

# GM 63586

TECHNICAL REPORT AND RECOMMENDATIONS, RECONNAISSANCE PROGRAM, NICHICUN PROJECT

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**ITEM 1: TITLE PAGE**

**Technical Report 43-101A1**

**Technical Report and Recommendations  
Reconnaissance Program  
Nichicun Project**

**VIRGINIA MINES INC.  
January 2008**

GM 63586

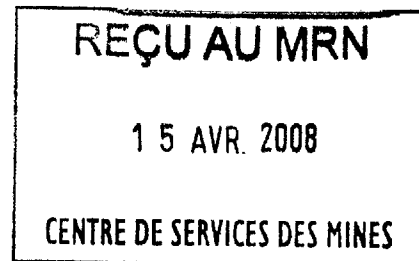
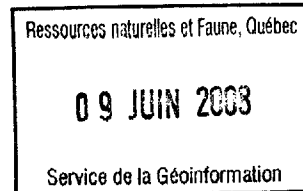
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*requête # 727925*

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**ITEM 3 : SUMMARY**

Following the discovery of a Au-bearing boulder (**2.3 g/t Au**) and two new Au showings (**2.2 g/ Au and 4.1 g/t Au**) in the summer of 2004, Virginia Mines Inc. decided to reevaluate them in fall 2005. This small mapping and prospecting campaign intended to verify and confirm the gold potential of the area. These previous works identified a favourable geological environment for Au mineralization defined by a large meta sedimentary package combined with As lake sediments anomalies.

Virginia Mines Inc. consolidated, in fall 2006, its field position by staking a new property covering over 680 km<sup>2</sup>. After this acquisition Virginia undertook an intensive prospecting and mapping program on its Nichicun project, James Bay during the summer of 2007. Exploration work was successful in finding several other mineralized boulders and outcrops. Based on the results of this exploration program, Virginia Mines Inc. acquired new claims covering 70 km<sup>2</sup> in the northern sector of the Nichicun project.

The main Nichicun block area returned numerous gold anomalies up to **39.2 g/t Au in grab samples**. The previous SE showing was re- sampled and returned **3.7 g/t Au in grab sample**, while a small trenching and channel sampling program was realized on the NW showing and returned **0.6 g/t Au / 3m**. In addition of the prospecting campaign, the geochemical till survey outlined a new gold trend with a unidentified source.

Gold mineralization was found in the new northern Nichicun block area, a favourable bi-modal volcanic context. The contact between the felsic and the mafic volcanic rocks returned values up to **8.5 g/t Au in a grab sample**. The extension of this mineralized context still needs to be investigated.

More mapping and prospecting over both areas is recommended in 2008. Work should be axed on finding the source of the geochemical gold trend, extending the gold bearing bi-modal context and following the mineralization in the SW showing area. A new geochemical survey should be made to improve the definition over the gold trend.

**ITEM 4 : INTRODUCTION AND TERMS OF REFERENCE**

Since the first work by Virginia in 2004, limited reconnaissance work has been periodically done in the Nichicun area. This persistent grass root prospecting returned numerous values up to 4.12 g/t gold on a grab sample (002306, Grenier, 2005) in a large meta sedimentary context combined with few weak As lake sediments anomalies.

The Virginia 2007 exploration program was designed to investigate the favourable geological context, review and extend the Au showings and verify As-Au-Cu-Pb-Zn lake sediment anomalies. The field work consisted of mapping, prospecting and rock sampling over the Nichicun property. A large till sampling campaign was simultaneously carried out to cover the entire Nichicun property and to outline new exploration targets.

This report provides the status of current technical geological information relevant to the latest Virginia Mines Inc. exploration program on the Nichicun project in Québec and has been prepared in accordance with the Form 43-101A1 Technical Report format outlined under NI-43-101. The report also provides recommendations for future work.

#### ITEM 5: DISCLAIMER

Co-author Louis Grenier, B.Sc. in Geology and Trainee Geologist for Virginia Mines has been involved in Nichicun project fieldwork campaigns (2004, 2005 and 2007). Co-author Mathieu Savard, B.Sc. in Resource Geology and Virginia's Project Geologist, reviews all projects and supervises all fieldwork conducted by Virginia Mines on its northern Quebec properties. Co-author Paul Archer, geological engineer with a M.Sc.A in Earth Sciences and Vice President, Exploration of Virginia is responsible for the design and is the qualified person for all Virginia's exploration programs.

#### ITEM 6: PROPERTY DESCRIPTION AND LOCATION

At the time of the field work, the Nichicun property was composed of four blocks of claims totalling 437 cells and covering approximately 223 km<sup>2</sup> in the James Bay area. At the end of December, Virginia consolidated its field position by joining the Nichicun northern block. 173 cells covering approximately 86 km<sup>2</sup> were added. The property is located 115 km SE of the LG-4 airport (James Bay) owned by Hydro-Quebec (Fig.1).

Geographical references and NTS sheets covered by the Nichicun property area :

<u>Main Nichicun Block</u>	<u>Northern block</u>
Latitude: 53°10' North	Latitude: 53°29' North
Longitude: 71°44' West	Longitude: 72°10' West
SNRC: 23E/03-04-05 and 06	SNRC: 33H/08 and 09
33H/01 and 08	UTM zone: 18 (NAD 27)
UTM zone: 19 (NAD 27)	NTS: 687 963 mE
NTS: 317 356 mE	5 930 486 mN
5 895 937 mN	

Refer to table appendix 4 for the list of claims and figure 2 and 3 for their location.

#### ITEM 7: ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRA-STRUCTURE AND PHYSIOGRAPHY.

The Nichicun project is located in the central part of the province of Quebec between the Caniapiscou reservoir to the northeast, the LG4 Hydro-Quebec installation to the west and the Mont Otish area to the south (Fig.1). Field operations were conducted from the Nichicun camp which is owned by Virginia Mines Inc. and located 90 km ESE of the LG-4 airport in the middle of the property. The camp and the property are only accessible by float- or ski-equipped aircraft

and by helicopter. Personnel and supplies were brought by road to Mirage Outfitter floatplane base, 106 km NW of the camp. Mirage is accessible by the all-season Trans-Taïga gravel road.

An Astar BA (Canadian Helicopters) was used for crew and material transport. All equipment, including fuel and supplies, were moved to Mirage Outfitter floatplane bases by truck and from there by airplane or helicopter to the campsites.

The landscape of the area is relatively flat with regions covered by low altitude rounded hills. Vegetation is typical of taiga including areas covered by forest with others, typically at the top of hills, devoid of trees. Large swamps occupy most of the valley area and the hydrographic network is well developed. At the 1: 250 000 scale, the La Grande and Sakami rivers are the major watercourses and substantial areas are occupied by large lakes (Amirault, Boisbriand, Joubert and Nichicun).

## ITEM 8: HISTORY

### 8.1 Property ownership

The Nichicun project is wholly owned by Virginia Mines Inc.

### 8.2 Previous works

Table 2 summarises the exploration work performed in sheets 23E/ 03, 04, 05, 06, 33H/ 01, 08 and 09 to date.

**Table 1. Summary of previous work performed in 23E/ 03, 04, 05, 06, 33H/01, 08 and 09**

Geological Survey of Canada (1966)

- Reconnaissance mapping at a scale of 1: 1 000 000 (Eade, 1966).

SDBJ (1978)

- Lake sediment geochemical survey of the Nitchequon Lakes area (SDBJ, 1978).

Ministry of Natural Resources of Québec (1996)

- Lake sediment geochemical survey of the Nitchequon Lake area (Choinière and Leduc, 1996).

Ministry of Natural Resources of Québec (1996)

- Reconnaissance mapping at a scale of 1: 250 000, SNRC 33H 1/8, 23E west. (Gauthier, 1996).

Ministry of Natural Resources of Québec (1998)



- Reconnaissance mapping at a scale of 1: 50 000, SNRC 33H/ 09. (Labbé and Bélanger, 1998).

Ministry of Natural Resources of Québec (2000)

- Reconnaissance mapping at a scale of 1: 250 000, SNRC 23E. (Lamothe and al., 2000).

Virginia Gold Mines Inc. - Cambior JV (1998-2001)

- Numerous field programs including prospecting, mapping, geophysical surveys and drilling over Mineral exploration permits (MEP) 1422, 1451 and 1421 (Noella) and surrounding area.

Virginia Gold Mines Inc. (2002-2005)

- Numerous field programs including prospecting, mapping, geophysical surveys and drilling on MEP 1422, 1451 and 1421 (Noella) and surrounding area.

## ITEM 9 : GEOLOGY

### 9.1 Regional geology

The following description of the regional geology is mainly taken from Gauthier (1996) and Lamothe (2000). The study area lies in the Superior Province at the junction of four lithotectonic domains, namely the Archean subprovinces of La Grande, Ashuanipi, Opinaca and Opatoca. The area is dominated by tonalites and granites hosting several Archean greenstone belts of kilometeric to deca-kilometric scale.

The main Nichicun block lies essentially in the Opinaca subprovince, composed of the Mercator formation (Lamothe, 2000). The large tonalitic intrusions belong to Tilly and the Joubert suites. The northern Nichicun block lies in the eastern part of the La Grand subprovince composed of the Dalmas formation (Lamothe, 2000).

A simplified description of the most abundant lithostratigraphic assemblages mapped during our exploration work is included below.

#### 9.1.1 Dalmas formation

The Dalmas formation is part of the Duhesme group and is composed of medium grey to greenish brown coloured lithic meta wacke. The metasediment is a quartzo-felspathic schist with <20% biotite, <10% garnet and locally hornblende. Fine to medium grained, granoblastic textured,

migmatites are locally observed. The 5-20% of pegmatite leucosomes was made of centimetre to decimetre scale injections parallel to the main foliation.

Large iron formations were found in the metasedimentary sequence. They are medium- to dark-green coloured banded rocks composed of centimetre-scale quartz-rich bands interlayered with silicate-rich bands (Pict.1). The silicate bands are composed of hornblende, garnet, actinolite, grunerite and biotite. The volume of sulphide ranges from trace to 20% of the rock and usually consists of a large proportion of pyrrhotite and pyrite. Arsenopyrite and chalcopyrite are also observed in samples. The chert bands are aphanitic to fine-grained and granoblastic, whereas the silicate bands are characterised by medium- to coarse-grained, porphyroblastic texture. Garnet porphyroblasts up to 1 centimetres in diameter are also present.

Large amphibolite layers are also found in the metasedimentary sequence. The amphibolite is a black to dark-green coloured rock essentially composed of hornblende and plagioclase with various proportions of quartz, actinolite, garnet, biotite, phlogopite, sericite, calcite and epidote (Pict.2). Metamorphism has created a range of aphanitic to medium-grained and granoblastic textures. Primary textures have been obliterated by the amphibolite- to granulite-facies metamorphism and by the strongly-developed regional schistosity.

Small magnesian rich silts associated to the amphibolite have also been mapped (Pict.3). They are light green to reddish brown coloured rock essentially composed of pyroxene, tremolite, magnetite and talc. The centimetre scale phenocryst texture is also stretched in the main schistosity.

### ***9.1.2 Mercator formation***

The Mercator formation is a large metasedimentary sequence covering over 95% of the prospected territory. The metasedimentary sequence is overlapping the granitic and tonalitic basement of the Joubert suite in the north. The discordant contact is marked by the Dalmas thrust fault.

The metawackes are mainly composed of plagioclase, quartz and biotite in various proportion. Accessory minerals include Kspar, muscovite, garnet, hornblende and magnetite. Medium- to dark-grey coloured rock, because of the high metamorphic grade, the quartzo-feldspathic gneisses are generally coarse-grained and granoblastic textured. Granitic leucosomes with centimetric to decimetric thickness are omnipresent. Throughout the prospected area, the wacke is related to a paragneiss of sedimentary origin composed of 60-70% wacke and with 30-40% pegmatitic injections due to partial melting (Pict.4). The eastern part of the property is affected by a higher metamorphic grade than the western part. It is related to an increasing proportion of the partial melt moving eastward.

A second metawacke unit is included in the Mercator formation. It is characterized by the presence of 5-20% sillimanite and cordierite in its composition (Pict.5). Light brownish grey coloured, the aluminosilicates have a porphyroblastic texture. The lineation was easily identified by the strong elongation of the aluminosilicate crystals. This metawacke unit was discontinuous but can be followed over the entire property along two E-W trends, one in the north and the other

in the south. Usually of a 10-20 meters thickness, close to the SE showings it is reaching over 200 metres.

Small to large iron formations were found in the metasedimentary sequence. They are from silicate to oxide type. The silicate type iron formations have the same characteristics as the Dalmas formation's ones described previously. The oxide type iron formations are dark-bluish-green coloured banded rocks composed of centimetre-scale quartz-rich bands interlayered with magnetite-rich bands. Both, the chert bands and the magnetite bands are aphanitic to fine-grained.

Amphibolites are also mapped in a small area located in the centre of the property. They have the same characteristics as the Dalmas formation's ones described previously.

## **9.2 Local geology**

The local geology is mainly taken from Alexis Ross-Gauthier observation's made during the field work 2007 and in his bachelor research project (in process). His work was focussed on the NW and the SE showings and includes a detail mapping, a characterization of the mineralization and a petrographic description based on macroscopic observations and on thin section descriptions. The characterization of the mineralization and the thin section descriptions will come later this year.

### **9.2.1 Geology of the NW Showing (Fig.4 and Pict.6)**

#### **9.2.1.1 S3, PG-QZ-BO-CL**

Light grey coloured meta- wackes composed of 45% plagioclases, 30% quartz, 20% biotite and 5% chlorite. The schistosity is well developed with one millimetre scale biotite bands. The meta-wackes are fine grained (1-2 mm), homogenous and granoblastic textured. Late chlorite veinlets (3 mm width) are discordant to the main schistosity. Usually, no mineralization is observed. 15% of millimetre- to centimetre scale quartz veins cut the whole facies.

#### **9.2.1.2 S3 (M4), SI+ PG-QZ-BO-CL-HB**

Light grey coloured and altered meta- wake composed of 45% quartz, 25% plagioclases, 15% biotite, 10% hornblende and 5% chlorite. The schistosity is less developed than the previous facies. The biotite bands are less preserved and a strong penetrating quartz alteration (20 to 30%) characterized this facies. Large ,30 cm width, quartz-plagioclases veins composed the major part of the rock. The meta- wacke was granoblastic textured and no mineralization was associated to it.

#### **9.2.1.3 S3 (M4), PG-QZ-BO-CL**

Light-medium grey coloured meta- wacke rock composed of 50% plagioclases, 35% quartz, 13% biotite and 2% chlorite. The schistosity is well developed with 1-3 mm biotite bands showing the

beginning of the gneissosity and the mafic segregation. Principally at the amphibolite metamorphisme grade, the paragneiss are granoblastic textured. Quartz-plagioclases composed thin veins (2-6 mm) from partial melting origin are parallel to the schistosity. Biotite is concentrated in millimetre scale schlierens. Rare traces of mineralization, pyrrhotite, is observed.

#### 9.2.1.4 S3, BO-QZ-PG-SR-CL-PO-PY

Light-medium grey coloured meta- wacke rock partially altered and composed of 35% biotite, 30% quartz, 15% plagioclases, 10% sericite, 5% chlorite and 5% sulphides. Foliated to schistous textured; the strong alteration hide the main deformation fabric. The metamorphism homogenised the whole rock with a granoblastic texture. The micas, sericite and biotite, make the penetrative potassic alteration. The mineralization is composed of millimetre- scale disseminated pyrrhotite and pyrite. The strong altered zone is 30 cm width and can be followed on all the facies length, over 200 meter. It includes numerous anomalous gold values.

#### 9.2.1.5 S3 (M4), PG-QZ-BO-CL-HB, vnQZ+

Light-medium grey-greenish coloured meta- wacke rock composed of 35% plagioclases, 30% quartz, 25% biotite, 5% chlorite and 5% hornblende. The schistosity is well developed and millimetre- scale quartz veins cover 10% of the facies. The millimetre- scale biotite bands are concentrated in a 20 cm width zone. Generally homogenous and granoblastic textured without the occurrence of mineralization. Big quartz-plagioclases phenocrysts are stretched (1:3 ratio) in the orientation of the schistosity.

#### 9.2.1.6 (M4), PG-QZ-BO-CL, vnQZ-

Same as the S3 (M4), PG-QZ-BO-CL facies described previously but with less quartz veins. The schistosity is less developed (may be ascribable to altered surface).

### 9.2.2 *Geology of the SE showings (Fig.5 and Pict.7)*

#### 9.2.2.1 M4 (M22) \$, QZ-PG-BO-GR-MV-HB

Medium grey coloured and medium grained gneissic rock composed of 40% quartz, 25% biotite, 20% plagioclases, 7% garnets, 5% hornblende and 3% muscovite. The gneissic texture is pronounced by the strong schistosity development. The high grade metamorphism developed the mafic segregation characterized by the millimetre- scale biotite bands. Quartz vein are stretched and dislocated in the main deformation. Garnet alteration may be observed. Mineralization is composed by a low percentages of disseminated and millimetre- scale pyrite and arsenopyrite. The quartz vein is mainly composed of quartz and accessory minerals has 5% plagioclases, 5% garnets, 5% sulphides, 3% biotite and 2% tourmaline.

#### 9.2.2.2 M4 (M22), QZ-PG-BO

Medium yellowish- grey coloured, medium grained paragneiss composed of 40% quartz, 35% plagioclases and 25% biotite. The schistosity is well developed and the meta- sedimentary rocks

have a granoblastic texture. 15 to 20% of quartz and plagioclases composed leucosome marked the high temperature metamorphism grade. Biotite schlierens are observed. Anatexic fold or poly- deformation pattern disturbed the main gneissosity. The biotite is weakly oxidized and gives a rusty colour. No mineralization is associated to this facies.

#### 9.2.2.3 M8 QZ-PG-BO

Medium yellowish- grey coloured, medium grained schist of meta- sedimentary origin composed of 45% quartz, 35% plagioclases and 20% biotite. The gneissic texture of the previous facies is replaced by a strong schistosity (Pict.8). Millimetre- scale leucosomes formed 5% of the rock. The biotite bands are discontinuous and present in a proportion of 10%. The whole rock is folded. Weak oxidation alteration is observed.

### ITEM 10 : DEPOSIT TYPE

This section is not applicable to this report.

### ITEM 11 : MINERALIZATION

This section describes mineralized zones discovered during the summer of 2007 by prospecting and mapping. The location of the new mineralized boulders and showings is presented in figure 6 for the northern block area and figure 8 for the main block area.

Refer to appendix 1 for the summary of each described outcrop, appendix 2 for the list of abbreviations used for geological description and appendix 3 for the certificates of analysis.

#### 11.1 Northern block area (Fig.6)

The gold potential of the northern block area is associated to a bi-modal volcanic context. Samples were collected in a metric scale altered contact between a felsic pyroclastite overlapping a thick mafic unit (Pict. 9). Two samples returned excellent gold values, **8.5 g/t and 2 g/t Au in grab sample (121747 and 121748 respectively)**. The contact can be followed over 500m and is still open in both direction.

The few days attributed to this area outlined a great potential of gold mineralization in a new favourable context. Others anomalous gold and silver values were obtained on outcrops and showings in the area. More investigation needs to be made.

Refer to table 2, table 3 and figure 7 for the grades and location of new mineralized outcrops and boulders.

Table 2 : Values obtained from outcrops on the northern block

Sample	Outcrop	Zone	Utm_E	Utm_N	Au g/t	Ag g/t	Cu%	Zn%	Ni%
121747	PM-NC-07-134	18	690547	5930352	8.5	1.7			
121748	PM-NC-07-135	18	690547	5930352	2.0	1.4			
121749	PM-NC-07-136	18	690547	5930352	0.4				
121975	MA-NC-07-065	18	688906	5932282	0.2				
121976	MA-NC-07-078	18	686143	5931899	0.4	3.7			

Table 3 : Values obtained from boulder prospecting on the northern block

Sample	Boulder	Zone	Utm_E	Utm_N	Au g/t	Ag g/t	Cu%	Zn%	Ni%
121973	MA-NC-07-051	18	692339	5933589	0.2				

## 11.2 Main block area (Fig.8)

The gold potential of the main block area is mainly associated to the large metasedimentary sequence wrapping a granodiorite to tonalite intrusion. Iron formation found in the paragneiss can also be a excellent context for gold mineralization.

The result are divided in two sections. The first section includes the new mineralized outcrops and the SE showings. The second section includes the results from the boulder prospecting and the geochemical survey. The result from the NW showing are presented in the channel sampling section discussed below.

### 11.2.1 Showings results

The best gold result obtained in the 2007 campaign is from the new discovered Scrou-Ten showing located in the NE area of the main block (Pict.10). Gold mineralization, **39.2 g/t Au in grab sample (121515)**, is associated to a arsenopyrite rich millimetre scale layer in a strongly metamorphosed metawacke. The entire rock is affected by anatexic folds. A limited channel sample was done (LG-NC-07-055, R-1 and R-2, Table 6) but did not return the same optimistic results. The deformation isolated meter scale shreds of iron formation or silicified wacke containing the mineralization (Pict.11). Another sample, 200m from the Scrou-Ten showing, returned **1.7 g/t Au in grab sample (121862)**. Even if few mineralized outcrops have been found in the area, the extension or the relation between each others is difficult to establish because the granitic leucosome usually occupied over 50% of the area.

At the SE showing, mineralization is associated to shredded decimetre scale quartz vein parallel to the main deformation. The re- sampling returned a value of **3.7 g/t Au in grab sample (121551)**. The prospecting was established to discover new veins in the vicinity of the previous one but the thick layer of overburden limited the work.

Refer to table 4 and figure 9 for the grades and location of new mineralized outcrops.

Table 4 : Values obtained from outcrops on the main block

Sample	Outcrop	Zone	Utm_E	Utm_N	Au g/t	Ag g/t	Cu%	Zn%	Ni%
121515	LG-NC-07-054	19	338188	5899278	<b>39.2</b>	<b>24.8</b>	0.10		
121516	LG-NC-07-054	19	338188	5899278	<b>0.8</b>	1.6			
121551	LG-NC-07-001	19	333286	5884368	<b>3.7</b>	1.3			
121739	LG-NC-07-096	19	303914	5900955	0.1				
121755	CD-NC-07-021	19	303964	5900881	0.1				
121757	CD-NC-07-023	19	303996	5900958	0.2				
121833	LG-NC-07-111	19	311833	5898287	0.2				
121834	LG-NC-07-107	19	311447	5898289	0.2				
121835	LG-NC-07-108	19	311455	5898287	0.2				
121837	LG-NC-07-110	19	311414	5898279	0.1				
121862	LG-NC-07-212	19	338179	5899210	<b>1.7</b>				
121863	LG-NC-07-215	19	338124	5899145	0.2				

### 11.2.2 Boulders prospecting and geochemical survey (Fig.10)

The compilation of the mineralized boulders with the till sampling survey gives information on the area covered by glacial deposit and gives new exploration targets.

Sampled boulders are usually from iron formation or strongly altered paragneiss. They are visually identified by their rusty colour or found with the BeepMat. Their sulphide content is dominated by the pyrrhotite but trace of pyrite, arsenopyrite and chalcopyrite are also observed. A cluster of gold anomalous boulders was found up ice from the NW showing and returned values up to **0.8 g/t Au in grab sample (121659)**. This cluster is located in the up ice extremity of weak gold till dispersion pattern. Even if the NW showing is located in this pattern, the distribution of the boulder showed the potential of an other source for the gold dispersion pattern.

The till analysis outlined a new gold dispersion pattern in the middle of the property. Few work have been made in this area and the source still to be discovered.

Refer to table 5 and figure 9 for the grades and location of new mineralized boulders. Refer to figure 10 for the till location.

Table 5 : Values obtained from boulder prospecting on the main block.

Sample	Boulder	Zone	Utm_E	Utm_N	Au g/t	Ag g/t	Cu%	Zn%	Ni%
121582	AG-NC-07-101	19	306057	5897666			0.20	0.10	
121587	AG-NC-07-111	19	311554	5898292	0.2				
121596	AG-NC-07-129	19	308174	5902488	0.4				
121622	JG-NC-07-058	19	321566	5893525	0.1				
121625	JG-NC-07-070	19	318644	5892266	0.2				
121626	JG-NC-07-071	19	318930	5891642	0.2				
121627	JG-NC-07-072	19	318532	5891405	0.1				
121628	JG-NC-07-074	19	318674	5891224	0.3				
121656	MB-NC-07-014	18	695576	5897962	0.1				
121659	MB-NC-07-026	19	308783	5902912	<b>0.8</b>				
121715	PM-NC-07-035	19	308304	5902683	0.2				
121716	PM-NC-07-037	19	308523	5902740	0.1				
121723	PM-NC-07-058	19	302947	5899794	0.1				
121724	PM-NC-07-059	19	302871	5899870	0.7				
121844	LG-NC-07-132	19	317609	5890813	0.1				
121901	AG-NC-07-134	19	308020	5901669	0.1				
121911	AG-NC-07-149	19	308762	5902812	0.2				
121916	AG-NC-07-154	19	308047	5904547	0.4				

### 11.3 Channel samples (Fig.4 and 8)

A small channel sampling campaign was executed over the NW and the Scrou-Ten showings. Only few meter long channels were done from the Scrou-Ten showing to find the extension of the mineralization. The major part of the channel sampling program was made over the NW showing. 7 channels were cut perpendicularly of the mineralized band and spread over 200 meter long. The best values are associated to weakly silicified metawacke with trace to 2% sulphides. The pyrrhotite is the major sulphide but arsenopyrite is observed and is directly associated to the gold contain. The best value obtained is **0.6 g/t Au / 3 meters**.

Refer to table 6 for a summary of the description and the grade.



Table 6. Channel sample values over Nichicun property.

