF CONTENTS

SUMMARY (ITEM 3)	5
INTRODUCTION AND TERMS OF REFERENCE (ITEM 4)	8
RELIANCE ON OTHER EXPERTS (ITEM 5)	8
PROPERTY DESCRIPTION AND LOCATION (ITEM 6)	
ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURES AN	۷D
PHYSIOGRAPHY (ITEM 7)	
HISTORY (ITEM 8)	
GEOLOGICAL SETTING (ITEM 9)	
REGIONAL GEOLOGY	
LOCAL GEOLOGY	
PROPERTY GEOLOGY	
DEPOSIT TYPES (ITEM 10)	
MINERALIZATION (ITEM 11)	
EXPLORATION (ITEM 12)	
DRILLLING (ITEM 13)	
SAMPLING METHOD AND APPROACH (ITEM 14)	
Drill Core Sampling	19
SAMPLE PREPARATION, ANALYSES AND SECURITY (ITEM 15)	
Laboratory Procedures	
Review of Core Sampling and Laboratory Results, 2008	
Sample Selection for Check Analyses	
Results of Check Analyses	
Opinion on the Sleeping Giant Sampling and Laboratory Protocols and Resi	
DATA VERIFICATION (ITEM 16)	∠o 20
ADJACENT PROPERTIES (ITEM 17)	
MINERAL PROCESSING AND METALLURGICAL TESTING (ITEM 18)	
MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES (ITEM 19)	
Mineral Resources	
Mineral Resource – Definitions (from CIM)	
Mineral Resource Calculation Methodology	
Capping of Analyses	
Statement of Mineral Resources	
Mineral Reserves	
Mineral Reserve- Definitions (from CIM)	
Factors Used in Estimation of Mineral Reserves	
Statement of Mineral Reserves	
OTHER RELEVANT DATA AND INFORMATION (ITEM 20)	
INTERPRETATIONS AND CONCLUSIONS (ITEM 21)	
RECOMMENDATIONS (ITEM 22)	

DEVELOPMENT P	UIREMENTS FOR TECHNICAL REPORTS ON PROPERTIES AND PRODUCTION PROPERTIES (ITEM 2	,
Mine Infrastructure Mining Operation Mining Method Recoverability Markets Contracts Environmental Contracts Capital and Operation Economic Analyst Payback Mine Life DATE AND SIGNA CERTIFICATES O	rating Cost Estimate sis  TURE PAGE (ITEM 24) Erreur ! Signet non de	45 45 46 46 46 47 47 47 51 51
	List of Figures	
Figure 1 Figure 2 Figure 3 Figure 4 Figure 5 Figure 6 Figure 7 Figure 8 Figure 9 Figure 10 Figure 11 Figure 12: Figure 13 Figure 14	Location Map Regional Geology Map Local Geology Map Mine Geology Analyses of Certified Reference Material MA-1b Analyses of Certified Reference Material OxN49 Analyses of Certified Reference Material OxN51 Recommended values of certified reference materials Initial and repeat analyses of pulps Results of analyses of ¼ cores, coarse rejects and pulps Average values of analyses by Chimitec Estimated Mineral Reserves as a function of gold price Sensitivity of NPV to economic and operations factors Projected cash balance of the planned operations	10 13 14 18 22 22 23 23 24 27 28 43 50 51
	List of Tables	
Table 1 Table 2 Table 3	Summary of Resources and Reserves Summary of check analyses by Chimitec Mill Costs and Recoveries	6 26 30

GENIVAR LP October 2008	Technical Report, The Sleepin	ng Giant Mind Cadiscor Inc
Table 4	Capping values by Zone	34
Table 5	Detailed Mineral Resource Statement	34
Table 6	Minimum mining widths by method	38
Table 7	Mining recovery and dilution	39
Table 8	Fixed and Variable Costs	40
Table 9	Costs per tonne	40
Table 10	Development costs	41
Table 11	Detailed Mineral Reserves Statement	42
Table 12	Summary Statement of Mineral Reserves	43
Table 13	Cash flow for proposed operating period	48
	List of Appendices	
Appendix 1	Claims and licenses forming the property	60
Appendix 2	Certificates of analysis for check samples	61
Appendix 3	Stope sections and calculations for mine planning and cost estimation	g 64

# **SUMMARY** (ITEM 3)

GENIVAR LP has been mandated by Cadiscor Resources Inc. (Cadiscor) to prepare an independent technical report consistent with National Instrument 43-101, Companion Policy NI 43-101CP and form 43-101F1, discussing Cadiscor's Sleeping Giant Mine. This report is being prepared for company corporate purposes.

The Sleeping Giant Property is located at 80 km north of the city of Amos, Quebec and at the junction of the Maizeret, Glandelet, Soissons and Chaste townships. The property covers an area of 3,141 hectares and is composed of four mining leases and 69 mining claims surrounding the mining infrastructures. Cadiscor has an option to acquire 100% interest from IAMGOLD Corporation.

The Sleeping Giant Property is easily accessible via Highway 109, connecting Amos to Matagami, which passes less than 1 km from the mine site

The landscape is relatively flat and lightly timbered. It is limited to the west and south by the Harricana and Coigny Rivers.

Exploration work in the area began in 1957. Several aerial and ground geophysical surveys, as well as some drilling, aiming to search for metals were then carried out. These were followed with an exploration program which was carried out from 1976 to 1982 by Matagami Lake Exploration. With subsequent diamond drilling campaigns (12,900 m), Zone A was discovered.

The Sleeping Giant property is located in the first volcanic cycle of the North Volcanic Zone of the Abitibi sub-province. The location of the Sleeping Giant Mine matches a disturbance in the regional tectonic grain which forms a triple junction emphasized by the three tonalitic polyphase and synvolcanic plutons arrangement (Figure X). This area is affected by major deformation zones E-W and NW-SE. The Joutel mining camp is located at 50 km NW, and the Matagami mining camp is located at 80 km from the Sleeping Giant Mine.

At the deposit scale, the orebody geometry increases in complexity towards the south which corresponds to the paleo-surface. No other Abitibi deposit presents a geological setting similar to the Sleeping Giant Mine. Its origin is thus different in at least some respects from other synorogenic vein type gold mineralization.

Based on historical data and new drilling from underground stations, a calculation of current resources and reserves has been completed for the Sleeping Giant gold mine. This mine is currently operated by IAMGOLD, but has been sold to Cadiscor with transfer of ownership not later than the end of October, 2008.

Calculations were carried out on cross-sections and inclined longitudinal sections generated by Cadiscor. Intersection grade was calculated using orthogonal thickness of the veins following the historical method used at the Sleeping Giant Mine. The resource calculation was done by the polygon method.

Analysis of zones accessible from existing mine workings and new drilling at deeper levels has identified existing and new Mineral Resources. These Mineral Resources have been categorised and are disclosed here:

Table 1 Statement of Resources and Reserves

RESOUR	CES*
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Measured: 177,300 tonnes at 8.7 g/t Indicated: 311,900 tonnes at 10.3 g/t

TOTAL: 489,200 tonnes at 9.7 g/t for 152,743 ounces

# Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability.

Within this geological resource, engineering studies have identified Mineral Reserves accessible from current workings of:

RESERVES\*

 Proven:
 135,300 tonnes
 at 9.3 g/t

 Probable:
 100,000 tonnes
 at 9.4 g/t

TOTAL: 235,300 tonnes at 9.3 g/t for 70,350 ounces recovered

Mineral Reserves as stated can be produced at or below the production cost of \$CDN 850 per troy ounce. With an exchange rate of 1\$US = 1.07 \$CDN, this corresponds to a gold price of 794 \$US per troy ounce.

Reserve estimates are based on historical mine operating costs and gold recoveries at the mine. The estimated cost of each stope has included development costs based on current mine costs and per-shift production.

The identified reserves could generate an operational net profit of \$17.8 million at a gold price of \$850 CDN per ounce. These reserves represent 16 months of future production on the basis of an annual production of 180,000 tonnes that would generate 52,000 recovered gold ounces per year.

<sup>\*</sup> tonnages and grades are rounded to reflect precision of calculations

If all converted to reserves, resources would represent 17 additional months of production at the same mining rate.

Drilling below the current lowest mine level has been very successful. For example, drilling on the 30W Zone extension has outlined an Indicated Resource of 123,000 tonnes at a grade of 13.4 g/t gold. These zones are still open at depth and along strike. Conversion of the deeper Mineral Resources to Mineral Reserves will depend on the results of a detailed study of access to deeper levels through deepening the shaft, and the costs of mining and hoisting the materials.

A financial profile of the proposed operations has been calculated, based on the Mineral Reserves disclosed here and operating costs and recoveries of the actual mining and milling operations at the mine. The principal inputs to this analysis are the planned stopes with their development and mining costs, mill recovery at the historic value of 97 %, an assumed gold price of \$US 800 per ounce and an exchange rate of 1 \$US = 1.07 \$CDN. This analysis, as a base case, returns a positive Net Present Value at a discount rate of 10 % of \$CDN 15.9 million and the projected cash position at the termination of operations is \$CDN 17.8 million.

# INTRODUCTION AND TERMS OF REFERENCE (ITEM 4)

GENIVAR LP has been mandated by Cadiscor Resources Inc. (Cadiscor) to prepare an independent technical report consistent with National Instrument 43-101, Companion Policy NI 43-101CP and Form 43-101F1, discussing the company's Sleeping Giant Mine. This report is being prepared for company corporate purposes.

The writers are employees of GENIVAR LP (Genivar) and have supervised and managed a number of geological reports and studies. Reports of previous work at the Sleeping Giant Mine have been made available to GENIVAR and geological reports and maps prepared by the Ministère de l'Énergie et des Ressources, Québec have also been used in preparing the current report.

Metric units and Canadian dollars (\$CDN) are used throughout this report, unless other units are stipulated.

The effective date of this report is September 19, 2008 with the Sleeping Giant Mine reserve and resource estimates being completed in August 2008.

# **RELIANCE ON OTHER EXPERTS (ITEM 5)**

This report has been prepared by GENIVAR for Cadiscor. The information, conclusions, opinions and estimates contained herein are based on:

- Information available to GENIVAR at the time of preparation of this report.
- Assumptions, conditions and qualifications as set forth in this report.
- Data, reports and opinions supplied by the Client and from public sources.

GENIVAR has relied on reports and opinions from third party sources for the following information:

- Property information provided by the current mine owner and operator (IAMGOLD) to Cadiscor.
- Environmental compliance data and requirements supplied by IAMGOLD to Cadiscor.
- Current and historical costs, productivities and mill recoveries provided by IAMGOLD

Information and opinions expressed in this report are based on the ongoing experience of an operating mine, including real costs, mill recoveries and geological interpretations versus mining experience.

# PROPERTY DESCRIPTION AND LOCATION (ITEM 6)

The Sleeping Giant Property (Figure 1) is located 80 km north of the town of Amos, Quebec and at the junction of Maizeret, Glandelet, Soissons and Chaste Townships. Provincial highway 109, connecting Amos and Matagami is located less than 1 km east of the mine site. The landscape is relatively flat and lightly timbered. It is limited to the west and south by the Harricana and Coigny Rivers. Overburden thickness varies between 15 and 60 m with an average of 30 meters.

The Sleeping Giant Mine property is composed of four mining leases and 69 mining claims surrounding the mining infrastructures (Appendix 1).

IAMGOLD Corporation held 100 % of mineral rights, claims and interest of the Sleeping Giant Mine after acquiring it from Cambior Inc. in November of 2006. In October 2007, Cadiscor Resources Inc. signed an agreement with IAMGOLD in order to acquire mineral rights at the end of the commercial production (originally estimated March 31, 2009) with delivery to Cadiscor currently scheduled for the end of October, 2008.

This property is subject to two royalties. The first one, in favour of Central Asia Goldfield Corporation, is constituted of 2 % on the operational gross margin. The second one of 15 % of incomes is held by Matagami Lake Exploration Ltd. Until this day, no royalties have been paid. In addition IAMGOLD will receive an NSR of 1 % on future production.

# ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURES AND PHYSIOGRAPHY (ITEM 7)

The Sleeping Giant Mine is accessed via provincial highway 109, which connects Amos to Matagami. There are no services or infrastructure in the immediate vicinity of the property. The nearest significant urban centre is Amos, about 80 km south of the property.

The landscape is relatively flat and lightly timbered. It is limited to the west and south by the Harricana and Coigny Rivers. The major forest vegetation consists of Black Spruce.

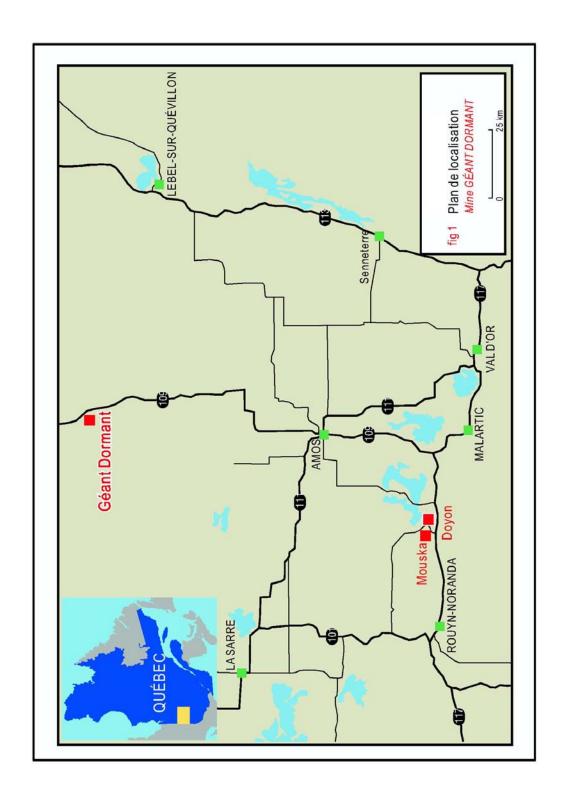


Figure 1 Location Map, the Sleeping Giant property

The climate is typical of north-western Quebec. Weather data for Amos, the nearest reporting centre, show that January is the coldest month with an average maximum of -12 °C and an average minimum of -23 °C, while July is the warmest month with an average maximum of 22 °C and an average minimum of 10 °C. Rainfall is highest in July with 115 mm and snowfall is highest in December with 57cm.

# **HISTORY (ITEM 8)**

In 1957, following the discovery of the Lac Matagami Zn-Cu deposit located approximately 65 km north of the Sleeping Giant Mine, work started in the Sleeping Giant area. Several aerial and ground geophysical surveys, as well as some drilling, searching for base metals were carried out. These were followed with an exploration program which was carried out from 1976 to 1982 by Matagami Lake Exploration. With subsequent regional input surveys that were carried out in the boundaries of the property, anomalies that were detected were systematically verified with ground line cutting, electromagnetic and magnetic surveys and on some occasions induced polarization. With subsequent diamond drilling campaigns (12 900 m), the Zone A was discovered.

In 1983, Peron Gold Mines (now named Aurizon Mines Ltd) acquire 50% interest in the property by carrying out ground geochemistry and geophysical surveys (magnetic and very-low-frequency studies), drilling, as well as the beginning of underground exploration. Between 1984 and 1987, two shafts were sunk and sufficient reserves were delimited to begin development work. The first phase of commercial production occurred between 1988 and 1991, during which 494,000 tonnes at 6.4 g Au/t were extracted from levels 55 to 415. By the end of 1990, Aurizon Mines, then sole owner of the Sleeping Giant Mine, stopped work due to the depletion of reserves.

In 1991, an agreement between Aurizon and Cambior allowed Cambior to acquire 50% interest in the property by investing in drilling and in underground work. With this Cambior became the project manager. Some 13,354 meters of drilling completed between 1991 and 1993 lead to the discovery of four new mineralised veins (20, 30, 40 et JD) as well as the second phase of commercial production which started in 1993 and is still in progress at this date. Major significant facts of this period are: the discovery of lens 2, 3, 4, 5, 6, 7, 8, 9, 16, 18 and 50 as well as the sinking of the shaft in two phases, that is to say level 485 to 785 in 1995 and level 785 to 975 in 2003. By the end of 2007, the second commercial production phase had seen a total of 868,000 ounces of gold extracted from 2 476 100 tonnes of ore at an average grade of 11.2 Au g/t.

Since November 2006, IAMGOLD is the sole owner of the Sleeping Giant property following the acquisition of all CAMBIOR's assets.

# **GEOLOGICAL SETTING (ITEM 9)**

#### REGIONAL GEOLOGY

The Sleeping Giant property is located in the first volcanic cycle of the North Volcanic Zone of the Abitibi sub-province. The location of the Sleeping Giant Mine matches a disturbance of the regional tectonic grain which forms a triple junction emphasized by the three tonalitic polyphase and synvolcanic plutons arrangement (Figure 2). This area is affected by major deformation zones E-W and NW-SE. The Joutel mining camp is located at 50 km NW, and the Matagami mining camp is located at 65 km from the Sleeping Giant.

#### LOCAL GEOLOGY

The mine geology is composed of a volcanic and sedimentary sequence intruded by a felsic complex and post-mineralization dykes. The volcano-sedimentary rocks from a homoclinal sequence striking East-West with a steep southern dip (Figure 3).

As for the deposit geometry, the economic gold zones are restricted to the volcano-sedimentary sequence located north and south of the central dacitic intrusion.

The Sleeping Giant Mine gold ore is contained in sulphide bearing quartz veins. At the mine scale, the mineralized zones are spatially distributed inside 1 sq km surface to the north; the veins strike east-west with a steep southern dip of between 65 and 75 degrees. They are characterized by a vertical continuity of over 700 meters and a lateral continuity between 100 and 200 meters. To the south, a complex system made of four family of veins show a gradual change of the strike and connections with other veins at different attitudes. These veins are less continuous and extensive than those at the north. Their sizes vary between 50 to 100 meters laterally and less than 200 meters vertically.

#### **PROPERTY GEOLOGY**

All data related to drilling which were compiled since 2002 allowed increasing several aspects of the knowledge related to the Sleeping Giant Mine geological context.

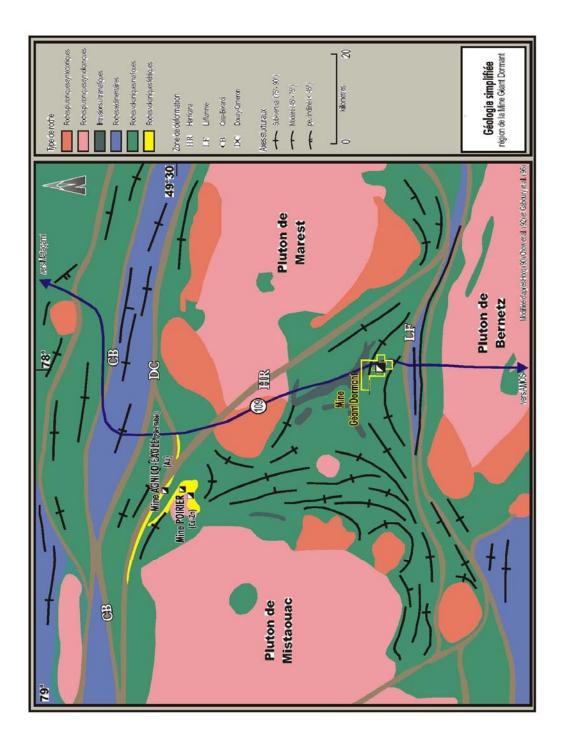


Figure 2 Sleeping Giant property setting in terms of regional geology

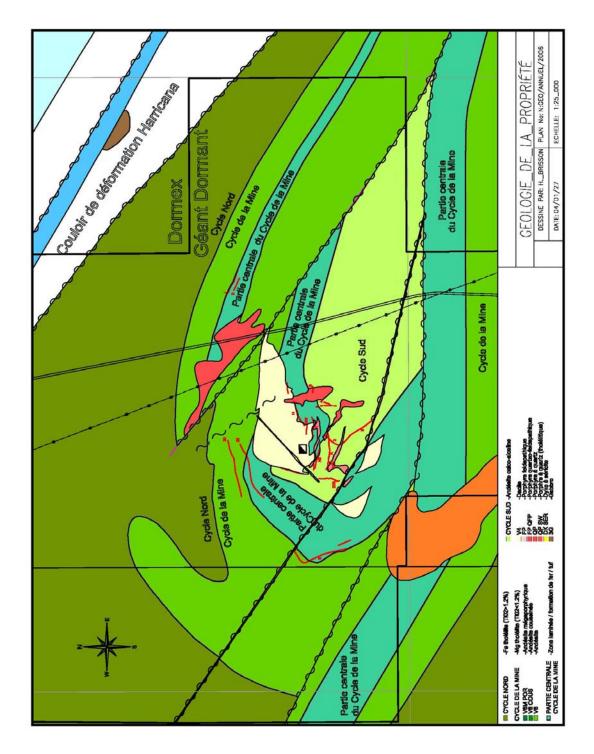


Figure 3 Local geology of the Sleeping Giant property

The new characterizations of volcanic rocks of this sector identify two local-scale volcanic cycles (the North Cycle and the mine Cycle) in relation with an important intrusive complex.

At the base of the stratigraphic sequence is the North Cycle (north western part of the property), which contains mostly high-iron tholeiitic basalts and comagmatic gabbro sills. These tholeiites are easily distinguished from the tholeiites from the Mine Cycle due to their high TiO<sub>2</sub> content (>1.2%).

Stratigraphically above and lying in the same pattern as the North Cycle, the Mine Cycle represents the dominant host unit of the Sleeping Giant Mine. This Cycle mainly contains high-magnesium tholeitic basalts and comagmatic gabbro sills. Some bedded deposits composed of fine clastic sediments; tuffs and ironformation (with magnetite) are interbedded in the sequence. These sedimentary and volcaniclastic rocks define important units in the central part of the Mine Cycle.

The Mine Cycle stratigraphic sequence is cut by an important group of intrusive rocks of felsic to intermediate composition of calc-aclkailne afffinity which constitute the Sleeping Giant Complex. This intrusive complex is contemporary with the volcanic rocks. It includes a dominant dacitic mass, several smaller dacitic masses and a multitude of porphyric felsic dykes. Four major phases are recognized in the magmatic evolution of this complex:

- 1. dacite with mafic phenocrysts (chlorite mottles);
- 2. dacite with feldspar and feldspar + mafic phenocrysts;
- 3. porphyry with quartz + feldspar phenocrysts (locally with granitic texture);
- 4. quartz porphyry.

The main dacitic mass occupies the central part of the mine and may reach up to 400 meters of thickness. Later intrusive phases (present as dykes) cut at a high angle (NW-SE to WNW-ESE) all the volcano-sedimentary sequence as well as the main dacitic mass. These dykes have various thicknesses (cm to m) and the largest examples are locally polyphase.

The most recent surveys show a more important volume of dacitic rock through the southwest (base of the Mine Cycle) in the lowest levels. This suggests that the dacitic mass is following the stratigraphy and therefore the center of the intrusive system could be lowered as the stratigraphic sequence going deeper.

Some post-mineralization tholeiitic dykes are observed in the mine. These dykes predate the main deformation. Most of them run along gold veins and might constitute markers in order to find the extensional gold bearing structures.

A quartz porphyry (sector SW) and a sericite dyke (oriented NE-SW) represent late felsic intrusions according to the main deformation. These intrusions are geochemically similar and are distinguished from those of the Sleeping Giant Complex by their low concentrations of MgO and TiO<sub>2</sub> and their ratio of Zr/Y (<5).

Finally, a lamprophyre dyke with hornblende phenocrysts (the mine gabbro) 5 to 25 meters thick, running NW-SE with a shallow dip going NE crosses the entire mine. This is a late dyke later than the main deformation. Several small dykes of the same type are observed at several locations in the supporting structure.

Recent data show that the mine area is the site of a tight fold dipping east with its axial surface sub-vertical and oriented ENE-WSW. Beds which are oriented ESE-WSW with a steep slope going south in the north area of the mine, pass N-S with a moderate slope going east in the south sector and come back at ESE to WSW in the south sector. Due to polarities, this is a syncline structure. More precise information shows this is a coffer style hinge line. Overall, the fold's dip is moderate going east, but information suggests that it has a steeper slope in the deepest levels.

Some faults oriented NW-SE show another important structural aspect of the mine sector. Two categories of fault NW-SE are distinguished in the mine environment: ductile dextral structures (sector SW) and brittle sinistral faults (sector NE). Both fault categories are late according to the upthrust and they displace the gold zones. In the SW sector of the mine, recent drilling showed the presence of an important NW-SE ductile, dextral fault (with a large zone of schistose rocks). This fault would have a dip of about 70° NE direction and a dextral horizontal throw of about 2 km. Characteristics suggest that this fault belongs to the NW-SE right-slip fault family which is recognized at the scale of the entire Abitibi sub-province. In the south fault wall of this fault, favourable lithologies of the Mine Cycle can be found in which no economic mineralization was known until recently. In the NE sector of the mine, an important NW-SE brittle, sinistral fault has been identified. The fault has a dip of about 65° going NE and a left horizontal throw in the order of 500 to 1 000 meters. In the same family, some NW-SE faults can be found and which support the main dacitic mass and a NW-SE fault associated to the main lamprophyre dyke. Running along the side of the dyke, this one is slightly inclined NE and has a net slip of about 100 meters.

# **DEPOSIT TYPES (ITEM 10)**

The Sleeping Giant deposit is a member of the type of gold deposits formed by groups of veins with gold associated with sulphide minerals and whose geometry was controlled by the stress field in the rocks at the time of vein formation.

# **MINERALIZATION (ITEM 11)**

The Sleeping Giant is a quartz-sulphide vein type gold deposit. The best-mineralised veins typically contain four sulphide minerals: pyrite, pyrrhotite, chalcopyrite and sphalerite, which form 5 to 60% of the veins. The typical vein thickness is between 20 and 80 cm with average grade between 35 and 85 Au g/t (uncut channel sample analyses). Besides gold, the veins contain silver and a small proportion of copper and zinc. The ratio Au : Ag is about 1 : 2. Zones 20 and 30 have a lateral/vertical continuity of 300 / 670 meters, that is to say a much more important vertical continuity than a lateral one. In zone 8, the lateral/vertical continuities are over 600 / 500 meters.

In new extensions of the multi-vein gold system, no change was observed in the nature of veins, i.e. no improvement related to tonnes and grades. Therefore, it is considered that future exploration in the extensions of the mineralized system is likely to show veins of the same type, tonnes and grades than those found up until now.

The economic veins are grouped in the Mine Cycle rocks and in North Cycle rocks surrounding the main intrusive mass of the Sleeping Giant complex (Figure 4). Lithologies and stratigraphic units affect the style and geometric characteristics of the ore structures, therefore on ore quality.

Controls of gold-bearing structures correspond to permeability zones in the supporting structure such as: faults, lithological contacts, joints, specific lithologies. Gold veins are usually oblique compared to bedding. Most of the veins are found in faults. Geological markers show that movements caused by these faults are limited, in the order of meters.

A zone's structural type and characteristics may change according to the lithologic environment. For example, zone 8 passes through a mixed environment including laminar units in its upper part to a more homogeneous environment in its lower part. This style change comes with a dip change in the ore structure.

Important veins seem associated with swarms of porphyry dykes. For example, zones 20, 30 and 8 are transversal structures to a series of sericitized quartz porphyry dykes.

Gold vein emplacement occurred before the regional deformation and the stratigraphic orientation change in the west sector affects the ore zones orientations. Veins bend in connection with stratigraphy. ENE - ESE veins usually have a steep dip to the south even though NW NE veins have a moderate dip to the east.

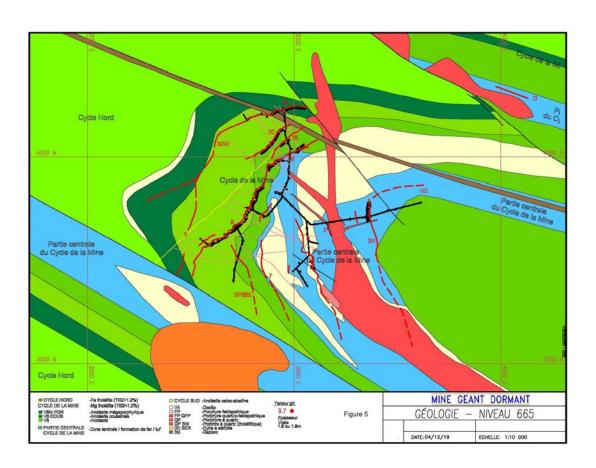


Figure 4 Sleeping Giant mine geology, plan view, level 655

Ore veins occur mainly to the north, south and west of the main dacitic mass. The image is then an ore crescent on the west perimeter of the Sleeping Giant intrusive system. Veins in this crescent show a certain periodicity. Therefore, moving away from the intrusive center, a recurring spacing between ore structures is shown.

With regard to spatial distribution of this vein-type system, several veins occur at the level of the fold hinge line. Since veins were in place before the folding, it is considered this abundance shows the fact that this hinge line is a site of favourable preservation, in contrast to the limb where veins might have been boudinaged. The hinge line then appears as a significant target where well-preserved ore veins can be found.

### **EXPLORATION (ITEM 12)**

In 2007 and 2008, Cadiscor completed 90 underground drill holes for a total of 18 669 meters. These drill holes were completed with the objective of verifying the economic potential of veins below the current mine workings and of increasing knowledge of selected areas which had not been mined in the past even though gold-bearing veins had been defined there.

# **DRILLLING (ITEM 13)**

Drilling for purposes of the present report includes drill holes completed by the mine operations in stopes or areas which were subsequently not mined, as well as new drilling by Cadiscor in their exploration program. In all cases, drilling was from underground stations by standard methods with most drill core of BQ size. Core boxes were closed at the drill station and transported to the core logging facility on surface for core description and sampling.

# **SAMPLING METHOD AND APPROACH (ITEM 14)**

# **Drill Core Sampling**

The core samples chosen for the analysis must be at least 50 cm long even if the ore zone is shorter. The maximum length of a sample is limited to 1 meter. Sampling of core is defined with the possibility that the observed mineralized zone (typically a vein in this situation) contains gold. During the operational phase of the mine, the entire core was sent to the laboratory. This practice, although unusual from an exploration point of view, is justified in a production setting where mineralised zones are recognised and followed over periods of months or years and the professional personnel control the drilling and geological programs over extended periods of time.

Drill core samples taken from the exploration holes are split and one-half of the core is retained. Samples are split from drill core using a hydraulic splitter which is standard in the industry.

# SAMPLE PREPARATION, ANALYSES AND SECURITY (ITEM 15)

#### Laboratory Procedures

All samples were analyzed at the laboratory located at the mine site. The analytical method was fire assay with an atomic absorption finish. This method has a lower detection limit of 0.03 g/t Au. Samples returning a high gold concentration are reanalysed following dilution. To simplify calculations, results are typically reported to one decimal place.

Sample reception and preparation follow industry standards. The objective of the drying, crushing, quartering and pulverisation steps is to produce a rock sample of approximately 500 grams with 70 % passing 200 mesh. This sample preparation allows adequate homogeneity for reproducible results. A powdered sample of 15 grams (approximately ½ assay-tonne) is used for the gold analysis. This amount of sample is less than typical in exploration programs, but adequate when a larger number of samples will be used to define a stope for eventual mining.

Considering the number of potential sources of errors in any sampling and laboratory program, the Sleeping Giant geology department and laboratory established a QA/QC program. This program consisted of 1) the use of a check laboratory in order to verify the precision of the results (splits of the pulps), 2) insertion of blanks in order to control contamination errors, 3) continuous insertion of drill core pulps and tailings (re-numbered) in order to evaluate the reproducibility and finally 4) insertion of certified reference material samples.

Analysis laboratories must give reliable analytical results. It is important they show they have the required expertise to manage and execute analyses consistently. The Sleeping Giant laboratory has a control system and quality control program that has continuously demonstrated acceptable results. The Sleeping Giant laboratory QA/QC program includes:

- Insertion of blanks with the samples
- Insertion of a number of standard reference materials prepared by other laboratories and certified to a given gold value with a stated precision
- One of the standards (MA-1b) comes from CANMET; it is certified with a grade of 17.0 g/t Au with a precision of ± 0.3 Au g/t.
- Two other external standards were used during the year and are certified by Rocklab: OxN49 with a grade of 7.635 ± 0.080 g/t; and OxL51 with a grade of 5.850 ± 0.051 g/t. Some submissions of OxN49 were apparently submitted with the number OxL49. Analytical results, as populations, are not distinguished for these two groups.

- Standards must return values within the Sleeping Giant laboratory average value ± two standard deviations for the included certified reference material for a given batch to be accepted.
- Series of samples which do not comply with the standards are reanalysed
- Blanks are inserted by the mine geology department in a regular but random manner in order to verify potential contamination and sample handling errors.
- A randomly chosen sample is reanalyzed (1 for approximately every 23 analyses).
- On a daily basis, granulometric controls were completed on pulps to verify the grinding and pulverisation protocol.
- On a monthly basis, a batch of 10 pulps is sent to two other laboratories (Doyon Mine and the Bourlamaque laboratory) to cross-check the results.

During the analytical program for Cadiscor, certified reference materials were submitted as unknowns on a daily basis. These submissions were from within the mine laboratory.

CANMET standard MA-1b was introduced on 103 occasions during the period (Figure 5). The average of these analyses was 16.75 g/t Au with a standard deviation of 0.493 g/t Au. On 4 occasions (4 % of the cases), results exceeded the average analysis ± 2 times the standard deviation.

Rocklabs OxN49 standard was introduced on 463 occasions (Figure 6). The average result obtained was 7.36 g/t Au with a standard deviation of 0.24 g/t Au. In 21 cases (5 % of the results), the results exceeded the average analysis grade ± 2 times the standard deviation.

Rocklabs OxL51 standard was introduced for 46 analyses (Figure 7). The obtained average was 5.66 Au g/t with a standard deviation of  $\pm$  0,29 Au g/t. On 4 occasions, the results exceeded the average analysis grade  $\pm$  2 times the standard deviation, which represents 9 % of the results.

A comparison of average values reported by the Sleeping Giant laboratory versus the recommended values for certified reference materials is presented in Figure 8. Although there are few certified reference materials in the QA/QC program, the results show that there is excellent agreement between the reported results and recommended values.

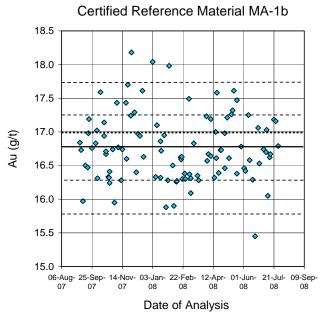


Figure 5: Analyses of Certified Reference Material MA-1b versus date of analysis. The heavy solid line is the average of these analyses; the dashed lines are ± 1 and 2 standard deviations from the average. The dotted line is the recommended value of the material.

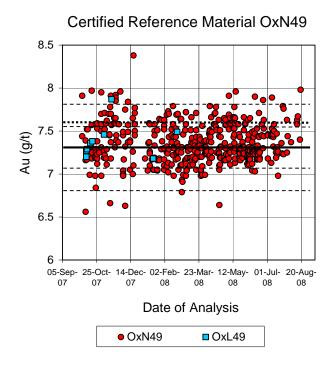


Figure 6: Analyses of Certified Reference Material OxN49 (Rocklabs) versus date of analysis. The heavy solid line is the average of these analyses; the dashed lines are  $\pm$  1 and 2 standard deviations from the average. The dotted line is the recommended value of the material.

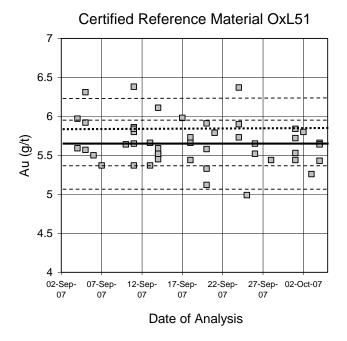


Figure 7: Analyses of Certified Reference Material OxN51 versus date of analysis. The heavy solid line is the average of these analyses; the dashed lines are  $\pm$  1 and 2 standard deviations from the average. The dotted line is the recommended value of the material.

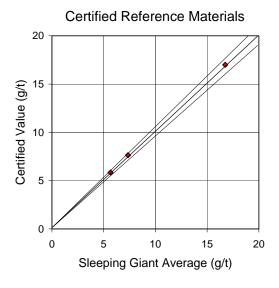


Figure 8: Recommended values of certified reference materials versus averages of analyses from the Sleeping Giant laboratory. The central line of the graph is the 1:1 correspondence; the two lighter lines are  $\pm$  5 % of this value.

Systematic repeat analyses of pulps were carried out in the laboratory throughout the analytical program for Cadiscor. The results were made available for the present study and are presented graphically in figure 9a and 9b, where the correlation between the first and second analyses is seen to be acceptable and within typical industry standards.

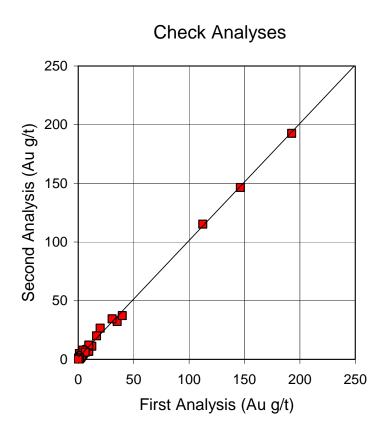


Figure 9a: Initial and repeat analyses of pulps from the Sleeping Giant laboratory (all results). The diagonal line represents the 1:1 correspondence.

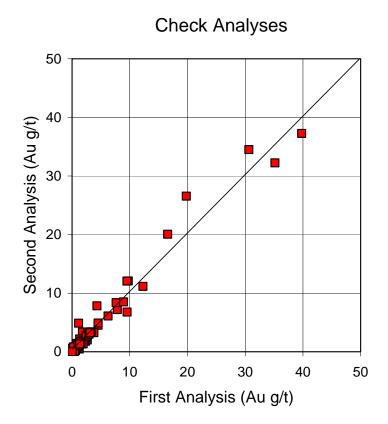


Figure 9b: Initial and repeat analyses of pulps from the Sleeping Giant laboratory, detail of results from 0 to 50 g/t Au. The diagonal line represents the 1:1 correspondence.

# Review of Core Sampling and Laboratory Results, 2008

A mine visit was carried out by Tyson Birkett, Eng. Ph.D. on August 12, 2008 as a due diligence study of the drill core handling, logging and sampling, and the mine laboratory procedures.

Core handling, logging and sampling are generally to industry standards. Core logging is carried out in a dedicated facility with logging tables, water for wetting the core and adequate lighting. Core is delivered from the underground drills in closed boxes transported on pallets and opened at the core logging facility. Logging is carried out using a computerised system which captures data directly (no transcription). Core boxes are measured and marked with embossed aluminum tags.

Samples for analysis are marked directly on the core with a wax marker and a sample tag placed at the beginning of each sample interval. No sample tag is fixed by a staple to the core box, so no physical record is available of where samples start. Core is split in a separate room in the core logging facility, material placed directly from the tray in the core splitter into a sample bag with the sample tag the geologist placed at the beginning of the interval.

### Sample Selection for Check Analyses

Six base samples were selected from available materials, and ½ cores, coarse rejects and pulps were obtained from all or some of these materials. A total of 15 samples were submitted to ALS-Chimitec of Val-d'Or, Quebec, for analyses for Au. Samples are detailed in Table BBB and included ½ cores, coarse rejects and pulps for a series of samples covering the typical range of ore-grade materials (approximately 1 to 40 g/t Au).

### Results of Check Analyses

Analytical results are listed in Table 2 and certificates of analysis are presented in Appendix 2.

Table 2: Summary of check analyses in g/t Au by Chimitec (Val-d'Or)

			original	Sleeping	g Giant	t Chimitec 2008 analyses							
DDH	start	end	sample	1/2	lab	1/4	lab	Coarse	lab	nuln	lab	pulp2	lab
	r	n	number	core	dup.	core	dup.	rejects	dup.	pulp	dup.	pulpz	dup.
					(pulp)								
97-108	195.60	196.60	342276	17.6		13.35	15.35	18.0	17.55	17.65			
97-108	196.60	197.30	342277	23.4				19.0	17.8	24.3	24.7		
97-110	260.70	261.70	343491	8.9		8.76	7.23	8.53	8.46				
97-91	14.30	14.90	341699	5.2		0.62		4.66	3.92	6.13	5.69		
97-92	19.20	20.00	341627	1.3	1.1			0.79		1.30			
97-93	12.20	12.90	341614	40.0	41.8			33.9	39.5	33.1	37.9	40.7	38.8

Overall, results of check analyses agree well with original values from the Sleeping Giant laboratory. As presented visually in Figure 10, there is an excellent correlation between the original and check results, with the pulp analyses, as expected, showing the best agreement. Results of ¼ cores and coarse rejects show the effects of a larger nugget effect and associated difficulties of subsampling than the pulps. Average values for the check analyses

versus the original values (Figure 11) show an excellent correlation with no significant bias evident.