	From	to	Lenght	# sample	Lithology	Au ppb	Au g/t	Comments
LG-NC07-055 R-1	0.00	1.00	1.00	121518	S3, FP-QZ-BO-(AC), sc,hj,gf,loc.vnFP-QZ(mm+); rtrPO-PY-AS	81	0.08	
	1.00	2.00	1.00	121519	S3, FP-QZ-BO-AC, sc,hj,gf,loc.vnQZ(mm); rtrPO-PY	202	0.20	0.2 g/t AU / 1m.
	Total		2.00					
LG-NC07-055 R-2	GRAB			121859	M8(BO-SR), QZ-GR-BO-SR,hj,sc++,gg,gb; tr-3PY-PO, rtrAS, trCP	675	0.68	
	GRAB			121860	M*(BO-SR), QZ-BO-SR-GR, gg,gb,hj,sc+++,Loc vn(mm)QZ; tr-1PY, rtrCP	49	0.05	
	0.00	0.85	0.85	121861	M8(BO-SR), QZ-BO-SR-GR-PG, gg,sc+++,gb,hj; tr-3PY-Podi	38	0.04	
	Total		0.85					
JL-NC04-029 R-1	0.00	1.00	1.00	121543	S3, FP-QZ-BO-AL-(DP?), gf,sc,hj,loc.phcx(mm)AC,loc.inj.FP(mm); rtrPO	20	0.02	
	1.00	2.00	1.00	121544	S3, FP-BO-QZ-AC-(DP?-EP), ap-gf,hj,sc,1vnFP-QZ(mm),loc.vnEP(mm); rtrPOdi	29	0.03	
	2.00	3.00	1.00	121545	S3, FP-BO-QZ-(AC), hj,sc+,gf,2vnQZ(mm-cm); tr-3PO,tr-1PY,tr-1ASdi et striger	132	0.13	0.16 g/t AU / 2m.
	3.00	4.00	1.00	121546	S3, FP-QZ-BO-AC, gf,sc,hj,1ruFP-QZ-AC(mm); tr-1POdi et stringer, trPY, trAS	181	0.18	
	4.00	4.50	0.50	121547	S3, FP-QZ-BO, sc,hj,gf-gm; rtrPO fin di	62	0.06	
Total		4.50						
JL-NC04-029 R-2	0.00	1.00	1.00	121548	S3, FP-QZ-BO-(AC), sc,hj,gf,loc.vnFP-QZ(mm+); rtrPO-PY-AS	46	0.05	
	1.00	2.00	1.00	121549	S3, FP-QZ-BO-AC, sc,hj,gf,loc.vnQZ(mm); rtrPO-PY	31	0.03	
	2.00	3.00	1.00	121550	S3, FP-BO-QZ-AC-(DP?), sc,hj,ap-gf,2vnQZ-FP(mm-cm); tr-1PO, tr-1PYdi	38	0.04	
	3.00	4.00	1.00	121801	S3, FP-QZ-BO-AC-(HB),sc,hj,gf-ap,2vnQZ(cm); tr-8POdi et stringer, tr-1ASdi, trPY	41	0.04	
	4.00	5.00	1.00	121802	S3, FP-BO-QZ-(AC), sc,hj,gf,2-3vnQZ(mm), loc.inj.QZ-AC(mm); trPO-Pydi, rtrCP	90	0.09	
	5.00	6.00	1.00	121803	S3, FP-QZ-BO-(AC-HB), sc,hj,gf,1vnQZ(mm),loc.M8(BO); trPOdi	42	0.04	
	6.00	7.00	1.00	121804	S3, FP-BO-QZ-AC-(HB), gf-gm,hj,sc,1inj.FP-QZ-AC,2vnQZ(mm); trPO-Pydi	40	0.04	
Total		7.00						
LG-NC07-095 R-3	0.00	1.00	1.00	121805	S3/S9, FP-BO-QZ-AM, gf,sc-ru,hj,5ruAC-HB-GU(cm+),loc.vnQZ(mm); rtrPO	5	0.01	
	1.00	2.00	1.00	121806	S3/S9, FP-BO-QZ-AC-(GU?), sc+,gf-gm,hj,2hzS9 riche en AM; rtrPY-Podi	21	0.02	
	2.00	3.00	1.00	121807	S3/S9, Contact à 70cm, 30cm de S9, FP-QZ-AM-GP, ap-gf,ru,hj; tr-2PO-Pyfin di et stringer	8	0.01	
	3.00	4.00	1.00	121808	S3, FP-BO-QZ-(AC), sc,hj,gf,loc.vnQZ(mm); tr-1PO fin di	178	0.18	0.15 g/t AU / 2m.
	4.00	5.00	1.00	121809	S3, FP-BO-QZ-(AM), sc,hj,gf,loc.hz(cm)FP-AC; trPOdi	115	0.12	
Total		5.00						

LG-NC07-095 R-4	0.00	1.00	1.00	121810	S3 Si+,FP-QZ-BO, ap-gf,sc++,hj,loc.vnQZ-FP(mm); trPO fin di, rtrAS	<5	0.00	
	1.00	2.00	1.00	121811	S9/S3, Contact 50cm S9, QZ-GP-GR-(FP), ap,sc+++,hj,gros hz GP; tr-1PO dans S3	7	0.01	
	2.00	3.00	1.00	121812	S9, QZ-GR-AM, ru,ap,hk,ru(cm)GP avec ru(cm)S10; rtrPO-PY	6	0.01	
	3.00	4.00	1.00	121813	S9, QZ-GP-FP-AC-GU, ru,hj,ap-gf,ru(cm)S10 avec ru(cm)AM-GP; 5-10POdi et stringer	18	0.02	
	<b>Total</b>		<b>4.00</b>					
LG-NC07-095 R-5	0.00	1.00	1.00	121814	S3, FP-QZ-BO-(AM), sc+,gm,hj,2-5vnQZ(mm),loc.inj.FP-AC-GU; tr-1POdi et stringer(mm)	21	0.02	
	1.00	2.00	1.00	121815	S3/S9, 25cmS9, FP-QZ-BO-GP-AM, sc+++,hk,ap-gf,2vnQZ(cm); tr-3PO, tr-2PY, rtrCP	29	0.03	
	2.00	3.00	1.00	121816	S9, QZ-BO-AM-GP, sc+++,hk,gf-gm,5vnQZ(mm); tr-3PO-Pydi et stringer	49	0.05	
	3.00	4.00	1.00	121817	S3, FP-QZ-BO-(AC), sc,gf,hj,2vnQZ(mm-cm); tr-3PO-Pydi et stringer, tr-1ASdi	748	0.75	0.63 g/t AU / 3m.
	4.00	5.00	1.00	121818	S3 K+, FP-BO-QZ-(AM), sc+++,gf,hj,loc.vnQZ(mm); tr-1PO-Pydi, loc.15PO-PY stringer, rtrASdi	529	0.53	
	5.00	6.00	1.00	121819	S3, FP-BO-QZ-(AC), sc+,hj,gf, tr-2PO-PY; tr-1AS fin di	606	0.61	
	6.00	7.00	1.00	121820	S3/S9, 15cm de S9, FP-BO-QZ-AC-(GU), sc+++,hk,gf-gm,2-3vnQZ-FP(cm); tr-2PO-PY	16	0.02	
	<b>Total</b>		<b>7.00</b>					
LG-NC07-096 R-6	0.00	1.00	1.00	121821	S3, FP-QZ-BO-GR-AC, sc+,hj,gf-gm,2pqGR(mm),2vnQZ(cm); tr-3POdi et stringer	42	0.04	
	1.00	2.00	1.00	121822	S3 Si+K+, FP-QZ-BO-AC, sc+,hj,gf,3vnQZ(cm); tr-5POdi et stringer	337	0.34	0.34 g/t AU / 1m.
	2.00	3.00	1.00	121823	S3/S9, FP-QZ-BO-GR-AM, hk,ap-gf,sc+++,3-5vnQZ(cm); tr-4PO, tr-2PYdi et stringer	20	0.02	
	3.00	4.00	1.00	121824	S3, FP-BO-QZ-(AC), gf-gm,hj,sc,3-5vnQZ(mm-cm); tr-7PO-PYdi, trASdi	65	0.07	
	4.00	5.00	1.00	121825	S3 K+, FP-BO-QZ-AC, hj,gm,sc,1vnQZ(mm); trPOdi	60	0.06	
	5.00	6.00	1.00	121826	S9, QZ-FP-AM-GP, hk,gf-gg,sc-ru, ru(cm)S10 et ruAM-GP; tr-1PO	71	0.07	
	6.00	7.00	1.00	121827	S3/S9, 10cm S9, FP-BO-QZ, hj,gm,sc+++,1vnQZ(cm); rtrPOdi	42	0.04	
	<b>Total</b>		<b>7.00</b>					
LG-NC07-096 R-7	0.00	1.00	1.00	121828	S3, FP-QZ-BO-(AC-HB), sc,hj,gf-gm,loc.vnQZ(mm),loc.inj,QZ-AM(cm); rtrPOdi	6	0.01	
	1.00	2.00	1.00	121829	S3/S9, 20cm S9, QZ-FP-AM-GR, ap-gm,hk,ru,2pqAM(mm+); tr-1PO-Pydi, tr-1AS	45	0.05	
	2.00	3.00	1.00	121830	S3, QZ-FP-BO, sc,hj,gm,loc.vnQZ(mm-cm); rtrPO	<5	0.00	
	<b>Total</b>		<b>3.00</b>					

**ITEM 12 : EXPLORATION WORK****12.1 Prospecting and geological mapping**

Prospecting and geological mapping was carried out from June 7<sup>th</sup> to July 4<sup>th</sup> 2007 on the main block and from July 16<sup>th</sup> to July 22<sup>th</sup> 2007 on the northern block. All geological data was collected by geologists Martin Aucoin, Louis Grenier, Joëlle Guérin, Philippe Morin and Alexis Ross-Gauthier assisted by Mario Bolduc, Caroll Désormeaux, Louis-David Durocher and Guillaume Lefrançois from Virginia Mines Inc. The work took 280 man/days (including mobilisation and demobilisation).

A total of 852 outcrops were described from which 178 samples were obtained. 169 additional rock samples were collected from boulders.

Prospecting surveys were done on selected targets in NTS 1:50 000 sheets 23E/03, 04, 05,06, 33H/01, 08 and 09. Based on the sample location, 80% of the total exploration cost are applicable to the claims.

**12.2 Geochemical survey**

The geochemical survey, till sampling campaign, was executed by Les Consultants Inlandsis Enr. The fieldwork was carried out from July 5<sup>th</sup> to July 15<sup>th</sup> 2007. All geochemical work was executed by a team of three workers under the supervision of Rémi Charbonneau, Project Geologist with a Ph.D. in earth science. It took, including the mobilisation and demobilisation, 30 man/days to execute the till sampling campaign.

A total of 200 till samples were picked up during the campaign. Each of these samples weight between 10.6 to 20,3 kilograms and were composed of till or sand and gravel.

The geochemical survey were done to cover the entire property in NTS 1:50 000 sheets 23E/03, 04, 05, 06, 33H/01 and 08. Based on the till sample location, 50% of the total exploration cost are applicable to the claims.

**ITEM 13 : DRILLING**

This section is not applicable to this report

**ITEM 14 : SAMPLING METHOD AND APPROACH****14.1 Rock Samples**

Rock samples collected during the 2007 reconnaissance program were obtained to determine the elemental concentrations in a quantitative way by ALS Chemex, Val d'Or. These included both mineralized and barren rocks, the latter of which were selected for lithological controls. Samples

were collected at the bedrock surface by either a hammer or a saw at sub-surface. All the collected samples were located with the use of a GPS instrument. Samples from the trench were positioned relative to one other using the GPS position of the trench.

For surface sampling, most of the weathered crust was removed before samples were bagged. All samples were placed in individual bags with their appropriate tag number and the bags were sealed with fibreglass tape. Individual bagged samples were then placed in shipping bags. The authors are not aware of any sampling or recovery factors that would impact the reliability of the samples.

## **14.2 Till samples**

Till samples collected during the 2007 till sampling campaign were obtained to determine the quantities of total, reshaped, modified and pristine gold grains by Overburden Drilling Manager, Nepean Ontario. After this analyse, the concentrated part was send to ALS Chemex, Val d'Or, for the elemental concentration in a quantitative way analysis (in process). Samples have been collected on the overburden deposit by digging with a shovel to the appropriate horizon and they all have been located with the use of a GPS instrument.

All samples were placed in individual bags doubled by caution and tagged with their appropriate number. Bags were sealed with fibreglass tape or with plastic tie straps. The authors are not aware of any sampling or recovery factors that would impact the reliability of the samples.

## **ITEM 15 : SAMPLE PREPARATION, ANALYSIS AND SECURITY**

### **15.1 Sample security, storage and shipment**

Samples were collected and processed by the personnel contracted by Virginia. They were immediately placed in appropriates sample bags, tagged and recorded with unique sample numbers. Rocks sealed samples were placed in shipping bags, which in turn were sealed with plastic tie straps or fibreglass tape. Bags remained sealed until the ALS Chemex Val-d'Or or Overburden Drilling Management personnel opened them.

All samples were initially stored at the campsite. Samples were not secured in locked facilities, this precaution deemed unnecessary due to the remote location of the camp. Rocks samples were then loaded onto a pickup truck for transport to Val-d'Or where Virginia personnel delivered them to the ALS Chemex sample preparation facility.

### **15.2 Sample preparation and assay procedures**

#### **15.2.1 Rock samples**

After logging in, the samples were crushed in their entirety at the ALS Chemex preparation laboratory in Val-d'Or to >70% passing 2 mm (ALS Chemex Procedure CRU-31). A 200- to 250-g sub-sample was obtained after splitting the finer material (<2 mm). The split portion

derived from the crushing process was pulverized using a ring mill to >85% passing 75 µm (200 mesh - ALS Chemex Procedure PUL-31). From each such pulp, a 100-g sub-sample was obtained from another splitting and shipped to the ALS Chemex laboratory for assay. The remainder of the pulp (nominally 100 to 150 g) and the rejects are held at the processing lab for future reference. The AU + SCAN analytical packages have been used.

The Au + SCAN package includes Au, Ag, Al, As, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, S, Sb, Sc, Sr, Ti, V, W, and Zn. All elements, except Au, were determined by the ME-ICP41 Procedure. Au was determined by the AA23 Procedure. For the sample with the value higher than 10 g/t Au, the analysis was repeated with the GRA21 Procedure.

### **15.2.2 Till samples**

The Overburden Drilling Management Ltd. laboratory processed the till samples for gold grain count using shaking table concentration only. No heavy liquid refining was used.

After logging in, the samples are identified, organized and weighted at the Overburden Drilling Management Ltd. laboratory in Nepean, Ontario. Sample were splitted and one fraction (350g) of each sample is stored as a original sample protection process. The other split portion is sieved to a fraction sized inferior to 2 millimetre. The split portion larger than 2 millimetre is weighted and archived. The fraction left is concentrated with the separation table method and micropanning method if required. During this step each sample was characterized and visible gold grain count was effectuated. The calculate assay value is effectuated as the last step of the processing sequence. The ultimate concentrated fraction is weighted and archived for future verification.

The ALS Chemex laboratory process the till sample for the elemental concentration in a quantitative way analysis. The ALS Chemex laboratory received he fraction of sample sized inferior to 2 millimetre obtained by Overburden Drilling Management Ltd laboratory. From there, sample are treated similarly has the rock samples and analysed for the AU + SCAN packages described previously.

## **ITEM 16 : DATA VERIFICATION**

Due to the relative grassroot nature of the exploration program, rigorous data verification procedures were not deemed necessary. The authors were involved in the collecting, recording, interpretation and presentation of data in this report and the accompanying maps. The data has been reviewed and checked by the authors and is believed to be accurate. ALS Chemex, as part of their standard quality control, ran duplicate check samples and standards. No sample was assayed at other laboratories. It is considered somewhat less important in grassroot projects, which are generally characterized by small batches of unmineralized to weakly-mineralized samples.

## **ITEM 17 : ADJACENT PROPERTIES**

This section is not applicable to this report.

**ITEM 18 : MINERAL PROCESSING AND METALLURGICAL TESTING**

This section is not applicable to this report.

**ITEM 19 : MINERAL RESOURCE, MINERAL RESERVE ESTIMATES**

This section is not applicable to this report.

**ITEM 20 : OTHER RELEVANT DATA**

This section is not applicable to this report.

**ITEM 21 : INTERPRETATION AND CONCLUSIONS**

280 man/days were spent prospecting, sampling and mapping different targets derived from Au-As-Cu-Pb-Zn lake sediment anomalies, occurrences of potentially-favourable lithologies and positive results obtained during the previous campaign. 30 man/days were added for a geochemical survey covering the entire property.

The summer 2007 reconnaissance campaign on the Nichicun property confirms the potential of Au mineralization on the main block area and discovered a new gold favourable context on the northern block area..

The new **8.5 g/t Au** discovery on the northern block area outlined the potential of gold mineralization associated to the felsic and volcanic rock. The alteration, the deformation and the shallow dipping layering angle may be associated to a major thrust fault. The extension of this favourable horizon is known over 500 meter and still open in all directions.

On the main block, mapping and prospecting around the NW showing extended the favourable altered metawacke layer over 200 meter. Even if the channel sampling campaign did not return high grade results, the anomalous gold content confirmed the gold potential of the paragneiss. On the the SE showing, mineralization is associated to strongly deformed shreds of quartz vein. No others veins have been discovered and theirs discontinuity makes them hard to follow.

The new Scrou-ten showing, **39.2 g/t Au**, is located in a high metamorphosed area. The mineralization is associated to small windows of altered paragneiss or iron formation floating in a granitic leucosome. Again in this case, the high deformation level and their discontinuity make them hard to follow.

The compilation of the geochemical till survey and the boulder data confirmed the gold potential of the NW showing and extended the favourable context to the NE. The boulders discovered in

this area can not come from the NW showing and their sources is still to be found. Another potential area was outlined by the geochemical survey. Located in a weakly explored area, the gold source is still to be discovered.

**ITEM 22 : RECOMMANDATIONS**

Interesting results were obtained during the 2007 reconnaissance campaign and further work is proposed. Prospecting and mapping should be effectuated on the northern area favourable mineralized contact. More work should be done in the NW showing area and in an up ice direction to find the source of the gold trend in the till. For the new gold trend discovered in the middle of the main block, prospecting and mapping supported by another till survey could be undertaken.

Because of the high deformation, high metamorphism and their low volume potential, the Scrou-Ten area and the SE showing could be a second priority target for further exploration campaign. Because of the quaternary coverage, mechanical trenching would be necessary to improve the understanding and the potential of the SE showing area.

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ITEM 24 : DATE AND SIGNATURES PAGE

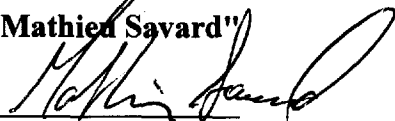
CERTIFICATE OF QUALIFICATIONS

I, *Mathieu Savard*, resident at 109 Chemin des Mélèzes, Lac Beauport, Qc, G3B 2B5, hereby certify that:

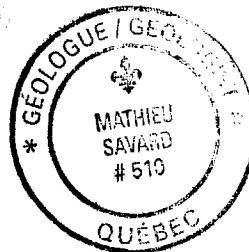
- I am presently employed as a Senior Geologist with Virginia Mines inc., 116 St-Pierre, Suite 200, Québec, Qc, G1K 4A7.
- I have received a B.Sc. in Geology in 2000 from the Université du Québec à Montréal.
- I have been working as a geologist in mineral exploration since 1997.
- I am a professional geologist presently registered to the board of the *Ordre des Géologues du Québec*, permit number 510.
- I am a qualified person with respect to the Nichicun Project in accordance with section 5.1 of the national instrument 43-101.
- I supervised the Nichicun project from June to August 2007.
- I am responsible for writing the present technical report in collaboration with the other author, utilizing proprietary exploration data generated by Mines Virginia inc. and information from various authors and sources as summarized in the reference section of this report.
- I am not aware of any missing information or changes, which would have caused the present report to be misleading.
- I do not fulfill the requirements set out in section 5.3 of the National Instrument 43-101 for an «independant qualified person» relative to the issuer being a direct employee of Mines Virginia inc.
- I have been involved in the Nichicun project since 2007.
- I have read and used the National Instrument 43-101 and the Form 43-101A1 to make the present report in accordance with their specifications and terminology.

Dated in Québec, Qc, this 30<sup>th</sup> day of January 2008.

"Mathieu Savard"



Mathieu Savard, B.Sc., P. Geo.



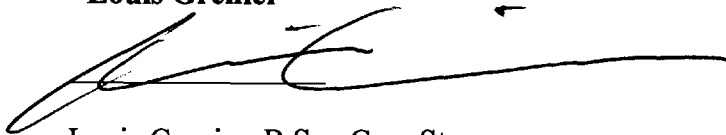
**CERTIFICATE OF QUALIFICATIONS**

I, *Louis Grenier*, resident at 88 E#4 Chemin du Lac Brochet, St-David-de-Falardeau, Qc, G0V 1C0, hereby certify that:

- I am presently employed as Geologist in training with Virginia Mines inc., 116 St-Pierre, Suite 200, Québec, Qc, G1K 4A7.
- I have received a B.Sc. in Geology in 2003 from the Université Laval.
- I have been working as a geologist in training in mineral exploration since 2001.
- I am a geological in training presently registered to the board of the *Ordre des Géologues du Québec*, permit number 800.
- I am not a qualified person with respect to the Nichicun Project in accordance with section 5.1 of the national instrument 43-101.
- I visited the region in August 2004, September 2005, and from June to August 2007.
- I am responsible for writing the present technical report in collaboration with the other author, utilizing proprietary exploration data generated by Mines Virginia inc. and information from various authors and sources as summarized in the reference section of this report.
- I am not aware of any missing information or changes, which would have caused the present report to be misleading.
- I do not fulfill the requirements set out in section 5.3 of the National Instrument 43-101 for an «independant qualified person» relative to the issuer being a direct employee of Mines Virginia inc.
- I have been involved in the Nichicun project since 2004.
- I have read and used the National Instrument 43-101 and the Form 43-101A1 to make the present report in accordance with their specifications and terminology.

Dated in Québec, Qc, this 30<sup>th</sup> day of January 2008.

**"Louis Grenier"**



Louis Grenier, B.Sc., Geo. Stag.

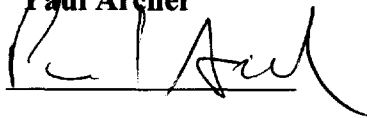
**CERTIFICATE OF QUALIFICATIONS**

I, *Paul Archer*, resident at the 4772 rue du Courlis, St-Augustin-de-Desmaures, Qc, G3A 2B5, hereby certify that:

- I am presently the Vice President, Exploration with Mines Virginia inc., 116 St-Pierre, Suite 200, Québec, Qc, G1K 4A7.
- I received a B.Sc. in Geological Engineering from the Université du Québec à Chicoutimi in 1979 and a M.Sc.A. in Earth Sciences from the Université du Québec à Chicoutimi in 1982.
- I have been working as a professional geologist in exploration since 1980.
- I am an active professional engineer in geology presently registered to the board of the *Ordre des Ingénieurs du Québec*, permit number 36271.
- I am a qualified person with respect to the Trieste Project in accordance with section 5.1 of the national instrument 43-101.
- I have already visited the immediate region where the exploration activities were undertaken.
- In collaboration with the other two authors, I have supervised the preparation and edited all sections of this report utilizing proprietary exploration data generated by Virginia Mines inc. and information from various authors and sources as summarized in the reference section of this report.
- I am not aware of any missing information or change, which would have caused the present report to be misleading.
- I do not fulfill the requirements set out in section 5.3 of the National Instrument 43-101 for an «independant qualified person» relative to the issuer being a direct employee of Virginia Mines inc.
- I have been involved in the Nichicun project since 2004.
- I read and used the National Instrument 43-101 and the Form 43-101A1 to make the present report in accordance with their specifications and terminology.

Dated in Québec, Qc, this 30<sup>th</sup> day of January 2008.

**"Paul Archer"**



Paul Archer, M.Sc., P. Eng.



**ITEM 25 : FIGURES**

## **NUMÉRIQUE**

**PAGE(S) DE DIMENSION HORS STANDARD  
NUMÉRISÉE ET POSITIONNÉE À LA SUITE DES  
PRÉSENTES PAGES STANDARDS.**

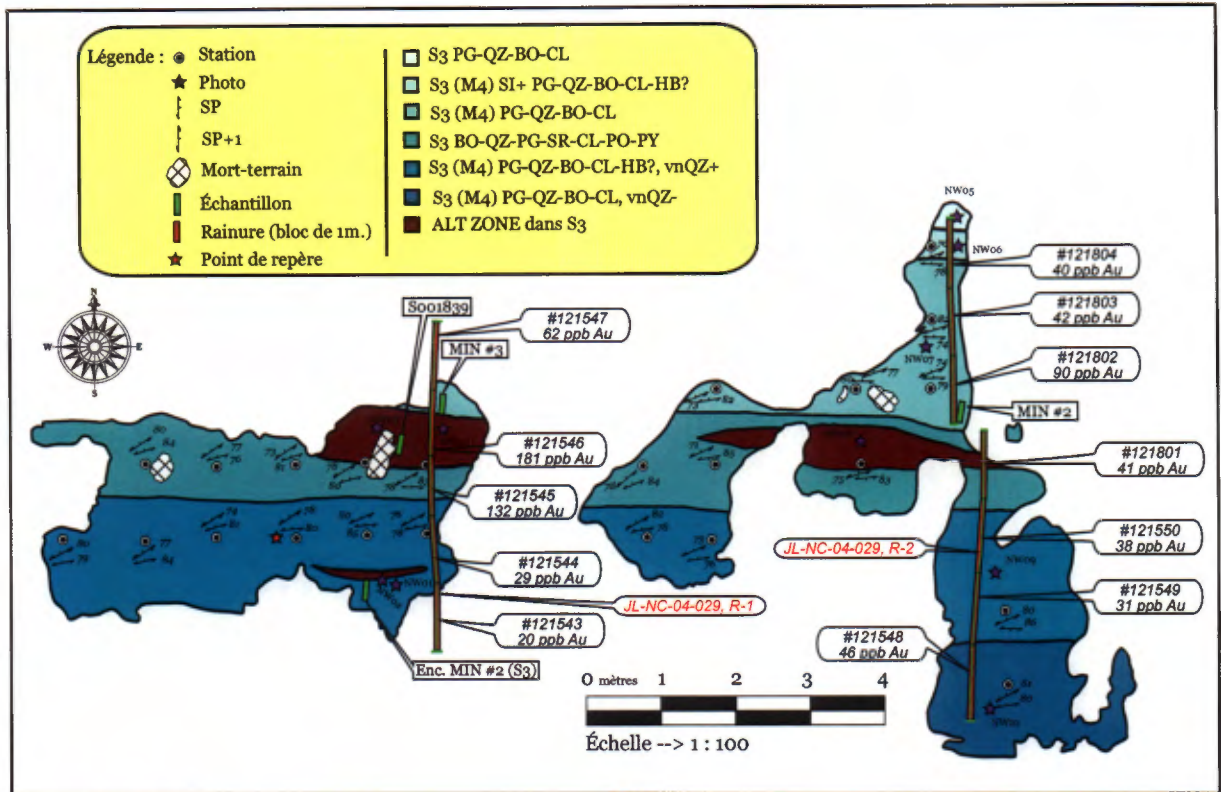


Figure 4 : NW showing (JL-NC-04-029).

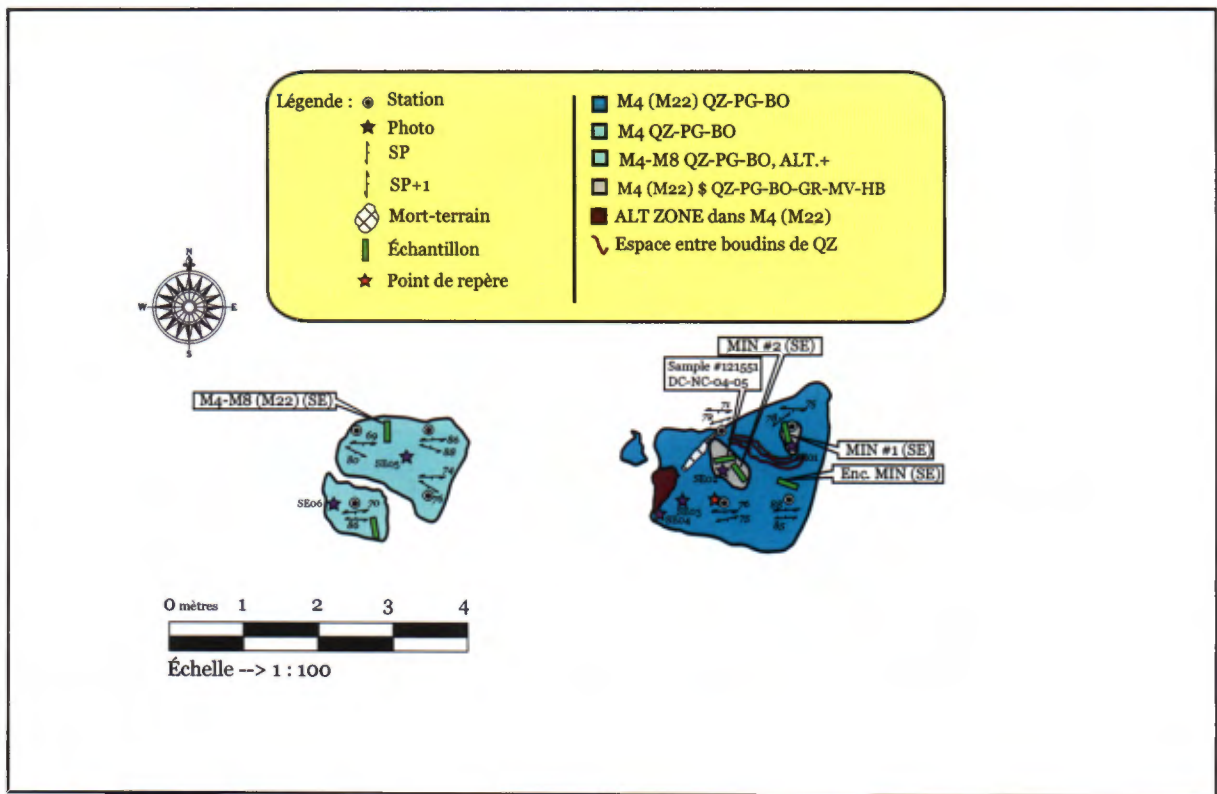
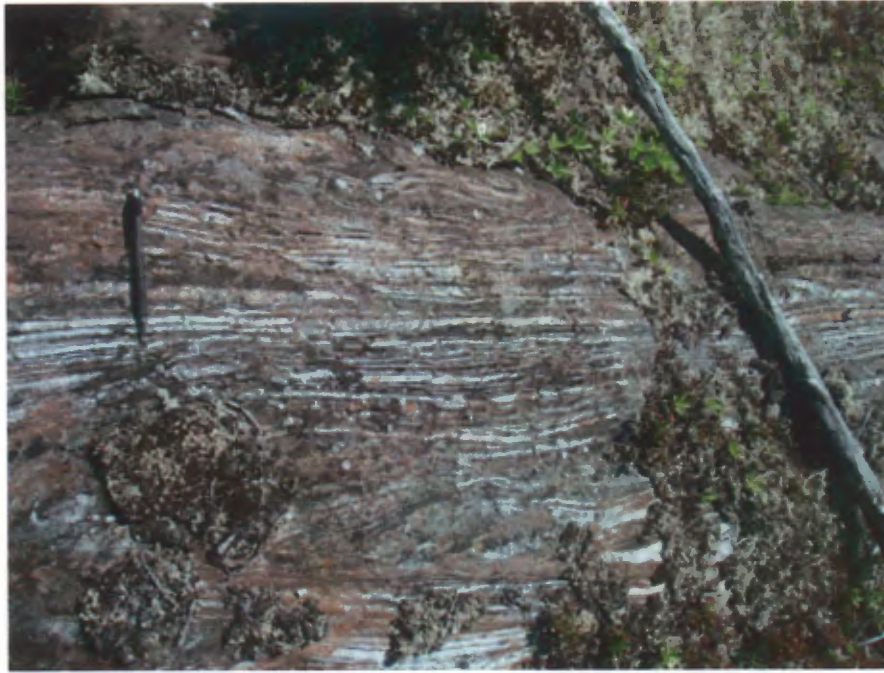


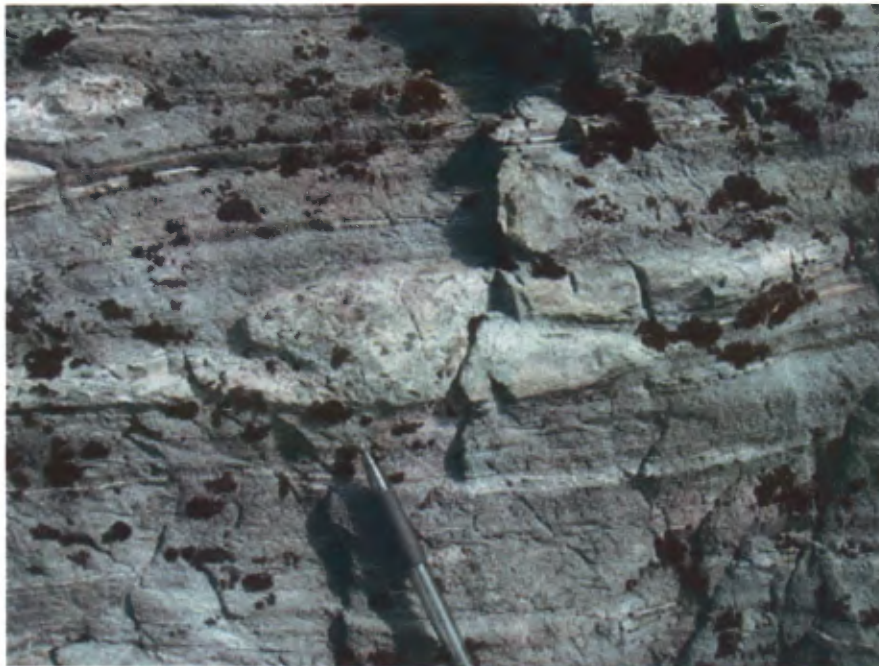
Figure 5 : SE showing (DC-NC-04-005).