## Sleeping Giant check analyses

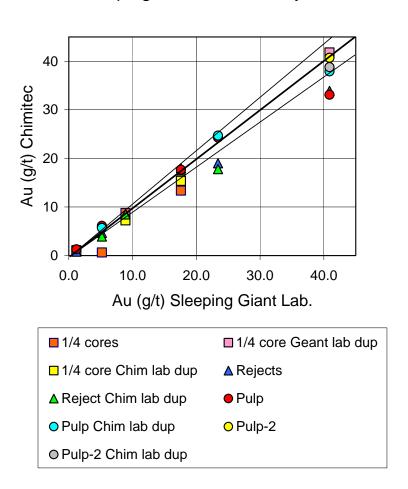


Figure 10: Results of analyses of  $\frac{1}{4}$  cores, coarse rejects and pulps carried out by Chimitec (Val-d'Or) versus the original analyses by the Sleeping Giant Laboratory. The heavy line is the 1:1 correspondence, and the two light lines are  $\pm$  5% relative.

# Sleeping Giant Check Analyses

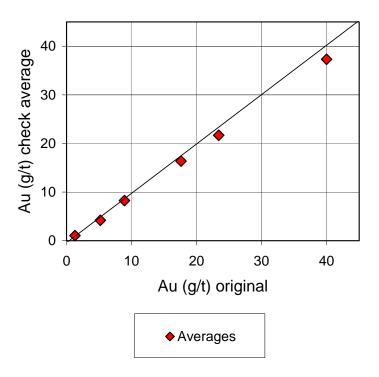


Figure 11: Average values of analyses by Chimitec (Val-d'Or) versus original analyses by the Sleeping Giant laboratory.

# Opinion on the Sleeping Giant Sampling and Laboratory Protocols and Results

After a review of methods and internal checks and a series of check analyses in an external laboratory, it is the opinion of the author, Tyson C. Birkett, Eng. PhD that core handling, sampling, sample security and analysis at the Sleeping Giant Mine meet current industry standards and are adequate to support estimates of Mineral Resources and Mineral Reserves.

# **DATA VERIFICATION (ITEM 16)**

The technical information which forms the basis of this report was acquired by personnel of the Sleeping Giant mine either in their capacity as employees at the mine or in a subsequent capacity as employees of Cadiscor. There was thus continuity in personnel and in accumulated knowledge of the mine which has benefited the current study. Since most of the new resources are extensions of existing veins and existing stopes, the geometries of the mineralised zones are well-constrained and detailed verification of such data has been minimal.

Verification of new drilling has been limited to examination of some drill logs and analytical results. The new drilling leading to estimates of Mineral Resources at depth below the current mine workings has followed known veins to greater depth with demonstration of geometric continuity. Since this information is rooted in the existing mine data, it has been verified through examination of plans and sections for geological coherence.

# **ADJACENT PROPERTIES (ITEM 17)**

This report is limited to the Sleeping Giant mine and no relationship with adjacent properties is considered herein.

# MINERAL PROCESSING AND METALLURGICAL TESTING (ITEM 18)

In 1993, the Sleeping Giant's milling facility was restarted using the Merill-Crowe process. The recovery rate slightly increased in the following years, while costs decreased. In 1998, the material used for the Merill-Crowe process was so deteriorated that the milling process was questioned. Once a study was completed, it was decided to modify the milling facility in order to use the CIL process (carbon in leach). This process allowed, in the first months of its use, a recovery increase with the reduction of the liquid tailings and in a short period of time reduction global milling and processing costs. With this system, fresh water demand and water quantity which needs to be treated are reduced. Mill costs and recoveries are presented in Table 3.

Table 3: Mill costs and recoveries at the Sleeping Giant Mine from 1995 to 2007 by calendar year. Costs are in \$CDN

Year	Recovery
1995	96,4%
1996	96,4%
1997	96,6%
1998	96,4%
1999	94,4%
2000	98,4%
2001	96,7%
2002	97,0%
2003	97,1%
2004	97,1%
2005	96,9%
2006	97,2%
2007	97,4%

Cost/tonne	Cost/ounce
25,53	66,18
25,18	65,12
22,80	68,12
18,85	50,65
19,44	54,37
17,15	48,67
18,65	62,51
19,60	60,12
21,35	56,58
19,82	57,05
21,76	65,73
22,15	64,37
19,06	48,61

The Sleeping Giant mill has a nameplate capacity of 900 tons per day and recently has been operating at approximately 800 tons per day. Thus the mill capacity is adequate for the planned production over the 19-month operating period envisaged in this report.

# MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES (ITEM 19)

#### Mineral Resources

Mineral resources are volumes of rock of economic potential, defined by geological or minimum-mining-width parameters, to which an estimated grade is attached. Mineral resources as defined by current CIM criteria are assigned to one of three classes, Measured, Indicated, or Inferred. The level of geological and engineering information combined with observations and assumptions of geometrical continuity serve to assign the class to each rock volume.

In the present study, Measured Resources are defined as those where an underground opening in the mine provides access and sampling top the volume under question. Indicated Resources are those defined by drilling. The distances over which drill hole data have been projected, combined with knowledge of the mine and its mineralised zones, allow the classification of these volumes of rock as Indicated Resources. There are no Inferred Resources considered in this report.

#### **Mineral Resource – Definitions (from CIM)**

Mineral Resources are sub-divided, in order of increasing geological confidence, into Inferred, Indicated and Measured categories. An Inferred Mineral Resource has a lower level of confidence than that applied to an Indicated Mineral Resource. An Indicated Mineral Resource has a higher level of confidence than an Inferred Mineral Resource but has a lower level of confidence than a Measured Mineral Resource.

A Mineral Resource is a concentration or occurrence of natural, solid, inorganic or fossilized organic material in or on the Earth's crust in such form and quantity and of such a grade or quality that it has reasonable prospects for economic extraction. The location, quantity, grade, geological characteristics and continuity of a Mineral Resource are known, estimated or interpreted from specific geological evidence and knowledge.

The term Mineral Resource covers mineralization and natural material of intrinsic economic interest which has been identified and estimated through exploration and sampling and within which Mineral Reserves may subsequently be defined by the consideration and application of technical, economic, legal, environmental, socio-economic and governmental factors. The phrase 'reasonable prospects for economic extraction' implies a judgment by the Qualified Person in respect of the technical and economic factors likely to influence the prospect of economic extraction. A Mineral Resource is an inventory of mineralization that under realistically assumed and justifiable technical and economic conditions, might become economically extractable. The assumptions must be presented explicitly in Reports.

#### Inferred Mineral Resource

An 'Inferred Mineral Resource' is that part of a Mineral Resource for which quantity and grade or quality can be estimated on the basis of geological evidence and limited sampling and reasonably assumed, but not verified, geological and grade continuity. The estimate is based on limited information and sampling gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes.

Due to the uncertainty which may attach to Inferred Mineral Resources, it cannot be assumed that all or any part of an Inferred Mineral Resource will be upgraded to an Indicated Mineral Resource as a result of continued exploration. Confidence in the estimate is insufficient to allow the meaningful application of technical and economic parameters or to enable an evaluation of economic viability worthy of public disclosure. Inferred Mineral Resources must be excluded from estimates forming the basis of feasibility or other economic studies.

#### Indicated Mineral Resource

An 'Indicated Mineral Resource' is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics, can be estimated with a level of confidence sufficient to allow the appropriate application of technical and economic parameters, to support mine planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration and testing

information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough for geological and grade continuity to be reasonably assumed.

Mineralization may be classified as an Indicated Mineral Resource by the Qualified Person when the nature, quality, quantity and distribution of data are such as to allow confident interpretation of the geological framework and to reasonably assume the continuity of mineralization. The Qualified Person must recognize the importance of the Indicated Mineral Resource category to the advancement of the feasibility of the project. An Indicated Mineral Resource estimate is of sufficient quality to support a Preliminary Feasibility Study which can serve as the basis for major development decisions.

#### Measured Mineral Resource

A 'Measured Mineral Resource' is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics, are so well established that they can be estimated with confidence sufficient to allow the appropriate application of technical and economic parameters, to support production planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes that are spaced closely enough to confirm both geological and grade continuity.

Mineralization of other natural material of economic interest may be classified as a Measured Mineral Resource by the Qualified Person when the nature, quality, quantity and distribution of data are such that the tonnage and grade of the mineralization can be estimated to within close limits and that variations from this estimated would not significantly affect potential economic viability. This category requires a high level of confidence in, and understanding of, the geology and controls of the mineral deposit.

### **Mineral Resource Calculation Methodology**

Mineral resources were calculated using the polygon method on inclined longitudinal sections generated by Cadiscor. This methodology has been used historically in the Sleeping Giant Mine and has been shown to yield reliable results through conciliation of estimates with production for stopes throughout the mine operations. Geological interpretations were based on core logging using the same criteria and know-how that allowed the mine to operate successfully for some 20 years. Intersection grade was calculated using orthogonal thickness of the veins following the historical method used at the Sleeping Giant Mine.

### **Capping of Analyses**

The philosophy of capping (or cutting) analyses to some maximum upper value comes from historical observations in mining operations. It has been observed that unusually elevated analyses for gold (or other elements present in trace or in minor amounts) in some situations cannot be reliably repeated and are not reflected in mined grades from

the sampled volume of rock. These analyses are considered anomalous outliers in the data set for the situation under study.

Anomalous outliers in a population of analyses can result from inadequate sampling, from the effects of sampling statistics, or from lack of accuracy in laboratory measurements — often the exact cause cannot be determined. Without further consideration of the cause of outliers, the remedy is to reduce the analysis values, for computational purposes, to a value which is considered likely to represent the rock unit or volume in question. In many cases a convenient number is chosen (e.g. 20 g/t), but more sophisticated methods can be applied, such as the mean plus 2 standard deviations for the geological unit sampled, or a limit defined by a break-in-slope on probability diagrams.

Because estimates of mineral resources are expected to be conservative, a parallel system for increasing the grade of anomalously low analyses is not used.

Capping analyses in mineral deposit resource evaluation is an important subject. First, the precision of the estimate is affected by outlying values, and second the actual estimated value for the overall deposit can be unduly inflated by a relatively small number of high-grade analytical results.

Some estimation methods, through their mathematical approach, naturally reduce the effect of isolated anomalously elevated values (e.g. kriging).

While there seems to be no hard-and-fast rule for capping analyses, the decision to apply an upper limit is generally based on two types of considerations. First is the question of whether the analysis in question is a part of a continuous population or an anomalous outlier which does not accurately reflect an underlying population. Second is the geographic distribution of the analysis in question – is it isolated or is it part of a higher-grade zone within a deposit.

The most common method of justifying a decision to cap analyses in a deposit, and a technique to establish the capping value, is based on a cumulative frequency diagram of analyses, either as raw data or as composites at a scale appropriate to the zones under study. Various portions of the deposit are represented by sub-populations on such diagrams – low-grade materials surrounding the mineralized zones on the one hand, and the mineralised zones themselves on the other. These populations are typically separated by changes in slope on a cumulative frequency diagram. A change-in-slope at the upper extremity of the mineralised population on this type of diagram is generally taken to indicate the presence of anomalous samples where capping may be required. Other, similar, approaches include using a diagram of the cumulative coefficient of variation or a diagram of the cumulative mean. In all cases, due consideration of the natural zones within a mineral deposit must be integrated into the analysis.

Grade capping at the Sleeping Giant Mine was carried out on a vein-by-vein basis using factors developed by the mine operations and shown to produce useful grade estimates. In terms of a statistical approach, values are cut at 85 to 90 % of the cumulative frequency population.

Capping values used in the mine planning operations and adopted here are reported in Table 4.

Table 4: Capping values by Zone, Sleeping Giant Mine

Zone	Capping	y Value
	Drilling	Channel samples
3	60	180
8	70 to 90	70 to 100
20		120
30	250	250
50	100	55
18	60	250

Using the parameters described above, Mineral Resources have been calculated for the Sleeping Giant mine and are disclosed in Table 5.

#### **Statement of Mineral Resources**

Table 5 Detailed Mineral Resource Statement for the Sleeping Giant Mine

				1	
	<u> </u>				
	Stope	Measured	Grade	Indicated	Grade
		Resources	Au	Resources	Au
		(tonnes)	(g/t)	(tonnes)	(g/t)
1	LT66-2-3660			9,407	7.42
2	CP66-7-628			14,605	9.15
3	CP72-7-600	4,963	9.90		
4	CP72-7-625	13,971	7.50		
5	CP72-7-630	8,339	11.18	2,199	4.10
6	CM54-8-250	9,417	4.68		
7	CPL54-8-580	11,543	11.11		
8	CPL54-8-300			9,630	12.37
9	CPL54-8-370	10,065	10.11		
10	CM72-8-325	2,413	14.62		
11	LT72-8-400	2,983	4.65	3,404	5.20
12	CM78-8-400	7,944	10.21		
13	LT85-8-025	2,569	14.14		
14	LT85-8-050	2,273	7.88		
15	CP85-8-100	11,003	6.38		
16	CM85-8-350	10,721	7.08		
17	CM85-8-350H			1,503	21.67
18	LT91-8-100	3,991	6.56		
19	LT91-8-250	5,752	5.60		

20	CP91-9-3520	2,281	7.86	6,368	8.19
21	LT97-8-100	6,160	7.86		
22	LT97-8-350			6,882	10.01
23	CP85-9-3500			8,001	3.80
24	CP85-9-3510			7,030	17.60
25	CP85-9-3570			5,897	8.20
26	CP97-9-3480			15,694	11.89
27	CP97-9-3540			5,497	5.20
28	CP97-9-3550	7,732	6.11		
29	CP97-9-3590			4,247	5.60
30	CM79-30-2930S(LG)			2,970	4.20
31	CM78-30-2930S			6,613	8.46
32	CM-30-2930S(LG)			6,776	4.10
33	CM85-30-2930S	11,226	8.82		
34	LT85-30-2930	3,505	8.71		
35	LT97-30-2950			4,886	7.76
36	LT97-30-2970			20,132	6.91
37	LT78-50-000	5,484	10.55		
38	CP78-50-050			2,267	7.80
39	LT78-50-075	2,103	10.76		
40	CM78-50-100			10,912	9.28
41	CM78-50-100-low grade			7,484	4.42
42	CP85-50-025inf.	4,854	10.34		
43	CP85-50-025sup.	9,596	8.52		
44	CP85-50-SH-075	5,574	11.54		
45	CM91-50-025				
46	Explo 8N	10,392	10.07	16,972	9.44
47	Explo 30 W			123,033	13.39
Sum	mary	177,304	8.67	311,882	10.33

Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability

#### Mineral Reserves

### **Mineral Reserve- Definitions (from CIM)**

Mineral Reserves are sub-divided in order of increasing confidence into Probable Mineral Reserves and Proven Mineral Reserves. A Probable Mineral Reserve has a lower level of confidence than a Proven Mineral Reserve.

A Mineral Reserve is the economically mineable part of a Measured or Indicated Mineral Resource demonstrated by at least a Preliminary Feasibility Study. This Study must include adequate information on mining, processing, metallurgical, economic and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified. A Mineral Reserve includes diluting materials and allows for losses that may occur when the material is mined.

Mineral Reserves are those parts of the Mineral Resources which, after the application of all mining factors result in an estimated tonnage and grade which, in the opinion of the Qualified Person(s) making the estimates, is the basis of an economically viable project after taking into account of all relevant processing, metallurgical, economic, marketing, legal, environment, socio-economic and government factors. Mineral Reserves are inclusive of diluting material that will be mined in conjunction with the Mineral Reserves and delivered to the treatment plant or equivalent facility. The term 'Mineral Reserve' need not necessarily signify that extraction facilities are in place or operative or that all governmental approvals have been received. It does signify that there are reasonable expectations of such approvals.

#### Probable Mineral Reserve

A 'Probable Mineral Reserve' is the economically mineable part of an Indicated, and in some circumstances a Measured Mineral Resource demonstrated by at least a Preliminary Feasibility Study. This Study must include adequate information on mining, processing, metallurgical, economic, and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified.

#### Proven Mineral Reserve

A 'Proven Mineral Reserve' is the economically mineable part of a Measured Mineral Resource demonstrated by at least a Preliminary Feasibility Study. This Study must include adequate information on mining, processing, metallurgical, economic, and other relevant factors that demonstrate, at the time of reporting, that economic extraction can be justified.

Application of the Proven Mineral Reserve category implies that the Qualified Person has the highest degree of confidence in the estimate with the consequent expectation in the minds of the readers of the report. The term should be restricted to that part of the deposit where production planning is taking place and for which any variation in the estimate would not significantly affect potential economic viability.

#### **Factors Used in Estimation of Mineral Reserves**

The conversion of Mineral Resources to Mineral Reserves has been based on a stope-by-stope analysis of cost and revenue. The convention was adopted that Measured Resources, where they are demonstrated to be economic with the data and assumptions of this report, are converted to Proven Reserves, and Indicated Resources to Probable Reserves.

All information including grades, tonnages and costs were made available to GENIVAR by Cadiscor. Most of this information was originally provided to Cadiscor by IAMGOLD, and came from actual mine operational performances. Additional information from recent drilling by Cadiscor was also provided and integrated into the present study.

GENIVAR has evaluated each stope to determine the most appropriate mining method within the economic and technological framework of the mine. The development work required to access each stope has been evaluated from plans and sections, and will be verified in detail at the time the work goes forward. The methodology to establish the economic profile of each stope is as follows.

Development requirements for each stope have been estimated from plans and sections, and are based on using existing mine infrastructure to the fullest. A final plan will require calculation of development for each stope in 3D. Development has been considered in three categories, drifts, sub-levels and raises. An extra 20 % has been added to the estimated costs of sublevels for longhole stopes to account for the space requirements of equipment for this mining method.

The estimated costs for each stope include mining, mucking, development, services and others. All costs are estimated in current Canadian dollars.

#### Revenues:

Estimated ounces produced from each proposed stope include recovery as a function of mining method, as well as dilution. Mill recovery of 97 % has been used in calculating a net value for each stope.

To evaluate the economic profile of each stope, the cost-revenue balance was calculated for a series of gold prices. Thus a potential net return for each stope was available to justify its inclusion in the reserve base for any given gold price.

Alternate mining methods were evaluated for a number of proposed stopes to assure the most efficient methods of extraction possible. Only the method retained is presented in the appendices.

A number of factors enter into the estimation of Mineral Reserves. These are listed here:

**Mining Width** Based on the mining history, the minimum width in reserve calculations is related of the dip of the lens in the estimated area. Each drill intersection is recalculated with a true thickness which varies according to

the presumed dip, between 1.6 meter (dip over 50°) and 1.8 meter (dip less than 50°).

Based on the details of each proposed stope, a mining method has been selected. Criteria used to select a mining method include the thickness and dip of the zone to be mined, and any supplementary information such a faults or offsets. Minimum thickness mined for each mining method is presented in Table 6.

Table 6: Minimum thickness mined as a function of mining method

Method	Thickness
Shrinkage stoping	1.6m
Longhole	1.8m
Room and pillar	1.8m

**Mining Dilution** In addition to the planned stopes, some extra material is typically mined. A nominal dilution of 15 % at zero grade is applied to all shrinkage stopes. Some stopes might have a higher dilution rate depending on ground conditions. In some cases, the long-hole method is used to recover pillars and waste. Dilution for this technique is between 25 and 50% or even more according to ground conditions. These dilution factors are based on historical data from the Sleeping Giant mine. Dilution for room-and-pillar mining is 25 %.

**Mining Recovery** estimated mining recovery varies between 75% and 100% depending on the chosen mining method. With shrinkage stope mining, recovery is 95 to 100%, while for the room-and-pillar method it is 85 % and for long-hole 95 %. In the case of these methods, the recovery rate might be higher if some pillars are recovered at the end of the project. At that time, ground conditions will limit the recovery of pillars. Reserves which are shown in this report include pillars which are planned to be recovered.

Based on the mining method selected, rates of recovery (the percentage of the mineralised volume actually mined) and dilution (excess material mined) are applied to each stope through the mine block model (Table 7).