**ITEM 26 : PICTURES**

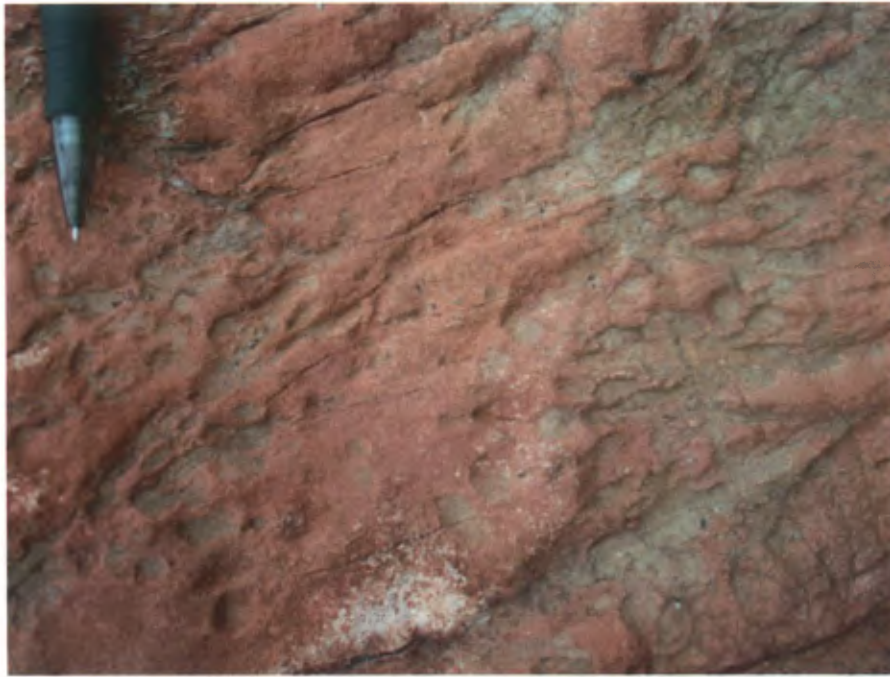




Picture 1: Iron Formation (LG-NC-07-099).



Picture 2: Amphibolite (LG-NC-07-182).



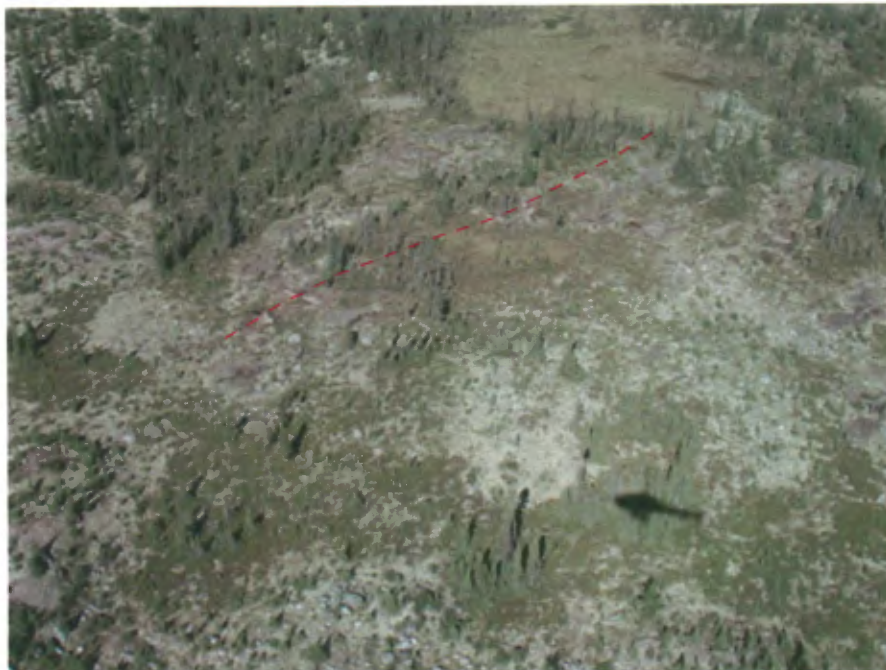
Picture 3: Magnesian rich silts phenocrysts textured (LG-NC-07-194).



Picture 4: Paragneiss with anatectic folds (LG-NC-07-035).



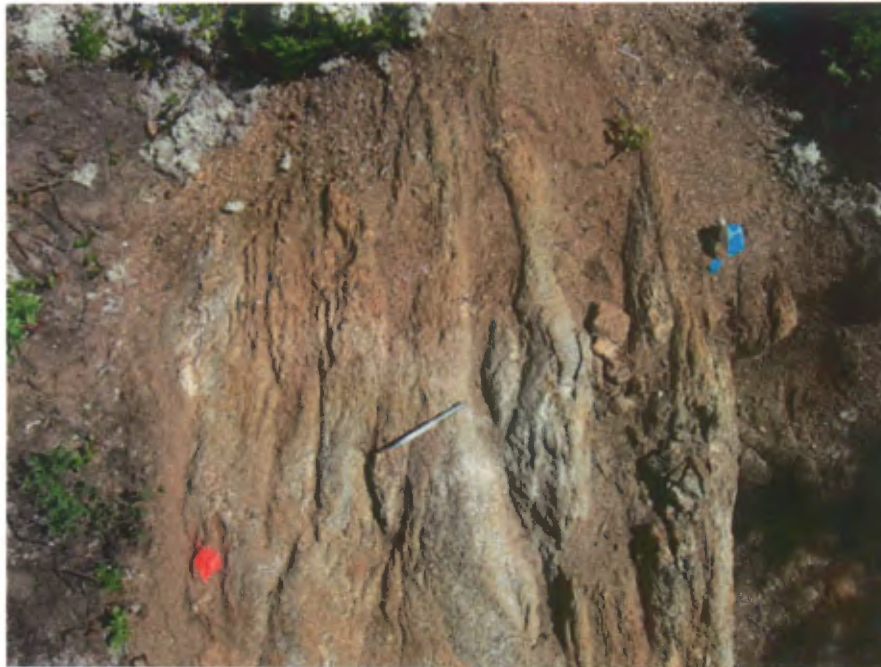
Picture 5: Paragneiss with sillimanite porphyroblasts (AG-NC-07-001).



Picture 6: NW showing and the mineralization trend.



**Picture 7: Mineralized quartz veins on the SE showings.**



**Picture 8: Altered biotite schist on the SE showing.**



Picture 9: Mineralized contact between the felsic and mafic volcanic rocks (PM-NC-07-134).



Picture 10: Scrou-Ten showing (LG-NC-07-055).



Picture 11: Mineralized outcrops 200 meters from Scrou-Ten showing (LG-NC-07-212).

## Appendix 1. Summary of described outcrops.

outcrops	Litho_1	Mineralogie	Litho_code	Mineralisation	Zone	Utm_E	Utm_N
AG-07-NC-106	M4	PG-QZ-BO-MV-SM-GR	S3		19	333619	5884475
AG-07-NC-107	M4	PG-QZ-BO-MV-SM-GR	S3		19	333555	5884388
AG-07-NC-108	M4	PG-QZ-BO-MV-SM-GR	S3		19	333405	5884301
AG-07-NC-109	M16	HB-PG-BO-GR-QZ	V3B	1PY-POdimm,GP	19	333172	5884190
AG-NC-07-001	M4(SM-CD)	QZ-BO-FP-SM-CD-GR	S3	trPY-PO	19	333476	5884397
AG-NC-07-002	S3-M4(SM)	QZ-PG-BO-SM-CD-MV	S3		19	333307	5884424
AG-NC-07-003	I3A	HB-PG-QZ-MG	I3A		19	333322	5884408
AG-NC-07-004	S2-S3,M4(SM)	QZ-PG-BO-SM-MV	S3		19	333545	5884532
AG-NC-07-006	I3A	HB-PG-QZ-MG	I3A	1PY,trPO	19	333879	5883043
AG-NC-07-007	I3A	HB-PG-QZ-MG	I3A	trPY-PO	19	333939	5883202
AG-NC-07-034	S2-S3	QZ-PG-BO	S2-S3		19	335028	5885345
AG-NC-07-035	I1D	QZ-PG-BO	I1D		19	335040	5885312
AG-NC-07-036	M4	QZ-PG-BO	S3		19	335159	5885492
AG-NC-07-037	S3	PG-QZ-BO	S3		19	335180	5885630
AG-NC-07-038	S3	PG-QZ-BO	S3		19	335231	5885684
AG-NC-07-039	S3-M4	PG-QZ-BO	S3		19	334891	5885615
AG-NC-07-040	I3A	PG-HB-OX-GR-PH-MG	I3A		19	334810	5885577
AG-NC-07-044	V3B/S9	HB-PG-BO	V3B	loc 5PO,trPY	19	333673	5886191
AG-NC-07-045	V3B/S9	HB-PG-BO	V3B	loc 5PO,trPY	19	333673	5886191
AG-NC-07-050	V3B	HB-PG-BO-(EP)	V3B	trPY	19	311825	5904525
AG-NC-07-051	V3B (UM)	HB-PG-BO-DP-(QZ)-	V3B (UM)	trPY	19	311493	5904750
AG-NC-07-052	I1G	PG-QZ-BO	I1G		19	311738	5904446
AG-NC-07-053	I1G	PG-QZ-BO	I1G		19	311783	5904353
AG-NC-07-054	I1G	PG-QZ-BO	I1G		19	311795	5904245
AG-NC-07-055	S3	HB-PG-QZ-BO	V3B	1PO,2PO loc.di.	19	311789	5904233
AG-NC-07-058	I1G	PG-QZ-BO	I1G		19	311997	5903571
AG-NC-07-059	S3	PG-QZ-HB-BO	S3	trPO	19	311953	5903548
AG-NC-07-060	S3	QZ-PG-BO	S3		19	311894	5903463
AG-NC-07-061	I1G/S3	PG-QZ-BO-TL	I1G/S3		19	311797	5903312
AG-NC-07-062	I1G	PG-QZ-MV	I1G		19	311667	5902998
AG-NC-07-063	M4	PG-QZ-BO-GR-SM	S3		19	311667	5902998
AG-NC-07-064	I1G/S3	PG-QZ-BO-MV-FL-(FU)	S3/I1G		19	311615	5901556
AG-NC-07-065	I1G/S3	PG-QZ-BO-TL-MV	I1G/S3		19	311804	5901517
AG-NC-07-066	I1G/S3	PG-QZ-BO-TL-MV	I1G/S3		19	312034	5901521
AG-NC-07-067	I1G	PG-QZ-BO-MV-HM-TL	I1G		19	312492	5899730
AG-NC-07-090	S3/M22	PG-QZ-BO	I1D		19	312905	5899270
AG-NC-07-091	M4	QZ-PG-BO	S3		19	307771	5907886
AG-NC-07-092	M1	PG-QZ-BO	M3	trPY	19	307740	5907645
AG-NC-07-093	I1D	QZ-PG-MV-(BO)-(GR)	I1D		19	306166	5907252
AG-NC-07-094	I1D	QZ-PG-MV-(BO)-(GR)-(FK)	I1D		19	305940	5907226
AG-NC-07-095	I1G	PG-QZ-BO-MV-GR-TL	I1D		19	305696	5907198
AG-NC-07-096	I3A	HB-PG-BO	I3A	trPO-PYdi	19	305974	5906942
AG-NC-07-097	I1D	QZ-PG-MV-(BO)	I1D		19	306032	5906885
AG-NC-07-098	I1D	QZ-PG-MV-(BO)-(GR)	I1D		19	305969	5906160
AG-NC-07-099	I1D	QZ-PG-MV-(BO)	I1D		19	304824	5905708
AG-NC-07-103	I3A	HB-PG-(BO)-(MG)	I3A	3PO,trPYdimm	19	304897	5897217
AG-NC-07-104	I1D	PG-QZ-MV-MG-(BO)	I1D		19	303354	5896918
AG-NC-07-105	I1D	PG-QZ-MV-MG-(BO)	I1D		19	303195	5896877
AG-NC-07-112	I1D	PG-QZ-BO	I1D		19	311563	5898381
AG-NC-07-113	M4	PG-HB-QZ-BO-GR-MG	S3	trPY-POdimm	19	311376	5898371
AG-NC-07-114	S3	PG-QZ-BO-MV-HB	S3	trPO-PYdimm	19	311376	5898400
AG-NC-07-116	S9D	HB-PG-QZ-BO-MG-GR	S9D	1PO-PYdimm	19	311433	5898287
AG-NC-07-117	M4/S3	PG-QZ-MV-BO	S3		19	311433	5898275
AG-NC-07-124	S3	PG-QZ-BO	S3		19	305121	5899931
AG-NC-07-125	I1D	PG-QZ-BO-TL	I1D		19	304914	5900783
AG-NC-07-126	S2-S3 SR+ SI+	HB-PG-BO-GR-(QZ)	S2-S3	2PO, 1PY di-mm	19	308067	5902708
AG-NC-07-127	S3	PG-QZ-BO-GR	S3		19	308077	5902589
AG-NC-07-135	I1D	PG-QZ-BO-TL	I1D		19	308062	5901570
AG-NC-07-138	S3/S9D	PG-QZ-BO-GR-HB	S3/S9D	2PO,trPY (pour sample)	19	308665	5902894
AG-NC-07-139	S3	PG-QZ-BO	S3		19	308230	5902716
AG-NC-07-142	S3	PG-QZ-BO	S3		19	308367	5902706
AG-NC-07-143	S3/M8	PG-QZ-BO-GR	S3		19	308476	5902810
AG-NC-07-144	S9D/S3	HB-QZ-GU-PG-GR-BO	S3/S9D	3PO,trPYdi-mm	19	308573	5902862
AG-NC-07-145	S3/S9D	HB-QZ-PG-GU-GR-BO	S3/S9D	5PO,2PY,2ASdi-aamm	19	308594	5902886
AG-NC-07-146	S3/S9D	PG-QZ-BO-GR-HB	S3/S9D	10PO,1PYdi-mm	19	308648	5902880
AG-NC-07-148	S3/M4	PG-QZ-BO-MV-(HB)	S3	trPY ds mob.I1D	19	308707	5902908

AG-NC-07-226	V3B	HB-PG-BO-(QZ)	V3B		19	301319	5931393
AG-NC-07-227	V3B	HB-PG-(BO)-(GP)	V3B	3PY,2POdimm	19	301395	5931428
AG-NC-07-228	V3B	HB-PG-(CX)-MG	V3B		19	301734	5931525
AG-NC-07-229	I4	HB-CX-PG-BO-TC	I4	2PY,tPOdimm-aamm	19	301790	5931832
AG-NC-07-230	V3B	HB-PG-BO-QZ-SR	V3B		19	301927	5931824
AG-NC-07-231	M16	HB-PG-QZ-SR-BO	V3B	2PY stringers et di-mm	19	304446	5931983
CD-NC-07-006	M4 (SM)	QZ-PG-BO	S2		19	340663	5897157
CD-NC-07-007	M4	QZ-PG-BO	S3		19	335145	5885580
CD-NC-07-008	I1D	QZ-FP-BO			19	335214	5885658
CD-NC-07-019	M4	BO-QZ-FP	S3		19	304261	5901331
CD-NC-07-020	M4(S3),S9D	BO-QZ-FP, QZ-HB-GN		trPO	19	303852	5900883
CD-NC-07-021	M4(S2),S9D	FP-QZ-BO, QZ-HB-GN		1PO	19	303964	5900881
CD-NC-07-022	M4(S2),S9D	FP-QZ-BO, QZ-HB-GN		trPO	19	303887	5900864
CD-NC-07-023	M4(S3),S9D	BO-QZ-FP, QZ-HB-GN		2PO,trAS	19	303996	5900958
CD-NC-07-024	M4(S3),S9D	BO-QZ-FP, QZ-HB-GN		trPO	19	304098	5900952
CD-NC-07-025	M4	BO-QZ-FP	S3		19	304311	5900974
CD-NC-07-026	S2	FP-QZ-BO-GR			19	304178	5901147
CD-NC-07-027	M4	BO-QZ-FP	S3		19	304191	5901116
CD-NC-07-028	M4(S3),S9D	QZ-HB-GP-MG		1PO	19	304232	5900916
CD-NC-07-029	M4	BO-QZ-FP	S3		19	304196	5901003
CD-NC-07-030	M4	BO-QZ-FP			19	304112	5901072
CD-NC-07-031	S9D	QZ-HB-GN-MG		1PO,trPY	19	311388	5898352
GL-NC-07-003	M22	QZ-PG-BO-MV			19	339993	5896902
GL-NC-07-004	M22	QZ-PG-BO-MV			19	338651	5897214
GL-NC-07-005	I1G	QZ-PG-BO			19	338675	5897369
JG-NC-07-001	I3A-I3B	QZ-PG-HB	I3A	MGdi	19	333312	5884383
JG-NC-07-002	M4	QZ-BO-FP-SM-CR	S1		19	333695	5884389
JG-NC-07-042	I1D	QZ-PG-BO	I1D		19	328735	5894249
JG-NC-07-043	I1D	QZ-PG-BO	I1D		19	328534	5893471
JG-NC-07-044	I1D	QZ-PG-BO-FP	I1D		19	328478	5893341
JG-NC-07-045	I1D	QZ-PG-BO	I1D	MG	19	328510	5893097
JG-NC-07-046	I1D	QZ-PG-BO	I1D		19	328512	5892989
JG-NC-07-047	S9D	QZ-BO-PG	I1D	5GP,2PY	19	328406	5892602
JG-NC-07-048	M4	FP-QZ-BO-HB	S1		19	328300	5892429
JG-NC-07-049	I1D	QZ-PG-BO	I1D		19	328017	5892351
JG-NC-07-050	S9D	QZ-BO	S9D	1PY,1AS	19	327997	5892342
JG-NC-07-051	I3A	QZ-PG-BO	I3A		19	327502	5891477
JG-NC-07-052	M4	QZ-BO-PG	S1		19	327501	5891492
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JG-NC-07-061	M4(M22)	QZ-PG-BO-MV	S1		19	320262	5893413
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JG-NC-07-065	M4	QZ-BO-MU-FP	S3		19	308336	5900238
JG-NC-07-067	I1C	PG-FP-QZ-BO	I1C	MG	19	308703	5898374
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JG-NC-07-069	M4	FP-QZ-BO	S3-S9D		19	318443	5892536
JG-NC-07-073	I3A	FP-CX-QZ	I3A		19	318539	5891333
JG-NC-07-075	M4	FP-CX-BO	S3		19	318674	5891224
JG-NC-07-076	I3A	BO-QZ-PG-CX	I3A		19	318681	5891198
JG-NC-07-077	S2	QZ-FP-BO-(AM?)	S2		19	319716	5890869
JG-NC-07-078	M4	FP-QZ-BO	S3		19	319479	5891009
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JG-NC-07-080	M4	FP-QZ-BO	S3		19	318818	5890206
JG-NC-07-081	I1D	PG-QZ-HB-BO-FP	I1D		19	342524	5899659
JG-NC-07-082	I1D	PG-QZ-HB-BO-FP	I1D		19	342472	5899086
JG-NC-07-083	I1D	PG-QZ-HB-BO	I1D		19	342351	5897883
JG-NC-07-084	I1D	PG-QZ-HB-BO	I1D		19	343003	5897779
JG-NC-07-085	I1D	PG-QZ-HB-BO-FP	I1D		19	342285	5897718
JG-NC-07-086	I1D	PG-QZ-HB-BO-FP	I1D		19	341889	5897918
JG-NC-07-087	I3A	PQ-AM-QZ	I3A		19	341773	5897428
JG-NC-07-097	M16	HB-PG-QZ	M16		19	310337	5902118
JG-NC-07-098	M4	QZ-PG-BO-HB	S3		19	310392	5902715
JG-NC-07-099	I1D	PG-QZ-MU-BO-FP	I1D		19	310444	5902746
JG-NC-07-100	I1D	PG-QZ-MU-BO	I1D		19	310498	5902711
JG-NC-07-101	I1D	PG-QZ-MU-BO	I1D		19	310506	5902923
JG-NC-07-102	M4	QZ-PG-BO	S3		19	310793	5903354
JG-NC-07-103	M4	QZ-PG-BO	S3		19	310814	5903456



JG-NC-07-112	M4	QZ-PG-BO-MU-SM-CR	S1	1PY,1AS,2GP	19	338959	5897915
JG-NC-07-113	M4	QZ-PG-BO-MU-SM-CR	S1		19	338855	5897870
JG-NC-07-114	M4	QZ-PG-BO-MU-SM-CR	S1		19	338806	5897795
JG-NC-07-115	S2	QZ-PG-BO	S2		19	338997	5897648
JG-NC-07-144	M5(S2)	QZ-PG-BO	S2		19	323668	5895249
JG-NC-07-145	M5(S2)	QZ-PG-BO	S2		19	323621	5895075
JG-NC-07-146	M5(S2)	QZ-PG-BO-HB	S2		19	323532	5894523
JG-NC-07-147	I1D	QZ-PG-BO-HB	I1D		19	323716	5894125
JG-NC-07-149	S3	BO-PG-QZ	S3	1MO	19	323819	5893493
JG-NC-07-150	S3	QZ-PG-BO	S3		19	324119	5893475
JG-NC-07-151	M5(S2)	QZ-PG-BO	S2		19	324294	5893651
JG-NC-07-152	M5(S2)	QZ-PG-BO	S2		19	324495	5893773
JG-NC-07-154	M5(S2)	QZ-PG-BO	S2		19	325347	5894284
JG-NC-07-155	M5(S2)	QZ-PG-BO	S2		19	325516	5894350
JG-NC-07-156	M5(S2)	QZ-PG-BO	S2		19	325619	5894299
JG-NC-07-157	I1D	QZ-PG-EP-HB-BO	I1D		19	325451	5893983
JG-NC-07-158	I1D	QZ-PG-EP-HB-BO	I1D		19	325339	5893695
JG-NC-07-160	M4	QZ-BO-HB-GR	S3	1PYPO,1GP,rtrAS	19	325152	5893247
JG-NC-07-162	M4	QZ-PG-BO	S3		19	329111	5892268
JG-NC-07-164	S3	QZ-PG-BO-CA	S3		19	328725	5892570
JG-NC-07-165	S9D(M4)	QZ-HB-BO-GP-PG	S9D	5GP	19	328527	5892567
JG-NC-07-166	S3(M4)	QZ-PG-BO	S3		19	328376	5892497
JG-NC-07-168	S3(M4)	QZ-PG-BO	S3		19	328113	5892492
JG-NC-07-169	S3(M4)	QZ-PG-BO	S3		19	327979	5892580
JG-NC-07-171	I1D	QZ-PG-BO-FP	I1D		19	327254	5893177
JG-NC-07-172	I1D	QZ-PG-BO	I1D		19	327159	5892990
JG-NC-07-173	I1D	QZ-PG-BO	I1D		19	326305	5893110
JG-NC-07-174	I1D	QZ-PG-FP-BO	I1D		19	326237	5893173
JG-NC-07-175	S3	QZ-PG-BO	S3		19	326189	5893128
JG-NC-07-176	M5(S2)	QZ-PG-BO	S2		19	326134	5893079
JG-NC-07-177	S3	QZ-BO-PG-GR	S3		19	326115	5893052
JG-NC-07-178	S3(M4)	QZ-PG-BO	S3		19	325839	5892812
JG-NC-07-241	I3A	HB-PG	I3A	1PYPO disséminé	19	302741	5934006
JG-NC-07-242	V3B	PG-HB-QZ	V3B		19	302739	5934008
LG-NC-07-001	M1(M22)	QZ-BO-PH-FP-(TL)	M4	5-8PO,1-2PY	19	333286	5884368
LG-NC-07-002	M22/S9D	QZ-GU-HB-GR	S9D	tr-2PO,rtrAS	19	333288	5884335
LG-NC-07-003	S9D/M4(M22)	QZ-GU-HB-GR	S9D	tr-2PYdi	19	333365	5884260
LG-NC-07-004	M1(M22)	QZ-BO-FP	M4		19	333403	5884010
LG-NC-07-015	M1(I1D)	FP-QZ-(BO-HB)	I1D		19	339813	5899425
LG-NC-07-016	M4	QZ-FP-BO	S3		19	340066	5898992
LG-NC-07-018	I1G	FP-QZ-(BO)	I1G		19	340294	5898718
LG-NC-07-019	I1D	FP-QZ	I1D		19	340754	5898253
LG-NC-07-020	M22	FP-QZ-BO-(HB?)	M4(M22)		19	340673	5898176
LG-NC-07-021	S2-S3	FP-BO-QZ	S3	trPY	19	340777	5897799
LG-NC-07-022	S9D	QZ-GU	S9D		19	340674	5898057
LG-NC-07-024	M1	HB-PG-BO	M16-I2J	trPOdi dans hz Si+	19	340703	5897219
LG-NC-07-025	M1	FP-HB-(BO-QZ-CX)	M16-I2J		19	340765	5897200
LG-NC-07-026	S2-S3(SM)	QZ-FP-MU-SM-(BO)	S3(SM)		19	340729	5897079
LG-NC-07-027	M4(SM)	FP-QZ-SM-CD	S3(SM)		19	340556	5897220
LG-NC-07-028	M4(SM)	FP-QZ-HB-SM-(MU-OX-TR)	S3(SM)		19	340469	5897209
LG-NC-07-029	M4	FP-QZ-MU-SM-(HB)	S3(SM)	rtrPO	19	340201	5896938
LG-NC-07-030	M4	FP-QZ-(BO-MU-SM)	S3	rtrPO	19	340141	5896972
LG-NC-07-031	M22	QZ-FP-BO-(MU-SM)	M22(M4)	tr-1PO	19	340181	5896836
LG-NC-07-033	M4	FP-QZ-BO-GR	M4		19	339840	5897015
LG-NC-07-034	I1G	PG-QZ-MU	I1G		19	339545	5897111
LG-NC-07-035	M22	FP-QZ-BO-HB	M4(M22)		19	339522	5897152
LG-NC-07-036	M1	QZ-FP-BO-(SM)	S2-S3	trPOdi	19	339321	5897243
LG-NC-07-037	I1G	FP-QZ	I1G		19	338989	5897201
LG-NC-07-039	M4	QZ-FP-BO-GR	M4(S3)		19	338648	5897309
LG-NC-07-040	M4(S3)	QZ-FP-BO-(TL-CX)	S3(M4)		19	338853	5897413
LG-NC-07-041	S3(SM)	FP-QZ-BO-SM-CD	S3(SM)		19	339148	5897529
LG-NC-07-042	S2-S3	FP-QZ-BO-(SR-SM)	S2-S3(SM)		19	338904	5897724
LG-NC-07-043	I1G	FP-QZ	I1G		19	338534	5897719
LG-NC-07-044	I1G	FP-QZ	I1G		19	338209	5897686
LG-NC-07-045	M1	QZ-FP-BO-(SM)	M4		19	337782	5897488
LG-NC-07-046	M4	FP-QZ-BO	S3(M4)		19	337796	5897021
LG-NC-07-047	M22	FP-QZ-BO	M4(M22)		19	337611	5897285

LG-NC-07-048	I1G	FP-QZ	I1G		19	337864	5898403
LG-NC-07-049	M4	QZ-FP-BO-GR	S3(M4)	rtrPOdi	19	337847	5898409
LG-NC-07-050	I1G	FP-QZ-BO	I1G		19	338092	5898688
LG-NC-07-051	M4	FP-QZ-BO-(AM)	M4		19	338469	5898688
LG-NC-07-052	M4	FP-QZ-BO	S3		19	338289	5899288
LG-NC-07-053	M1	QZ-(FP-MU-SR-TR)	S1-V1?		19	338175	5899251
LG-NC-07-054	S9D	QZ-AM-GR-GP	S9D	3-7AS,tr-2PO-PY	19	338188	5899278
LG-NC-07-055	S9D	QZ-AM-GR-GP	S9D	tr-2POdi	19	338188	5899278
LG-NC-07-056	M1	QZ-FP-BO-(MU)	I1D?		19	338089	5899380
LG-NC-07-058	S9D	QZ-AM-BO-GR	S9-S11	tr-3PO,trPY,trCP	19	338198	5899289
LG-NC-07-060	M16	AM-FP-(BO-QZ)	V3B	rtrPY	19	314684	5904317
LG-NC-07-061	M16	QZ-AM-FP	V3B-S11	trPO-PY	19	314618	5904271
LG-NC-07-062	M16	QZ-AM-FP	V3B-S11	trPO-PY	19	314617	5904284
LG-NC-07-063	M16	QZ-AM-FP	V3B	tr-2PO	19	314575	5904287
LG-NC-07-064	S9	QZ-FP-GP	S9D	tr-15POdi et stringer	19	314504	5904240
LG-NC-07-065	I1D	QZ-FP-HB	I1D		19	314463	5904219
LG-NC-07-066	I1D	QZ-FP-HB	I1D		19	314396	5904241
LG-NC-07-067	M16?	QZ-(AM)	V3B(T2)	tr-5PY idio	19	314407	5904235
LG-NC-07-068	I1G	FP-QZ-PH	I1G		19	314228	5904372
LG-NC-07-069	Alt Si+++	QZ-FP-(DP?)	S11	10-15PO-PY fin diss.	19	314182	5904352
LG-NC-07-070	Alt Si+++	QZ-FP-(DP?)	S11	10-15PO-PY fin diss.	19	314187	5904341
LG-NC-07-071	M8(AM-BO)	QZ-AM-FP-(BO)	V3B-S11	5-8POdi	19	314123	5904282
LG-NC-07-072	M8(AM-BO-SR)	QZ-AM-FP-(BO-SR)	V3B-S11	5PO-PYfin di	19	314094	5904284
LG-NC-07-073	I1D	FP-QZ-MU-(HB)	I1D		19	314102	5904106
LG-NC-07-074	M4	QZ-FP-BO	S3		19	314067	5903876
LG-NC-07-075	I1G	FP-QZ-MU	I1G		19	313450	5903319
LG-NC-07-076	I1G	FP-QZ-MU	I1G		19	312772	5902039
LG-NC-07-077	I1G/M22	FP-QZ-BO	M22		19	312809	5901772
LG-NC-07-078	I1G/M22	FP-QZ-BO	M22		19	312225	5901610
LG-NC-07-087	I1D	PG-QZ-HB-(BO)	I1D		19	342576	5899077
LG-NC-07-089	M4	FP-QZ-BO	S3		19	304238	5901287
LG-NC-07-090	M4	FP-BO-QZ-(PH)	S3		19	304077	5901103
LG-NC-07-091	M4	FP-QZ-BO-GR	S3		19	304021	5901141
LG-NC-07-093	M4?	QZ-FP-BO-GR-MU	S3(SM)	tr-1PYdi	19	303826	5900951
LG-NC-07-094	M4	QZ-FP-(BO-GR)	S2-S3	3-5PO-PY	19	303898	5900977
LG-NC-07-095	S9D	QZ-AM-FP-GR-GP	S9D		19	303881	5900959
LG-NC-07-096	M4/S9	FP-QZ-BO-(GR-AM-GP)	S3	trPO-PY	19	303914	5900955
LG-NC-07-097	I1D	FP-QZ-MU	I1D		19	303949	5900950
LG-NC-07-098	M4	FP-BO-QZ	S3	trPO ds S9D	19	303925	5900910
LG-NC-07-099	S9D	QZ-AM-(GR)	S9D	tr-3PYdi	19	303900	5900794
LG-NC-07-100	S9D	QZ-AM-(GR)	S9D		19	303800	5900794
LG-NC-07-101	S9D	QZ-AM-(GR)	S9D	tr-2PY	19	303809	5900794
LG-NC-07-102	M4	FP-QZ-(BO)	S2		19	303801	5900821
LG-NC-07-103	UM	HB-(PG)	I4A	tr-PY	19	303812	5900854
LG-NC-07-104	M4?	FP-(QZ-BO-HB)	S2-S3		19	303832	5900863
LG-NC-07-105	S9D	QZ-AM-FP-GR	S9D	tr-5POdi	19	311397	5898281
LG-NC-07-106	S9D	QZ-AM-FP-GR	S9D	10-15PO	19	311411	5898273
LG-NC-07-107	S9D	QZ-AM	S9D	tr-3PO	19	311447	5898289
LG-NC-07-108	S9D	QZ-AM	S9D	3-5PO, rtrAS	19	311455	5898288
LG-NC-07-109	S9D	QZ-AM	S9D	tr-3PO, rtrCP	19	311435	5898279
LG-NC-07-110	S9D	QZ-AM-FP-(GR)	S9D	tr-2PO	19	311414	5898279
LG-NC-07-111	S9D	HB-PG-QZ-BO-MG-GR	S9D	1PO-PYdim	19	311433	5898287
LG-NC-07-113	I1D	FP-QZ	I1D		19	304792	5900756
LG-NC-07-116	M4/I1G	QZ-FP-BO	M4(S3)		19	304999	5899950
LG-NC-07-131	M22	FP-QZ-BO	M22		19	317428	5890876
LG-NC-07-133	M4	QZ-FP-BO	S3(M4)		19	317939	5890304
LG-NC-07-134	M22(M4)	FP-QZ-BO	M4		19	317985	5890112
MB-NC-07-001	I1D	PG-QZ-BO-MV-TL			19	311871	5903451
MB-NC-07-002	M4	PG-QZ-MV-BO	S2	rtrPY	19	312110	5901567
MB-NC-07-016	M4	PG-QZ-BO	S3	rtrPY	19	304510	5900980
MB-NC-07-017	I3A	PG-HB-BO-MG-(QZ)	I3A	tr-1%PO,trPY	19	304589	5901029
MB-NC-07-018	M4	PG-QZ-BO-(HB-GR-GP)	S3	5%PO,1%py,trCP	19	304651	5901129
MB-NC-07-019	M4	PG-QZ-BO-GP	S3	1%GP	19	304756	5901170
MB-NC-07-020	M4	PG-QZ-BO-(MV)	S3	rtrPY	19	305041	5901206
MB-NC-07-021	I1D	PG-QZ-HB-MV-(BO)	I1D		19	305127	5901210
MB-NC-07-022	I1G	PG-QZ-MV-BO	I1G		19	305425	5901273
MB-NC-07-023	I1D	PG-QZ-MV-(BO)	I1D		19	305748	5901389
MB-NC-07-024	M4(SM)	PG-QZ-BO-SR-SM	S2-S3		19	305604	5901411

MB-NC-07-025	I1D	PG-QZ-BO-TL	I1D		19	308093	5901515
PM-NC-07-001	M4	QZ-BO-FP-GR	M4(M22)	trAS	19	333297	5884369
PM-NC-07-002	M4	BO-QZ-FP	M4		19	333371	5884284
PM-NC-07-007	I1D	PG-QZ-BO	I1D		19	336065	5896743
PM-NC-07-008	M2	PG-BO-QZ	I1D		19	336177	5897550
PM-NC-07-011	I1D	QZ-FP-BO	I1D		19	336487	5898050
PM-NC-07-012	M4	QZ-PL-BO	S		19	336204	5898336
PM-NC-07-013	M4	QZ-PG-BO	S3	diPY,AS,PO	19	336064	5898368
PM-NC-07-014	S9D	QZ-BO-FP-AM	S9D	PY,AS,PO	19	336000	5898388
PM-NC-07-015	I1D	QZ-FP-BO	I1D		19	334823	5898385
PM-NC-07-016	M22	QZ-FP-BO	S1		19	334794	5898456
PM-NC-07-036	M4	QZ-PL-BO	S		19	308470	5902811
PM-NC-07-038	M22	QZ-PL-BO-MU	M4		19	316908	5901905
PM-NC-07-055	M22	QZ-FP-BO	S3	stPY,trPO	19	303169	5899530
PM-NC-07-056	I3A	PL-PX-AM-BO-QZ	I3A		19	303015	5899683
PM-NC-07-057	M4	QZ-PL-BO	S1	rtrPY	19	302982	5899766
PM-NC-07-063	M4(M22)	QZ-FP-BO	S3		19	303478	5902771
PM-NC-07-064	I1G	QZ-FP-BO-MU	I1G		19	303160	5903334
PM-NC-07-065	I3A	FP-AM	I3A	trPO	19	303320	5903423
PM-NC-07-066	M22	QZ-PL-BO	S1		19	303847	5900472
PM-NC-07-067	I3A	FP-AM	I3A	2PO	19	303736	5900471
PM-NC-07-068	M4	PL-QZ-BO	M4		19	303854	5900362
PM-NC-07-069	S3	QZ-PL-BO	S3	2PO,trPY	19	303886	5900322
PM-NC-07-070	M4	QZ-PL-BO-MU	S1	PO,trPY,rtrCP	19	303770	5900126
PM-NC-07-071	S3	QZ-PL-BO	S3		19	303520	5900072
PM-NC-07-072	I1D	QZ-FP-BO	I1D		19	303117	5899510
LG-NC-07-203	M4	QZ-FP-BO-(GR)	S3(M4)	rtrPO	19	303997	5900873
LG-NC-07-204	M4	QZ-FP-BO-(HB)	S3		19	304052	5900883
LG-NC-07-205	M4	FP-QZ-BO	M4		19	304166	5900775
LG-NC-07-206	M4/S9	FP-QZ-BO-SM-CD-(PH)	S3(SM)		19	304251	5900919
LG-NC-07-207	M4	FP-QZ-BO-SM-CD-(PH)	S3(SM)		19	304300	5900918
LG-NC-07-208	M4	FP-QZ-BO	S3(M4)		19	304286	5900980
LG-NC-07-209	S9(SM\$)	QZ-AM-GU-GR-(GP)	S9D	5-10PO, trCP, rtrSP	19	307434	5900149
LG-NC-07-210	S9(SM\$)	QZ-GP-(AM-GR-BO)	S9D	40PO	19	307378	5900124
LG-NC-07-211	M4	FP-QZ-BO	S3		19	307333	5900096
LG-NC-07-212	M22/I1G	QZ-FP-BO-(SR-GR)	M22	3-4PO	19	338179	5899210
LG-NC-07-213	S1-V1/I1G	QZ-SR-MU-(FP-BO)	V1B		19	338184	5899269
LG-NC-07-214	I1G	FP-QZ-MU	I1G		19	338096	5899150
LG-NC-07-215	M8(SR)	QZ-SR-FP-(BO-GP?)	V1B	tr-2PO	19	338124	5899145
AG-NC-07-202	I1C	PG-QZ-FK-BO-HM	I1C		18	695283	5928886
AG-NC-07-203	I1C	PG-QZ-BO-FK	I1C		18	695428	5929018
AG-NC-07-204	I1C	PG-QZ-BO-FK	I1C		18	695555	5929034
AG-NC-07-205	V3B	HB-PG-QZ-BO	V3B	trPYdimm	18	695757	5929175
AG-NC-07-206	I1C	PG-QZ-BO-FK	I1C		18	695757	5929175
AG-NC-07-207	V3B	HB-PG-QZ-BO	V3B	2PO, 1PY dimm et str.mm	18	695812	5929237
AG-NC-07-208	V3B	HB-PG-CB-BO	V3B	15PO,2PYdimm	18	695812	5929237
AG-NC-07-209	S3/M4	PG-QZ-BO-GR	S3		18	695903	5929329
AG-NC-07-210	M16	HB-PG-(QZ)-BO-(GR)-PH	V3B	rtrPY	18	695992	5929444
AG-NC-07-211	I3A	HB-PG-(QZ)-(BO)	I3A	2PO,trAS?dimm	18	695962	5929429
AG-NC-07-213	V3B	HB-PG-BO-(QZ)	V3B		18	696066	5929445
AG-NC-07-214	V3B	HB-GR-BO-PG	V3B	2PYdimm	18	696123	5929426
AG-NC-07-215	V3B	HB-PG-BO-GR	V3B	3PY,2PO stringers mm	18	696264	5929450
AG-NC-07-216	M16	HB-PG-(QZ)-CB	V3B		18	696555	5929576
AG-NC-07-217	V3B	HB-PG-CB-(BO)	V3B	rtrPY	18	696686	5929952
AG-NC-07-218	V3B	HB-PG-CB-QZ-BO	V3B		18	696846	5930243
AG-NC-07-219	V3B	HB-PG-BO-CB-QZ	V3B		18	697375	5930335
AG-NC-07-220	V3B	HB-PG-BO-CB-QZ	V3B		18	697696	5930285
AG-NC-07-221	V3B	HB-PG-BO-CB-QZ	V3B		18	697801	5930241
AG-NC-07-222	V3B	HB-PG-(QZ)	V3B	1PO,1PY di-mm	18	697986	5930406
AG-NC-07-224	M8	HB-PG-BO-(QZ)	V3B		18	698781	5931063
AG-NC-07-225	S9A	MG-QZ-(HB)-(PG)	S9A	trPY aamm, dimm	18	698816	5931160
CD-NC-07-015	M4	QZ-PG-BO	S3		18	695229	5899845
CD-NC-07-016	I1G/M4	FP-QZ-BO-HB			18	695354	5899978
CD-NC-07-017	I1G/M4	FP-QZ-BO-HB			18	695527	5900642
CD-NC-07-018	I3B	OV-CX-FP		5PO	18	695472	5900797
CD-NC-07-038	V3B	PG-GR	V3B		18	697545	5934726
JG-NC-07-120	I1D	QZ-PG-BO-HB	I1D		18	697633	5900812

JG-NC-07-121	M4	QZ-PG-BO-MU	S3		18	696937	5900948
JG-NC-07-122	M4	QZ-BO-PG	S3		18	696540	5901250
JG-NC-07-123	I1D	QZ-PG-HB-BO-FP	I1D		18	695993	5902880
JG-NC-07-124	I1D	QZ-PG-HB-BO-FP	I1D		18	696084	5903251
JG-NC-07-125	S3(M4)	QZ-BO-HB	S3	5PY	18	696083	5903252
JG-NC-07-126	M4	QZ-PG-BO	S3	rtrPY	18	696083	5903252
JG-NC-07-128	I3A	PG-HB	I3A		18	695229	5904388
JG-NC-07-130	M4	QZ-PG-BO-GR	S3		18	694555	5904842
JG-NC-07-131	I1D	QZ-PG-BO-HB			18	694529	5904907
JG-NC-07-248	I1D	QZ-PG-MU-HB	I1D		18	698500	5934850
JG-NC-07-249	I1D	QZ-PG-MU-HB	I1D		18	698614	5935009
JG-NC-07-250	V3B	PG-(AM)	V3B	1PY,5PO,2GP	18	698524	5935024
JG-NC-07-251	V3B(S2?)	PG-BO-MU	V3B		18	698480	5934846
JG-NC-07-252	S2	QZ-PG-BO	S2		18	698329	5934846
JG-NC-07-253	I1D	QZ-PG-HB	I1D		18	698274	5934879
JG-NC-07-254	S9D(S2)	QZ-BO-GN-PG	S9D(S2)	5PO,1PY,2GP	18	697904	5934849
JG-NC-07-255	S9D	QZ-PG-GR	S9D	1AS,trPY,5PO	18	697911	5934816
JG-NC-07-256	I1D	QZ-PG	I1D	5PO,2AS	18	697908	5934754
JG-NC-07-257	S9D	QZ-BO	S9D	1AS,3PO,1PY	18	697803	5934763
JG-NC-07-258	I1D	QZ-PG-BO	I1D		18	697772	5934739
JG-NC-07-259	S9D(S3)	QZ-BO	S9D(S3)	3AS,1GP,1PO,trPY	18	697728	5934699
JG-NC-07-260	I1D	QZ-PG-BO-HB	I1D		18	697687	5934652
JG-NC-07-261	I1D	QZ-PG-BO-HB	I1D		18	697527	5934769
JG-NC-07-262	I1D	QZ-PG-BO	I1D		18	697488	5934791
JG-NC-07-263	V3B(M16)	PG-HB	V3B(M16)	1GP,1PY,1PO	18	697491	5934672
JG-NC-07-264	M16	AC-HB-PG-GR	M16	1PO,1PY	18	697422	5934635
JG-NC-07-93	I1D	QZ-PG-BO-HB-FP	I1D		18	699138	5901268
JG-NC-07-94	I1D	QZ-PG-BO-HB-FP	I1D		18	698968	5901628
JG-NC-07-95	I1D	QZ-PG-BO-HB-FP	I1D		18	698132	5901573
LG-NC-07-118	M4	QZ-FP-BO	S3(M4)		18	692760	5897201
LG-NC-07-119	I1D/M4	QZ-FP-BO	I1D		18	693003	5897437
LG-NC-07-120	I1D	QZ-FP-(MU)	I1D		18	692416	5897372
LG-NC-07-121	I1D	QZ-FP-(MU)	I1D		18	692963	5899335
LG-NC-07-122	I1D	QZ-FP	I1D		18	693095	5899311
LG-NC-07-123	I1D	QZ-FP	I1D		18	692998	5899673
LG-NC-07-124	I1D	QZ-FP	I1D		18	692886	5899703
LG-NC-07-125	I1D	QZ-FP-BO-HB-(HM)	I1D		18	692827	5899808
LG-NC-07-126	I1D	QZ-FP-MU	I1D		18	692887	5900009
LG-NC-07-127	I1D	QZ-FP-MU	I1D		18	693081	5900082
LG-NC-07-178	I1D	PG-QZ-(HB)	I1D		18	690023	5927414
LG-NC-07-180	M16/I1	FP-HB-(QZ-BO)	V3B-V2J		18	690580	5928376
LG-NC-07-181	M16	HB-PG-(GR)	V3B		18	690604	5928408
LG-NC-07-182	M16	HB-PG-(GR)	T2(V3B)		18	690569	5928426
LG-NC-07-185	I1D	PG-QZ-(BO-HB)	I1D		18	689697	5930576
LG-NC-07-186	M8(SR-BO-GR)	PG-GR-QZ-SR-HB-BO	M16(GR+++)		18	690022	5930432
LG-NC-07-187	M16	HB-AC-PG-DP?	T2(M16)		18	690118	5930408
LG-NC-07-188	V1D?	PG-QZ-(AM)	VID-I1D	rtrPO fin di	18	690290	5930357
LG-NC-07-190	V1-S1	PG-QZ-HB-(BO-MU)	V2J	tr-1PY-PO fin diss	18	690494	5930334
LG-NC-07-191	V1-S1/Alt	FP-HB-GR-QZ-QZ-(BO)	V2J(GR++)	tr-1PO-PY	18	690494	5930324
LG-NC-07-192	Alt(GR+++)	PG-AM-GR-QZ	Alt Zone (V2J?)	tr-2PO, rtr CP	18	690493	5930319
LG-NC-07-193	UM	PG-MG-PX-SP-TC	V4D	tr-PO	18	690492	5930313
LG-NC-07-194	UM	PX-OL-SP-TC	V4C?	tr-PO fin diss	18	690493	5930307
LG-NC-07-195	V1-S1/Alt	PG-HB-AC-GR-QZ	V2J(Alt)	tr-1PO-PY fin di	18	690523	5930307
LG-NC-07-196	V2J/V3B	QZ-FP-(BO)	S11	tr-2PO, trCP	18	690611	5930397
LG-NC-07-197	V2J/V3B	QZ-FP-(BO)	S11	Si++	18	690611	5930407
LG-NC-07-198	UM	PX-TR-SP-TC	V4		18	690683	5930492
LG-NC-07-199	V3B(Alt)	AM-PG-GR	V3B(Alt)	tr-2PO st et amas	18	690661	5930473
LG-NC-07-200	I1	PG-QZ-BO-SR	I1D	rtrPY idio	18	691447	5931372
LG-NC-07-201	M1	FP-AM-QZ-(SR-CX)	I1D		18	691567	5931387
LG-NC-07-202	I1D/I3A	PG-QZ-(AM-BO-CX)	I1D		18	691926	5931587
MA-NC-07-50	M8(SR)	QZ-FD-SR-BO-MG-GR	I1D		18	692480	5933782
MA-NC-07-52	I1D/I3A	AM-PG-PO-MG		2PO	18	691767	5933224
MA-NC-07-53	I1DV3AWM16(V3B)	AM-PG			18	691643	5933178
MA-NC-07-54	I1D	QZ-PG-BO-AM			18	691420	5932755
MA-NC-07-55	I1D	QZ-PG-BO-AM			18	691220	5932746
MA-NC-07-56	M16	AM-PG-BO	V3B		18	691141	5932586
MA-NC-07-57	I1D	QZ-PG-BO-AM			18	691004	5932600

MA-NC-07-58	I1D	PG-QZ-BO-AM			18	690805	5932408
MA-NC-07-59	I1D	PG-QZ-BO-AM			18	690665	5932458
MA-NC-07-60	I1D	PG-QZ-BO-AM			18	689625	5932663
MA-NC-07-61	M16	AM-PG-BO	V3B		18	689530	5932602
MA-NC-07-62	I1D	PG-QZ-BO-AM			18	689441	5932566
MA-NC-07-83	M16	AM-PG	V3B		18	689274	5932493
MA-NC-07-84	M16	AM-PG	V3B		18	688996	5932348
MA-NC-07-85	M16	AM-PG-BO	V3B	50PY sur 1cm	18	688906	5932282
MA-NC-07-86	I2I	PG-BO-QZ-AM-MG			18	687804	5931307
MA-NC-07-87	I2I	PG-BO-QZ			18	687132	5930944
MA-NC-07-88	I2C	FK-BO-QZ			18	687139	5930943
MA-NC-07-89	M16	AM-PG	V3B		18	687140	5930920
MA-NC-07-70	I2I	PG-BO-QZ-FK			18	687106	5930951
MA-NC-07-71	M16	AM-PG	V3B		18	687096	5930975
MA-NC-07-72	I2I	PG-BO-QZ			18	687101	5930994
MA-NC-07-73	I2I	PG-BO-QZ			18	687183	5930956
MA-NC-07-74	I2I	PG-BO-QZ			18	687252	5930825
MA-NC-07-75	I2C	FK-BO-QZ-PG			18	686611	5932013
MA-NC-07-76	M16	AM-PG	V3B		18	686386	5931927
MA-NC-07-77	M16	AM-PG	V3B		18	686160	5931883
MA-NC-07-78	I2I \ M16(bq)	PG-BO-QZ		2PY 2PO TRCPY local sur 30 cm	18	686143	5931899
MA-NC-07-79	I2I	PG-BO-QZ			18	685305	5931899
MB-NC-07-015	I1G	PG-QZ-(BO-GR)	I1D		18	695294	5898366
PM-NC-07-083	I1D	QZ-PL-BO	I1D		18	692495	5900362
PM-NC-07-084	I1D	QZ-PL-BO	I1D		18	692634	5902151
PM-NC-07-085	I1D	QZ-PG-BO	I1D		18	692650	5903370
PM-NC-07-086	I1D	QZ-PL-BO	I1D		18	692560	5904221
PM-NC-07-087	M4	QZ-PL-BO	S3		18	692786	5904350
PM-NC-07-088	M4	QZ-PL-BO	S3		18	692998	5904563
PM-NC-07-089	M4	QZ-PL-BO	S3		18	693378	5904718
PM-NC-07-090	I1G	QZ-FP-BO	I1G		18	693628	5904897
PM-NC-07-134	V2J alt	PL-AM(HB-AC)-GR-QZ	V2J	2-8AS,1-3PO,diPY,trCP	18	690547	5930352
PM-NC-07-135	V2J alt	PL-AM(HB-AC)-GR-QZ	V2J	2-8AS,1-3PO,diPY,trCP	18	690547	5930352
PM-NC-07-136	V2J alt	PL-AM(HB-AC)-GR-QZ	V2J	2-8AS,1-3PO,diPY,trCP	18	690547	5930352

## Appendix 2. List of abbreviations used for geological description, Nichicun project

List of minerals [taken from MB 96-28 document MRN-Québec, Sharma (1996)]

AC	Actinolite	GL	Galena
AD	Andalusite	GP	Graphite
AL	Aluminosilicate	GR	Garnet
AM	Amphibole	HB	Hornblende
AS	Arsenopyrite	KN	Kyanite
AT	Anthophyllite	MG	Magnetite
BL	Beryl	MO	Molybdenite
BN	Bornite	MV	Muscovite
BO	Biotite	OX	Orthopyroxene
CB	Carbonate	PD	Pentlandite
CC	Calcite	PG	Plagioclase
CD	Cordierite	PH	Phlogopite
CG	Cummingtonite	PO	Pyrrhotite
CL	Chlorite	PX	Pyroxene
CM	Chromite	PY	Pyrite
CP	Chalcopyrite	QZ	Quartz
CR	Chloritoid	SF	Sulfures
Cu	Native copper	SM	Sillimanite
CX	Clinopyroxene	SP	Sphalerite
DP	Diopside	SR	Sericite
EP	Epidote	ST	Serpentine
FK	K-Felspar	TC	Talc
FL	Fluorine	TL	Tourmaline
FP	Felspar	TM	Tremolite

List of textures [taken from MB 96-28 document MRN-Québec, Sharma (1996)]

AP	Aphanitic	GT	Very-fine grained
BR	Breccia	HJ	Homogenous
BT	Tectonic breccia	LA	Laminated
CS	Sheared	LS	Leucosome
CO	Pillowed	LX	Leucocrate
DQ	Diabasic	MA	Massive
EN	Float	MX	Melanocrate
FO	Foliated	MZ	Mobilisat
GB	Glomeroblastic	PG	Pegmatitic
GS	Gneissic	PO	Porphyritic ( ú )
GF	Fine-grained	PQ	Porphyroblastic ( ý )
GG	Coarse-grained	RU	Banded
GM	Medium-grained	SC	Schistosed
GO	Very coarse-grained	TL	Lapilli tuff
GR	Granoblastic		

Types of lithologies [taken from MB 96-28 document MRN-Québec, Sharma (1996)]

## Sedimentary rocks

S1	Sandstone
S2	Arenite (Biotite <15%)
S3	Wacke (Biotite >15%)
S4	Conglomerate
S9	Iron formation (A: Undetermined; B: Oxide; D: Silicate; E: Sulphide)
S11	Exhalite
VQZ	Quartz Veins

## Volcanic rocks

V1B	Rhyolite		
V1C	Rhyodacite		
V1D	Dacite		
V2J	Andesite	I1B	Granite
V3A	Andesitic basalt	I1C	Granodiorite
V3B	Basalt	I1D	Tonalite
V4A	Komatiite	I1G	Pegmatite
V4B	Pyroxenitic komatiite	I2D	Syenite
V4C	Peridotitic komatiite	I2E	Quartz monzonite

*Intrusive rocks*

## Metamorphic rocks

		I1M	Monzo-granite
		I2F	Monzonite
		I2I	Quartz diorite
M1	Gneiss	I2J	Diorite
M3	Orthogneiss	I3A	Gabbro
M4	Paragneiss	I3B	Diabase
M8	Schist	I3Q	Gabbronorite
M12	Quartzite	I4A	Hornblendite
M16	Amphibolite	I4B	Pyroxenite
M21	Diatexite	I4I	Peridotite
M21A	Anatectic granite	I4N	Serpentinite
M22	Migmatite		
T2	Mylonite		
T4	Tectonic breccia		

**Appendix 3. Certificates of analysis**





# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1

Téléphone: 604 984 0221 Télécopieur: 604 984 0218 www.alschemex.com

À: MINES VIRGINIA INC.  
116 RUE ST-PIERRE  
BUREAU 200  
QUEBEC QC G1K 4A7

Page: 1  
Finalisée date: 5-AOUT-2007  
Compte: MINVIR

## CERTIFICAT VO07071369

Projet: NICHICUN

Bon de commande #:

Ce rapport s'applique aux 3 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 6-JUIL-2007.

Les résultats sont transmis à:

PAUL ARCHER

MATHIEU SAVARD

## PRÉPARATION ÉCHANTILLONS

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

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
S-IR08	Soufre total (Leco)	LECO
PGM-ICP23	Pt, Pd et Au 30 g FA ICP	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
Ag-AA61	Trace Ag - direction quatre acides	AAS
Co-AA61	Trace Co - Digestion quatre acides	AAS
Cu-AA61	Trace Cu - Digestion quatre acides	AAS
Ni-AA61	Trace Ni - Digestion quatre acides	AAS

À: MINES VIRGINIA INC.  
ATTN: PAUL ARCHER  
116 RUE ST-PIERRE  
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QUEBEC QC G1K 4A7

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

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



# ALS Chemex

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Page: 2 - A

Nombre total de pages: 2 (A)

Finalisée date: 5-AOUT-2007

Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071369

Description échantillon	Méthode élément unités L.D.	WEI-21	Ag-AA61	Co-AA61	Cu-AA61	Ni-AA61	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu	Ag	Co	Cu	Ni	Au	Pt	Pd	S	Al2O3	Fe2O3	MgO	Cr2O3	CaO
		kg	ppm	ppm	ppm	ppm	ppb	ppb	ppb	%	%	%	%	%	%
		0.02	0.5	5	2	5	1	5	1	0.01	0.01	0.01	0.01	0.01	0.01
121554		0.82	<0.5	48	39	39	<1	<5	1	0.15	15.60	13.41	3.71	<0.01	8.05
121610		1.78	<0.5	24	259	58	10	<5	1	2.02	10.66	24.65	4.93	0.02	8.29
121615		0.61	<0.5	10	92	45	53	<5	<1	1.52	12.09	8.87	2.52	0.01	3.85



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Page: 1  
Finalisée date: 8-AOUT-2007  
Compte: MINVIR

**CERTIFICAT VO07071363**

Projet: NICHICUN

Bon de commande #:

Ce rapport s'applique aux 89 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 6-JUIL-2007.