**Table 7: Mining recovery and dilution** 

Method	Mining recovery	Dilution
Shrinkage stoping	95%	15%
Longhole	95%	25%
Room and pillar	85%	15%

The calculated tonnage of each stope (including recovery and dilution) is used to estimate the cost for the stope. Costs including mining and development are based on actual average costs over the last five years of operations at the mine.

**Rock Density** ore density at the mine was verified by three samples taken every month in 2001, with further measurements in 2002. Results varied between 2.8 g/cm³ and 2.9 g/cm³, with an average of 2.86 g/cm³. A density of 2.85 g/cm³ was used from December 2002 onward, both for reserves estimation and for engineering. Historically, this density has allowed acceptable reconciliation between planned and produced tonnes.

Mill Recovery The historical recovery of 97 % has been retained

**Exchange Rate** 1.07 \$CDN = 1.00 \$US. This factor has been used to calculate gold prices in Canadian dollars for the purposes of this report.

**Price of Gold** A series of gold prices (expressed in \$US have been used to estimate reserves in a number of economic scenarios. The gold price has been modified in 50 \$US increments from 750 \$US to 900 \$US per troy ounce.

Price of Silver Silver contributes only a minor amount to the value of the ore. Historically, for each ounce of gold, 1.4 ounces of silver have been produced. Since revenue from silver is cost-free (all costs have been carried by gold in the economic analysis of possible operations) silver potentially contributes extra revenue to the mine. For example, from the estimated 70,350 ounces of gold that can be produced from Mineral Reserves in the mine, it is estimated that 98,490 ounces of silver will be produced. At a selling price of \$US11 per ounce and an exchange rate of 1.07, this adds 1,160,000 \$CDN to mine profit over the course of the operation. Nevertheless, there are no analyses of silver in the database used for estimating grades, and silver has not been considered in the financial analysis of the deposit.

**Fixed Costs** Historical mine costs have been provided by the Sleeping Giant and retained for this report (Table 8).

**Operating Costs** Historical mine costs have been provided by the Sleeping Giant and retained for this report (Table 8).

Total costs per tonne on a basis of mining method have been estimated and are presented in Table 9.

Table 8: Fixed and Variable Costs, Sleeping Giant Mine

Historical costs of mine services used as a basis for calculations of overall costs.

Year	2003	2004	2005	2006	2007
Production (oz)	33,304 oz	33,509 oz	39,967 oz	45,716 oz	66,826 oz
Tonnes milled	88,248 t	96,475 t	121,249 t	132,965 t	170,392 t
Tonnes hoisted	88,275 t	96,550 t	120,748 t	133,300 t	170,467 t
Grade	12.09 g/t	11.12 g/t	10.63 g/t	11.01 g/t	15.52 g/t
Mill recoveries	97.08%	97.11%	96.88%	97.17%	97.40%
Mine services	19.67 \$/t hoisted	18.99 \$/t hoisted	20.78 \$/t hoisted	21.95 \$/t hoisted	17.72 \$/t hoisted
Mechanical	5.53 \$/t hoisted	5.61 \$/t hoisted	7.78 \$/t hoisted	8.62 \$/t hoisted	5.50 \$/t hoisted
services					
Electrical services	3.34 \$/t hoisted	3.31 \$/t hoisted	3.74 \$/t hoisted	4.33 \$/t hoisted	2.42 \$/t hoisted
Surface services	8.27 \$/t hoisted	8.32 \$/t hoisted	9.84 \$/t hoisted	9.91 \$/t hoisted	8.12 \$/t hoisted
Engineering	3.67 \$/t hoisted	3.47 \$/t hoisted	4.83 \$/t hoisted	5.74 \$/t hoisted	3.68 \$/t hoisted
Geology	2.37 \$/t hoisted	2.18 \$/t hoisted	2.11 \$/t hoisted	2.50 \$/t hoisted	2.19 \$/t hoisted
Total services	42.87 \$/t hoisted	41.89 \$/t	49.09 \$/t	53.05 \$/t hoisted	39.63 \$/t
		hoisted	hoisted		hoisted
Environment	2.44 \$/t milled	2.06 \$/t milled	2.78 \$/t milled	2.48 \$/t milled	1.28 \$/t milled
Milling	18.92 \$/t milled	17.76 \$/t milled	19.59 \$/t milled	19.52 \$/t milled	17.78 \$/t milled
Environment & Milling	21.35 \$/t milled	19.82 \$/t milled	22.36 \$/t milled	22.00 \$/t milled	19.06 \$/t milled
Site administration	11.74 \$/t hoisted	11.40 \$/t hoisted	14.07 \$/t hoisted	15.40 \$/t hoisted	11.84 \$/t hoisted

Table 9: Costs per tonne

Туре	Cost
Services and others	79 \$/t
Room and pillar	84 \$/t
Shrinkage stoping	51 \$/t
Longhole	35 \$/t
Mucking	12 \$/t

GENIVAR LP October 2008

Services and others include: Environment and milling: 21 \$/t

Site administration: 13 \$/t Services: 45 \$/t

**Development costs**Costs of providing mine infrastructure to each stope have been estimated based on historical cost data and per-shift productivity (Table 10).

**Table 10: Development costs** 

Type of excavation	Cost
Drift	1225 \$/m
Sub level (shrinkage stoping and room and pillar)	1475 \$/m
Sub level (longhole)	1770 \$/m
Raise	1925 \$/m

Where rehabilitation is necessary, a cost of 25,000\$ has been assumed. On-site evaluation is necessary to determine the rehabilitation needs for each stope.

Costs were calculated for each stope for access (drifts, raises, crosscuts) as well as mining, mucking and transport. Costs for milling and all other burdens were added for the estimated tonnes in each stope to arrive at a final stope-by-stope decision on probable profitability.

#### Statement of Mineral Reserves

Within the Mineral Resources disclosed above in Table 5, Mineral Reserves have been identified and are disclosed in Table 11. The cost per ounce of gold has been calculated for each stope using the mining method, development and mill recovery data of this report. Thus each stope can be assigned a net value based on gold price. For the purposes of this report, a cost of \$CDN 850 per ounce has been taken as the cut-off for Mineral Reserves. Stopes with a per-ounce cost greater than \$CDN 850 per ounce are considered currently non-economic and are reported only as Mineral Resources. For several stopes, development and operational costs were not available for estimation and these stopes have been left as Mineral Resources. All stopes which are not Mineral Reserves under the assumptions of this report have been indicated by a grey pattern in Table 11. All Mineral Resources below the current level of mining have been considered Mineral Resources pending a detailed study of the costs of accessing these areas.

Table 11: Detailed Mineral Reserves Statement for the Sleeping Giant Mine

		Proven	Grade	Probable	Grade	Cost
	Stope	Reserves	Au	Reserves	Au	Au
	·	(tonnes)	(g/t)	(tonnes)	(g/t)	(\$CDN/oz)
			(0)	,	νο /	
1	LT66-2-3660			9,407	7.42	653
2	CP66-7-628			14,605	9.15	648
3	CP72-7-600	4,963	9.90			583
4	CP72-7-625	13,971	7.50			756
5	CP72-7-630	8,339	11.18	2,199	4.10	511
6	CM54-8-250	9,417	4.68			973
7	CPL54-8-580	11,543	11.11			531
8	CPL54-8-300	,		9,630	12.37	477
9	CPL54-8-370	10,065	10.11	,		563
10	CM72-8-325	2,413	14.62			448
11	LT72-8-400	2,983	4.65	3,404	5.20	955
12	CM78-8-400	7,944	10.21	,		599
13	LT85-8-025	2,569	14.14			493
14	LT85-8-050	2,273	7.88			642
15	CP85-8-100	11,003	6.38			803
16	CM85-8-350	10,721	7.08			719
17	CM85-8-350H	- ,		1,503	21.67	351
18	LT91-8-100	3,991	6.56	,		998
19	LT91-8-250	5,752	5.60			951
20	CP91-9-3520	2,281	7.86	6,368	8.19	899
21	LT97-8-100	6,160	7.86	,		675
22	LT97-8-350	,		6,882	10.01	596
23	CP85-9-3500			8,001	3.80	
24	CP85-9-3510			7,030	17.60	
25	CP85-9-3570			5,897	8.20	
26	CP97-9-3480			15,694	11.89	544
27	CP97-9-3540			5,497	5.20	
28	CP97-9-3550	7,732	6.11	,		989
29	CP97-9-3590			4,247	5.60	
30	CM79-30-2930S(LG)			2,970	4.20	
31	CM78-30-2930S			6,613	8.46	700
32	CM-30-2930S(LG)			6,776	4.10	
33	CM85-30-2930S	11,226	8.82			568
34	LT85-30-2930	3,505	8.71			765
35	LT97-30-2950			4,886	7.76	837
36	LT97-30-2970			20,132	6.91	827
37	LT78-50-000	5,484	10.55			494
38	CP78-50-050			2,267	7.80	
39	LT78-50-075	2,103	10.76			677
40	CM78-50-100			10,912	9.28	549
41	CM78-50-100-low grade			7,484	4.42	
42	CP85-50-025inf.	4,854	10.34			559

43	CP85-50-025sup.	9,596	8.52			659
44	CP85-50-SH-075	5,574	11.54			589
45	CM91-50-025			9773	4.90	

(Grey overlay indicates Mineral Resources which are not considered Mineral Reserves)

**Table 12: Summary Statement of Mineral Reserves** 

RESERVES*			
	Proven:	135,300 tonnes	at 9.3 g/t
	Probable:	100,000 tonnes	at 9.4 g/t
TOTA	L: 235.300 tonne	es at 9.3 a/t for 70.350	) ounces recovered

The evolution of Mineral Reserves as a function of gold price can also be presented graphically, as in Figure 12. As the gold price increases, more Mineral Resources can be considered as Mineral Reserves.

## Mineral Reserves versus gold price 350,000 300,000 Reserves (Tonnes) 250,000 200,000 150,000 100,000 50,000 0 600 700 800 900 1000 Gold Price (\$CDN/oz)

Figure 12: Estimated Mineral Reserves as a function of gold price

## OTHER RELEVANT DATA AND INFORMATION (ITEM 20)

The exploration potential of the Sleeping Giant mine remains excellent. Exploration drilling at depth has intersected the mineralised zones as deep as 445 m below the current workings with significant gold grades comparable to those in the current levels.

With the current context of increasing gold prices, new interpretation of the existing geological interpretation of the mine and drilling to extend known zones to depth seems justified. Zones recently drilled such as 30W remain open both down and up dip.

## **INTERPRETATIONS AND CONCLUSIONS (ITEM 21)**

Continued operations at the Sleeping Giant mine can be conducted with a good expectation of generating an operating profit.

Mineral Resources identified at depth (continuing below the current mine workings) offer a longer operating period if they can be converted to Mineral Reserves.

## **RECOMMENDATIONS (ITEM 22)**

Begin development work to bring the stopes identified as potentially profitable into production as soon as possible. Restart the mill after approximately three months of development and accumulation of mined material on surface. The financial analysis of this activity is the subject of this report.

Undertake a detailed engineering and financial analysis in support of converting the Mineral Resources below the current mine workings to Mineral Reserves. The expected cost of an initial go - no go study is expected to be in the order of \$20.000.

Continue a program of deposit-scale exploration to follow existing zones to depth. This activity should be carried out by diamond drilling from underground stations. The estimated cost of a first-pass program to follow the two main new zones to depth is \$1,000,000.

# ADDITIONAL REQUIREMENTS FOR TECHNICAL REPORTS ON DEVELOPMENT PROPERTIES AND PRODUCTION PROPERTIES (ITEM 25)

#### Mine Infrastructure

The mine is accessed by a four-compartment production shaft with a total depth of 1053 m. Levels are spaced at 45 m from surface to 235 m, and from there to 975 m are spaced at 60 m. The exploration shaft and various raises allow all portions of the mine to be ventilated with fresh air. An ore pass and a waste pass allow material to be handled and raised to the surface. The deepest working level of the mine is 975 m. The mine is worked using electric locomotives and cars of 3 and 5 tonnes.

## **Mining Operations**

The mine and the mill currently operate with all required permits in place.

## **Mining Methods**

Three methods are in current or recent use to extract ore. The long-hole method was discontinued during 2002 because of the shallow dip in zone 8 as well as the high dilution which was obtained. Since then, the use of this method is limited to the pillar recovery and to complete stopes in which mining with other methods is not appropriate. The type of mining method is determined according to the studied zone's dip:

Slope over 65°: Long-hole and shrinkage stope extraction. When used, the long-hole method consisted in excavating a raise to a maximum length of 65 meters between two sub-levels. Following this step, three levels are excavated, with maximum length 70 meters and they are vertically spaced between 15 to 17 meters, according to a "dice five" pattern. When drilling is completed, blasting of the three benches can be carried out. The shrinkage method is described below.

Slope between 65° and 45°: Shrinkage stope mining with some stopes by longhole methods.. Shrinkage stope mining consists in excavating a raise to a maximum length of 85 meters between two levels. The length of the stope is usually between 20 and 100 meters, that is to say blocs of 7 000 to 35 000 tonnes. The ore is broken in horizontal slices of approximately 2.6 m thickness, working from the base to the top of the stope. For each slice, 30% of the blasted ore is removed therefore allowing employees to move along the stope on the broken ore. When the ore breaking is completed, the remaining ore can be

GENIVAR LP October 2008

extracted from the stope. With this method, the recovery rate is between 95% and 100%.

Slope below 45°: Room and pillar extraction. During room and pillar extraction, the ore is blasted in slices, but contrary to shrinkage stope mining methods the broken ore is removed immediately in order to allow workers to circulate in the stope. Therefore, no access raise is required. The size of the rooms and pillars is determined according to the rock mass stability. Usually, rooms are 6,5 meters by 6,5 meters and are separated by pillars which can be recovered in part once the stope is completed. The mining recovery is typically at least 85 % when using this method.

## Recoverability

The ongoing mine operations provide recovery data for gold from the mine. The historical recovery within recent operating experience has been 97.2 %. The estimated mineral reserves come from the same areas of the mine as current and recent production, and the same mill recovery has been assumed for the new production.

### Markets

Gold is sold in a liquid market which can accommodate the planned production from the mine.

#### Contracts

Planned production is based on selling gold into the spot market. No hedging is planned.

### **Environmental Considerations**

The mine currently operates with all required government permits in place. Tailings at the close of operations by IAMGOLD will remain the responsibility of IAMGOLD. Site decommissioning will be the responsibility of Cadiscor. It is estimated that the break-up value of the mine infrastructure will pay for closure and restoration at the site.

#### **Taxes**

The mine will be owned and operated by Cadiscor, and with accumulated tax credits due to past losses and development costs to be incurred, it is projected that no taxes will be paid during the 19 months operating period of the current report.

## Capital and Operating Cost Estimate

The estimates of capital requirements and operating costs have been incorporated in the estimation of Mineral Reserves. These estimates do not consider the cost of acquiring the property and mine equipment by Cadiscor from IAMGOLD.

## **Economic Analysis**

The base case financial profile of the mine and mill operations going forward has been calculated and is presented in Table 13.

The Base Case for the financial profile uses the following parameters:

Gold price \$US 800 per ounce Exchange rate 1.07 \$US per 1 \$CAN

Mill Recovery 97 %

Mill costs from Table 3
Development Costs from Table 10
Mining Costs from Table 9

These factors have been applied to the planned mining scenario to calculate a Net Present Value for the mine operations. The calculated Net Present Value of the Base Case with a discount rate of 10 % is \$CDN 15.9 million and the projected cash position at the termination of operations is \$CDN 17.8 million.

Variations in these parameters have been applied and a sensitivity analysis completed. The results, presented in Figure 13, indicate that the major factors in the operations financial profile will be gold price, exchange rate, mill recovery and gold grade. In terms of calculations, these various factors have identical effects on the calculated NPV (an increase of 5 % of gold price will have the same effect as an increase of 5 % in gold grade). Another significant factor is mining cost, while milling costs, while the costs of chemicals for mill operations, and development costs are of limited impact.

Table 13: Cash flow projections for operations at the Sleeping Giant mine based on the Mineral Reserves and assumptions of this report. Office and salary costs have been added to the early months of operations when the costs per ton hoisted to not represent the real costs because too few tonnes are being produced. Chemicals and consumables have been estimated on a schedule of their estimated use.

	Gold Price			2008				2009		
	\$US/ounce	Oct	1	Nov	Dec	Jan	Feb	Mar	Apr	May
Running tota	1 80	0	0	-1,447,977	-3,068,143	-3,558,555	-3,376,597	-1,727,167	-593,750	815,740
Tonnes of or	e hoisted		0	3,942	5,389	8,688	8,508	11,703	15,000	15,000
Cumulate to	nnes		0	3,942	9,330	18,018	26,526	38,229	53,229	68,229
Tonnes mille	d		0	0	0	8,000	15,000	15,000	15,000	15,000
Cumulate to	nnes milled		0	0	0	8,000	23,000	38,000	53,000	68,000
Tonnes on s	urface		0	3,942	9,330	10,018	3,526	229	229	229
Gold Produc	tion (ounces)		0	0	0	1,349	2,266	4,317	4,470	4,482
Gold Income	( 80	0	0	0	0	1,154,778	1,939,502	3,695,232	3,826,253	3,836,927
Costs										
office and sa	laries			15,000	8,000	5,000	5,000			
tank mainten	ance			25,000	25,000	25,000	25,000			
other				20,000	20,000	20,000		30,000		
rod mill lines				129,000		10,000				
ball mill liner	s				90,000	10,000				
carbon					116,000					
cyanide					25,000		25,000	25,000	25,000	25,000
lead nitrate					20,000		20,000	20,000	20,000	20,000
balls / slugs					30,000					
lime					102,000		102,000		102,000	
Developmen	t cost			1,048,466	899,548	616,167	371,277	537,623	608,405	469,860
Mining cost				210,511	284,619	850,685	986,134	1,230,045	1,734,297	1,709,444
Milling cost				0	0	108,338	203,133	203,133	203,133	203,133
Monthly cash	n costs			1,447,977	1,620,167	1,645,190	1,757,544	2,045,802	2,692,835	2,427,437
Monthly net	80	0	0	-1,447,977	-1,620,167	-490,411	181,958	1,649,429	1,133,418	1,409,490

## Table 13 (continued)

	Gold Price				2009				2010
	\$US/ounce	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Running total	800	1,777,2	07 3,177,9	75 4,698,67	70 6,156,32	4 7,383,284	8,663,676	9,724,955	11,677,966
Tonnes of ore	e hoisted	15,0	00 15,0	00 15,00	00 15,00	0 15,000	15,000	15,000	12,282
Cumulate ton	ines	83,2	29 98,2	29 113,22	29 128,22	8 143,228	158,228	173,228	185,510
Tonnes mille	d	15,0	00 15,0	00 15,00	15,00	0 15,000	15,000	15,000	12,500
Cumulate ton	nes milled	83,0	00 98,0	00 113,00	00 128,00	0 143,000	158,000	173,000	185,500
Tonnes on su	ırface			29 22					
Gold Product	ion (ounces)	4,1	70 4,3	90 4,69	92 4,52	2 4,335	4,284	4,387	4,598
Gold Income	( 800	3,569,1	06 3,757,5	75 4,016,25	3,871,16	4 3,711,140	3,666,876	3,755,106	3,935,989
Costs									
office and sal	aries								
tank mainten	ance								
other									
rod mill lines									
ball mill liners	;								
carbon								116,000	
cyanide		25,0	00 25,0	00 25,00	25,00	0 25,000	25,000	25,000	25,000
lead nitrate		20,0	00 20,0	00 20,00	20,00	0 20,000	20,000	20,000	20,000
balls / slugs		30,0	00					30,000	
lime		102,0	00	102,00	00	102,000	)	102,000	ř.
Development	cost	464,7	45 311,2	15 161,01	17 139,34	8 157,647	122,247	116,792	. 0
Mining cost		1,762,7	61 1,797,4	60 1,984,41	13 2,026,02	9 1,976,400	2,016,103	2,080,902	1,768,701
Milling cost		203,1	33 203,1	33 203,13	33 203,13	3 203,133	203,133	203,133	169,278
Monthly cash	costs	2,607,6	39 2,356,8	08 2,495,56	3 2,413,51	0 2,484,180	2,386,484	2,693,827	1,982,979
Monthly net	800	961,4	67 1,400,7	67 1,520,69	96 1,457,65	4 1,226,959	1,280,392	1,061,279	1,953,011

	old Price			2010		
\$1	JS/ounce	Feb	Mar	Apr	May	Jun
Running total	800	13,010,429	15,007,923	16,127,875	17,116,852	17,785,601
Tonnes of ore he	oisted	14,134	10,148	8,692	10,567	6,250
Cumulate tonnes	s	199,643	209,791	218,483	229,050	235,300
Tonnes milled		14,100		8,800	10,567	6,334
Cumulate tonnes		199,600	209,600	218,400	228,967	235,301
Tonnes on surfa		43	191	83	83	0
Gold Production		4,318	4,269	2,938	2,985	1,860
Gold Income (	800	3,696,357	3,654,578	2,515,023	2,555,324	1,592,165
Costs office and salarie	es					
tank maintenand other	ce					
rod mill lines ball mill liners carbon						
cyanide		25.000	25.000	25,000		
lead nitrate		20,000	20,000	20,000		
balls / slugs		20,000	20,000	20,000		
lime		102,000				
Development co	st	0	0	0	0	0
Mining cost		2,025,949	1,476,662	1,230,899	1,423,252	837,640
Milling cost		190,945	135,422	119,172	143,095	85,776
Monthly cash co	ests	2,363,894	1,657,085	1,395,071	1,566,346	923,416
Monthly net	800	1,332,463	1,997,494	1,119,952	988,977	668,749

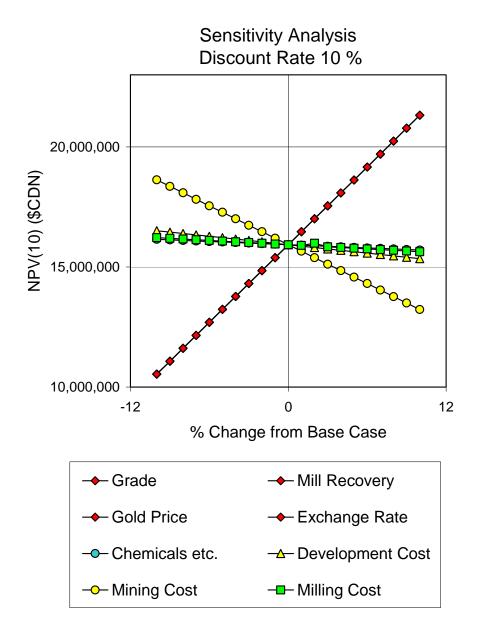


Figure 13: Sensitivity of NPV to various factors in the operations financial profile.