Les résultats sont transmis à:

PAUL ARCHER

**PRÉPARATION ÉCHANTILLONS**

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

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM
ME-ICP41	Aqua regia ICP-AES 35 éléments	ICP-AES

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

**Signature:**

Lawrence Ng, Laboratory Manager - Vancouver



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Page: 2 - A

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Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Poids reçu kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
121524		1.43	<0.005		0.3	0.58	<2	<10	20	0.5	2	0.60	<0.5	27	108	98
121525		0.84	<0.005		0.3	1.44	2	<10	40	0.6	<2	0.53	<0.5	19	138	44
121526		1.06	<0.005		<0.2	0.98	<2	<10	10	<0.5	<2	0.46	<0.5	20	183	76
121527		0.83	<0.005		0.2	0.46	<2	20	<10	0.6	4	0.16	1.6	43	75	136
121528		0.98	<0.005		0.3	1.40	5	<10	160	<0.5	<2	0.26	<0.5	15	124	61
121529		1.67	<0.005		<0.2	1.20	3	<10	30	<0.5	3	1.68	0.7	32	51	82
121530		0.81	<0.005		0.2	0.83	<2	<10	20	<0.5	<2	0.53	0.5	13	36	29
121531		1.73	<0.005		0.2	1.58	7	<10	30	0.6	<2	2.04	<0.5	27	74	68
121532		0.82	<0.005		0.5	1.35	2	<10	100	0.5	<2	1.63	<0.5	28	124	68
121533		1.04	0.076		0.4	1.63	1650	<10	290	<0.5	2	0.61	<0.5	9	3	39
121534		1.09	<0.005		0.4	2.31	4	<10	100	<0.5	<2	0.21	<0.5	23	295	57
121535		1.38	<0.005		<0.2	2.45	2	<10	380	<0.5	3	0.18	<0.5	13	184	27
121536		1.04	0.006		0.4	1.04	3	<10	20	<0.5	<2	0.65	<0.5	12	26	147
121537		1.30	<0.005		0.2	2.65	65	<10	20	1.7	3	1.29	<0.5	20	143	43
121538		1.21	0.039		0.2	0.60	<2	<10	30	<0.5	2	0.75	<0.5	5	34	61
121539		1.21	0.120		<0.2	2.02	25	<10	20	1.3	2	2.26	<0.5	7	70	84
121540		1.37	0.052		0.9	0.91	679	<10	10	0.5	2	1.30	<0.5	11	23	117
121541		1.34	0.077		0.5	0.72	657	<10	10	<0.5	2	0.97	<0.5	8	20	186
121542		1.23	0.007		0.2	0.64	15	<10	10	<0.5	2	0.60	<0.5	4	16	95
121567		1.38	>10.0	6.81	0.8	0.19	1980	<10	<10	<0.5	12	0.47	<0.5	18	6	289
121568		1.12	6.36		1.6	0.42	5460	<10	10	<0.5	13	0.68	<0.5	33	4	287
121569		1.16	0.010		<0.2	0.05	15	<10	<10	<0.5	<2	0.63	<0.5	6	<1	18
121570		1.70	9.13		6.0	0.16	>10000	<10	<10	0.5	6	0.71	<0.5	1225	4	151
121571		0.58	<0.005		<0.2	2.24	26	90	420	<0.5	2	0.61	<0.5	21	198	44
121572		1.11	0.029		<0.2	4.11	71	10	20	<0.5	2	5.53	<0.5	14	73	106
121573		1.45	<0.005		0.8	0.92	7	<10	10	0.6	2	1.39	<0.5	25	13	449
121574		0.64	<0.005		0.3	0.74	9	<10	30	<0.5	<2	0.82	<0.5	30	38	204
121575		1.40	<0.005		0.7	1.12	6	<10	10	7.1	<2	2.87	<0.5	5	35	54
121576		0.84	<0.005		0.2	3.12	4	<10	470	<0.5	<2	0.24	<0.5	23	302	88
121577		1.09	0.073		0.9	0.90	74	<10	20	<0.5	<2	1.25	<0.5	18	21	147
121578		0.97	<0.005		<0.2	2.60	<2	<10	60	<0.5	2	1.49	<0.5	29	64	25
121581		1.46	<0.005		<0.2	0.12	<2	60	<10	1.3	<2	0.89	<0.5	1	1	4
121582		1.51	<0.005		1.8	0.84	2	<10	30	<0.5	<2	1.18	4.9	82	18	1545
121583		1.74	<0.005		<0.2	1.97	3	<10	70	<0.5	<2	1.20	<0.5	30	<1	20
121584		1.29	<0.005		<0.2	1.68	<2	<10	50	<0.5	<2	1.13	<0.5	26	<1	19
121585		0.95	0.012		0.2	0.73	22	<10	10	0.8	2	0.91	<0.5	4	6	66
121586		1.30	0.070		0.6	1.10	4	<10	<10	<0.5	<2	0.42	<0.5	9	4	269
121587		0.69	0.199		0.5	0.92	10	<10	30	1.2	<2	0.64	<0.5	14	24	390
121588		0.96	<0.005		<0.2	2.29	52	<10	10	<0.5	<2	2.32	<0.5	39	75	407
121589		1.22	0.020		0.4	3.94	8	<10	120	0.5	10	2.33	0.5	28	162	196

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm

Résultat additionnelle en Au-AA23 pour l'échantillon 121567 est >10.0 ppm



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Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	élément unités L.D.	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
121524		4.89	10	<1	0.08	20	0.39	102	2	0.05	101	830	16	2.73	2	2
121525		3.92	10	<1	0.22	30	1.20	288	1	0.06	56	570	25	1.46	<2	8
121526		4.44	<10	<1	0.16	20	1.12	214	77	0.04	74	790	19	2.19	<2	3
121527		12.00	<10	<1	0.03	10	0.35	107	8	0.04	117	140	9	8.13	<2	17
121528		3.62	10	<1	0.30	10	1.49	311	7	0.08	45	420	12	1.66	<2	10
121529		4.84	<10	<1	0.15	20	0.05	101	3	0.02	114	810	13	3.79	<2	1
121530		2.30	<10	<1	0.26	20	0.61	214	3	0.07	23	840	14	1.29	<2	8
121531		3.97	<10	<1	0.13	10	0.11	93	<1	0.05	117	900	10	3.05	<2	1
121532		5.70	<10	<1	0.10	20	0.21	173	4	0.06	122	920	18	3.29	<2	3
121533		4.17	10	<1	0.88	20	0.76	662	<1	0.09	<1	1680	5	0.72	<2	3
121534		5.52	10	<1	1.61	20	1.85	429	1	0.10	109	600	10	1.84	<2	14
121535		4.11	10	<1	1.52	10	1.60	310	1	0.07	42	570	2	0.02	<2	12
121536		4.77	<10	<1	0.09	10	0.24	184	3	0.02	26	2030	<2	1.06	<2	2
121537		4.66	10	<1	0.10	20	1.46	478	1	0.04	66	430	5	0.60	<2	15
121538		2.92	<10	<1	0.13	10	0.22	135	1	0.02	20	1370	<2	0.74	<2	1
121539		9.25	<10	<1	0.23	20	0.90	372	3	0.13	17	2880	<2	1.14	<2	9
121540		7.21	<10	<1	0.07	20	0.36	177	2	0.09	33	1040	<2	2.44	<2	1
121541		7.78	<10	<1	0.05	10	0.30	120	5	0.07	37	960	3	3.24	3	1
121542		3.55	<10	<1	0.02	<10	0.23	144	3	0.04	11	660	<2	0.95	<2	1
121567		7.47	<10	<1	<0.01	10	0.03	35	5	0.01	59	1100	<2	4.44	<2	<1
121568		8.20	<10	<1	0.03	10	0.05	121	4	0.01	81	2210	3	4.26	<2	<1
121569		28.9	<10	<1	<0.01	<10	0.02	6	1	<0.01	4	2610	2	0.71	<2	<1
121570		8.28	<10	<1	0.02	<10	0.06	157	10	0.01	251	1440	3	3.44	2	<1
121571		3.45	10	1	1.01	30	1.70	196	1	0.08	80	1020	11	0.22	<2	9
121572		0.78	<10	1	0.03	<10	0.26	281	<1	0.22	60	250	<2	0.12	<2	2
121573		7.85	<10	<1	0.11	10	0.16	119	2	0.02	69	1900	7	4.47	2	<1
121574		3.71	<10	1	0.05	<10	0.18	189	1	0.11	69	350	5	1.97	2	4
121575		7.40	<10	<1	0.11	<10	0.29	573	7	0.09	18	980	2	3.22	<2	3
121576		6.21	10	1	2.08	10	2.55	216	1	0.06	108	800	4	0.52	<2	10
121577		10.75	<10	<1	0.13	20	0.07	97	3	0.04	82	1220	8	6.48	<2	2
121578		6.06	<10	1	0.29	10	1.38	409	1	0.20	34	1840	3	0.18	<2	2
121581		9.74	<10	<1	0.03	<10	0.22	1510	<1	0.02	<1	2450	<2	0.63	<2	<1
121582		6.37	<10	1	0.05	10	0.11	244	1	0.08	141	630	4	3.37	<2	1
121583		7.69	10	<1	0.15	20	0.77	639	1	0.06	3	2040	3	0.25	<2	3
121584		7.20	10	<1	0.20	20	0.60	546	1	0.07	2	2000	4	0.29	<2	3
121585		4.14	<10	<1	0.03	10	0.22	97	1	0.04	11	1620	<2	1.14	<2	1
121586		9.46	<10	<1	<0.01	<10	0.12	243	4	0.01	24	320	2	4.04	<2	1
121587		8.28	<10	<1	0.16	10	0.31	228	2	0.04	46	1830	3	4.38	<2	1
121588		3.57	<10	<1	0.04	<10	0.66	385	<1	0.08	84	250	<2	1.29	<2	5
121589		7.51	10	<1	0.33	10	1.19	593	1	0.11	47	320	3	3.05	<2	8

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm

Résultat additionnelle en Au-AA23 pour l'échantillon 121567 est >10.0 ppm



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## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr ppm 1	Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
121524		5	0.20	<10	<10	33	<10	99
121525		10	0.23	<10	<10	73	<10	67
121526		9	0.16	<10	<10	55	<10	46
121527		2	0.04	<10	<10	54	<10	495
121528		14	0.16	<10	<10	60	<10	58
121529		9	0.16	<10	<10	21	<10	221
121530		8	0.17	<10	<10	47	<10	120
121531		15	0.20	<10	<10	19	<10	24
121532		11	0.17	<10	<10	33	<10	60
121533		23	0.22	<10	<10	25	<10	67
121534		12	0.26	<10	<10	99	<10	78
121535		10	0.25	<10	<10	86	<10	55
121536		11	0.03	<10	<10	12	<10	7
121537		10	0.30	<10	<10	114	<10	75
121538		7	0.04	<10	<10	14	150	14
121539		15	0.08	<10	<10	46	<10	33
121540		13	0.03	<10	<10	12	<10	12
121541		28	0.03	<10	<10	11	10	10
121542		4	0.02	<10	<10	7	<10	7
121567		19	<0.01	<10	<10	3	<10	17
121568		18	<0.01	<10	<10	3	20	9
121569		51	0.01	<10	<10	9	<10	4
121570		84	<0.01	<10	<10	3	<10	15
121571		22	0.29	<10	<10	96	<10	54
121572		225	0.15	<10	<10	18	<10	8
121573		26	0.06	<10	<10	11	<10	10
121574		30	0.21	<10	<10	38	<10	18
121575		114	0.04	<10	<10	25	2580	38
121576		10	0.32	<10	<10	119	20	54
121577		16	0.11	<10	<10	21	10	37
121578		54	0.30	<10	<10	146	<10	96
121581		89	<0.01	<10	<10	2	<10	9
121582		21	0.15	<10	<10	20	<10	1135
121583		20	0.44	<10	<10	137	<10	145
121584		22	0.38	<10	<10	148	<10	133
121585		41	0.02	<10	<10	21	<10	11
121586		2	0.03	<10	<10	12	<10	10
121587		5	0.04	<10	<10	20	<10	24
121588		21	0.14	<10	<10	57	<10	30
121589		31	0.33	<10	<10	131	<10	298

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm  
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## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	élément	Poids reçu	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
unités		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L.D.		0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
121590		1.35	0.064		<0.2	0.17	50	<10	<10	0.6	<2	0.63	<0.5	5	8	45
121591		0.97	<0.005		1.8	0.42	46	<10	10	<0.5	6	0.17	0.5	68	3	291
121592		1.08	0.034		0.3	0.26	208	<10	10	0.5	<2	0.66	<0.5	6	3	155
121593		0.57	0.058		0.5	1.30	8830	<10	20	1.6	3	1.36	<0.5	81	9	97
121594		1.66	0.005		0.7	1.26	21	<10	10	0.9	3	1.83	<0.5	11	24	455
121595		1.38	0.035		0.6	0.94	16	<10	20	<0.5	2	0.58	<0.5	8	21	139
121596		2.51	0.441		1.5	0.61	25	<10	10	6.5	19	0.99	<0.5	11	5	159
121597		1.35	0.017		<0.2	0.52	2230	<10	70	0.8	<2	0.17	<0.5	1	14	20
121598		1.19	0.005		0.4	0.60	11	<10	10	0.7	<2	0.81	<0.5	5	19	189
121599		1.11	0.012		0.7	0.72	>10000	20	40	1.0	2	0.51	<0.5	65	34	615
121600		0.79	0.107		1.0	0.67	>10000	<10	10	<0.5	3	1.05	<0.5	22	2	203
121621		1.65	0.007		0.4	1.54	60	<10	20	<0.5	2	1.69	<0.5	32	39	283
121622		0.69	0.100		<0.2	0.32	27	<10	10	0.8	4	1.07	<0.5	7	10	91
121623		0.62	0.013		0.3	0.98	11	<10	10	<0.5	<2	1.09	<0.5	6	26	83
121624		0.63	<0.005		0.4	1.31	30	<10	160	1.0	<2	0.60	<0.5	32	177	164
121625		0.27	>10.0	11.35	3.6	1.33	110	<10	10	0.7	2	2.42	<0.5	8	19	68
121626		1.12	0.236		0.2	0.62	12	<10	10	<0.5	2	0.68	<0.5	3	22	48
121627		0.87	0.100		0.3	0.14	18	<10	20	<0.5	<2	0.25	<0.5	1	10	46
121628		1.73	0.273		0.8	0.44	8	<10	20	<0.5	<2	1.22	<0.5	11	19	685
121630		1.41	<0.005		<0.2	1.64	<2	<10	30	0.8	<2	0.95	0.7	24	53	69
121631		1.21	<0.005		<0.2	3.56	6	<10	520	<0.5	<2	0.38	<0.5	27	291	47
121632		1.75	<0.005		0.3	2.21	4	<10	30	0.5	<2	1.57	<0.5	19	109	49
121633		1.12	0.018		1.3	0.23	13	<10	30	<0.5	3	0.31	<0.5	20	30	55
121634		1.15	<0.005		0.6	1.56	2	<10	10	<0.5	<2	2.79	1.8	100	56	931
121635		0.84	0.032		<0.2	0.54	34	<10	40	<0.5	<2	0.02	<0.5	4	26	14
121636		1.62	0.071		0.7	1.15	6	<10	80	<0.5	<2	0.02	<0.5	71	128	166
121637		1.04	<0.005		0.2	2.50	<2	<10	180	<0.5	<2	0.39	<0.5	14	158	50
121638		1.04	<0.005		<0.2	2.49	4	<10	290	<0.5	<2	0.25	<0.5	12	188	29
121639		1.18	0.015		1.5	1.51	7	<10	30	0.8	6	1.72	<0.5	5	27	98
121640		1.14	0.041		2.6	1.24	5	<10	20	1.3	8	1.83	0.8	32	13	1190
121641		1.10	<0.005		<0.2	1.66	3	<10	60	<0.5	<2	1.20	<0.5	23	<1	19
121642		0.96	0.005		0.9	0.50	11	<10	30	0.5	2	0.67	<0.5	20	48	126
121651		0.71	0.016		0.7	1.58	9	<10	70	<0.5	<2	0.52	<0.5	23	123	236
121654		1.12	<0.005		0.7	0.79	9	<10	10	1.0	<2	0.79	<0.5	8	98	13
121655		1.02	0.006		0.3	3.30	6	<10	430	<0.5	<2	0.24	<0.5	11	248	59
121656		0.85	0.119		0.4	0.38	12	<10	10	<0.5	2	0.86	<0.5	9	5	122
121715		1.05	0.208		0.7	1.19	8	<10	10	<0.5	8	1.95	<0.5	2	24	36
121716		0.57	0.107		0.5	0.48	9	<10	<10	<0.5	3	1.04	<0.5	4	7	102
121717		1.20	0.012		<0.2	3.11	5	<10	520	<0.5	<2	0.58	<0.5	21	206	49
121718		0.57	<0.005		<0.2	2.88	3	<10	370	<0.5	2	0.12	<0.5	14	136	662

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm

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## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	élément	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	unités L.D.	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
121590		5.41	<10	1	0.03	10	0.16	97	<1	0.03	12	1360	<2	2.46	<2	<1
121591		35.1	<10	<1	0.08	<10	0.13	50	4	0.05	155	380	16	>10.0	<2	4
121592		7.41	<10	1	0.01	10	0.07	230	2	0.02	12	620	3	4.11	<2	<1
121593		6.64	<10	<1	0.19	10	0.32	271	1	0.12	76	1190	7	2.09	<2	2
121594		8.02	<10	<1	0.07	10	0.35	253	1	0.10	31	1900	2	3.26	<2	2
121595		6.71	<10	1	0.05	10	0.39	170	1	0.03	30	900	<2	2.91	<2	1
121596		10.20	10	<1	0.11	10	0.09	110	2	0.04	31	1570	4	5.03	<2	1
121597		1.20	<10	<1	0.28	<10	0.16	162	<1	0.07	<1	220	5	0.16	<2	2
121598		5.80	<10	<1	0.02	10	0.19	178	1	0.05	29	620	<2	2.35	<2	1
121599		5.12	<10	<1	0.22	10	0.41	121	2	0.04	208	1660	5	1.02	<2	5
121600		11.00	<10	<1	0.02	10	0.03	360	4	0.01	82	940	<2	5.99	<2	<1
121621		7.60	<10	<1	0.16	<10	0.68	1070	3	0.14	72	350	2	2.63	<2	8
121622		10.05	<10	1	0.03	10	0.21	84	4	0.05	22	2660	<2	5.08	<2	1
121623		5.82	<10	<1	0.04	10	0.27	348	1	0.06	25	690	<2	2.11	<2	2
121624		4.29	<10	<1	0.61	10	1.02	278	1	0.10	154	170	5	1.03	<2	8
121625		7.14	<10	<1	0.05	10	0.31	119	1	0.05	45	2000	3	3.19	<2	1
121626		3.71	<10	<1	0.01	10	0.10	137	8	0.01	14	1860	<2	0.54	<2	1
121627		4.00	<10	<1	0.02	<10	0.04	67	3	0.01	4	500	<2	0.59	<2	<1
121628		10.15	<10	<1	0.06	10	0.14	99	46	0.02	44	1350	<2	4.41	<2	1
121630		5.14	<10	<1	0.26	20	0.68	320	4	0.06	67	410	4	3.74	2	10
121631		6.15	10	<1	2.56	20	2.58	614	2	0.09	124	730	4	0.39	<2	17
121632		3.49	<10	<1	0.49	20	0.85	252	1	0.17	56	540	8	1.92	<2	7
121633		3.25	<10	<1	0.06	10	0.05	81	7	0.05	75	240	37	2.06	<2	<1
121634		8.74	10	<1	0.03	10	0.37	558	45	0.02	336	570	9	5.29	<2	3
121635		1.03	<10	<1	0.28	30	0.20	66	1	0.01	6	80	7	0.13	<2	1
121636		5.03	<10	<1	0.63	30	0.41	189	1	0.01	137	120	23	2.18	<2	4
121637		4.29	10	<1	0.91	10	1.69	336	<1	0.07	38	360	17	0.17	<2	9
121638		4.10	10	<1	1.29	20	1.73	425	<1	0.07	54	460	8	0.09	<2	13
121639		8.48	<10	<1	0.15	10	0.60	383	44	0.13	43	710	11	3.59	2	2
121640		7.51	<10	<1	0.15	10	0.19	177	16	0.05	55	1860	7	4.99	<2	1
121641		7.45	10	<1	0.26	20	0.51	555	<1	0.10	1	1870	6	0.25	<2	3
121642		7.27	<10	<1	0.10	10	0.29	366	7	0.07	50	1020	9	3.75	<2	1
121651		7.27	10	<1	1.00	10	1.03	289	3	0.05	114	760	<2	2.52	<2	3
121654		2.25	<10	<1	0.06	10	0.58	208	<1	0.08	36	210	17	0.35	<2	6
121655		6.48	20	1	1.44	10	2.19	387	<1	0.06	50	700	18	0.51	<2	16
121656		7.67	<10	<1	0.02	10	0.12	101	2	0.02	38	1290	4	4.15	<2	<1
121715		5.12	<10	<1	0.08	20	0.23	278	4	0.03	19	1030	3	1.33	<2	1
121716		5.68	<10	<1	0.02	10	0.07	107	5	<0.01	14	1980	<2	2.46	<2	<1
121717		5.09	10	<1	1.87	20	2.36	625	<1	0.09	90	1170	9	0.21	<2	11
121718		4.94	10	<1	1.69	10	1.76	493	<1	0.08	62	410	7	0.62	<2	17

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm

Résultat additionnelle en Au-AA23 pour l'échantillon 121567 est >10.0 ppm





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Nombre total de pages: 4 (A - C)  
Finalisée date: 8-AOUT-2007  
Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		1	0.01	10	10	1	10	2
121590		16	0.01	<10	<10	2	<10	19
121591		12	0.05	<10	<10	15	<10	388
121592		58	<0.01	<10	<10	2	110	10
121593		19	0.04	<10	<10	17	<10	35
121594		17	0.04	<10	<10	17	<10	19
121595		11	0.02	<10	<10	12	40	9
121596		45	0.01	<10	<10	9	340	17
121597		19	0.13	<10	<10	9	30	15
121598		12	0.01	<10	<10	6	<10	7
121599		18	0.11	<10	<10	18	<10	12
121600		26	0.01	<10	<10	5	<10	4
121621		6	0.12	<10	<10	64	<10	43
121622		83	0.01	<10	<10	7	<10	9
121623		18	0.03	<10	<10	14	<10	10
121624		23	0.22	<10	<10	59	<10	36
121625		49	0.02	<10	<10	10	<10	97
121626		25	0.01	<10	<10	9	<10	4
121627		41	0.01	<10	<10	3	<10	3
121628		36	0.02	<10	<10	9	<10	13
121630		10	0.07	<10	<10	44	<10	260
121631		13	0.37	<10	<10	128	<10	86
121632		38	0.21	<10	<10	57	<10	41
121633		14	0.21	<10	<10	10	20	36
121634		15	0.14	<10	<10	40	<10	1045
121635		3	0.06	<10	<10	10	<10	28
121636		2	0.18	<10	30	42	<10	124
121637		8	0.41	<10	<10	148	<10	74
121638		7	0.28	<10	<10	90	<10	62
121639		43	0.04	<10	<10	24	80	20
121640		43	0.01	<10	<10	13	1870	13
121641		29	0.54	<10	<10	158	10	134
121642		23	0.09	<10	<10	17	<10	22
121651		6	0.14	<10	<10	35	20	37
121654		24	0.12	<10	<10	40	<10	78
121655		9	0.32	<10	<10	113	<10	85
121656		54	0.01	<10	<10	4	<10	7
121715		34	0.05	<10	<10	13	10	10
121716		11	0.01	<10	<10	3	<10	5
121717		45	0.32	<10	<10	107	<10	76
121718		7	0.33	<10	<10	122	<10	76

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm  
Résultat additionnelle en Au-AA23 pour l'échantillon 121567 est >10.0 ppm



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Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Poids reçu kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
121719		0.57	<0.005		0.2	3.06	12	<10	270	<0.5	2	0.14	<0.5	22	166	3110
121720		0.35	<0.005		0.3	0.30	11	<10	30	0.5	<2	0.83	<0.5	5	5	53
121721		1.25	0.010		1.9	0.66	48	<10	10	<0.5	<2	0.55	<0.5	16	6	388
121722		1.24	<0.005		<0.2	1.72	4	<10	10	0.8	<2	1.25	<0.5	6	12	16
121723		1.28	0.112		0.6	0.09	424	<10	<10	<0.5	<2	0.75	<0.5	2	10	57
121724		1.17	0.672		0.5	0.30	>10000	<10	20	0.8	9	1.00	<0.5	69	3	109
121725		1.11	0.073		0.7	0.68	198	<10	10	<0.5	<2	1.47	<0.5	3	17	128
121726		1.22	0.034		0.9	0.17	6230	<10	<10	0.6	6	1.43	<0.5	23	2	149
121727		1.01	<0.005		0.6	0.30	41	<10	<10	<0.5	<2	0.44	<0.5	6	7	174

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm  
 Résultat additionnelle en Au-AA23 pour l'échantillon 121567 est >10.0 ppm



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Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
121719		6.32	10	1	1.80	10	1.84	527	<1	0.08	70	470	7	1.25	<2	19
121720		6.59	<10	<1	0.04	10	0.12	63	<1	0.03	39	2240	<2	1.92	<2	1
121721		19.6	<10	<1	0.02	<10	0.11	192	1	0.01	67	1140	3	8.24	<2	1
121722		2.84	10	<1	0.07	20	0.76	452	<1	0.08	7	400	4	0.24	<2	5
121723		4.84	<10	<1	0.01	10	0.02	56	<1	0.01	5	1240	<2	2.36	3	<1
121724		9.19	<10	<1	0.04	10	0.09	184	2	0.04	66	1040	6	4.74	3	<1
121725		9.08	<10	<1	0.04	10	0.21	81	<1	0.08	21	1300	<2	3.33	<2	1
121726		12.35	<10	<1	0.01	10	0.12	142	3	0.02	72	3620	<2	4.69	<2	<1
121727		9.06	<10	<1	0.02	10	0.11	67	1	0.02	22	570	<2	4.58	<2	<1

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm  
 Résultat additionnelle en Au-AA23 pour l'échantillon 121567 est >10.0 ppm



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Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071363

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Sr	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
		1	0.01	10	10	1	10	2
121719		10	0.37	<10	<10	149	<10	82
121720		157	0.01	<10	<10	4	<10	31
121721		33	<0.01	<10	<10	2	20	7
121722		14	0.16	<10	<10	31	<10	62
121723		29	<0.01	<10	<10	<1	10	3
121724		69	<0.01	<10	<10	3	10	17
121725		64	0.02	<10	<10	8	<10	8
121726		156	0.01	<10	<10	4	60	6
121727		4	0.01	<10	<10	2	<10	7

Commentaire: Résultat additionnelle en Au-GRA21 pour l'échantillon 121567 est 6.61 ppm  
Résultat additionnelle en Au-AA23 pour l'échantillon 121567 est >10.0 ppm



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Compte: MINVIR

## CERTIFICAT VO07071365

Projet: NICHICUN

Bon de commande #:

Ce rapport s'applique aux 11 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 6-JUIL-2007.

Les résultats sont transmis à:

PAUL ARCHER

MATHIEU SAVARD

## PRÉPARATION ÉCHANTILLONS

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

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
S-IR08	Soufre total (Leco)	LECO
PGM-ICP23	Pt, Pd et Au 30 g FA ICP	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM
Ag-AA61	Trace Ag - direction quatre acides	AAS
Co-AA61	Trace Co - Digestion quatre acides	AAS
Cu-AA61	Trace Cu - Digestion quatre acides	AAS
Ni-AA61	Trace Ni - Digestion quatre acides	AAS

À: MINES VIRGINIA INC.  
ATTN: PAUL ARCHER  
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QUEBEC QC G1K 4A7

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

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



# ALS Chemex

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Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07071365

Description échantillon	Méthode	WEI-21	Ag-AA61	Co-AA61	Cu-AA61	Ni-AA61	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	élément	Poids reçu	Ag	Co	Cu	Ni	Au	Pt	Pd	S	Al2O3	Fe2O3	MgO	Cr2O3	CaO
	unités	kg	ppm	ppm	ppm	ppm	ppb	ppb	ppb	%	%	%	%	%	%
L.D.	0.02	0.5	5	2	5	1	5	1	1	0.01	0.01	0.01	0.01	0.01	0.01
121579		1.14	<0.5	38	20	<5	2	<5	<1	0.26	13.87	14.97	2.84	0.01	7.23
121580		1.17	<0.5	45	40	93	<1	<5	1	0.10	16.57	11.87	8.28	0.02	9.64
121629		1.16	<0.5	80	48	962	2	<5	1	1.13	4.58	8.94	24.50	0.32	4.31
121643		0.84	<0.5	51	81	142	<1	<5	2	0.03	13.64	9.96	8.88	0.09	9.92
121652		0.75	<0.5	44	23	28	<1	<5	<1	0.22	16.21	14.52	4.10	0.01	8.01
121653		1.07	<0.5	45	25	14	2	<5	1	0.16	14.79	14.03	3.31	<0.01	6.76
121657		1.34	<0.5	45	24	14	<1	<5	<1	0.09	14.28	14.14	3.33	<0.01	6.52
121728		1.20	<0.5	48	26	<5	<1	<5	<1	0.18	12.34	18.20	3.35	0.02	6.70
121729		0.89	<0.5	49	25	<5	2	<5	<1	0.28	12.75	17.76	3.48	<0.01	7.31
121754		0.97	<0.5	66	54	59	1	<5	1	0.61	14.85	14.94	5.03	0.01	10.56
121765		1.20	<0.5	89	168	795	<1	<5	10	0.20	8.15	11.70	20.19	0.35	7.70



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Compte: MINVIR

## CERTIFICAT VO07083974

Projet: NICHICUN

Bon de commande #:

Ce rapport s'applique aux 6 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 2-AOUT-2007.

Les résultats sont transmis à:

PAUL ARCHER

MATHIEU SAVARD

## PRÉPARATION ÉCHANTILLONS

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

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Ag-AA61	Trace Ag - direction quatre acides	AAS
Co-AA61	Trace Co - Digestion quatre acides	AAS
Cu-AA61	Trace Cu - Digestion quatre acides	AAS
Ni-AA61	Trace Ni - Digestion quatre acides	AAS
S-IR08	Soufre total (Leco)	LECO
PGM-ICP23	Pt, Pd et Au 30 g FA ICP	ICP-AES
ME-XRF06	Roche totale - XRF	XRF
OA-GRA06	Perte par calcination pour ME-XRF06	WST-SIM

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

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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Nombre total de pages: 2 (A)

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Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07083974

Description échantillon	Méthode élément unités L.D.	WEI-21	Ag-AA61	Co-AA61	Cu-AA61	Ni-AA61	PGM-ICP23	PGM-ICP23	PGM-ICP23	S-IR08	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		Poids reçu	Ag	Co	Cu	Ni	Au	Pt	Pd	S	Al2O3	Fe2O3	MgO	Cr2O3	CaO
		kg	ppm	ppm	ppm	ppm	ppb	ppb	ppb	%	%	%	%	%	%
		0.02	0.5	5	2	5	1	5	1	0.01	0.01	0.01	0.01	0.01	0.01
121661		0.86	<0.5	40	15	21	17	<5	<1	0.12	15.30	12.07	5.20	<0.01	7.22
121673		0.82	<0.5	49	42	42	<1	<5	<1	0.18	14.93	14.24	5.96	0.02	9.20
121852		1.54	<0.5	98	46	1665	7	11	4	0.09	3.86	10.17	28.66	0.38	2.87
121853		1.18	<0.5	102	51	2120	3	7	<1	0.17	3.12	9.41	30.24	0.19	4.60
121932		0.93	<0.5	38	21	24	<1	<5	<1	0.34	14.80	13.72	3.44	0.01	7.95
121940		0.93	<0.5	47	23	646	<1	<5	1	0.26	5.89	9.65	24.94	0.12	4.36





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Page: 1

Finalisée date: 3-SEPT-2007

Compte: MINVIR

## CERTIFICAT VO07083975

Projet: NICHICUN

Bon de commande #:

Ce rapport s'applique aux 89 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 2-AOUT-2007.

Les résultats sont transmis à:

PAUL ARCHER

MATHIEU SAVARD

## PRÉPARATION ÉCHANTILLONS

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

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
ME-ICP41	Aqua regia ICP-AES 35 éléments	ICP-AES

À: MINES VIRGINIA INC.  
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Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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Nombre total de pages: 4 (A - C)

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Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	élément	Poids reçu	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	unités	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	L.D.	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
121662		1.10	<0.005	<0.2	1.38	<2	<10	10	<0.5	<2	1.73	<0.5	17	80	132	3.06
121663		0.96	<0.005	0.9	1.05	<2	<10	50	<0.5	<2	0.56	<0.5	21	130	95	4.83
121664		0.90	<0.005	0.4	1.12	<2	<10	50	0.7	<2	1.28	<0.5	3	9	48	1.13
121665		1.86	<0.005	0.5	0.91	<2	<10	80	0.8	2	0.59	<0.5	17	58	132	4.93
121666		1.62	<0.005	0.7	1.29	5	<10	10	<0.5	2	1.79	0.7	61	252	326	6.44
121667		0.86	0.009	0.2	1.03	16	<10	140	<0.5	<2	1.53	<0.5	17	32	51	5.33
121668		1.21	<0.005	0.2	2.60	<2	<10	180	<0.5	<2	0.44	<0.5	19	185	42	4.48
121669		1.22	<0.005	<0.2	2.55	<2	<10	40	<0.5	<2	2.49	<0.5	33	28	33	5.80
121670		1.32	<0.005	0.3	1.48	<2	<10	110	0.8	2	1.07	<0.5	12	82	105	6.63
121671		0.77	0.045	0.6	0.21	<2	<10	20	<0.5	2	0.84	<0.5	5	14	188	2.79
121672		1.76	0.018	0.4	1.13	4	<10	10	0.6	2	1.68	<0.5	5	24	97	4.07
121674		0.22	<0.005	<0.2	0.61	<2	<10	10	<0.5	<2	1.08	<0.5	6	59	34	1.00
121675		0.94	<0.005	<0.2	2.32	<2	<10	20	0.5	2	1.41	<0.5	36	186	63	2.74
121676		1.25	<0.005	0.2	1.21	<2	<10	160	<0.5	2	0.39	0.6	28	172	144	5.02
121677		0.44	<0.005	0.3	3.20	8	<10	60	0.9	<2	2.51	<0.5	24	14	86	3.86
121678		1.46	<0.005	0.7	2.83	11	<10	10	1.3	2	2.26	6.4	46	49	275	6.69
121679		1.51	<0.005	0.2	0.50	3	<10	10	<0.5	2	0.68	0.5	28	34	86	4.19
121680		1.28	<0.005	0.3	0.49	6	<10	20	<0.5	3	0.60	<0.5	20	52	68	2.53
121681		1.02	0.028	0.3	1.03	858	20	10	<0.5	4	1.50	<0.5	31	11	194	4.44
121682		2.37	<0.005	0.4	1.38	906	20	<10	<0.5	3	1.28	<0.5	41	16	110	5.08
121744		1.09	<0.005	<0.2	1.97	3	<10	10	<0.5	3	2.81	<0.5	19	20	129	3.41
121745		1.33	<0.005	<0.2	0.03	6	<10	<10	<0.5	2	0.21	<0.5	<1	9	6	4.51
121746		1.10	0.028	0.2	1.86	20	<10	30	<0.5	2	1.90	<0.5	43	36	189	8.19
121747		0.79	8.49	1.7	2.05	>10000	<10	40	<0.5	3	1.20	<0.5	208	250	241	5.81
121748		0.81	1.960	1.4	1.92	4310	<10	20	<0.5	<2	1.16	<0.5	61	251	415	5.92
121749		0.98	0.374	0.2	2.90	567	<10	40	<0.5	4	1.12	<0.5	45	388	245	6.72
121750		1.20	0.016	0.3	2.57	223	<10	20	<0.5	2	1.28	1.7	42	24	280	3.58
121767		1.24	<0.005	0.2	1.85	13	10	30	0.5	2	2.51	0.5	37	16	157	4.26
121847		1.58	<0.005	0.2	3.08	<2	<10	270	0.9	3	0.09	<0.5	23	267	41	4.17
121848		2.05	<0.005	0.6	0.15	<2	<10	<10	<0.5	2	0.71	<0.5	23	10	624	7.49
121849		1.28	<0.005	0.5	2.07	4	<10	160	<0.5	<2	0.80	<0.5	21	161	57	3.40
121850		0.78	<0.005	0.4	0.37	<2	<10	20	<0.5	2	0.52	<0.5	1	23	16	1.44
121851		1.34	0.023	0.3	2.03	64	<10	10	<0.5	2	1.02	<0.5	55	90	224	6.63
121854		1.56	0.059	0.3	3.43	107	<10	150	<0.5	2	1.31	<0.5	37	219	202	7.02
121855		1.34	0.025	0.3	2.12	343	<10	20	<0.5	2	0.53	<0.5	11	34	205	5.65
121856		1.03	0.027	0.2	1.97	32	10	20	<0.5	3	2.89	<0.5	25	87	163	3.23
121921		0.91	<0.005	0.3	1.41	<2	<10	<10	<0.5	2	0.26	<0.5	32	405	42	1.50
121922		0.95	0.018	0.7	0.50	6	<10	40	<0.5	2	0.59	<0.5	37	23	237	5.95
121923		0.41	0.095	2.9	0.23	<2	<10	<10	<0.5	3	0.62	1.6	27	8	1120	20.2
121924		1.11	0.030	1.1	0.86	<2	<10	20	<0.5	3	0.88	0.7	57	18	731	10.00



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Nombre total de pages: 4 (A - C)  
Finalisée date: 3-SEPT-2007  
Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	élément unités L.D.	Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
121662		10	<1	0.13	<10	1.16	453	1	0.22	34	300	<2	0.14	<2	11	12
121663		<10	1	0.47	20	0.84	303	2	0.10	52	500	8	2.35	<2	6	12
121664		<10	1	0.20	10	0.08	73	4	0.07	4	220	2	0.31	<2	<1	66
121665		<10	<1	0.41	30	0.39	365	11	0.10	47	290	8	2.49	<2	11	7
121666		<10	1	0.05	<10	0.58	629	1	0.03	618	400	5	3.47	<2	3	9
121667		10	1	0.47	40	0.51	258	21	0.07	25	3390	3	1.53	<2	4	39
121668		10	1	1.15	20	1.94	506	3	0.07	81	460	7	0.15	<2	13	15
121669		10	1	0.11	10	1.40	430	1	0.07	47	1720	2	0.16	<2	2	43
121670		10	1	0.53	10	0.74	223	3	0.08	67	1380	<2	1.90	<2	3	17
121671		<10	<1	0.03	<10	0.08	90	6	0.01	30	110	<2	0.54	<2	<1	22
121672		<10	1	0.08	10	0.29	256	1	0.05	28	2460	<2	1.27	<2	1	20
121674		<10	<1	0.05	20	0.28	120	1	0.08	60	530	5	0.05	<2	1	22
121675		<10	1	0.21	10	0.91	38	1	0.30	551	730	5	1.32	<2	1	79
121676		<10	1	0.60	10	1.03	113	2	0.05	107	400	2	1.37	<2	3	24
121677		10	1	0.05	<10	0.17	166	1	0.22	70	430	4	2.44	<2	2	256
121678		10	1	0.03	10	0.33	174	5	0.12	107	410	5	4.40	<2	4	82
121679		<10	1	0.08	10	0.15	104	2	0.06	179	660	4	2.40	<2	2	15
121680		<10	1	0.11	10	0.18	69	2	0.05	124	680	7	1.18	<2	1	14
121681		<10	1	0.13	<10	0.26	355	1	0.02	37	530	<2	2.25	<2	3	9
121682		10	<1	0.06	<10	0.79	654	4	0.08	40	570	14	1.56	<2	8	12
121744		10	1	0.12	<10	0.86	478	1	0.17	30	600	2	0.29	<2	8	18
121745		<10	1	<0.01	<10	0.02	29	2	0.01	3	580	3	0.27	<2	<1	10
121746		<10	1	0.33	<10	0.36	270	1	0.02	93	220	7	5.33	<2	4	9
121747		10	1	0.20	<10	0.75	766	1	0.09	429	130	5	0.98	3	14	9
121748		10	<1	0.13	<10	0.69	1080	1	0.07	175	200	4	0.78	<2	13	8
121749		10	<1	0.28	<10	1.13	918	1	0.07	155	150	7	0.71	<2	21	10
121750		10	<1	0.23	10	0.83	225	5	0.19	59	520	27	1.42	<2	4	62
121767		<10	<1	0.12	<10	0.10	176	2	0.06	68	250	3	2.47	<2	2	68
121847		10	1	1.67	20	2.23	139	2	0.07	119	240	6	0.17	<2	8	10
121848		<10	<1	0.02	10	0.09	116	2	0.01	37	2150	2	4.28	<2	<1	17
121849		10	1	0.68	10	1.25	447	2	0.28	82	540	5	2.05	2	12	23
121850		<10	<1	0.06	<10	0.06	78	6	0.12	3	240	28	1.32	<2	1	55
121851		<10	1	0.06	<10	0.62	1560	1	0.05	180	170	<2	1.14	<2	34	5
121854		10	1	1.24	<10	1.11	498	1	0.18	103	270	6	1.38	<2	28	31
121855		10	<1	0.40	10	1.34	629	2	0.09	27	310	6	1.36	<2	3	8
121856		<10	<1	0.15	<10	0.65	356	1	0.10	97	210	4	0.79	<2	9	19
121921		<10	<1	0.01	<10	2.63	80	1	0.02	690	370	<2	0.24	<2	1	3
121922		<10	<1	0.11	10	0.21	203	5	0.04	51	970	2	2.71	<2	2	19
121923		<10	<1	0.02	<10	0.18	194	6	0.03	92	1580	3	8.60	<2	1	22
121924		<10	<1	0.14	<10	0.54	376	29	0.10	85	280	3	5.26	<2	2	16



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Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti % 0.01	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
121662		0.16	<10	<10	89	<10	39
121663		0.24	<10	<10	60	<10	49
121664		0.02	<10	<10	3	<10	10
121665		0.14	<10	<10	45	30	99
121666		0.21	<10	<10	34	<10	127
121667		0.18	<10	<10	61	30	68
121668		0.30	<10	<10	95	<10	74
121669		0.19	<10	<10	90	<10	78
121670		0.13	<10	<10	34	<10	25
121671		0.01	<10	<10	5	<10	6
121672		0.02	<10	<10	11	<10	17
121674		0.09	<10	<10	12	20	8
121675		0.03	<10	<10	14	<10	15
121676		0.13	<10	<10	37	60	257
121677		0.15	<10	<10	29	<10	23
121678		0.13	<10	<10	22	10	875
121679		0.16	<10	<10	17	<10	17
121680		0.11	<10	<10	10	<10	19
121681		0.18	<10	<10	35	10	23
121682		0.16	<10	<10	76	<10	57
121744		0.28	<10	<10	111	<10	43
121745		<0.01	<10	<10	3	<10	2
121746		0.13	<10	<10	36	<10	32
121747		0.10	<10	<10	152	10	46
121748		0.11	<10	<10	150	10	61
121749		0.22	<10	<10	245	<10	117
121750		0.04	<10	<10	26	<10	825
121767		0.18	<10	<10	25	<10	71
121847		0.32	<10	<10	127	<10	70
121848		<0.01	<10	<10	1	<10	19
121849		0.17	<10	<10	81	<10	62
121850		0.17	<10	<10	10	<10	3
121851		0.10	<10	<10	107	<10	47
121854		0.43	<10	<10	301	<10	83
121855		0.16	<10	<10	40	<10	88
121856		0.11	<10	<10	76	<10	32
121921		0.02	<10	<10	13	<10	13
121922		0.05	<10	<10	28	<10	19
121923		0.01	10	<10	20	10	17
121924		0.01	<10	<10	16	<10	33



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## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	élément	Poids reçu	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	unités	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	L.D.	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
121925		1.26	1.225	0.2	0.71	41	<10	20	<0.5	2	0.25	5.0	27	18	200	20.2
121926		0.67	<0.005	0.2	0.18	<2	<10	10	<0.5	5	0.35	<0.5	<1	11	164	17.9
121927		1.51	<0.005	0.6	0.05	5	<10	<10	<0.5	6	0.16	0.5	76	4	487	30.5
121928		0.60	<0.005	0.9	1.08	<2	<10	<10	<0.5	2	0.33	0.7	46	11	466	10.25
121929		1.06	<0.005	<0.2	2.30	<2	<10	10	<0.5	2	2.35	<0.5	17	76	120	2.92
121930		0.79	0.006	0.5	1.43	<2	<10	20	<0.5	2	1.30	<0.5	20	31	219	4.03
121931		0.97	0.006	0.5	0.25	<2	<10	10	<0.5	3	0.28	<0.5	153	15	228	10.90
121933		0.89	<0.005	0.2	0.59	<2	<10	40	<0.5	4	0.69	0.6	25	74	62	6.98
121934		1.51	<0.005	<0.2	2.38	18	<10	720	<0.5	3	1.41	<0.5	14	76	30	6.53
121935		0.97	<0.005	<0.2	1.57	2	<10	30	<0.5	<2	1.65	<0.5	44	140	370	4.97
121936		0.75	<0.005	<0.2	2.48	2	<10	440	<0.5	3	0.53	<0.5	14	217	16	5.27
121937		1.15	<0.005	0.4	0.40	21	<10	30	<0.5	3	0.85	<0.5	2	33	236	8.35
121938		1.55	<0.005	<0.2	0.19	<2	<10	10	<0.5	4	0.69	<0.5	<1	16	16	24.2
121939		0.94	<0.005	0.5	2.17	11	<10	50	<0.5	2	0.28	<0.5	25	261	42	5.12
121941		1.52	<0.005	0.2	1.38	<2	<10	210	<0.5	2	0.65	<0.5	28	319	70	4.25
121951		1.38	<0.005	<0.2	2.08	<2	<10	50	<0.5	<2	2.46	<0.5	15	3	38	4.25
121952		1.31	<0.005	<0.2	0.16	<2	<10	<10	<0.5	<2	0.43	0.5	<1	8	34	24.6
121953		0.73	<0.005	0.2	0.96	<2	<10	130	<0.5	3	0.92	<0.5	11	171	25	2.22
121954		1.39	<0.005	<0.2	2.05	<2	<10	250	<0.5	4	0.80	<0.5	11	242	55	12.85
121955		1.02	<0.005	<0.2	0.41	<2	<10	20	<0.5	2	1.08	<0.5	2	71	9	1.37
121956		1.21	0.019	0.6	0.92	<2	<10	60	<0.5	4	1.32	<0.5	16	43	404	7.12
121957		1.41	<0.005	<0.2	0.14	49	<10	10	<0.5	5	0.40	<0.5	<1	9	23	28.9
121958		1.02	<0.005	0.2	1.80	<2	<10	120	0.7	2	0.66	<0.5	14	153	98	3.34
121959		1.06	<0.005	0.2	0.70	<2	<10	80	<0.5	4	0.68	<0.5	13	132	42	1.91
121960		2.43	0.014	<0.2	0.17	5	<10	<10	0.6	2	1.35	<0.5	3	7	66	6.04
121961		1.61	<0.005	<0.2	2.75	4	<10	480	<0.5	<2	0.19	<0.5	13	280	24	4.54
121962		1.45	<0.005	0.5	1.20	<2	<10	70	<0.5	4	0.83	<0.5	42	100	614	7.61
121963		1.03	0.014	0.2	0.11	35	<10	<10	<0.5	<2	0.36	<0.5	<1	12	20	19.6
121964		1.93	0.005	<0.2	0.03	<2	<10	<10	<0.5	2	0.16	0.6	<1	7	20	16.0
121965		1.09	<0.005	0.2	0.02	<2	<10	<10	<0.5	2	0.06	<0.5	1	16	27	2.84
121966		0.94	0.011	0.2	0.07	2	<10	<10	<0.5	2	0.36	<0.5	1	8	40	10.90
121967		0.51	0.032	0.3	2.59	2	<10	20	<0.5	5	2.26	<0.5	24	55	241	4.26
121968		0.88	<0.005	<0.2	1.98	<2	<10	130	0.6	3	0.96	<0.5	17	224	44	4.21
121969		0.50	<0.005	0.2	0.27	2	<10	10	<0.5	2	0.04	<0.5	<1	6	3	0.71
121970		0.66	<0.005	<0.2	0.15	<2	<10	10	<0.5	2	0.11	<0.5	1	13	6	0.61
121971		0.68	<0.005	1.0	0.78	<2	<10	50	<0.5	2	0.34	<0.5	6	13	1440	9.64
121972		1.09	<0.005	<0.2	0.80	7	<10	80	<0.5	2	0.12	<0.5	2	9	6	1.96
121973		0.56	0.186	0.4	0.72	9	<10	20	4.5	6	1.06	<0.5	3	18	168	7.26
121974		1.45	<0.005	<0.2	1.77	<2	<10	50	<0.5	2	1.27	<0.5	27	4	22	7.16
121975		1.24	0.162	0.7	1.56	29	<10	10	<0.5	3	1.25	<0.5	326	46	219	8.40



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Finalisée date: 3-SEPT-2007

Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
121925		<10	<1	0.08	10	0.12	2770	4	0.02	53	230	7	7.27	6	3	4
121926		<10	<1	0.02	<10	0.09	57	2	0.02	12	530	<2	2.89	<2	<1	30
121927		<10	<1	0.01	<10	0.06	45	3	0.01	327	640	27	>10.0	<2	<1	10
121928		<10	1	<0.01	10	0.32	3030	4	0.01	95	250	3	5.58	<2	2	2
121929		10	<1	0.14	<10	1.03	490	7	0.27	32	240	2	0.22	<2	12	27
121930		<10	<1	0.14	20	0.45	228	1	0.08	43	610	10	1.80	<2	3	11
121931		<10	<1	0.03	<10	0.04	87	16	0.03	120	200	2	6.94	<2	1	20
121933		<10	<1	0.09	20	0.17	167	4	0.06	202	720	12	4.71	<2	2	27
121934		10	<1	0.13	<10	1.15	1710	1	0.12	37	210	<2	0.54	<2	12	5
121935		<10	<1	0.08	<10	1.09	616	1	0.18	149	300	<2	1.64	2	8	12
121936		10	1	1.41	20	1.46	269	2	0.13	72	590	3	0.32	<2	8	31
121937		<10	<1	0.07	<10	0.28	118	3	0.04	31	1250	3	3.93	<2	1	32
121938		<10	<1	0.03	<10	0.13	56	3	0.03	7	1130	6	0.25	<2	<1	45
121939		20	1	1.68	10	2.82	412	2	0.09	180	780	8	2.54	<2	6	11
121941		10	1	0.58	10	1.73	147	1	0.08	122	1600	8	1.38	<2	3	26
121951		10	1	0.43	10	1.04	521	1	0.20	6	2600	2	0.08	<2	9	26
121952		<10	<1	<0.01	<10	0.06	48	2	0.01	5	1650	3	0.76	<2	<1	20
121953		<10	<1	0.40	10	0.97	247	1	0.15	71	1130	4	0.10	<2	4	17
121954		10	1	1.35	10	1.69	325	2	0.11	90	1080	3	0.34	<2	3	27
121955		<10	<1	0.11	<10	0.32	103	1	0.08	31	610	2	0.05	<2	1	59
121956		<10	<1	0.21	10	0.50	317	3	0.11	69	1060	3	2.58	<2	2	12
121957		<10	<1	0.01	<10	0.07	70	3	0.01	9	1750	5	0.89	<2	<1	321
121958		10	1	0.45	40	1.57	217	<1	0.09	71	530	19	0.25	<2	7	22
121959		<10	<1	0.40	<10	1.01	128	1	0.04	137	1840	<2	0.32	<2	1	11
121960		<10	<1	0.01	10	0.12	105	3	0.02	12	2240	2	2.82	<2	<1	66
121961		10	<1	1.75	20	1.87	397	4	0.12	55	480	8	0.05	<2	14	19
121962		<10	<1	0.70	10	1.03	382	2	0.09	142	1250	13	3.43	<2	2	24
121963		<10	1	0.01	<10	0.08	61	12	0.01	7	1410	2	0.80	<2	<1	66
121964		<10	<1	0.01	<10	0.31	158	2	0.01	6	350	<2	1.09	<2	<1	6
121965		<10	1	<0.01	<10	0.02	40	1	<0.01	5	150	<2	0.67	<2	<1	3
121966		<10	<1	0.01	10	0.15	201	2	0.02	7	1110	<2	2.29	<2	<1	11
121967		10	<1	0.10	<10	0.79	632	1	0.23	59	180	4	1.22	<2	8	33
121968		10	<1	1.27	10	2.00	538	1	0.12	96	1450	7	0.20	<2	11	24
121969		<10	<1	0.17	20	0.05	56	<1	0.08	2	70	8	0.06	<2	1	6
121970		<10	<1	0.03	<10	0.06	58	1	0.04	3	40	<2	0.01	<2	1	4
121971		20	<1	0.33	50	0.22	483	2	0.06	1	530	28	1.02	<2	7	5
121972		<10	1	0.51	30	0.19	294	2	0.07	2	330	3	0.02	<2	2	9
121973		<10	<1	0.06	10	0.23	127	3	0.06	14	1320	<2	2.61	<2	1	55
121974		10	<1	0.16	20	0.85	569	2	0.14	14	1470	4	0.19	<2	2	32
121975		<10	<1	0.10	<10	0.97	343	5	0.13	50	190	4	5.17	<2	8	8



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Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
121925		0.06	<10	<10	17	<10	724
121926		0.01	<10	<10	6	<10	5
121927		<0.01	<10	<10	1	<10	5
121928		0.05	<10	<10	13	<10	105
121929		0.20	<10	<10	94	<10	33
121930		0.06	<10	<10	20	<10	60
121931		0.06	<10	<10	21	<10	7
121933		0.14	<10	<10	24	<10	114
121934		0.26	<10	<10	119	<10	21
121935		0.14	<10	<10	68	<10	69
121936		0.22	<10	<10	72	<10	45
121937		0.02	<10	<10	8	<10	5
121938		0.01	<10	<10	10	<10	4
121939		0.22	<10	<10	86	<10	84
121941		0.20	<10	<10	70	<10	35
121951		0.34	<10	<10	75	<10	72
121952		0.01	10	<10	7	<10	4
121953		0.09	<10	<10	31	<10	21
121954		0.14	<10	<10	54	<10	32
121955		0.02	<10	<10	5	<10	5
121956		0.05	<10	<10	18	10	18
121957		0.01	<10	<10	8	40	6
121958		0.20	<10	<10	64	<10	42
121959		0.04	<10	<10	12	<10	14
121960		0.01	<10	<10	4	<10	4
121961		0.28	<10	<10	97	<10	59
121962		0.10	<10	<10	37	10	34
121963		0.01	<10	<10	18	<10	4
121964		<0.01	10	<10	3	<10	5
121965		<0.01	<10	<10	4	<10	<2
121966		<0.01	<10	<10	6	<10	5
121967		0.08	<10	<10	58	<10	20
121968		0.20	<10	<10	69	<10	54
121969		0.02	<10	<10	2	<10	4
121970		0.02	<10	<10	5	<10	4
121971		0.48	<10	<10	103	<10	46
121972		0.12	<10	<10	8	<10	51
121973		0.02	<10	<10	10	60	9
121974		0.56	<10	<10	132	<10	123
121975		0.10	<10	<10	65	<10	27



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## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Poids reçu kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
121976		0.75	0.375	3.7	1.06	3	<10	20	<0.5	2	0.78	<0.5	37	53	820	12.20
178855		1.08	0.005	0.5	0.19	<2	<10	10	0.7	4	0.33	<0.5	<1	6	17	7.78
178856		1.07	<0.005	<0.2	0.24	5	<10	<10	<0.5	2	0.19	<0.5	1	20	12	0.77
178857		0.82	<0.005	<0.2	2.12	21	<10	20	0.5	4	0.99	<0.5	9	252	38	3.82
178858		1.45	<0.005	<0.2	2.04	140	<10	40	<0.5	4	0.71	<0.5	4	46	30	7.19
178859		1.60	0.018	0.5	0.59	32	<10	<10	<0.5	3	1.04	<0.5	11	13	270	6.39
178860		1.53	0.006	0.2	4.00	31	<10	260	<0.5	3	0.03	<0.5	15	122	41	6.50
178861		1.48	0.006	0.2	2.06	4	<10	20	0.7	2	1.14	<0.5	14	176	33	3.68
178862		0.97	0.094	0.4	0.22	14	<10	10	<0.5	3	0.68	<0.5	3	6	101	9.63





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## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
121976		<10	<1	0.17	10	0.41	317	4	0.05	177	400	3	8.89	<2	4	9
178855		<10	1	0.03	<10	0.10	55	2	0.03	1	1310	<2	0.39	<2	<1	19
178856		<10	<1	0.03	<10	0.04	43	1	0.04	3	50	2	0.10	<2	<1	4
178857		10	1	0.11	20	1.33	279	1	0.04	50	170	15	0.16	2	11	8
178858		<10	<1	0.13	10	0.46	312	5	0.02	21	590	<2	0.64	<2	3	5
178859		<10	1	0.01	10	0.07	362	2	0.02	35	1670	2	3.32	<2	<1	14
178860		20	<1	2.39	30	1.53	617	4	0.06	35	110	7	0.15	<2	21	10
178861		10	<1	0.06	20	1.48	359	2	0.06	70	590	11	0.10	<2	8	8
178862		<10	1	0.02	<10	0.03	118	2	0.02	13	1050	<2	1.84	<2	<1	59



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## CERTIFICAT D'ANALYSE VO07083975

Description échantillon	Méthode élément unités L.D.					
	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
	0.01	10	10	1	10	2
121976	0.15	<10	<10	49	<10	59
178855	0.01	<10	<10	5	<10	4
178856	0.01	<10	<10	3	<10	2
178857	0.21	<10	<10	78	<10	41
178858	0.07	<10	<10	29	<10	19
178859	<0.01	<10	<10	4	<10	3
178860	0.49	<10	<10	104	<10	119
178861	0.23	<10	<10	83	<10	55
178862	0.01	<10	<10	8	<10	11



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## CERTIFICAT VO07090550

Projet: NICHICUN

Bon de commande #:

Ce rapport s'applique aux 45 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 16-AOUT-2007.

Les résultats sont transmis à:

PAUL ARCHER

MATHIEU SAVARD

## PRÉPARATION ÉCHANTILLONS

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

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
ME-ICP41	Aqua regia ICP-AES 35 éléments	ICP-AES

À: MINES VIRGINIA INC.  
ATTN: PAUL ARCHER  
116 RUE ST-PIERRE  
BUREAU 200  
QUEBEC QC G1K 4A7

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

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

ALS Canada Ltd.

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North Vancouver BC V7J 2C1

Téléphone: 604 984 0221 Télécopieur: 604 984 0218 www.alschemex.com

À: MINES VIRGINIA INC.