## Payback

The payback period for the mine operations has been estimated from a detailed analysis of cash requirements and income from gold sales. For the base case, the payback period is six months, with a positive cash position from the seventh month forward. The cash position over the currently planned mine operations period is illustrated in Figure 14 as a function of gold price.

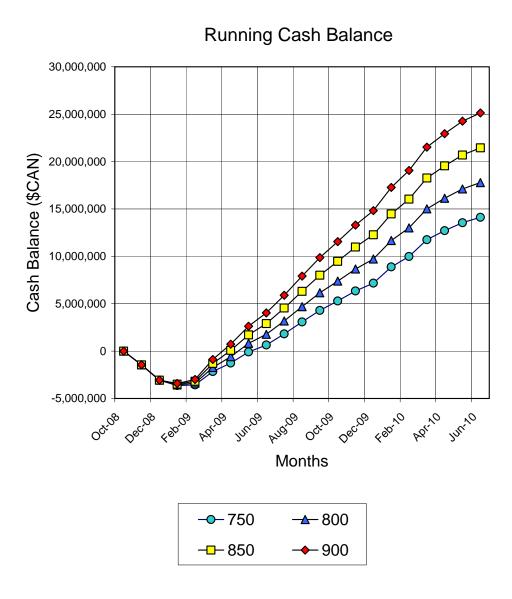


Figure 14: Cash balance of the currently planned operations over time as a function of gold price.

GENIVAR LP October 2008

## Mine Life

The current Mineral Reserves will support operations for 16 months. The current Mineral Resources, if all were converted to reserves, would support mine operations for an additional 17 months.

## DATE AND SIGNATURE PAGE (ITEM 24)

#### **TECHNICAL REPORT** THE SLEEPING GIANT MINE, NORTHWESTERN QUEBEC

#### PREPARED FOR CADISCOR RESOURCES INC.

1225 Gay-Lussac Street Boucherville, Quebec, Canada, J4B 7K1

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Signed in Val-d'Or (Quebec), October 14, 2008

## **CERTIFICATES OF QUALIFIED PERSONS**

### **Certificate of Qualifications**

Tyson C. Birkett

I, Tyson C. Birkett, Eng. PhD, as author of this report entitled Technical Report, Sleeping Giant Mines, Northwestern Quebec prepared for Cadiscor Inc. and dated October 14, 2008 do hereby certify that:

- I am a Consulting Engineer with GENIVAR LP of 1075 3<sup>rd</sup> Avenue East, Val-d'Or, Quebec, J9P 4N9
- 2. I am a graduate of Queen's University, Kingston, Ontario, Canada with a Bachelor in Geological Engineering obtained in 1973 and a Master in Geology obtained in 1974. I am a graduate of the University of Montreal with a PhD in Geological Engineering obtained in 1982.
- I am registered as an Engineer in the Province of Quebec (Membership Number 037394) and as a Professional Engineer the Province of British Columbia (License 24378). I have worked in the fields of mineral exploration, mineral deposits research, mine operations, mineral property development, geochemistry and mineralogy for a total of 35 years since my graduation. My relevant experience for the purpose of this technical report is:
  - a. 35 years of active experience in mineral exploration, mineral deposits research, applied mineralogy, mine operations, mineral property development and deposit evaluation throughout Quebec
  - b. experience in a wide variety of mineral deposit types and geological settings within the Superior, Grenville, Appalachian and Churchill geological provinces, including deposits of iron, niobium yttrium zirconium and rare earth elements, magnesite, diamond, copper, and gold
  - continuing education through seminars, short courses and field trips concerning a variety of mineral deposit types and geological environments.
- 4. I have read the definition of "qualified person" set out in National Instrument 43-101 (NI43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI43-101.

- 5. I visited the Sleeping Giant Property on August 12, 2008.
- 6. I am responsible for project coordination, report writing, and assembling financial data in this report.
- 7. I am independent of the Issuer applying the test set out in Section 1.4 of National Instrument 43-101.
- 8. I have not had prior involvement with the mining property which is the subject of this report.
- I have read National Instrument 43-101, and this Technical Report has been prepared in compliance with National Instrument 43-101 and Form 43-101F.
- 11. To the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

### **Certificate of Qualifications**

#### Josée Couture

I, Josée Couture, Eng. as author of this report entitled Technical Report, Sleeping Giant Mines, Northwestern Quebec prepared for Cadiscor Inc. and dated October 14, 2008 do hereby certify that:

- I am a Consulting Engineer with GENIVAR LP of 1075 3<sup>rd</sup> Avenue East, Val-d'Or, Quebec, J9P 4N9
- 2. I am a graduate of Laval University, Quebec City, Quebec, Canada with a Bachelor in Mining Engineering obtained in 1996.
- 3. I am registered as an Engineer in the Province of Quebec (Membership Number 117310).
- 4. I have worked in the Province of Quebec for a total of 12 years since my graduation. My relevant experience for the purpose of this technical report is:
  - a. 11 years of active experience in mining engineering throughout Abitibi, Quebec
  - b. experience in gold and base metal mines.
  - c. continuing education through seminars and short courses concerning mining engineering.
- 5. I have read the definition of "qualified person" set out in National Instrument 43-101 (NI43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI43-101.
- 6. I did not visit the Sleeping Giant Property for this report.
- 7. I am responsible for calculations of costs and production planning for stopes reported in this study.
- 8. I am independent of the Issuer applying the test set out in Section 1.4 of National Instrument 43-101.
- 9. I have not had prior involvement with the mining property which is the subject of this report.

- 10. I have read National Instrument 43-101, and this Technical Report has been prepared in compliance with National Instrument 43-101 and Form 43-101F.
- 11. To the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

### **Certificate of Qualifications**

## Christian Bézy

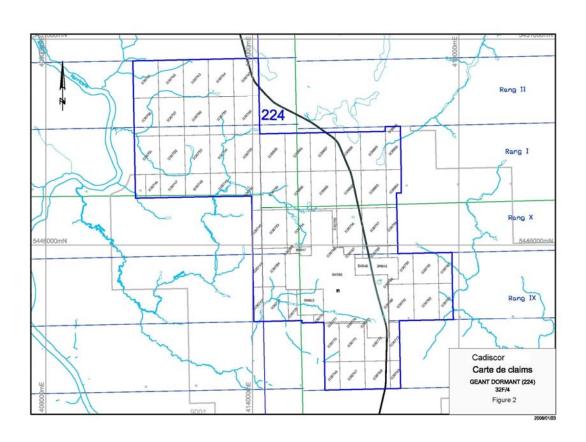
- I, Christian Bézy, Bachelor in Geological, as co-author of this report entitled Technical Report, Sleeping Giant Mines, Northwestern Quebec prepared for Cadiscor Inc. and dated October 14, 2008 do hereby certify that:
- 1. I am a Consulting Geologist with GENIVAR LP of 1075 3<sup>rd</sup> Avenue East, Val-d'Or, Quebec, J9P 4N9
- I am a graduate of Université du Québec à Montréal, Montréal, Québec, Canada with a Bachelor in Geology obtained in 1978.
- 3. I am registered as a Geologist in the Province of Quebec (Membership Number 177).
- 4. I have worked 29 years in several mines in Québec and West of Africa as a mining geologist. My relevant experience for the purpose of this technical report is:
  - a. 29 years of active experience in mines of Iron, Gold, Silver, and Graphite.
  - b. continuing education through seminars, short courses and field trips concerning a variety of mineral deposit types and geological environments.
- 5. I have read the definition of "qualified person" set out in National Instrument 43-101 (NI43-101) and certify that by reason of my education, affiliation with a professional association (as defined in NI43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI43-101.
- 6. I visited the Sleeping Giant Property on April 30, 2008 as apart of this study.
- 7. I am responsible for verification of data provided by Cadiscor and for calculation of grades, tonnages and costs for the stopes reported in this study.
- 8. I am independent of the Issuer applying the test set out in Section 1.4 of National Instrument 43-101.
- 9. I have not had prior involvement with the mining property which is the subject of this report.

- 10. I have read National Instrument 43-101, and this Technical Report has been prepared in compliance with National Instrument 43-101 and Form 43-101F.
- 11. To the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

## **Appendices**

# **Appendix 1**

# Claims and licenses forming the Sleeping Giant property



# **Appendix** 2

# Certificates of analysis for check samples

Page: 1 Finalized Date: 20-AUG-2008 Account: CADRES

To: RESSOURCES CADISCOR INC. 1570, RUE AMPÈRE BUREA 502 BOUCHERVILLE QC J4B 7L4

212 Brooksbank Avenue North Vancouver BC V7J 2C1 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

CERTIFICATE VO08113774

EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.

Chemex

		ALS CODE DESCRIPTION	SAMPLE PREPARATION	E PREPARATION  le Weight  Sod w/o Barcode  70% <2mm fille spiller	Sar Sar Fin
--	--	----------------------	--------------------	---	-------------

P.O. No.: This report is for 15 Crushed Rock samples submitted to our lab in Val d'Or, QC, Canada on 13-AUG-2008.

Project: GÉANT DORMANT

The following have access to data associated with this certificate:
TYSON C. BIRKETT | VINCENT JOURDAIN |

ALS CODE	DESCRIPTION		
WEI-21	Received Sample Weight		
LOG-22	Sample login - Rod w/o BarCode		
CRU-31	Fine crushing - 70% <2mm		
SPL-21	Split sample - riffle splitter		
PUL-31	Pulverize split to 85% <75 um		
LOG-24	Pulp Login - Rcd w/o Barcode		- 1
	ANALYTICAL PROCEDURES	S	
ALS CODE	DESCRIPTION	INSTRUMENT	
Au-AA25	Ore Grade Au 30g FA AA finish	AAS	
Au-GRA21	Au 30g FA-GRAV finish	MST-SIM	

RESSOURCES CADISCOR INC. ATTN: TYSON C. BIRKETT GENIVAR To:

1075, 3E AVENUE EST, C.P. 6 VAL-D OR QC J9P 4N9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Colin Ramshaw, Vancouver Laboratory Manager



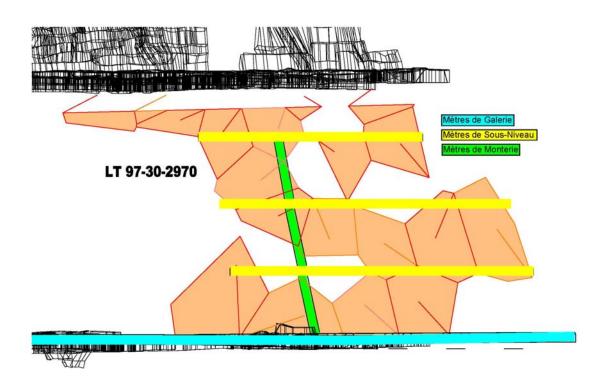
Page: 2 - A Total # Pages: 2 (A) Plus Appendix Pages Finalized Date: 20-AUG-2008 Account: GADRES	V008113774			
To: RESSOURCES CADISCOR INC. 1570, RUEA ADERE BUJER, SOZ BOUCHERVILLE QC J4B 7L4 Project: GÉANT DORMANT	CERTIFICATE OF ANALYSIS			
ALS Chemex  EXCELLENCE IN ANALYTICAL CHEMISTRY ALS COMBAGE U. ALS CHARGE U. ALS CHARGE U. ALS TOOK APPRIES North Vancouver BC V7.1 20.1 Phone: 604 994 0221 Fax; 604 994 0216 www.alschemex.com	WEI-31 AU-MA25 AU-GRA21 Recot WIL Au Au Au Au Au Au Au Au Con Con Con Cos Cos		0.12 1.30 24.7 0.12 23.1 37.9 0.12 23.1 37.9 0.12 0.19 0.19 0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	
SIS NZA	Method Analyte Units Sample Description LOR	308612 808513 808514 808615 808615	402617 902618 903627 903627 903622 903622 903624 903625 903625 903625	

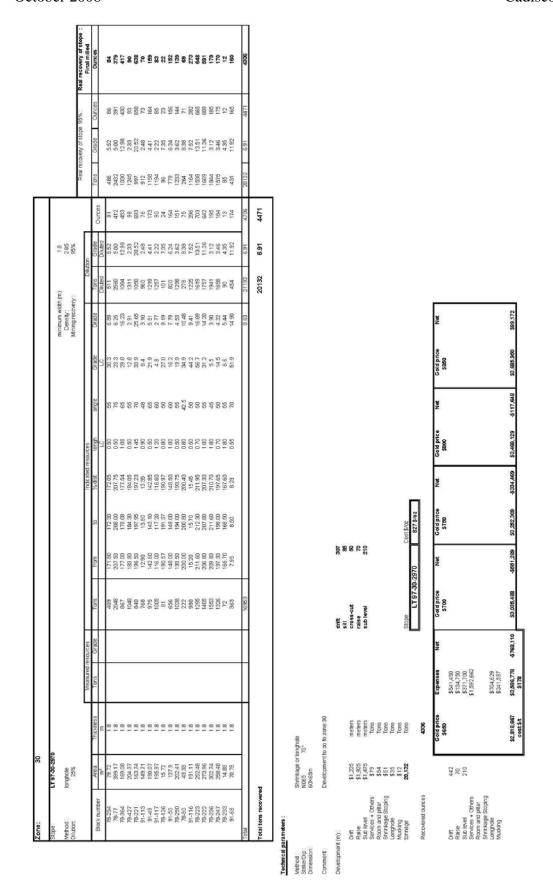
\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

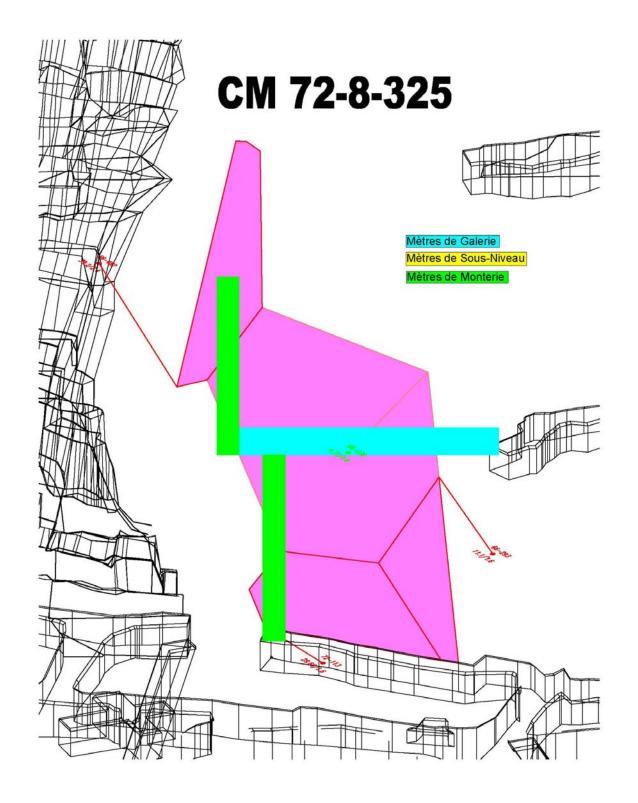
Page: Appendix 1 Total # Appendix Pages: 1 Finalized Date: 20-Appendix Pages: 4 Account: CADRES VO08113774		
TO: RESSOURCES CADISCOR INC. 1570, RUE AMPÉRE BUREA 502 BOUCHERVILLE QC J4B 7L4 Project: GÉANT DORMANT CERTIFICATE OF ANAL YSIS	SINE	
	CERTIFICATE COMMENTS	
ALS CHEMET CHEMISTRY A.S. Genate It. 212 Brookstenk Avenue North Vancouver BC V7J 2C1 Phone: 604 994 0221 Fax: 604 994 0218 www.alschemex.com	CERTI	NSS is non-sufficient sample.
ALS)	Method	ALL METHODS

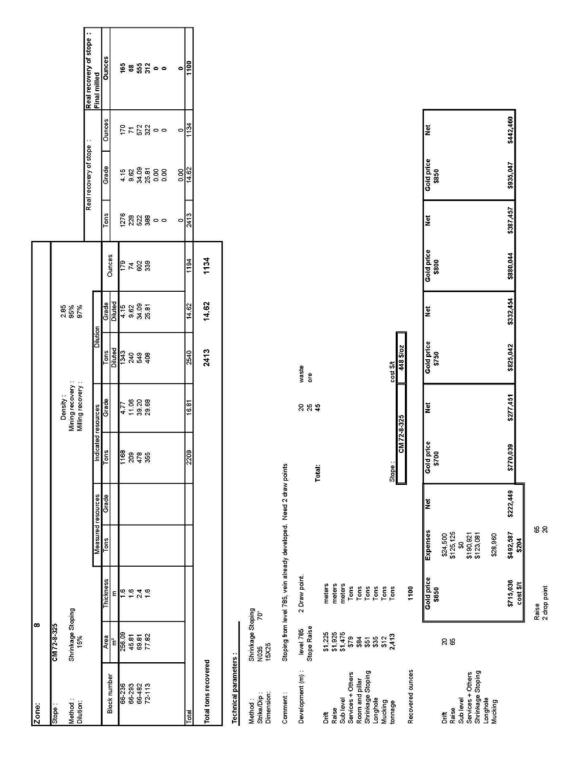
# **Appendix 3**

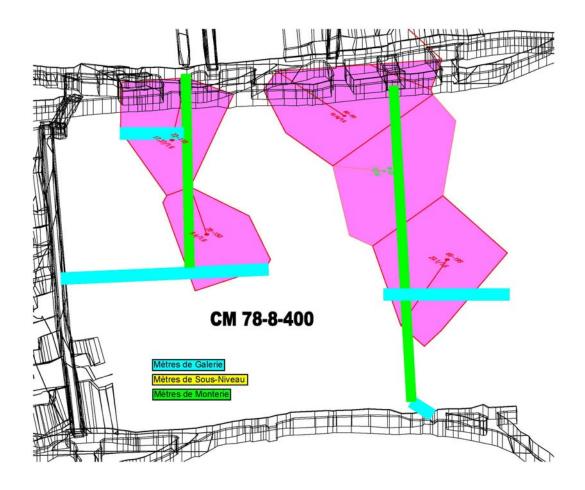
Sections of stopes for mine planning and resource estimates and spreadsheet calculations for each stope