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BUREAU 200

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Page: 2 - A

Nombre total de pages: 3 (A - C)

Finalisée date: 9-OCT-2007

Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07090550

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Poids reçu kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
121859		0.94	0.675	1.7	0.12	112	<10	<10	<0.5	3	0.45	<0.5	83	6	592	15.3
121860		1.00	0.049	0.2	4.27	2	<10	190	<0.5	3	0.02	<0.5	22	493	84	10.00
121861		4.81	0.038	0.3	4.56	150	<10	630	<0.5	3	0.14	<0.5	19	324	22	8.09
121862		1.75	0.060	1.0	3.34	77	<10	40	<0.5	5	0.08	<0.5	30	257	366	10.50
121863		0.59	0.120	1.6	1.12	<2	<10	20	<0.5	4	<0.01	<0.5	150	85	462	19.6
121864		1.31	0.418	0.9	0.13	888	<10	<10	<0.5	<2	0.60	<0.5	26	6	335	6.73
122043		0.98	<0.005	<0.2	3.37	4	<10	240	0.5	<2	0.11	<0.5	29	177	92	5.13
122044		1.17	0.009	0.2	2.72	23	<10	330	<0.5	<2	0.14	<0.5	26	139	50	4.40
122045		1.16	<0.005	0.2	1.35	57	<10	<10	0.8	<2	2.47	<0.5	17	26	43	0.88
122046		1.77	<0.005	0.2	2.66	10	<10	130	0.5	2	0.54	<0.5	64	225	206	4.60
122086		2.08	<0.005	0.3	1.35	7	<10	10	<0.5	2	0.31	<0.5	33	82	90	7.07
122087		2.13	0.024	0.2	2.56	16	<10	<10	<0.5	3	0.30	<0.5	70	138	175	16.3
122088		0.63	0.006	0.4	1.84	21	<10	30	1.1	<2	1.35	0.6	27	135	199	5.95
122089		0.83	0.106	0.2	0.15	>10000	<10	<10	1.1	5	0.27	0.6	220	1	88	18.6
122090		0.78	0.014	0.6	0.15	3980	<10	<10	0.6	4	0.19	<0.5	29	1	136	23.7
122091		1.15	<0.005	<0.2	0.80	233	<10	40	<0.5	2	0.15	<0.5	14	18	29	4.56
122092		0.73	0.040	0.3	1.91	511	<10	60	1.0	5	0.09	<0.5	11	53	39	10.50
122093		1.45	0.007	0.3	2.71	21	<10	10	<0.5	2	2.29	<0.5	33	44	1020	3.87
122094		1.22	<0.005	0.3	1.94	2	<10	70	<0.5	3	0.40	<0.5	39	81	205	5.11
122095		1.20	0.010	0.9	1.99	3	<10	20	<0.5	4	1.26	<0.5	95	61	525	7.53
122096		1.45	<0.005	<0.2	1.90	162	<10	40	<0.5	2	0.49	<0.5	17	3	141	5.81
122097		1.39	<0.005	<0.2	0.42	884	<10	<10	<0.5	<2	0.27	<0.5	7	5	95	4.10
122098		1.20	<0.005	<0.2	0.19	13	<10	<10	<0.5	<2	0.13	<0.5	10	7	35	4.40
122117		1.33	<0.005	0.2	0.46	38	<10	20	0.6	5	0.15	<0.5	23	29	61	15.0
122118		1.35	<0.005	<0.2	0.07	<2	<10	<10	0.6	<2	0.59	<0.5	5	6	59	6.74
122119		1.06	<0.005	0.4	0.06	21	<10	10	<0.5	2	0.53	1.1	1	4	42	4.40
122120		1.21	<0.005	0.5	1.29	12	<10	10	<0.5	<2	0.77	<0.5	43	45	908	3.89
122121		0.77	<0.005	<0.2	1.73	<2	<10	<10	<0.5	<2	1.45	<0.5	10	61	75	1.22
122122		0.89	1.695	6.9	1.22	5	<10	70	<0.5	2	0.37	<0.5	32	31	685	2.94
122123		1.70	0.014	0.5	0.09	<2	<10	<10	<0.5	5	0.44	<0.5	3	7	58	7.38
122124		1.70	0.049	1.0	0.23	3	<10	<10	<0.5	4	0.59	<0.5	9	6	352	7.65
122125		1.34	0.078	0.6	0.06	7	<10	<10	<0.5	<2	0.55	<0.5	<1	6	54	4.77
122126		0.99	<0.005	<0.2	0.54	7	<10	<10	<0.5	<2	0.68	<0.5	5	12	28	3.67
122127		1.63	0.070	0.8	1.93	180	<10	40	<0.5	3	2.07	<0.5	35	52	240	6.29
122128		1.07	<0.005	<0.2	1.98	32	<10	10	0.8	2	0.85	<0.5	16	43	43	3.99
122217		1.01	<0.005	0.8	0.64	5	<10	30	0.5	<2	1.18	<0.5	10	20	297	7.20
122218		0.69	<0.005	<0.2	2.52	2	<10	<10	<0.5	<2	1.52	<0.5	36	90	431	4.18
122219		0.96	<0.005	<0.2	0.09	<2	<10	<10	<0.5	<2	0.07	<0.5	1	3	14	0.49
122220		1.04	0.040	<0.2	5.06	4250	<10	50	<0.5	4	3.41	<0.5	47	139	191	3.70
122221		1.16	<0.005	<0.2	2.32	35	<10	10	<0.5	2	0.86	<0.5	44	113	356	5.85



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Nombre total de pages: 3 (A - C)

Finalisée date: 9-OCT-2007

Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07090550

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
121859		<10	<1	0.02	10	0.19	83	3	0.01	249	1280	7	9.07	<2	4	
121860		10	1	2.84	10	1.46	364	6	0.05	25	120	11	0.96	3	8	
121861		10	2	2.86	20	1.84	434	1	0.08	157	520	7	0.44	5	12	
121862		10	<1	2.31	10	1.70	558	1	0.05	74	280	6	3.24	2	6	
121863		<10	<1	0.44	20	0.26	152	2	0.01	331	20	13	>10.0	<2	5	
121864		<10	1	0.02	10	0.04	58	1	<0.01	60	1750	2	3.96	2	28	
122043		10	<1	0.99	10	2.17	397	2	0.04	120	530	2	0.44	2	5	
122044		10	<1	1.63	10	1.47	256	1	0.08	79	490	3	0.45	<2	7	
122045		<10	<1	0.02	<10	0.15	164	<1	0.03	39	170	<2	0.07	2	14	
122046		10	<1	0.53	10	1.23	233	2	0.14	157	880	<2	1.40	5	51	
122086		10	<1	0.09	10	0.77	537	1	0.05	57	360	9	4.14	4	13	
122087		10	<1	0.08	<10	1.17	794	<1	0.03	46	330	21	9.47	3	27	
122088		10	<1	0.21	<10	0.70	808	<1	0.10	70	540	6	3.33	2	8	
122089		<10	2	0.01	10	0.09	66	<1	0.01	161	1300	9	6.93	182	13	
122090		<10	1	0.01	10	0.10	44	<1	0.01	61	960	16	>10.0	21	11	
122091		<10	1	0.17	20	0.23	123	3	0.01	48	830	3	1.85	8	217	
122092		10	<1	0.37	10	0.79	578	5	0.01	7	360	19	4.37	15	3	
122093		<10	1	0.05	<10	0.43	509	<1	0.12	95	210	5	1.71	2	87	
122094		10	<1	0.29	10	0.93	249	1	0.07	58	420	3	1.48	<2	22	
122095		10	1	0.12	10	0.81	308	13	0.07	169	460	2	2.99	5	18	
122096		10	<1	0.17	10	0.76	171	2	0.02	7	850	5	0.94	<2	4	
122097		<10	<1	0.02	<10	0.13	284	<1	<0.01	10	780	<2	1.54	3	11	
122098		<10	<1	0.02	<10	0.09	171	1	<0.01	26	200	<2	1.86	2	2	
122117		10	1	0.17	20	0.28	97	4	0.03	44	420	14	>10.0	<2	6	
122118		<10	<1	0.01	10	0.06	102	1	<0.01	14	1730	<2	3.27	<2	39	
122119		<10	<1	0.02	10	0.07	86	<1	0.01	1	1570	290	1.13	2	34	
122120		10	<1	0.07	10	0.82	332	2	0.09	31	740	4	1.06	4	8	
122121		<10	<1	0.02	<10	0.58	203	<1	0.06	39	130	<2	0.07	<2	29	
122122		10	<1	0.55	10	0.51	316	1	0.06	16	520	3	0.55	4	16	
122123		<10	<1	0.02	10	0.05	52	1	0.01	9	870	3	2.02	3	40	
122124		<10	<1	0.02	<10	0.19	111	6	0.02	20	930	11	4.38	<2	21	
122125		<10	<1	0.01	10	0.07	63	2	0.01	3	1340	<2	2.18	<2	17	
122126		<10	<1	0.03	10	0.14	216	1	0.03	13	730	3	0.88	2	14	
122127		10	<1	0.22	<10	1.12	1220	<1	0.08	62	230	9	1.92	<2	7	
122128		10	<1	0.60	20	0.88	272	2	0.19	55	630	9	3.51	3	18	
122217		10	<1	0.08	10	0.20	132	4	0.05	26	1280	10	2.26	<2	20	
122218		10	1	0.03	<10	1.45	633	<1	0.19	96	210	<2	0.73	3	10	
122219		<10	<1	0.05	<10	0.02	21	1	<0.01	1	50	<2	0.09	<2	6	
122220		10	<1	0.13	<10	0.44	397	<1	0.46	110	190	<2	1.41	9	42	
122221		10	<1	0.04	<10	1.71	516	<1	0.11	135	180	<2	1.41	4	1	



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Nombre total de pages: 3 (A - C)

Finalisée date: 9-OCT-2007

Compte: MINVIR

Projet: NICHICUN

## CERTIFICAT D'ANALYSE VO07090550

Description échantillon	Méthode	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	élément unités L.D.	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
121859		<0.01	<10	<10	6	30	16
121860		0.53	<10	<10	206	<10	164
121861		0.44	<10	<10	174	<10	141
121862		0.28	<10	<10	101	<10	121
121863		0.09	<10	<10	52	<10	49
121864		<0.01	<10	<10	3	<10	7
122043		0.15	<10	<10	110	<10	65
122044		0.23	<10	<10	137	<10	51
122045		0.11	<10	<10	22	<10	13
122046		0.12	<10	<10	145	<10	16
122086		0.15	<10	<10	99	<10	81
122087		0.24	<10	<10	215	<10	75
122088		0.25	<10	<10	152	10	218
122089		<0.01	<10	<10	5	<10	21
122090		<0.01	<10	<10	4	<10	18
122091		0.03	<10	<10	18	<10	<2
122092		0.15	<10	<10	46	<10	57
122093		0.09	<10	<10	31	<10	16
122094		0.12	<10	<10	71	<10	14
122095		0.06	<10	<10	54	<10	43
122096		0.17	<10	<10	16	<10	67
122097		0.01	<10	<10	5	<10	50
122098		<0.01	<10	<10	4	440	33
122117		0.08	<10	<10	26	<10	45
122118		<0.01	<10	<10	3	<10	5
122119		<0.01	<10	<10	2	<10	279
122120		0.13	<10	<10	57	<10	67
122121		0.10	<10	<10	26	<10	12
122122		0.10	<10	<10	34	<10	48
122123		<0.01	<10	<10	10	<10	6
122124		<0.01	<10	<10	4	<10	9
122125		<0.01	<10	<10	3	<10	3
122126		0.02	<10	<10	8	<10	24
122127		0.18	<10	<10	79	<10	452
122128		0.04	<10	<10	27	<10	68
122217		0.03	<10	<10	14	<10	16
122218		0.10	<10	<10	70	<10	44
122219		<0.01	<10	<10	1	<10	6
122220		0.10	<10	<10	70	<10	19
122221		0.07	<10	<10	64	<10	32



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Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Poids reçu kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
122222		1.10	0.032	0.5	0.32	16	<10	40	<0.5	3	0.03	<0.5	5	4	82	2.21
122223		1.90	0.059	0.8	0.44	32	<10	30	<0.5	2	0.05	<0.5	3	7	86	2.43
122224		0.95	0.013	0.6	0.72	4	<10	40	<0.5	3	0.15	<0.5	3	6	11	2.33
122225		0.81	0.007	0.4	0.67	6	<10	50	<0.5	3	0.30	<0.5	4	9	92	2.90
122226		1.19	0.013	0.3	0.97	<2	<10	70	<0.5	<2	0.33	0.8	5	6	61	3.44



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## CERTIFICAT D'ANALYSE VO07090550

Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
122222		<10	<1	0.15	<10	0.03	103	5	0.06	<1	20	<2	0.78	2	3	2
122223		<10	<1	0.14	20	0.06	118	1	0.06	1	40	2	0.63	<2	3	3
122224		10	1	0.44	10	0.26	271	3	0.06	2	340	5	0.20	2	5	5
122225		<10	<1	0.36	20	0.22	370	2	0.07	<1	450	5	0.50	<2	4	7
122226		10	<1	0.48	10	0.34	476	3	0.10	1	530	4	0.24	<2	6	6





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Description échantillon	Méthode élément unités L.D.	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
122222		0.06	<10	<10	2	<10	5
122223		0.04	<10	<10	2	<10	13
122224		0.11	<10	<10	15	10	41
122225		0.18	<10	<10	18	<10	57
122226		0.22	<10	<10	17	<10	102

OVERBURDEN DRILLING MANAGEMENT LIMITED  
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1  
TELEPHONE: (613) 226-1771  
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Nichicun  
2007  
OK AB

DATA TRANSMITTAL REPORT

DATE: 09-Oct-07  
ATTENTION: Mr. Jean-Francois Ouellette  
CLIENT: Services Techniques Geonordic Inc.  
1045, ave Larivière  
Rouyn-Noranda, QC  
J9X 6V5  
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remi@inlandsis.ca  
NO. OF PAGES: 5  
PROJECT: Nichicun  
FILE NO: STG - Ouellette - (NC07) - Aug 2007  
SAMPLE NUMBERS: NC07-001 to 040  
BATCH NUMBER: 3837  
TOTAL SAMPLES: 40  
THESE SAMPLES WERE PROCESSED FOR: GOLD GRAIN COUNT  
HMC

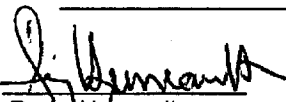
RESU LE  
18 OCT, 2007

SPECIFICATIONS:

1. Submitted by client: ±15 kg till and sand & gravel samples.
2. Larger pebbles removed by hand in the field.
3. Heavy liquid separation specific gravity: 3.30.

REMARKS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

  
Remy Huneault  
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED  
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1  
TELEPHONE: (613) 226-1771  
FAX NO.: (613) 226-8753  
EMAIL: odm@storm.ca

Nichicun  
2007  
OK AB

DATA TRANSMITTAL REPORT

DATE: 09-Oct-07  
ATTENTION: Mr. Jean-Francois Ouellette  
CLIENT: Services Techniques Geonordic Inc.  
1045, ave Larivière  
Rouyn-Noranda, QC  
J9X 6V5  
E-MAIL: geonordic\_ouellette@yahoo.fr / geonordic\_brisebois@yahoo.com  
remi@Inlandsis.ca  
NO. OF PAGES: 5  
PROJECT: Nichicun  
FILE NO: STG - Ouellette - (NC07) - Aug 2007  
SAMPLE NUMBERS: NC07-041 to 080  
BATCH NUMBER: 3863  
TOTAL SAMPLES: 40  
THESE SAMPLES WERE PROCESSED FOR: GOLD GRAIN COUNT  
HMC

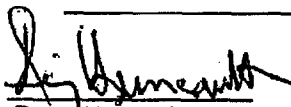
RECEIVED  
18 OCT. 2007

SPECIFICATIONS:

1. Submitted by client: ±15 kg till and sand & gravel samples.
2. Larger pebbles removed by hand in the field.
3. Heavy liquid separation specific gravity: 3.30.

REMARKS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Remy Huneault  
Laboratory Manager

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107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1  
TELEPHONE: (613) 226-1771  
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Nichicun  
2007  
OK AB

DATA TRANSMITTAL REPORT

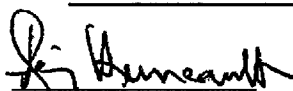
DATE: 09-Oct-07  
ATTENTION: Mr. Jean-Francois Ouellette  
CLIENT: Services Techniques Geonordic Inc.  
1045, ave Larivière  
Rouyn-Noranda, QC  
J9X 6V5  
E-MAIL: geonordic\_ouellette@yahoo.fr / geonordic\_brisebois@yahoo.com  
remi@inlandsis.ca  
NO. OF PAGES: 5  
PROJECT: Nichicun  
FILE NO: STG - Ouellette - (NC07) - Aug 2007  
SAMPLE NUMBERS: NC07-081 to 120  
BATCH NUMBER: 3875  
TOTAL SAMPLES: 40  
THESE SAMPLES WERE PROCESSED FOR: GOLD GRAIN COUNT  
HMC

RECUE  
18 OCT. 2007

SPECIFICATIONS:

1. Submitted by client: ±15 kg till and sand & gravel samples.
2. Larger pebbles removed by hand in the field.
3. Heavy liquid separation specific gravity: 3.30.

REMARKS:



Remy Huneault  
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED  
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1  
TELEPHONE: (613) 226-1771  
FAX NO.: (613) 226-8753  
EMAIL: odm@storm.ca

Nichicun  
2007  
OK AB

DATA TRANSMITTAL REPORT

DATE: 15-Oct-07  
ATTENTION: Mr. Jean-Francois Ouellette  
CLIENT: Services Techniques Geonordic Inc.  
1045, ave Larivière  
Rouyn-Noranda, QC  
J9X 6V5  
E-MAIL: geonordic\_ouellette@yahoo.fr / geonordic\_brisebois@yahoo.com  
remi@inlandsis.ca  
NO. OF PAGES: 5  
PROJECT: Nichicun  
FILE NO: STG - Ouellette - (NC07) - Aug 2007  
SAMPLE NUMBERS: NC07-121 to 160  
BATCH NUMBER: 3898  
TOTAL SAMPLES: 40  
THESE SAMPLES WERE PROCESSED FOR: GOLD GRAIN COUNT  
HMC

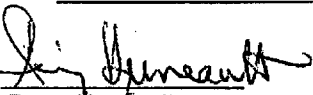
RECU LE

5 2 OCT. 2007

SPECIFICATIONS:

1. Submitted by client: ±15 kg till and sand & gravel samples.
2. Larger pebbles removed by hand in the field.
3. Heavy liquid separation specific gravity: 3.30.

REMARKS:



Remy Huneault  
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED  
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1  
TELEPHONE: (613) 226-1771  
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Nichicun  
2007  
OK AB

DATA TRANSMITTAL REPORT

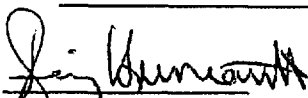
DATE: 15-Oct-07  
ATTENTION: Mr. Jean-Francois Ouellette  
CLIENT: Services Techniques Geonordic Inc.  
1045, ave Larivière  
Rouyn-Noranda, QC  
J9X 6V5  
E-MAIL: geonordic\_ouellette@yahoo.fr / geonordic\_brisebois@yahoo.com  
remi@inlandsis.ca  
NO. OF PAGES: 5  
PROJECT: Nichicun  
FILE NO: STG - Ouellette - (NC07) - Aug 2007  
SAMPLE NUMBERS: NC07-161 to 200  
BATCH NUMBER: 3899  
TOTAL SAMPLES: 40  
THESE SAMPLES WERE PROCESSED FOR: GOLD GRAIN COUNT  
HMC

SPECIFICATIONS:

1. Submitted by client: ±15 kg till and sand & gravel samples.
2. Larger pebbles removed by hand in the field.
3. Heavy liquid separation specific gravity: 3.30.

REMARKS:

End of project.

  
Remy Huneault  
Laboratory Manager

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
GOLD GRAIN SUMMARY SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
NC-07-001	2	0	1	1	25.5	2	0	1	1
NC-07-002	1	1	0	0	6.1	166	166	0	0
NC-07-003	0	0	0	0	5.6	0	0	0	0
NC-07-004	0	0	0	0	14.6	0	0	0	0
NC-07-005	0	0	0	0	25.8	0	0	0	0
NC-07-006	1	0	1	0	30.9	3	0	3	0
NC-07-007	0	0	0	0	26.6	0	0	0	0
NC-07-008	2	2	0	0	8.8	12	12	0	0
NC-07-009	2	0	1	1	19.6	4	0	4	<1
NC-07-010	1	1	0	0	15.0	2	2	0	0
NC-07-011	0	0	0	0	30.1	0	0	0	0
NC-07-012	1	1	0	0	35.7	1	1	0	0
NC-07-013	0	0	0	0	29.6	0	0	0	0
NC-07-014	1	1	0	0	17.5	5	5	0	0
NC-07-015	3	0	2	1	31.2	1	0	1	<1
NC-07-016	0	0	0	0	30.4	0	0	0	0
NC-07-017	0	0	0	0	34.8	0	0	0	0
NC-07-018	0	0	0	0	29.3	0	0	0	0
NC-07-019	0	0	0	0	56.8	0	0	0	0
NC-07-020	0	0	0	0	34.2	0	0	0	0
NC-07-021	0	0	0	0	8.6	0	0	0	0
NC-07-022	0	0	0	0	18.4	0	0	0	0
NC-07-023	2	0	0	2	29.3	9	0	0	9
NC-07-024	1	1	0	0	31.6	1	1	0	0
NC-07-025	0	0	0	0	22.1	0	0	0	0
NC-07-026	3	3	0	0	21.4	22	22	0	0
NC-07-027	1	0	1	0	27.8	1	0	1	0
NC-07-028	0	0	0	0	17.6	0	0	0	0
NC-07-029	0	0	0	0	28.5	0	0	0	0
NC-07-030	2	2	0	0	26.9	86	86	0	0
NC-07-031	0	0	0	0	30.8	0	0	0	0
NC-07-032	0	0	0	0	30.5	0	0	0	0
NC-07-033	2	1	0	1	14.9	3	2	0	2
NC-07-034	2	2	0	0	19.4	5	5	0	0
NC-07-035	0	0	0	0	26.3	0	0	0	0
NC-07-036	0	0	0	0	16.2	0	0	0	0
NC-07-037	0	0	0	0	13.1	0	0	0	0
NC-07-038	1	1	0	0	53.8	4	4	0	0
NC-07-039	3	2	0	1	46.6	9	8	0	1
NC-07-040	1	1	0	0	28.6	3	3	0	0
NC-07-041	2	2	0	0	39.8	7	7	0	0

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
GOLD GRAIN SUMMARY SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
NC-07-042	1	1	0	0	28.2	3	3	0	0
NC-07-043	0	0	0	0	32.7	0	0	0	0
NC-07-044	4	3	1	0	33.9	15	12	2	0
NC-07-045	2	1	0	1	20.5	19	18	0	1
NC-07-046	2	2	0	0	25.7	2	2	0	0
NC-07-047	0	0	0	0	21.3	0	0	0	0
NC-07-048	0	0	0	0	18.5	0	0	0	0
NC-07-049	0	0	0	0	16.4	0	0	0	0
NC-07-050	1	1	0	0	22.4	<1	<1	0	0
NC-07-051	0	0	0	0	26.8	0	0	0	0
NC-07-052	0	0	0	0	10.5	0	0	0	0
NC-07-053	0	0	0	0	11.8	0	0	0	0
NC-07-054	1	1	0	0	28.0	3	3	0	0
NC-07-055	1	1	0	0	26.0	1	1	0	0
NC-07-056	1	1	0	0	13.7	2	2	0	0
NC-07-057	0	0	0	0	42.8	0	0	0	0
NC-07-058	1	1	0	0	4.2	6	6	0	0
NC-07-059	0	0	0	0	16.7	0	0	0	0
NC-07-060	0	0	0	0	31.7	0	0	0	0
NC-07-061	18	18	0	0	56.1	320	320	0	0
NC-07-062	0	0	0	0	27.9	0	0	0	0
NC-07-063	5	4	0	1	20.2	20	20	0	<1
NC-07-064	1	1	0	0	22.9	16	16	0	0
NC-07-065	0	0	0	0	30.5	0	0	0	0
NC-07-066	0	0	0	0	15.3	0	0	0	0
NC-07-067	0	0	0	0	18.8	0	0	0	0
NC-07-068	1	1	0	0	29.8	3	3	0	0
NC-07-069	1	1	0	0	49.5	<1	<1	0	0
NC-07-070	1	1	0	0	32.8	1	1	0	0
NC-07-071	3	0	0	3	35.4	<1	0	0	<1
NC-07-072	0	0	0	0	26.5	0	0	0	0
NC-07-073	2	1	1	0	42.1	2	2	<1	0
NC-07-074	1	0	1	0	51.8	<1	0	<1	0
NC-07-075	0	0	0	0	50.4	0	0	0	0
NC-07-076	1	1	0	0	22.7	8	8	0	0
NC-07-077	2	2	0	0	23.1	31	31	0	0
NC-07-078	1	1	0	0	23.7	1	1	0	0
NC-07-079	3	1	0	2	33.3	7	6	0	1
NC-07-080	4	2	1	1	19.7	14	4	<1	10
NC-07-081	0	0	0	0	38.5	0	0	0	0
NC-07-082	2	1	0	1	29.4	14	13	0	1

\*Larger pebbles removed by hand in the field.



**OVERBURDEN DRILLING MANAGEMENT LIMITED  
GOLD GRAIN SUMMARY SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
NC-07-083	0	0	0	0	32.0	0	0	0	0
NC-07-084	1	0	1	0	20.0	4	0	4	0
NC-07-085	0	0	0	0	26.8	0	0	0	0
NC-07-086	1	1	0	0	36.5	1	1	0	0
NC-07-087	1	1	0	0	27.4	3	3	0	0
NC-07-088	1	1	0	0	23.3	<1	<1	0	0
NC-07-089	1	1	0	0	32.4	12	12	0	0
NC-07-090	1	1	0	0	61.5	<1	<1	0	0
NC-07-091	1	1	0	0	35.3	1	1	0	0
NC-07-092	1	0	0	1	27.8	3	0	0	3
NC-07-093	0	0	0	0	40.2	0	0	0	0
NC-07-094	0	0	0	0	23.1	0	0	0	0
NC-07-095	0	0	0	0	9.5	0	0	0	0
NC-07-096	0	0	0	0	44.4	0	0	0	0
NC-07-097	0	0	0	0	6.2	0	0	0	0
NC-07-098	0	0	0	0	20.9	0	0	0	0
NC-07-099	0	0	0	0	53.3	0	0	0	0
NC-07-100	0	0	0	0	31.6	0	0	0	0
NC-07-101	1	1	0	0	14.3	2	2	0	0
NC-07-102	0	0	0	0	32.6	0	0	0	0
NC-07-103	0	0	0	0	23.0	0	0	0	0
NC-07-104	1	1	0	0	37.3	2	2	0	0
NC-07-105	0	0	0	0	25.0	0	0	0	0
NC-07-106	0	0	0	0	18.7	0	0	0	0
NC-07-107	0	0	0	0	22.1	0	0	0	0
NC-07-108	3	3	0	0	21.2	6	6	0	0
NC-07-109	0	0	0	0	41.9	0	0	0	0
NC-07-110	0	0	0	0	13.6	0	0	0	0
NC-07-111	1	1	0	0	44.1	1	1	0	0
NC-07-112	0	0	0	0	23.9	0	0	0	0
NC-07-113	0	0	0	0	16.2	0	0	0	0
NC-07-114	0	0	0	0	11.9	0	0	0	0
NC-07-115	0	0	0	0	5.4	0	0	0	0
NC-07-116	4	4	0	0	17.6	9	9	0	0
NC-07-117	3	3	0	0	10.6	21	21	0	0
NC-07-118	0	0	0	0	3.7	0	0	0	0
NC-07-119	0	0	0	0	27.9	0	0	0	0
NC-07-120	0	0	0	0	27.9	0	0	0	0
NC-07-121	0	0	0	0	27.4	0	0	0	0
NC-07-122	0	0	0	0	25.5	0	0	0	0
NC-07-123	0	0	0	0	35.6	0	0	0	0

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
GOLD GRAIN SUMMARY SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
NC-07-124	3	2	0	1	39.1	23	7	0	16
NC-07-125	0	0	0	0	17.3	0	0	0	0
NC-07-126	0	0	0	0	33.6	0	0	0	0
NC-07-127	0	0	0	0	26.9	0	0	0	0
NC-07-128	0	0	0	0	26.2	0	0	0	0
NC-07-129	0	0	0	0	32.2	0	0	0	0
NC-07-130	3	3	0	0	17.7	23	23	0	0
NC-07-131	0	0	0	0	20.1	0	0	0	0
NC-07-132	0	0	0	0	19.1	0	0	0	0
NC-07-133	0	0	0	0	42.5	0	0	0	0
NC-07-134	1	0	1	0	8.0	3	0	3	0
NC-07-135	1	1	0	0	8.2	23	23	0	0
NC-07-136	0	0	0	0	12.9	0	0	0	0
NC-07-137	1	1	0	0	18.9	4	4	0	0
NC-07-138	0	0	0	0	31.1	0	0	0	0
NC-07-139	1	1	0	0	29.1	7	7	0	0
NC-07-140	0	0	0	0	26.1	0	0	0	0
NC-07-141	1	0	1	0	31.6	3	0	3	0
NC-07-142	0	0	0	0	24.5	0	0	0	0
NC-07-143	1	0	1	0	19.5	4	0	4	0
NC-07-144	2	0	2	0	9.1	337	0	337	0
NC-07-145	0	0	0	0	39.5	0	0	0	0
NC-07-146	0	0	0	0	57.4	0	0	0	0
NC-07-147	0	0	0	0	22.7	0	0	0	0
NC-07-148	0	0	0	0	63.5	0	0	0	0
NC-07-149	1	0	1	0	41.5	1	0	1	0
NC-07-150	0	0	0	0	61.7	0	0	0	0
NC-07-151	0	0	0	0	53.8	0	0	0	0
NC-07-152	0	0	0	0	27.2	0	0	0	0
NC-07-153	0	0	0	0	14.8	0	0	0	0
NC-07-154	1	0	1	0	28.5	3	0	3	0
NC-07-155	0	0	0	0	16.0	0	0	0	0
NC-07-156	0	0	0	0	55.4	0	0	0	0
NC-07-157	0	0	0	0	39.6	0	0	0	0
NC-07-158	1	1	0	0	30.4	3	3	0	0
NC-07-159	0	0	0	0	43.9	0	0	0	0
NC-07-160	0	0	0	0	50.7	0	0	0	0
NC-07-161	0	0	0	0	26.3	0	0	0	0
NC-07-162	2	2	0	0	41.2	11	11	0	0
NC-07-163	0	0	0	0	35.3	0	0	0	0
NC-07-164	0	0	0	0	16.1	0	0	0	0