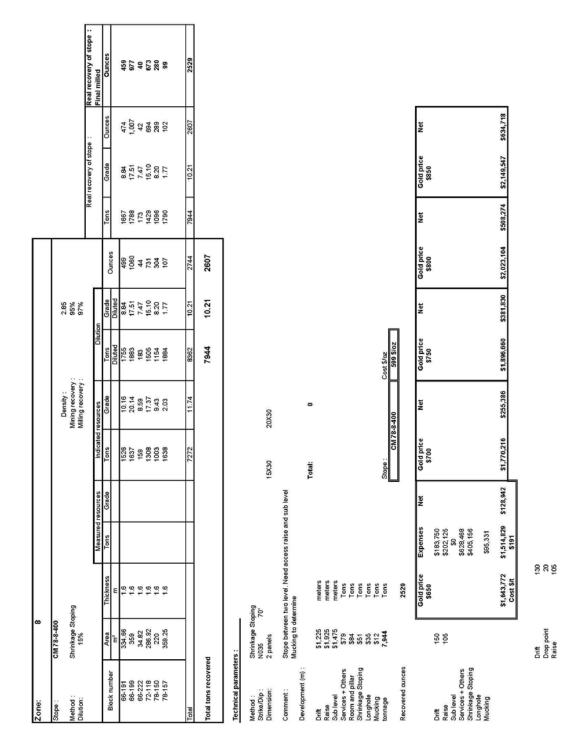


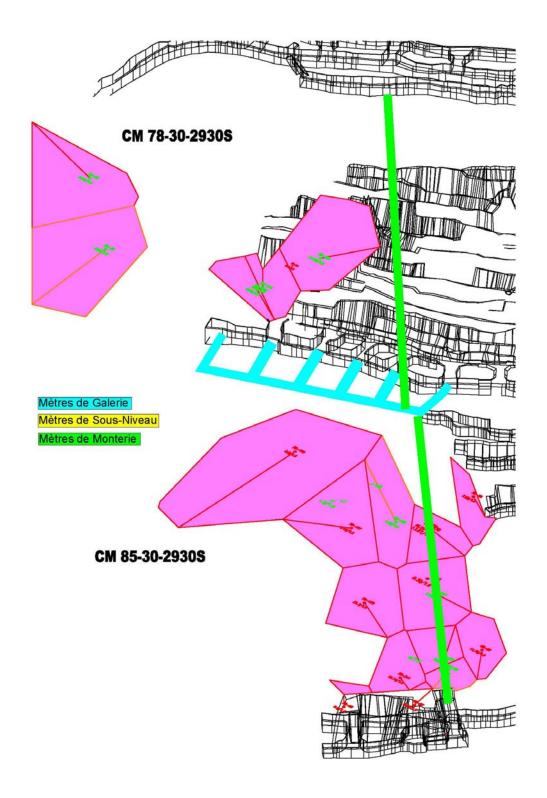


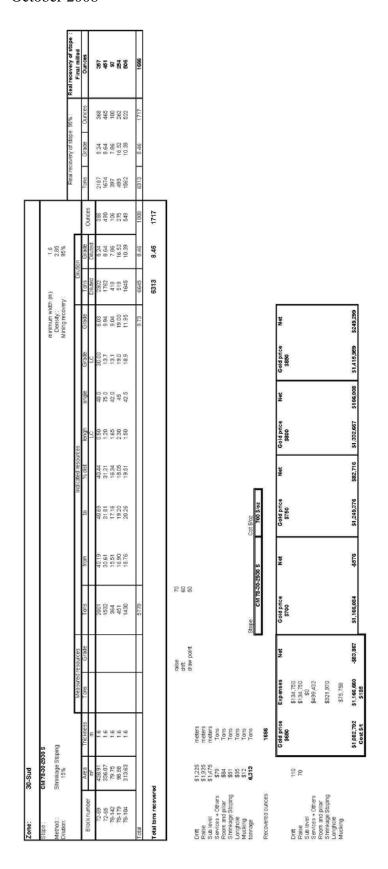


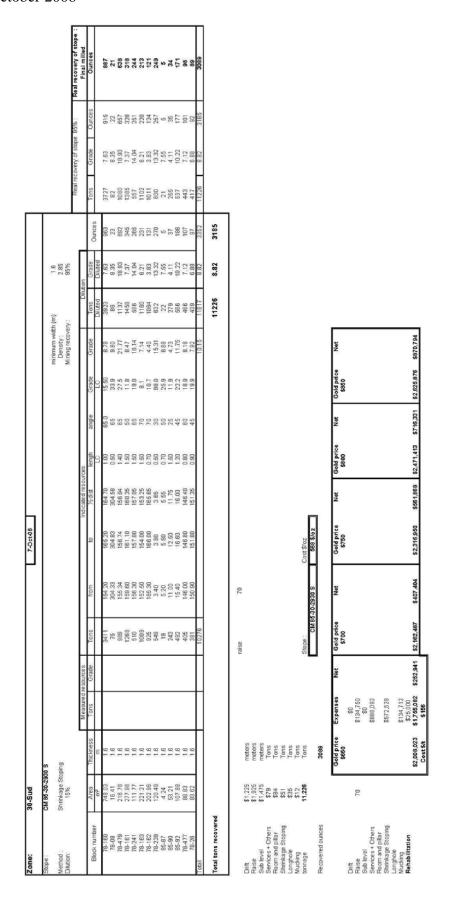


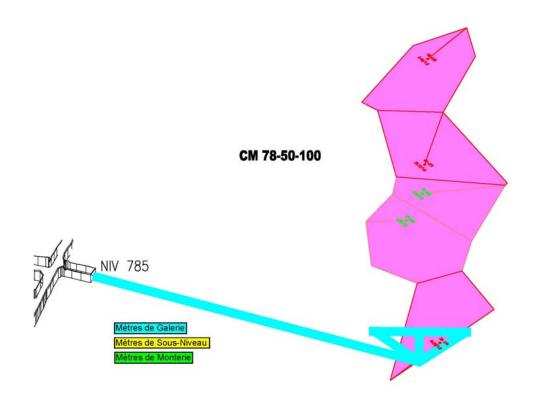




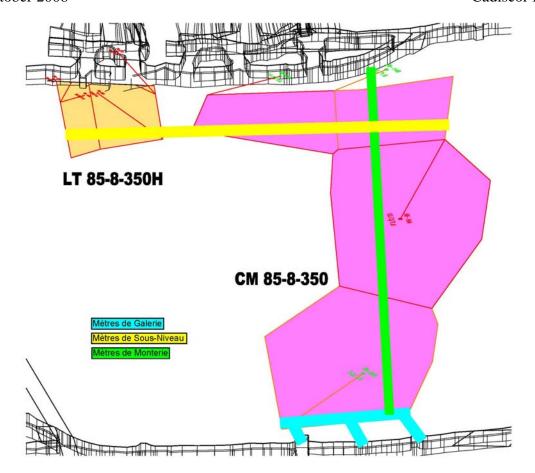


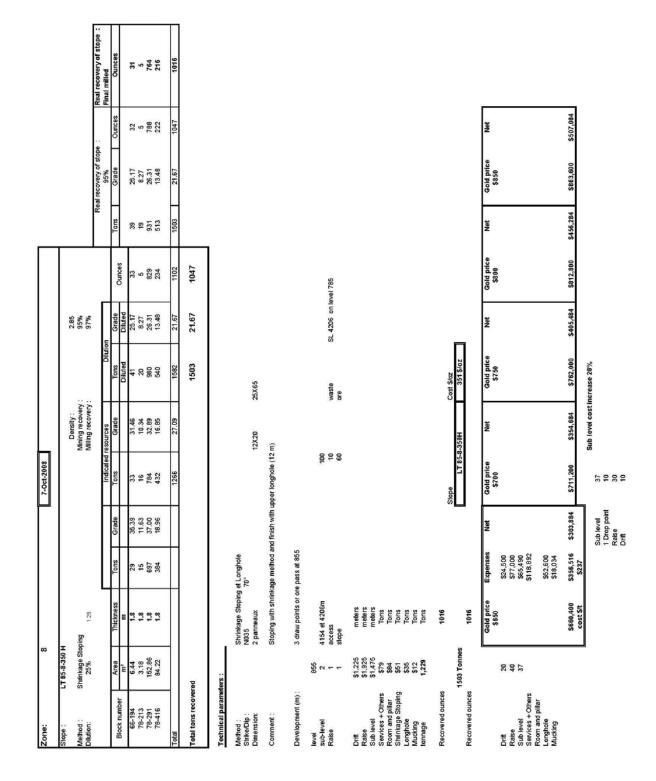


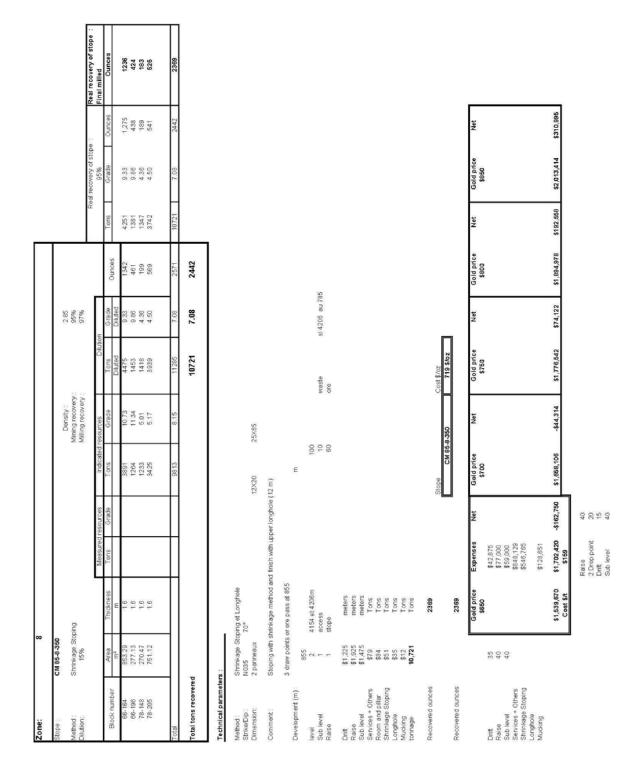


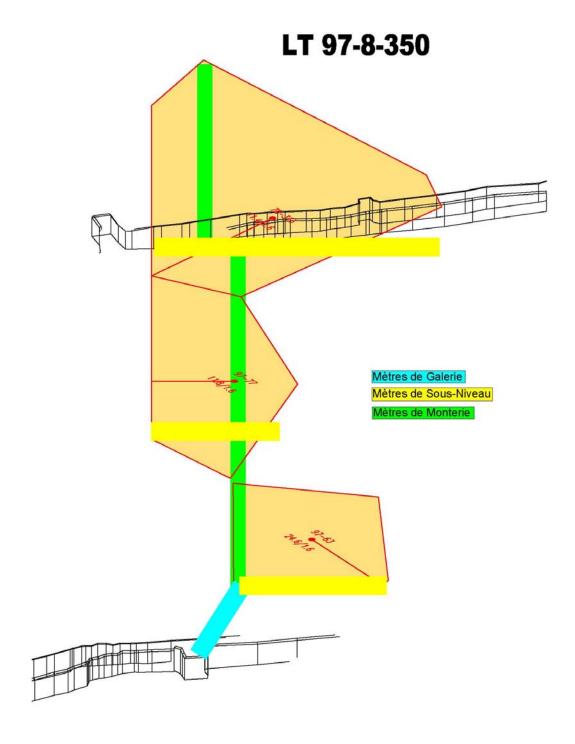


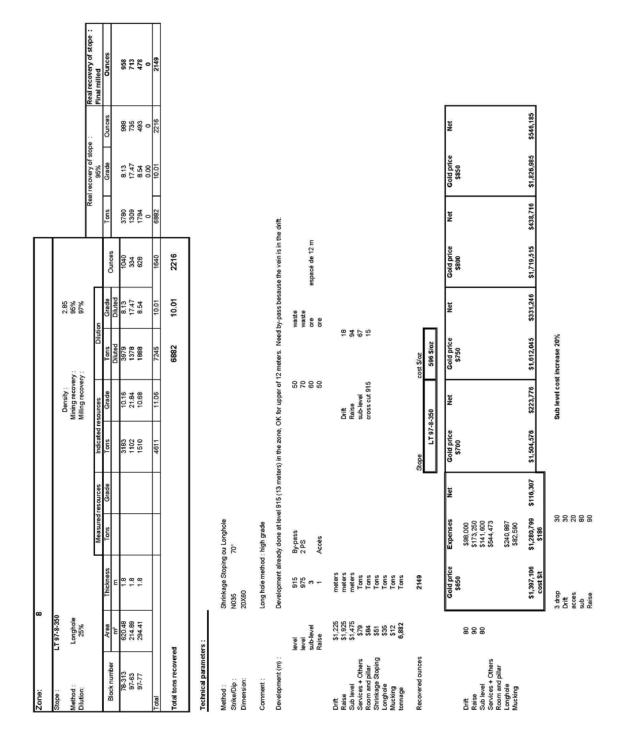
Zone:	20	L												_			
. euch	CP. 78.50.000	000												_			
Method:	a pos and allar	in line								minimum width (m)	idth (m)	1.8					
Dilution:	15%									Mining recovery:	overy:	85%		Š		- 1	
						Indicated resources	seonices				٥	Dilution	_	Keal rec	Real recovery of scope		Real recovery or stope :
Dlook number	Area	Thickness	Tons	from	to	% dist	lengh	angle	Grade	Grade	Tons	Grade	Ound	$\mathbf{L}$	Tons   Grade   Ounces	seou	Onnces
DIOCK HAILING	m,	ш					CC		CC		Diluted	Diluted	Collices		,		
60-277 60-277A	206.72	8: T. 8: 8:	1060 568	236.50	237.00 232.54	236.75 232.29	0.50 0.51	42.50 65.00	23.3	4.37 5.62	1220 653	3.80	149	1037 555	3.80	127 87	123 85
66-832 72-260	120.26	 œ	617 939	122.60	248.20 123.60	123.10	1.00	45.00 50.00	29.3	5.76 38.30	1080	33.31	114	603 918		83	94 953
72-261	279.63	1.8	1435	132.60	133.70	133.15	1.10	70.00	16.4	9.44	1650	8.21	435	1402		2.0	359
														00			
											5311	11.46	1957	4,514	11.46 1,	1,664	1614
											4214	11.46	1664				
Technical parameters:	:s.																
Method : Strike/Dip : Dimension:	Longhole N045/50° 25X15																
Comment:	Stoping fro	Stoping from existing development	evelopment														
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tonnage	4,514	Tons			Stope		cost \$/oz										
Recovered ounces		1614		_	CP-7	CP-78-50-000	522 \$/oz	_									
		Gold price	Gold price Expenses	Net	Gold price	Net	Gold price	Net	Gold price	Net	Gold price	Net	_				
Drift Raise Sub level Services + Others Room and pillar Shrinkage Stoping	35	OC OC	\$0 \$0 \$51,625 \$357,140 \$379,216		00.76		06/6		noge.		000						
Longhole Mucking			\$54,174														
		\$1,048,946 cost \$/t	\$1,048,946 \$842,154 \$206,792 \$1,129,634 cost \$/t \$187	\$206,792	\$1,129,634	\$287,480	\$1,210,322	\$368,168	\$1,210,322 \$368,168 \$1,291,010 \$448,856 \$1,371,698	\$448,856	\$4,371,698	\$529,544	_				

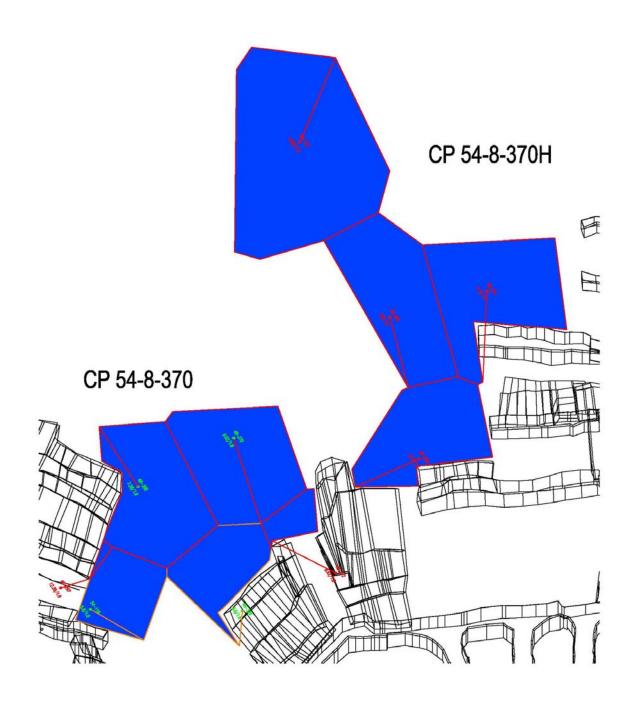




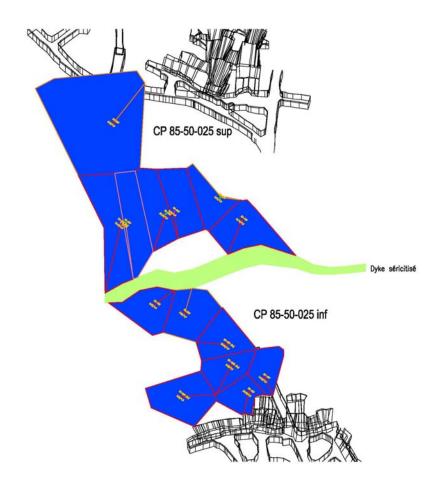






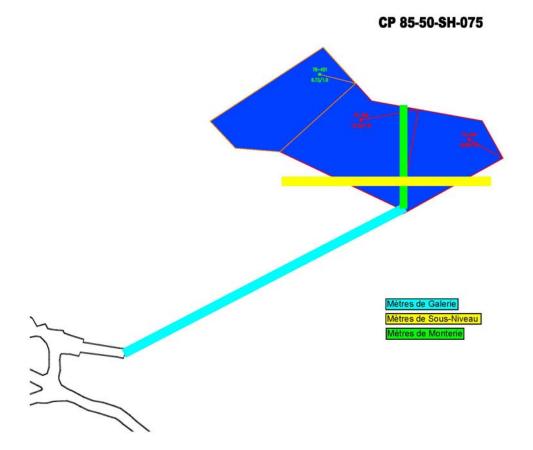


Zone:	8					ſ	07-Oct-08							
Stope:	CPL 54-8-370													
Method:	Room and pillars	ars			-	Density: Mining recovery:		2.85						
Dilugon	80		Money	9000000		Willing recovery :				Rea	Real recovery of stope	: ed	Real recovery of stope	· ·
			Measured resources	seonices	indicated re	indicated resources		_1		,			rinai milled	Т
Block number	M²	Inickness	Ions	Grade	suoi	Grade	Diluted	Diluted	Ounces	lons	Grade	Counces	sapuno	Т
48.329	126.28	1.8		Ī	648	6.57	745	5.71	137	633	5.71	116	113	
54-119	112.49	1.8			27.5	5.39	599	4.69	100	564	4.69	82	82	_
48.368	233.88	1.8			1200	7.28	1380	6.33	281	1173	6.33	239	232	
48-370	242.45	8. 6			1244	9.03	1430	7.86	361	1216	7.86	307	298	
48-372	37.85	œ. o			194	8.62	223	7.50	4 6	190	7.50	94 0	44	
187-64	, 0	0.			<del>,</del>	97.7	97	00:00	2	47	0.00	0	٠	
48-155	525.02	1.8			2693	12.80	3097	11.13	1108	2633	11.13	942	914	
48-490	251.31	1.9			1361	8.80	1565	7.65	382	1330	7.65	327	317	
48-286	204.35	œ. a			1048	27.50	1206	23.92	927	1025	23.92	788	764	
100	9. t	0			100	00.	202	90.5	i i	0 0	0.00	<u>†</u> 0	0	_
Total					10296	11.63	11841	10.11	3850	10065	10.11	3272	3174	П
Total tons recovered							10065	10.11	3272					
Technical parameters:	: s													
Method:	and pil	ar												
Strike/Dip : Dimension:	2 panneaux	35			20X25	20X50								
Comment:	No new develo	No new development because possibility to use old development.	ossibility to use o	ald developme										
Development (m) :														
· (iii) · iiiiiiiiiiiiiiiiiiiiiiiiiiiiii					Total:	0								
Drift	\$1,225	meters												
Raise	\$1,925	meters												
Sub level	\$1,475	meters												
Doom and niller	000	Tons												
Shrinkage Stoping	\$51	Tons												
Longhole	\$35	Tons												
Mucking	\$12	Tons		•	· occopy		Cost Clos							
5	200	2		_	CPL 54-8-370	Г	563 S/oz	_						
Recovered ounces		3174		•				_						
		Gold price	Expenses	Net	Gold price	Net	Gold price	Net	Gold price	Net	Gold price	Net	_	
		\$650			8700		\$750		\$800		8850			
Drift			<b>S</b>											
Sub level			05 05											
Services + Others			\$796,215											
Room and pillar Shrinkage Stoping			\$845,432											
Longhole			\$120.776											
Rehabilitation		\$2,063,223	_	\$275,800	\$2,221,932	\$434,509	\$2,380,642	\$593,219	\$2,539,351	\$751,928	\$2,698,061	\$910,638		
		cost \$/t	\$178											

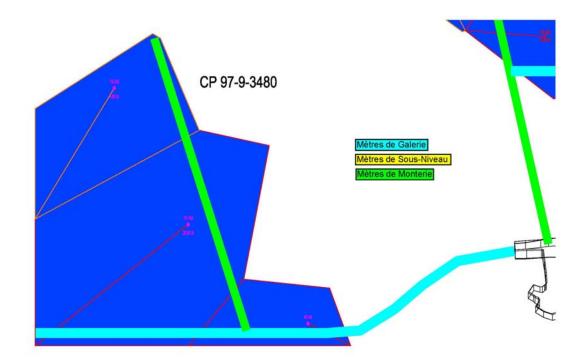


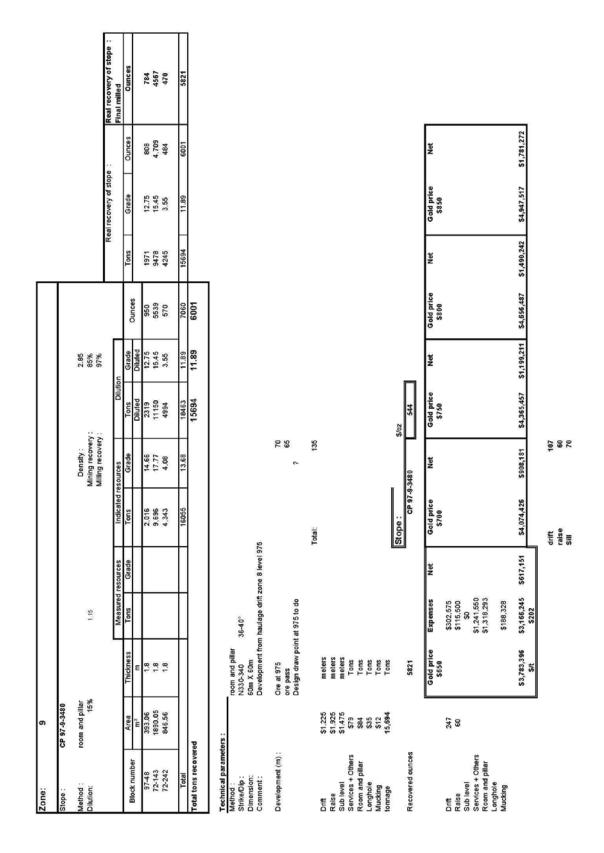
Supple   CF   RE-SU-672 Supple   Company and plant   CF   RE-SU-672 Supple   Company and plant   CF   RE-SU-672 Supple   CF   CF   CF   CF   CF   CF   CF   C	zone:	8															
18	Stone	CP-85-50	.025 Sup.						١	١	١	l	١	T			
Continue	- adop		- dec exp								minimum	vidth (m)	8.1				
The color of the	Dilution:	15%	pillar								Mining rec	overy:	85%		-		
March   Michigan   Total   From   Total   Michigan   Michigan   Michigan   Michigan   Total   Michigan   Mic							Indicated res	sources			ſ	Dilut	uo		Real recov	Real recovery of stope	Real recovery of stope Final milled
15.45   1.00	Diant minches	Area	Thickness	L	from	to	½ dist	lengh	angle	Grade	Grade	Tons	Grade	000000	Tons Gr	Tons Grade Ounces	sounces
1.54   1.8   8570   228.70   227.70	Block number	m²	ε					CC		CC		Diluted	Diluted	Sapuno	1 .	Ι.	
14.36 18 852 22.71 17.00 17.15 0.50 0.50 0.50 0.50 0.50 19.14 11.58 11.09 11.25 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0	66-827	715.45	8.	3670	236.70	238.70	237.70	2.00	40.00	8.8	6.29	4221	5.47	742			611
1.25	72,150	196.24	. τ . α	1007	117.00	117 50	117.25	0.50	65.00	80.05 80.05	12.74	1158	11.08	242	984 11		340
1.00   1.00	72-270	246.34	, <del>L</del>	1264	118.62	119.10	118.86	0.48	40.00	90.0	15.43	1453	13.41	627			517
18	78-507	181.74	1.8	932	70.00	71.00	70.50	1.00	27.50	5.8	1.48	1072	1.28	4			36
13   18   18   18   19   19   19   19   19	78-508	158.55	89.	813	62.60	64.30	63.45	1.70	57.50	44.3	35.26	935	30.66	922			260
Fires    10.05   11.1200   8.52   11.1201   11	85-110 60-315 et Dyke	138.9		713	51.50	53.00	52.25	06.1	20.00	9.0	0.01	819	0.01	0 0	5/4 4.	0.01	g 0
Fires  The state of the state o														i			•
1,225   maters   1,425   maters   1,42	Total			9105								11290	8.52	3093	9,596 8.52	52 2,629	2550
54.37 K30 king from existing stope ping from e	Tonnes totales ré	cupérées										9296	8.52	2629			
Stoping from existing stope     \$1,225	echnical paramete	 S.															
Node																	
Stoping from existing stope  \$1,225	ethod : trike/Dip :	Room and N045/37	pillar														
Stoping from existing stope  \$1,225	2	2000															
\$1,225 meters \$1,475 meters \$2,475 meters \$2,475 meters \$2,475 meters \$2,475 meters \$2,475 meters \$2,475 meters \$3,475 meters \$3,475 meters \$4,475 meters \$4,506 meters \$4	omment :	Stoping fro	om existing st	tope													
\$1,225 meters st.926 meters st.475 meters ss + Others	evelopment (m):																
\$1,925 meters   \$1,475 meters   \$1,270 meter	Drift	\$1,225	meters														
## Standard	Raise	\$1,925	meters														
State	Sub level	\$1,475	meters														
### Stoping \$55 Tons	Services + Others	6/4	Tons														
Side   Side   Tons   Stope	Shrinkage Stoping	\$51	Tons														
S12   Tons   Stope	Longhole	\$36	Lons														
CP-83-50-025 Sup.   CP-8	Mucking	\$12	Tons			Stone		Cost Sion									
Second   S	200	2000	25			CP- 85	-50-025 Sup.	659 S/oz	_								
Gold price Expenses Net Gold price Net \$650 \$0 \$0 \$700 \$0 \$0 \$0 \$700 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	Recovered ounces		2550														
secon \$0 50 50 50 50 50 50 50 50 50 5			Gold price	Expenses	Net	Gold price	Net	Gold price	1	Gold price	1	Gold price	1				
ss + Others			8650			\$700		\$750		\$800		\$850					
se + Others	Raise			2 8	_												
\$759.167 \$806,093 \$115,156 \$1,657,374 \$1,680,415 -\$23,041 \$1,784,864 \$104,449 Cost \$1 \$175	Sub level			\$ \$	_												
\$115,156 \$1,657,374 \$1,680,415 -\$23,041 \$1,784,864 \$104,449 Cost Sit \$175	Services + Others			\$759,167													
\$115,156 \$1,657,374 \$1,680,415 -\$23,041 \$1,784,864 \$104,449 Cost \$1 \$175	Shrinkage Stoping			200000													
\$104,449	Longhole Mucking			\$115,156													
			\$1,657,374	\$1,680,415	-\$23,041	\$1,784,864	\$104,449	\$1.912,355	\$231,939	\$2,039,845	\$359,430	\$2,167,335	\$486,920				
			Cost S/t	\$175													

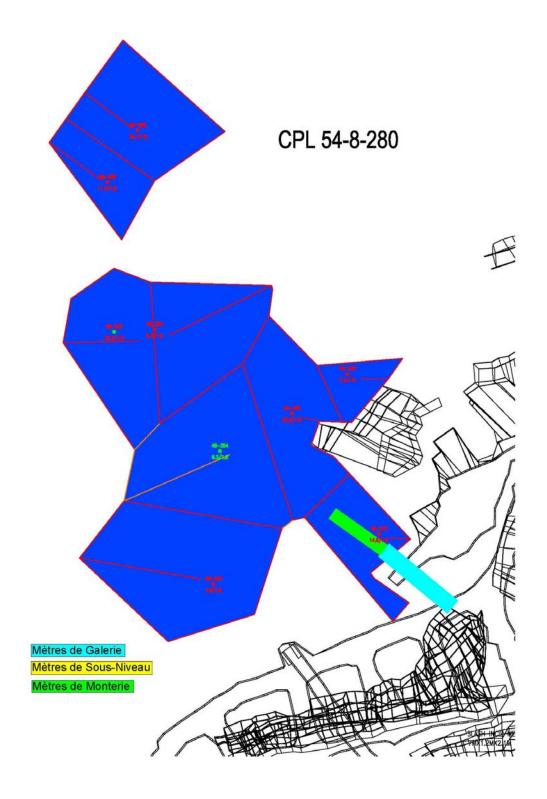
			Real recovery of stope :		odinces	395	189	216	140	280	151	1565										
			Real recovery of stope		anno a						155	4 1,613										
			recover	1	ions Grad	_					8.32	10.34										
	Т		Rea	ľ	-	_	_	_	_	_	584	8 4,854		l								
			Г	4	Onuces	48	Ä	<b>%</b>	170	3 8	83	1898	1,613									
	0	2.85 85%	Dilution	- Pro-C	Diluted	17.86	6.98	6.87	609	18.65	8.32	10.34	10.34								Net	\$455,318
	didth (m)	minimum width (m) Density: Mining recovery:	- 1	Ş	Diluted	835	1021	1186	867	504	684	5710	4,854								Gold price \$850	\$1,330,233
	on initial	minimum width (m Density: Mining recovery:		3	Grade	20.54	8.02	7.90	7.00	25.25	9.56										Net	377,069
	,			1	Clade	40.8	29.9	14.3	8.5	30.1	43.40										Gold price \$800	\$1,251,984 \$377,069 \$1,330,233
				- Property	audie	65.00	75.00	50.00	80.00	00.67	52.50										Net	\$298,820
7-0ct-08			of the second	lead.	L CI	1.00	0.50	1.30	3.5	9 5	0.50								Cost \$/oz 559 \$/oz		Gold price \$750	\$1,173,735
Γ			and	1/ -6-1	202	218.30	116.55	127.55	117.25	187.90	15.15					Pales	a faire		СР-85-50-025 Inf.		x x et	\$220,571
				4	2	218.80	116.80	128.20	118.00	188.60	15.40						Aucun developpement a faire		Stope CP-85-		\$700	\$142,322 \$1,095,486
				1	HOI	217.80	116.30	126.90	116.50	15.20	14.90						Aucun dev		~ <b>_</b>		Net	\$142,322
				1	SLIG	726	887	1031	753	46/	594	4965									\$0 \$0 \$0 \$383,969 \$407,703	\$58,243 \$25,000 \$874,915 \$210
	325 Inf.	villar	_	Thisteres	mickness	1.8	1.8	1.8	8. 6	20, 0	6 80				oillar	Stoping from existing stope			meters meters meters Tons Tons Tons Tons Tons Tons	1565	Gold price Expenses \$650 \$0 \$0 \$0 \$0 \$0 \$383,969 \$407,703	\$1,017,237 cost \$/t
20	CP-85-50-025 Inf.	Room and pillar 15%		A.22	E A	141.52	173	201.06	146.88	91.08	115.87		upérées	 S.	Room and pillar N045/37 35X30	Stoping fron		raise sub level	\$1,225 \$1,925 \$1,475 \$1,475 \$39 \$31 \$35 \$12 \$12 \$12			
Zone:	Stope:	Method : Dilution :			Block number	66-833	72-132	72-280	72-293	78-453	85-108A	Total	Tonnes totales récupérées	Technical parameters :	Method : Strike/Dip : Dimension:	Comment :	(1)	Development (m):	Drift Raise Sub level Services + Others Room and pillar Shrinkage Stoping Longhole Mucking	Recovered ounces	Drift Raise Sub level Services + Others Room and pillar Shrinkage Stoping	Mucking Rehabilitation

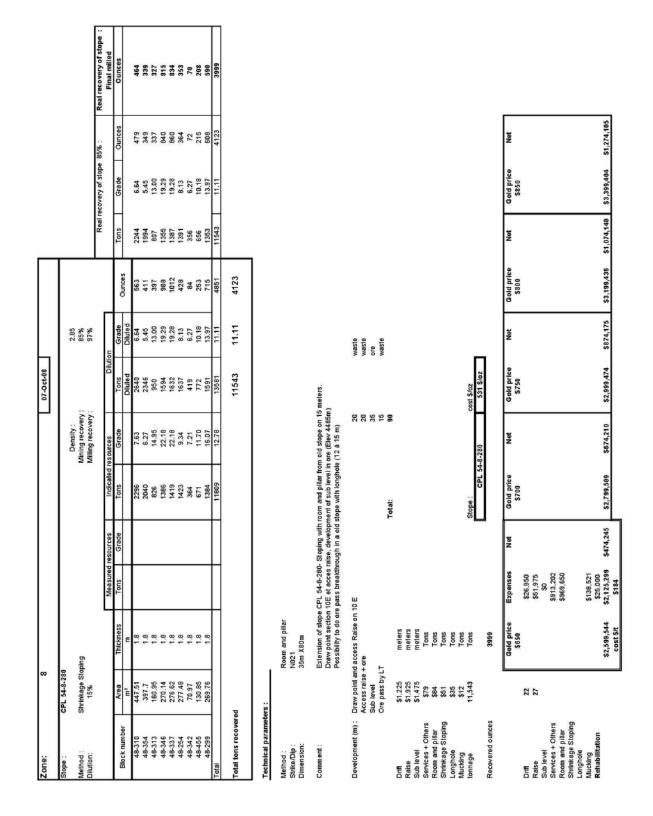


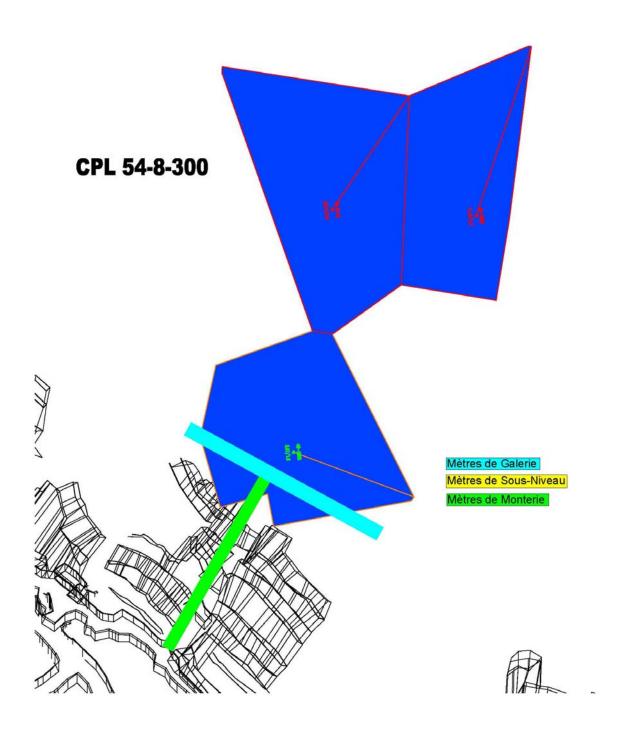
Part	Zone:	20																
The control of picture   The control of pict	Stope :	CP-85-50	-SH-075							[		Call Con	,	Π				
Main	Method : Dilution:	Room and 15%	pillar								Density:	rigin (m)	2.85 85%					
Main							Indicated res	COURCES					5		Real reco	very of stope		of stope :
March   Marc		Area	Thickness	ı	from	\$	14. diet	landh	ologe	Grado	Grado	Tone	Grada	Ī	Tone	opul O oper		90
1	Block number	m <sup>2</sup>	m m			2	NO ST	CC	a idia	CC	olage	Diluted	Diluted	Ounces	2 2 2	ane onice		8
1   1   1   1   1   1   1   1   1   1	72-249	352.09	1.80	1806	189.70	191.00	190.35	1.30	52.50	33.3	19.05	2,077	16.57	1,106			912	~ .
1   2   273   1   2   273   274   2   273   2   273   2   2   2   2   2   2   2   2   2	78-451	428.71	5 60	2199	164.00	166.80	165.40	2.80	30.00	9.8	6.73	1.265	5.85	238			196	
18   18   18   18   18   18   18   18	85-101	637.93	9.	3273	70.70	71.20	70.95	0.50	55.00	20.4	4.64							
## 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	72-248		1.8		263.80	265.30	264.55	1.50	92.00	11.5	7.83							
118   1280   134   134   134   134   134   135   134	78-450		6. 6		169.80	171.60	170.70	1.80	15.00	11.1	2.87							
18	78-291		, c		132.80	134.40	133.60	3.60	55.00	2.8	1 17							
13   13   13   13   13   13   13   13	78-452		5 60		129.60	130.20	129.90	0.60	30.00	2.7	0.45							
### Standards Standards   See	66-841		8.1		213.20	213.70	213.45	0.50	70.00	1.7	0.44							
### Standing to degree ### Standing of vein 4 159m.    Room and pillar	Total											6,558	11.54	2,432				2
### Room and pillar   Pendage 20 degrés   Pendage 20 degrés	Fonnes totales ré	cupérées										5,574	11.54	2,067				
Room and pillar   Pendage 20 degres	chnical paramete	:. ::																
Pendage 20 degrés 90x30  Level elevation 4149 m, bottom of vein 4159m.  Level elevation 4149 m, bottom of vein 4159m.  Level elevation 4149 m, bottom of vein 4159m.  I alise 20 Sub level 20 Si 1,325 meters 51,325 meters 51,325 meters 51,475		Room and	pillar															
Interval   19   19   19   19   19   19   19   1		Pendage 2	20 degrés															
Invel   75   1256   1	mment:	Level eleva	ation 4149 m,	, bottom of ve	ein 4159m.													
\$1,225 meters \$1,475 meters \$1,475 meters \$1,475 meters \$84	velopment (m):	level raise sub level			75 20 50													
\$1,225 meters \$1,925 meters \$1,925 meters \$1,925 meters \$1,925 meters \$5,97 Tons \$5,67 Tons \$1,574 Tons \$1,574 Tons \$1,574 Tons \$2,005 \$1,574 Tons \$1,574 Tons \$2,570		1																
\$12 Tons Stope  \$,574 Tons Stope  2005  Gold price Expenses Net Gold price Net \$550  \$650 \$38,600  \$73,750  \$73,750  \$440,961  \$66,888  \$71,303,492 \$1,180,193 \$123,300 \$1,403,761 \$223,568  coast St. \$234	calse ub level ervices + Others coom and pillar thrinkage Stoping		meters meters Tons Tons Tons Tons Tons															
2005  Gold price Expenses Net Gold price Net \$550  75 \$91,875  50 \$7700  77 \$58,500  51,750  540,951  \$46,888  \$1,303,492 \$1,180,193 \$173,300  61,403,761  \$234  \$234  \$234  \$234,5234	fucking	\$12 5,574	Tons					Cost \$/oz	16									
Gold price         Expenses         Net         Sold price         Net           5650         \$91.875         \$700         8700           20         \$35.00         \$73.70         \$700           50         \$73.750         \$73.750         \$73.750           \$440.961         \$440.961         \$440.961         \$66.888           \$458.218         \$66.888         \$1,303.492         \$1,180,193         \$1,303.761         \$223,568           \$534         \$534         \$223,568         \$73.803         \$73.803         \$73.803	Recovered ounces		2005		_	CP- 88	5-50-SH-075	589 S/oz	_									
75 \$91,875 \$91,875 \$1,000 \$1,0			Gold price	Expenses	Net	Gold price	Net	Gold price	Net	Gold price	Net	Gold price	Net					
\$66.888 \$1,303,492 \$1,180,193 \$123,300 \$1,403,761 \$223,568 cost Sft \$234	taise sub level services + Others toom and pillar		ocoe					200		9								
\$223,568	shrinkage Stoping onghole Aucking			\$66,888														
			\$1,303,492 cost \$#	\$1,180,193	\$123,300	\$1,403,761	\$223,568	\$1,504,030	\$323,837	\$1,604,298	\$424,105	\$1,704,567	\$524,374					

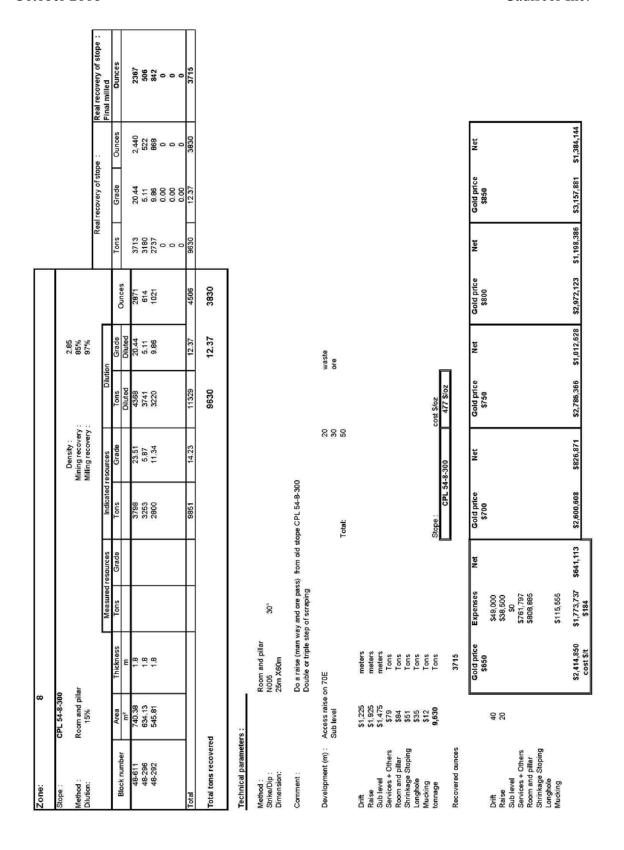


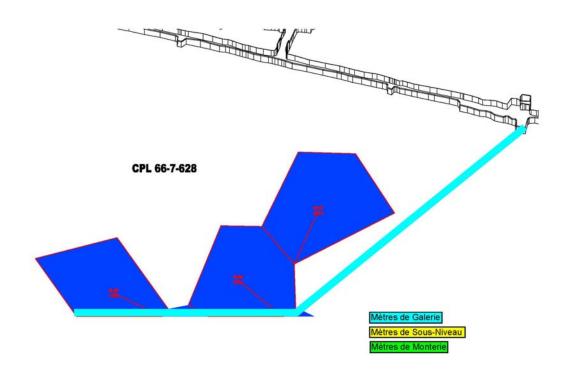




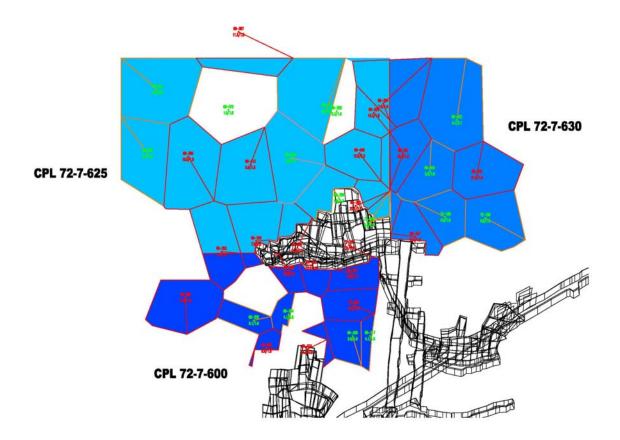


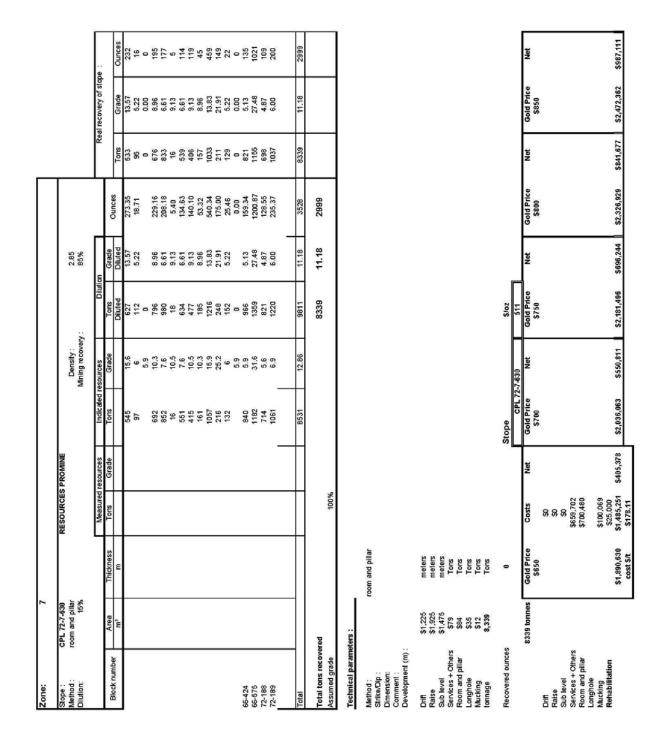




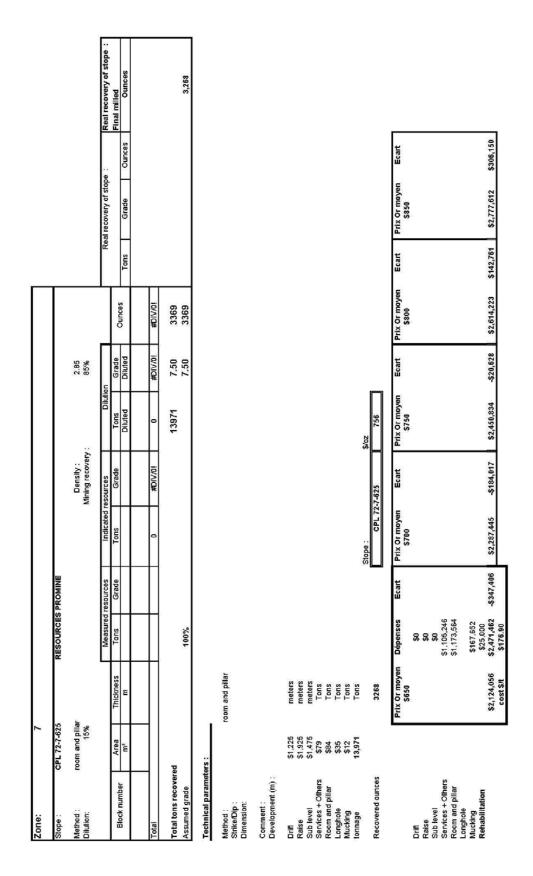


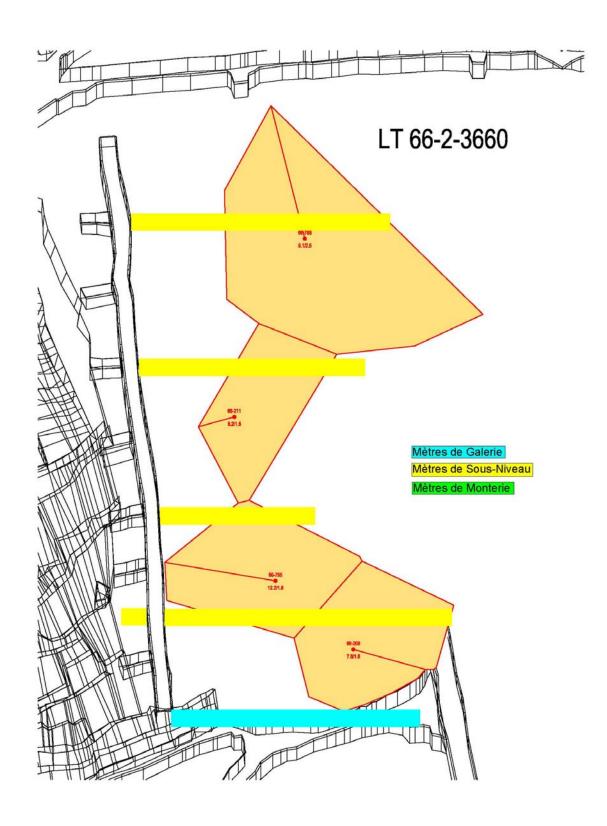
			Real recovery of stope:	Final milled	Ounces			4,166																				
					Onuces																	Net						\$842,581
			Real recovery of stope	No.	Grade																	Gold price	0000					\$3,540,938
<b>9</b>			Real	i.	Tons				6.78	5.83	11.48	9.15										Net						\$634,291
				Ounces	2000	#DIV/0i	4295	4295	4258	3711 1519	5117	14605										Gold price	0000					\$3,332,647
		2.85 85%		Grade	Diluted	#DIV/0i	9.15	9.15														Net						\$426,000
		TT.	Dilution	Tons	Diluted	0	14605													cost \$/oz	648 \$/oz	Gold price	00/0					\$3,124,357
		Density: Mining recovery:	sources	Grade		#DIV/0i														0	7-628	Net						\$217,710
			Indicated resources	Tons		0														Stope :	CPL 66-7-628	Gold price	00/6					\$2,916,066
	PROMINE		resources	Grade																0,		Net						\$9,419
	RESOURCES PROMINE		Measured resources	Tons				100%														Expenses	\$140,875	8	\$1.155.402	\$1,226,820	\$175,260	\$2,698,357 \$184.76
		5		Thickness	E					room and pillar				meters	motors	Tons	Tons	Tons	Tons	Tons	4166	Gold price	0000					\$2,707,776 cost \$/t
7	CPL 66-7-628	room and pillar 15%		Area	m²		Pa		ers :	1.				\$1,225	\$1,323	0.74.14	\$84	\$35	\$12 14 605	600. +		<u> </u>	115					
Zone:	Stope :	Method : Dilution:		Block number		Total	Total tons recovered	Assumed grade	Technical parameters :	Method :	Strike/Dip :	Ciliferial Soli.	Comment: Development (m):	Driff	Sub lovel	Services + Others	Room and pillar	Shrinkage Stoping	Longhole	tonnage	Recovered ounces		Drift	Raise	Services + Others	Room and pillar	Mucking	

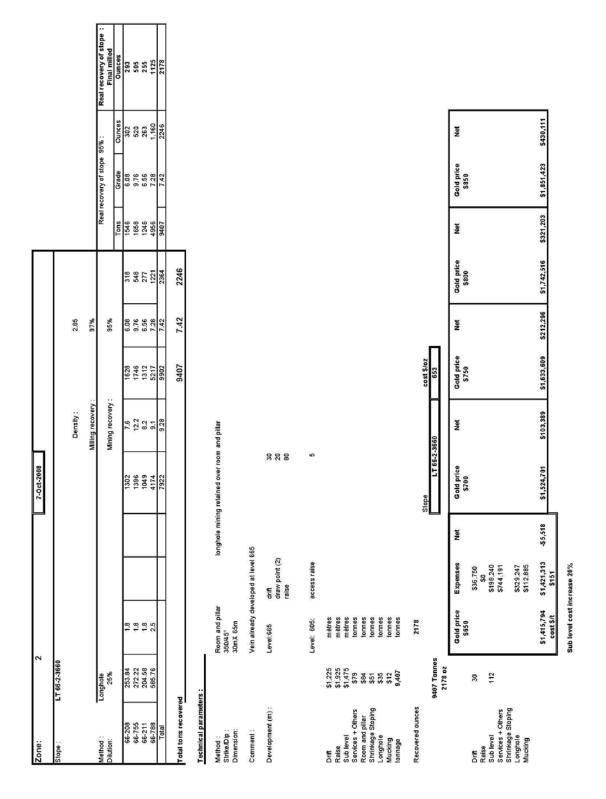


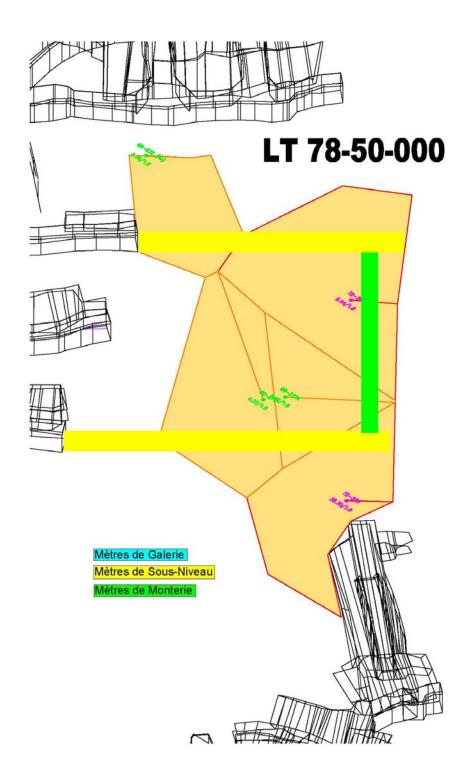


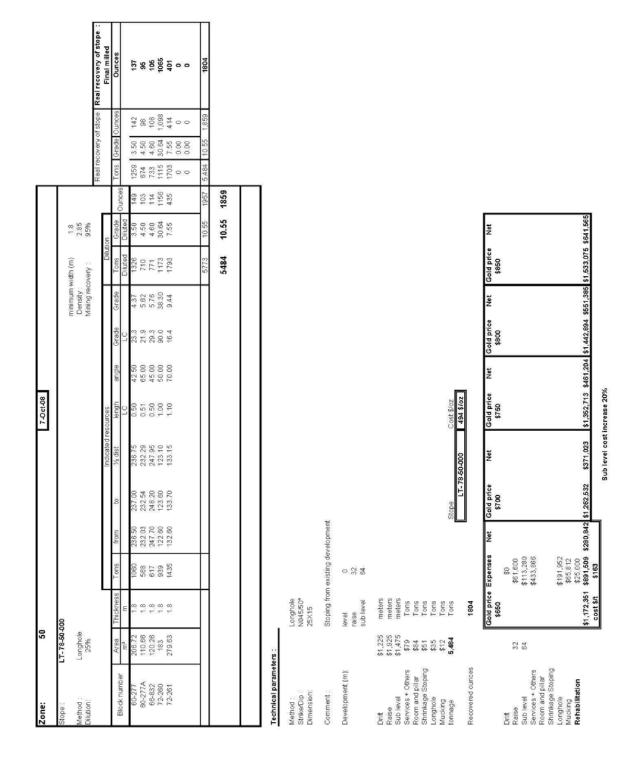
			Real recovery of stope :	Final mil	Grade Ounces Ounces			1,532											Prix Or moyen Ecart \$850	
			Real		Tons			4963											Ecart	
				0	Sanino	#DIV/0i	1580	1580											Prix Or moyen \$300	
		2.85 85%		Grade	Diluted	#DIV/OI	9.90	9.90											Ecart	
			Dilution	Tons	Diluted	0	4963	03400403									Cost \$/oz	583 \$/oz	Prix Or moyen \$750	
		Density: Mining recovery:	sonices	Grade		#DIV\Oi												-009	Ecart	
		2	Indicated resources	Tons		0											Stope:	CPL 72-7-600	Prix Or moyen \$700	
	PROMINE		resources	Grade													σĮ	_	Ecart	
	RESOURCES		Measuredr					100%											Dépenses \$0 \$0 \$392,623	\$416,892 \$59,556
			_	Thickness	Е					room and pillar			meters	Tons	Tons	Tons		1532	Prix Or moyen \$650	
7	CPL 72-7-600	room and pillar 15%		Area	m <sub>2</sub>		_		·	-			\$1,225	\$7,475	\$ \$8 38 38 38	\$12				
Zone:	Stope:	Method : Dilution:		Diack section	DIOCK HUILIDEL	Total	Total tons recovered	Assumed grade	Technical parameters	Method : Strike/Dip : Dimension:	Comment :	Development (m):	Drift Raise	Sub level Services + Others	Room and pillar Longhole	Mucking	•	Recovered ounces	Drift Raise Sub level Services + Others	Room and pillar Longhole Mucking

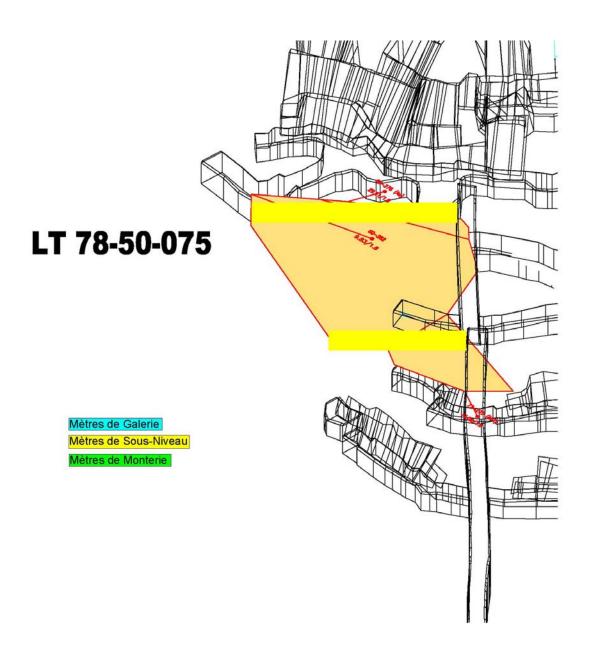












Zone:	90					Γ	7-Oct-08						Г				
Stope:	LT- 78-50-075	-075											Γ				
Method : Dilution:	Longhole 25%								and 1873	minimum width (m) Density: Mining recovery:	vidth (m)	1.8 2.85 95%					
						Indicated resources	ources				ē	lution		Real reco	Real recovery of stope		Real recovery of stope Final milled
Diagle of market	Area	Thickness	Tons	from	to	½ dist	lengh	angle	Grade	Grade		Grade		Tons G	Tons Grade Ounces	98	Ounces
DIOCK HUMBER	m <sup>2</sup>	Ц	Ш				rc		CC		Diluted	Diluted	Ources				
60-276 60-282 72-275	58.31 268.62 18.24	1.8 1.8 1.8	299 1378 94	265.51 266.17 125.00	266.17 266.67 125.60	265.84 266.42 125.30	0.66 0.50 0.60	65.00 62.50 60.00	39.00 39.90 48.8	29.91 9.83 14.09	374 1723 117	23.93 7.86 11.27	288 436 42	1636	23.93 273 7.86 414 11.27 40	~ -	265 401 39
Total	$\ $		1771							13.45	2213	10.76	99/	2,103	10.76 727	H	705
Tonnes totales récupérées	écupérées										2,103	10.76	727				
Technical parameters :	 Sel																
Method : Strike/Dip : Dimension:	Longhole ND45/50° 25X15																
Comment:	Stoping fre	Stoping from existing development	evelopment														
Development (m):	level raise sub level		0 0														
Driff Raise Sub level Services + Others Room and pillar Shrinkage Stoping Longhole Mucking	\$1,225 \$1,925 \$1,925 \$1,475 \$79 \$84 \$51 \$35 \$12 \$12	meters meters Tons Tons Tons Tons Tons Tons Tons		_	Stope LT-78	LT. 78-50-075	Cost 5/02 677 5/02	_									
Recovered ounces		205		-				_									
Drift Raise Sub level Services + Others Room and pillar	10 70 70	Gold price Expenses \$650 \$12.250 \$134,750 \$65,490 \$166,347	Expenses \$12,250 \$134,750 \$65,490 \$166,347	Net	Gold price \$700	Net	Gold price \$750	Net	Gold price \$800	Net Te	Gold price \$850	Vet Vet					
Shrinkage Stoping Longhole Mucking	_		\$73,596 \$25,233														
		\$458,560 cost \$/t	\$477,666	-\$19,105	\$493,834	\$16,168	\$529,108	\$51,442	\$564,382	\$86,716	\$599,656	\$121,990	_				
		Existing raise impossible to use raise 70 driff 10 sub level 37	ise impossi 70 10 37	ble to use		Sub level cost increase 20%	ncrease 20°,	8									