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
GOLD GRAIN SUMMARY SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
NC-07-165	0	0	0	0	116.3	0	0	0	0
NC-07-166	1	1	0	0	18.4	10	10	0	0
NC-07-167	1	1	0	0	55.3	<1	<1	0	0
NC-07-168	1	1	0	0	22.7	4	4	0	0
NC-07-169	1	1	0	0	30.0	12	12	0	0
NC-07-170	0	0	0	0	48.9	0	0	0	0
NC-07-171	0	0	0	0	67.1	0	0	0	0
NC-07-172	0	0	0	0	35.9	0	0	0	0
NC-07-173	1	1	0	0	49.2	4	4	0	0
NC-07-174	3	2	0	1	39.6	19	10	0	9
NC-07-175	0	0	0	0	42.3	0	0	0	0
NC-07-176	2	2	0	0	26.8	8	8	0	0
NC-07-177	0	0	0	0	53.8	0	0	0	0
NC-07-178	1	1	0	0	29.5	1	1	0	0
NC-07-179	1	0	0	1	42.4	1	0	0	1
NC-07-180	2	2	0	0	12.3	13	13	0	0
NC-07-181	2	2	0	0	37.9	6	6	0	0
NC-07-182	1	1	0	0	23.0	1	1	0	0
NC-07-183	0	0	0	0	36.0	0	0	0	0
NC-07-184	0	0	0	0	32.6	0	0	0	0
NC-07-185	1	1	0	0	22.2	1	1	0	0
NC-07-186	0	0	0	0	49.0	0	0	0	0
NC-07-187	0	0	0	0	38.3	0	0	0	0
NC-07-188	0	0	0	0	91.0	0	0	0	0
NC-07-189	1	1	0	0	29.8	1	1	0	0
NC-07-190	0	0	0	0	17.2	0	0	0	0
NC-07-191	1	1	0	0	33.0	1	1	0	0
NC-07-192	1	1	0	0	13.3	113	113	0	0
NC-07-193	1	1	0	0	59.7	<1	<1	0	0
NC-07-194	0	0	0	0	55.5	0	0	0	0
NC-07-195	0	0	0	0	31.1	0	0	0	0
NC-07-196	0	0	0	0	7.6	0	0	0	0
NC-07-197	0	0	0	0	37.1	0	0	0	0
NC-07-198	2	1	0	1	47.5	2	2	0	<1
NC-07-199	0	0	0	0	30.7	0	0	0	0
NC-07-200	0	0	0	0	19.5	0	0	0	0

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks	
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total				
NC-07-001	No	5 C	25	25			1	1	2	25.5	2	
NC-07-002	No	18 C	75	100	1				1	6.1	166	
NC-07-003	No	NO VISIBLE GOLD										
NC-07-004	No	NO VISIBLE GOLD										
NC-07-005	No	NO VISIBLE GOLD										
NC-07-006	No	8 C	25	50			1		1	30.9	3	
NC-07-007	No	NO VISIBLE GOLD										
NC-07-008	No	5 C	25	25	1				1			
		8 C	25	50	1				1	8.8	12	
NC-07-009	No	3 C	15	15				1	1			
		8 C	25	50			1		1	19.6	4	
NC-07-010	No	5 C	25	25	1				1			

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
								1	15.0	2	
NC-07-011	No	NO VISIBLE GOLD									
NC-07-012	No	5 C	25	25	1			1			
								1	35.7	1	
NC-07-013	No	NO VISIBLE GOLD									
NC-07-014	No	8 C	25	50	1			1			
								1	17.5	5	
NC-07-015	No	3 C	15	15		1	1	2			
		5 C	25	25		1		1			
								3	31.2	1	
NC-07-016	No	NO VISIBLE GOLD									
NC-07-017	No	NO VISIBLE GOLD									
NC-07-018	No	NO VISIBLE GOLD									
NC-07-019	No	NO VISIBLE GOLD									
NC-07-020	No	NO VISIBLE GOLD									

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-021	No	NO VISIBLE GOLD									
NC-07-022	No	NO VISIBLE GOLD									
NC-07-023	No	8 C	25	50				1	1		
		10 C	25	75				1	1		
								<u>2</u>	<u>29.3</u>	<u>9</u>	
NC-07-024	No	5 C	25	25	1				1		
								<u>1</u>	<u>31.6</u>	<u>1</u>	
NC-07-025	No	NO VISIBLE GOLD									
NC-07-026	No	8 C	25	50	1				1		
		10 C	25	75	1				1		
		10 C	50	50	1				1		
								<u>3</u>	<u>21.4</u>	<u>22</u>	
NC-07-027	No	5 C	25	25			1		1		
								<u>1</u>	<u>27.8</u>	<u>1</u>	
NC-07-028	No	NO VISIBLE GOLD									
NC-07-029	No	NO VISIBLE GOLD									
NC-07-030	No	10 C	25	75	1				1		

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
		22 C	100	125	1				1		
									2	26.9	86
NC-07-031	No	NO VISIBLE GOLD									
NC-07-032	No	NO VISIBLE GOLD									
NC-07-033	No	5 C	25	25	1			1	2		
									2	14.9	3
NC-07-034	No	5 C	25	25	1				1		
		8 C	25	50	1				1		
									2	19.4	5
NC-07-035	No	NO VISIBLE GOLD									
NC-07-036	No	NO VISIBLE GOLD									
NC-07-037	No	NO VISIBLE GOLD									
NC-07-038	No	10 C	25	75	1				1		
									1	53.8	4
NC-07-039	No	5 C	25	25				1	1		
		10 C	50	50	2				2		
									3	46.6	9

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-040	No	8 C	25	50	1				1		
									1	28.6	3
NC-07-041	No	8 C	25	50	1				1		
		10 C	25	75	1				1		
									2	39.8	7
NC-07-042	No	8 C	25	50	1				1		
									1	28.2	3
NC-07-043	No	NO VISIBLE GOLD									
NC-07-044	No	5 C	25	25	2				2		
		8 C	25	50		1			1		
		13 C	50	75	1				1		
									4	33.9	15
NC-07-045	No	5 C	25	25				1	1		
		13 C	25	100	1				1		
									2	20.5	19
NC-07-046	No	5 C	25	25	2				2		
									2	25.7	2
NC-07-047	No	NO VISIBLE GOLD									

\*Larger pebbles removed by hand in the field.



**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-048	No	NO VISIBLE GOLD									
NC-07-049	No	NO VISIBLE GOLD									
NC-07-050	No	3 C	15	15	1			1	22.4	<1	
NC-07-051	No	NO VISIBLE GOLD									
NC-07-052	No	NO VISIBLE GOLD									
NC-07-053	No	NO VISIBLE GOLD									
NC-07-054	No	8 C	25	50	1			1	28.0	3	
NC-07-055	No	5 C	25	25	1			1	26.0	1	
NC-07-056	No	5 C	25	25	1			1	13.7	2	
NC-07-057	No	NO VISIBLE GOLD									
NC-07-058	No	5 C	25	25	1			1			

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
									1	4.2	6
NC-07-059	No	NO VISIBLE GOLD									
NC-07-060	No	NO VISIBLE GOLD									
NC-07-061	Yes	3 C	15	15	2			2			No sulphides.
		5 C	25	25	2			2			
		8 C	25	50	5			5			
		10 C	25	75	1			1			
		10 C	50	50	4			4			
		13 C	50	75	1			1			
		15 C	75	75	1			1			
		50 M	75	100	1			1			
		75 M	150	150	1			1			
								18	56.1	320	
NC-07-062	No	NO VISIBLE GOLD									
NC-07-063	No	3 C	15	15	2		1	3			
		5 C	25	25	1			1			
		13 C	50	75	1			1			
								5	20.2	20	
NC-07-064	No	13 C	50	75	1			1			
								1	22.9	16	

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-065	No	NO VISIBLE GOLD									
NC-07-066	No	NO VISIBLE GOLD									
NC-07-067	No	NO VISIBLE GOLD									
NC-07-068	No	8 C	25	50				1			
								<u>1</u>			
								1	29.8	3	
NC-07-069	No	5 C	25	25				1			
								<u>1</u>			
								1	49.5	<1	
NC-07-070	No	5 C	25	25				1			1 grain Copper
								<u>1</u>			(25µ; contamination).
								1	32.8	1	
NC-07-071	No	3 C	15	15				3			
								<u>3</u>			
								3	35.4	<1	
NC-07-072	No	NO VISIBLE GOLD									
NC-07-073	No	3 C	15	15				1			
		8 C	25	50			1	1			
								<u>1</u>			
								2	42.1	2	
NC-07-074	No	3 C	15	15				1			1 grain copper

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
								1	51.8	<1 (25µ; contamination).	
NC-07-075	No	NO VISIBLE GOLD									
NC-07-076	No	10 C	25	75	1			1			
								1	22.7	8	
NC-07-077	No	8 C	25	50	1			1			
		15 C	75	75	1			1			
								2	23.1	31	
NC-07-078	No	5 C	25	25	1			1			
								1	23.7	1	
NC-07-079	No	5 C	25	25			2	2			
		10 C	25	75	1			1			
								3	33.3	7	
NC-07-080	No	3 C	15	15	1	1		2			
		8 C	25	50	1			1			
		10 C	50	50			1	1			
								4	19.7	14	
NC-07-081	No	NO VISIBLE GOLD									
NC-07-082	No	5 C	25	25			1	1			

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
		13 C	50	75	1				1		
									2	29.4	14
NC-07-083	No	NO VISIBLE GOLD									
NC-07-084	No	8 C	25	50		1			1		
									1	20.0	4
NC-07-085	No	NO VISIBLE GOLD									
NC-07-086	No	5 C	25	25	1				1		
									1	36.5	1
NC-07-087	No	8 C	25	50	1				1		1 grain copper
									1	27.4	3 (25 $\mu$ ; contamination).
NC-07-088	No	3 C	15	15	1				1		
									1	23.3	<1
NC-07-089	No	13 C	50	75	1				1		
									1	32.4	12
NC-07-090	No	5 C	25	25	1				1		
									1	61.5	<1
NC-07-091	No	5 C	25	25	1				1		

\*Larger pebbles removed by hand in the field.

OVERBURDEN DRILLING MANAGEMENT LIMITED  
 DETAILED GOLD GRAIN SHEET

Project: Nichicun  
 Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
									1	35.3	1
NC-07-092	No	8	C	25	50				1	1	
									1	27.8	3
NC-07-093	No	NO VISIBLE GOLD									
NC-07-094	No	NO VISIBLE GOLD									
NC-07-095	No	NO VISIBLE GOLD									
NC-07-096	No	NO VISIBLE GOLD									
NC-07-097	No	NO VISIBLE GOLD									
NC-07-098	No	NO VISIBLE GOLD									
NC-07-099	No	NO VISIBLE GOLD									
NC-07-100	No	NO VISIBLE GOLD									
NC-07-101	No	5	C	25	25			1	1	14.3	2
NC-07-102	No	NO VISIBLE GOLD									

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-103	No	NO VISIBLE GOLD									
NC-07-104	No	8 C	25	50	1				1		
									1	37.3	2
NC-07-105	No	NO VISIBLE GOLD									
NC-07-106	No	NO VISIBLE GOLD									
NC-07-107	No	NO VISIBLE GOLD									
NC-07-108	No	5 C	25	25	2				2		
		8 C	25	50	1				1		
									3	21.2	6
NC-07-109	No	NO VISIBLE GOLD									
NC-07-110	No	NO VISIBLE GOLD									
NC-07-111	No	5 C	25	25	1				1		
									1	44.1	1
NC-07-112	No	NO VISIBLE GOLD									
NC-07-113	No	NO VISIBLE GOLD									

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-114	No	NO VISIBLE GOLD									
NC-07-115	No	NO VISIBLE GOLD									
NC-07-116	No	5 C	25	25	3			3			
		8 C	25	50	1			1			
								<u>4</u>	17.6	9	
NC-07-117	No	3 C	15	15	1			1			
		5 C	25	25	1			1			
		10 C	50	50	1			1			
								<u>3</u>	10.6	21	
NC-07-118	No	NO VISIBLE GOLD									
NC-07-119	No	NO VISIBLE GOLD									
NC-07-120	No	NO VISIBLE GOLD									
NC-07-121	No	NO VISIBLE GOLD									
NC-07-122	No	NO VISIBLE GOLD									
NC-07-123	No	NO VISIBLE GOLD									
NC-07-124	No	8 C	25	50	1			1			

\*Larger pebbles removed by hand in the field.



**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			

15 C	25	125			1	1			
10 C	50	50	1			1			
							3	39.1	23

NC-07-125 No NO VISIBLE GOLD

NC-07-126 No NO VISIBLE GOLD

NC-07-127 No NO VISIBLE GOLD

NC-07-128 No NO VISIBLE GOLD

NC-07-129 No NO VISIBLE GOLD

NC-07-130	No	5 C	25	25	1			1		
		10 C	25	75	1			1		
		10 C	50	50	1			1		
							3	17.7	23	

NC-07-131 No NO VISIBLE GOLD

NC-07-132 No NO VISIBLE GOLD

NC-07-133 No NO VISIBLE GOLD

NC-07-134 No 5 C 25 25 1 1

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**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
								1	8.0	3	
NC-07-135	No	10 C	50	50	1			1			
								1	8.2	23	
NC-07-136	No	NO VISIBLE GOLD									
NC-07-137	No	8 C	25	50	1			1			
								1	18.9	4	
NC-07-138	No	NO VISIBLE GOLD									
NC-07-139	No	10 C	50	50	1			1			
								1	29.1	7	
NC-07-140	No	NO VISIBLE GOLD									
NC-07-141	No	8 C	25	50		1		1			
								1	31.6	3	
NC-07-142	No	NO VISIBLE GOLD									
NC-07-143	No	8 C	25	50		1		1			
								1	19.5	4	
NC-07-144	No	10 C	50	50		1		1			

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
		50 M	50	125		1		1			
								<u>2</u>	9.1	337	
NC-07-145	No	NO VISIBLE GOLD									
NC-07-146	No	NO VISIBLE GOLD									
NC-07-147	No	NO VISIBLE GOLD									
NC-07-148	No	NO VISIBLE GOLD									
NC-07-149	No	5 C	25	25		1		1			
								<u>1</u>	41.5	1	
NC-07-150	No	NO VISIBLE GOLD									
NC-07-151	No	NO VISIBLE GOLD									
NC-07-152	No	NO VISIBLE GOLD									
NC-07-153	No	NO VISIBLE GOLD									
NC-07-154	No	8 C	25	50		1		1			
								<u>1</u>	28.5	3	
NC-07-155	No	NO VISIBLE GOLD									

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun

Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-156	No	NO VISIBLE GOLD									
NC-07-157	No	NO VISIBLE GOLD									
NC-07-158	No	8 C	25	50	1			1			
								1	30.4	3	
NC-07-159	No	NO VISIBLE GOLD									
NC-07-160	No	NO VISIBLE GOLD									
NC-07-161	No	NO VISIBLE GOLD									
NC-07-162	No	8 C	25	50	1			1			
		13 C	50	75	1			1			
								2	41.2	11	
NC-07-163	No	NO VISIBLE GOLD									
NC-07-164	No	NO VISIBLE GOLD									
NC-07-165	No	NO VISIBLE GOLD									
NC-07-166	No	10 C	50	50	1			1			
								1	18.4	10	

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-167	No	5 C	25	25	1				1		
									1	55.3	<1
NC-07-168	No	8 C	25	50	1				1		
									1	22.7	4
NC-07-169	No	13 C	50	75	1				1		
									1	30.0	12
NC-07-170	No	NO VISIBLE GOLD									
NC-07-171	No	NO VISIBLE GOLD									
NC-07-172	No	NO VISIBLE GOLD									
NC-07-173	No	10 C	50	50	1				1		
									1	49.2	4
NC-07-174	No	5 C	25	25	1				1		
		13 C	50	75	1				2		
								1	3	39.6	19
NC-07-175	No	NO VISIBLE GOLD									
NC-07-176	No	5 C	25	25	1				1		

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
		10 C	50	50	1				1		
									2	26.8	8
NC-07-177	No	NO VISIBLE GOLD									
NC-07-178	No	5 C	25	25	1				1		
									1	29.5	1
NC-07-179	No	5 C	25	25			1		1		
									1	42.4	1
NC-07-180	No	8 C	25	50	2				2		
									2	12.3	13
NC-07-181	No	5 C	25	25	1				1		
		10 C	50	50	1				1		
									2	37.9	6
NC-07-182	No	5 C	25	25	1				1		
									1	23.0	1
NC-07-183	No	NO VISIBLE GOLD									
NC-07-184	No	NO VISIBLE GOLD									
NC-07-185	No	5 C	25	25	1				1		

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
								1	22.2	1	
NC-07-186	No	NO VISIBLE GOLD									
NC-07-187	No	NO VISIBLE GOLD									
NC-07-188	No	NO VISIBLE GOLD									
NC-07-189	No	5 C	25	25				1			
								1	29.8	1	
NC-07-190	No	NO VISIBLE GOLD									
NC-07-191	No	5 C	25	25				1			
								1	33.0	1	
NC-07-192	No	20 C	50	150				1			
								1	13.3	113	
NC-07-193	No	5 C	25	25				1			
								1	59.7	<1	
NC-07-194	No	NO VISIBLE GOLD									
NC-07-195	No	NO VISIBLE GOLD									

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
DETAILED GOLD GRAIN SHEET**

Project: Nichicun  
Filename: NC07-161 to 200

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
NC-07-196	No	NO VISIBLE GOLD									
NC-07-197	No	NO VISIBLE GOLD									
NC-07-198	No	3 C	15	15				1	1		
		8 C	25	50	1				1		
									<u>2</u>	47.5	<u>2</u>
NC-07-199	No	NO VISIBLE GOLD									
NC-07-200	No	NO VISIBLE GOLD									

\*Larger pebbles removed by hand in the field.



**OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG**

Project: Nichicun

Filename: STG - Ouellette - (NC07) - Aug 2007

Sample Number	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)						Sample Description										CLASS	
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Total	Heavy Liquid Separation (S.G. 3.3)			Clasts (> 2.0 mm)				Matrix (<2.0 mm)									
						Lights	HMC		Size	Percentage				Distribution				Colour				
							Total	Non Mag		Mag	V/S	GR	LS	OT*	S/U	SD	ST	CY	ORG	SD		CY
NC-07-001	13.5	13.0	3.0	10.0	296.5	238.0	58.5	25.5	33.0	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-002	14.2	13.7	4.6	9.1	195.2	178.6	16.6	6.1	10.5	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-003	13.8	13.3	3.6	9.7	428.1	414.1	14.0	5.6	8.4	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-004	13.6	13.1	4.0	9.1	412.6	360.3	52.3	14.6	37.7	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-005	13.9	13.4	2.8	10.6	244.4	165.8	78.6	25.8	52.8	P	Tr	100	0	0	U	+	Y	-	N	MOC	MOC	TILL
NC-07-006	15.6	15.1	3.4	11.7	292.3	203.5	88.8	30.9	57.9	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-007	13.5	13.0	2.5	10.5	145.7	84.7	61.0	26.6	34.4	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-008	14.1	13.6	2.1	11.5	185.4	160.0	25.4	8.8	16.6	C	30	70	0	0	S	MC	N	N	N	DOC	NA	SAND & GRAVEL
NC-07-009	14.4	13.9	3.0	10.9	199.6	144.1	55.5	19.6	35.9	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-010	12.9	12.4	3.1	9.3	216.2	172.1	44.1	15.0	29.1	P	0	90	0	10	U	+	Y	-	N	LOC	LOC	TILL
NC-07-011	14.8	14.3	2.8	11.5	371.0	292.2	78.8	30.1	48.7	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-012	16.7	16.2	2.0	14.2	350.6	246.9	103.7	35.7	68.0	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-013	15.2	14.7	2.4	12.3	316.1	233.7	82.4	29.6	52.8	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-014	13.2	12.7	3.1	9.6	273.6	223.6	50.0	17.5	32.5	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-015	13.6	13.1	2.1	11.0	365.0	271.6	93.4	31.2	62.2	P	0	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-016	13.7	13.2	2.0	11.2	112.5	30.2	82.3	30.4	51.9	P	Tr	100	0	0	U	+	Y	-	N	MOC	MOC	TILL
NC-07-017	12.5	12.0	1.3	10.7	353.6	261.6	92.0	34.8	57.2	P	Tr	100	0	0	U	+	Y	-	N	MOC	MOC	TILL
NC-07-018	12.3	11.8	1.4	10.4	297.7	231.2	66.5	29.3	37.2	P	0	75	0	5	U	+	Y	-	N	MOC	MOC	TILL
NC-07-019	14.7	14.2	3.0	11.2	350.7	206.7	144.0	56.8	87.2	P	0	Tr	0	100	U	+	Y	-	N	DOC	DOC	TILL
NC-07-020	14.8	14.3	3.6	10.7	429.5	355.5	74.0	34.2	39.8	C	Tr	100	0	0	U	+	Y	-	N	MOC	MOC	TILL
NC-07-021	10.6	10.1	5.6	4.5	242.8	218.9	23.9	8.6	15.3	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-022	13.5	13.0	1.8	11.2	304.1	253.0	51.1	18.4	32.7	P	Tr	80	0	20	U	+	Y	-	N	OC	OC	TILL
NC-07-023	14.8	14.3	3.0	11.3	369.3	236.7	132.6	29.3	103.3	P	Tr	80	0	20	U	+	Y	-	N	OC	OC	TILL
NC-07-024	17.1	16.6	1.0	15.6	303.2	206.9	96.3	31.6	64.7	P	Tr	20	0	80	U	+	Y	-	N	OC	OC	TILL
NC-07-025	15.0	14.5	5.7	8.8	243.2	171.2	72.0	22.1	49.9	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-026	12.8	12.3	0.4	11.9	238.5	179.8	58.7	21.4	37.3	P	0	50	0	50	S	F	+	-	N	OC	OC	SAND + SILT
NC-07-027	13.9	13.4	2.8	10.6	257.2	182.0	75.2	27.8	47.4	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-028	15.2	14.7	3.7	11.0	278.2	229.5	48.7	17.6	31.1	P	Tr	95	0	5	U	+	Y	-	N	OC	OC	TILL

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG**

Project: Nichicun

Filename: STG - Ouellette - (NC07) - Aug 2007

	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description													
					Heavy Liquid Separation (S.G. 3.3)					Clasts (> 2.0 mm)			Matrix (<2.0 mm)										
						HMC					Percentage			Distribution					Colour				
NC-07-029	20.3	19.8	4.1	15.7	282.5	207.5	75.0	28.5	46.5	P	Tr	95	0	5	U	+	Y	-	N	OC	OC	TILL	
NC-07-030	14.4	13.9	2.9	11.0	282.7	208.6	74.1	26.9	47.2	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL	
NC-07-031	16.3	15.8	2.9	12.9	307.2	273.3	33.9	30.8	3.1	P	5	95	0	0	U	+	Y	-	N	OC	OC	TILL	
NC-07-032	16.0	15.5	4.1	11.4	388.7	284.1	104.6	30.5	74.1	P	Tr	85	0	15	U	+	Y	-	N	OC	OC	TILL	
NC-07-033	15.9	15.4	3.0	12.4	220.2	171.1	49.1	14.9	34.2	P	Tr	95	0	5	U	+	Y	-	N	OC	OC	TILL	
NC-07-034	15.6	15.1	3.1	12.0	270.8	212.5	58.3	19.4	38.9	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL	
NC-07-035	15.1	14.6	2.0	12.6	238.2	167.0	71.2	26.3	44.9	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL	
NC-07-036	14.4	13.9	2.8	11.1	263.4	224.7	38.7	16.2	22.5	P	5	95	0	0	U	+	Y	-	N	OC	OC	TILL	
NC-07-037	16.0	15.5	7.7	7.8	274.3	230.0	44.3	13.1	31.2	P	Tr	90	0	10	U	+	Y	-	N	DOC	DOC	TILL	
NC-07-038	18.5	18.0	0.0	18.0	328.0	179.5	148.5	53.8	94.7			No Clasts			S	F	-	N	N	LOC	NA	SAND	
NC-07-039	15.5	15.0	0.0	15.0	352.1	180.3	171.8	46.6	125.2			No Clasts			S	FM	-	N	N	OC	NA	SAND	
NC-07-040	15.1	14.6	1.5	13.1	304.9	207.7	97.2	28.6	68.6	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL	
*Clasts listed as "other" are cemented sand.																							
NC-07-041	16.7	16.2	1.0	15.2	345.4	178.8	166.6	39.8	126.8	P	0	100	0	Tr	U	+	Y	-	N	LOC	LOC	TILL	
NC-07-042	15.2	14.7	2.0	12.7	300.4	220.4	80.0	28.2	51.8	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL	
NC-07-043	16.3	15.8	0.0	15.8	269.5	167.0	102.5	32.7	69.8			No Clasts			S	F	-	N	N	LOC	NA	SAND	
NC-07-044	15.5	15.0	0.2	14.8	360.6	268.0	92.6	33.9	58.7	G	0	100	0	Tr	U	+	Y	-	N	LOC	LOC	TILL	
NC-07-045	15.1	14.6	2.0	12.6	243.1	183.0	60.1	20.5	39.6	P	0	100	0	Tr	U	+	Y	-	N	OC	OC	TILL	
NC-07-046	15.4	14.9	2.1	12.8	287.2	216.1	71.1	25.7	45.4	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL	
NC-07-047	15.2	14.7	3.0	11.7	297.5	240.1	57.4	21.3	36.1	P	Tr	100	0	Tr	U	+	Y	-	N	OC	OC	TILL	
NC-07-048	14.6	14.1	2.2	11.9	255.7	200.9	54.8	18.5	36.3	P	Tr	100	0	Tr	U	+	Y	-	N	OC	OC	TILL	
NC-07-049	14.7	14.2	2.6	11.6	293.0	236.1	56.9	16.4	40.5	P	Tr	100	0	Tr	U	+	Y	-	N	OC	OC	TILL	
NC-07-050	14.3	13.8	4.4	9.4	335.7	261.8	73.9	22.4	51.5	P	Tr	100	0	Tr	U	+	Y	-	N	OC	OC	TILL	
NC-07-051	16.4	15.9	0.2	15.7	229.0	165.0	64.0	26.8	37.2	G	0	100	0	0	S	MC	N	N	N	OC	NA	SAND	
NC-07-052	15.7	15.2	2.1	13.1	246.1	216.8	29.3	10.5	18.8	P	Tr	100	0	Tr	S	MC	N	N	N	OC	NA	SAND & GRAVEL	
NC-07-053	14.5	14.0	0.9	13.1	244.5	222.0	22.5	11.8	10.7	P	Tr	95	0	5	S	MC	N	N	N	OC	NA	SAND	
NC-07-054	15.5	15.0	3.0	12.0	215.8	124.6	91.2	28.0	63.2	P	0	90	0	10	U	+	-	-	N	OC	OC	SANDY TILL	
NC-07-055	16.4	15.9	2.1	13.8	146.8	88.0	58.8	26.0	32.8	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL	
NC-07-056	16.8	16.3	10.3	6.0	311.3	264.6	46.7	13.7	33.0	P	0	90	0	10	U	+	Y	-	N	LOC	LOC	TILL	
NC-07-057	15.6	15.1	3.8	11.3	304.1	215.0	89.1	42.8	46.3	P	5	95	0	Tr	U	+	Y	-	N	LOC	LOC	TILL	
NC-07-058	12.9	12.4	5.1	7.3	169.1	158.3	10.8	4.2	6.6	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL	
NC-07-059	16.6	16.1	8.8	7.3	239.8	210.5	29.3	16.7	12.6	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL	

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG**

Project: Nichicun

Filename: STG - Ouellette - (NC07) - Aug 2007

	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description															
					Heavy Liquid Separation (S.G. 3.3)					Clasts (> 2.0 mm)				Matrix (<2.0 mm)											
						HMC					Percentage				Distribution			Colour							
NC-07-060	14.6	14.1	3.4	10.7	282.7	204.4	78.3	31.7	46.6	P	0	100	0	Tr	U	+	-	N	N	LOC	LOC	SANDY TILL			
NC-07-061	15.4	14.9	0.3	14.6	296.4	174.1	122.3	56.1	66.2	P	Tr	100	0	0	S	M	-	N	N	MOC	NA	SAND			
NC-07-062	13.7	13.2	3.7	9.5	136.7	68.7	68.0	27.9	40.1	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-063	14.1	13.6	3.0	10.6	235.9	183.2	52.7	20.2	32.5	P	Tr	100	0	0	U	+	Y	-	N	MOC	NA	TILL			
NC-07-064	14.0	13.5	3.1	10.4	336.8	313.4	23.4	22.9	0.5	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-065	14.0	13.5	0.6	12.9	369.0	305.9	63.1	30.5	32.6	P	0	100	0	0	S	MC	N	N	N	MOC	NA	SAND & GRAVEL			
NC-07-066	14.9	14.4	1.6	12.8	282.7	249.2	33.5	15.3	18.2	P	Tr	100	0	0	U	+	-	N	N	LOC	LOC	SANDY TILL			
NC-07-067	13.4	12.9	3.3	9.6	209.9	167.4	42.5	18.8	23.7	P	10	90	0	0	U	+	Y	-	N	MOC	MOC	TILL			
NC-07-068	17.0	16.5	4.7	11.8	369.1	299.1	70.0	29.8	40.2	P	10	90	0	0	U	+	Y	-	N	MOC	MOC	TILL			
NC-07-069	16.1	15.6	3.0	12.6	487.6	353.2	134.4	49.5	84.9	P	0	100	0	0	U	+	Y	N	N	LOC	NA	TILL			
NC-07-070	15.5	15.0	3.3	11.7	327.3	255.5	71.8	32.8	39.0	P	10	90	0	0	U	+	-	N	N	LOC	NA	SANDY TILL			
NC-07-071	15.5	15.0	4.0	11.0	379.8	298.8	81.0	35.4	45.6	P	Tr	100	0	0	U	+	Y	N	N	LOC	NA	TILL			
NC-07-072	14.9	14.4	2.7	11.7	410.9	340.8	70.1	26.5	43.6	P	90	10	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-073	14.8	14.3	2.6	11.7	302.0	207.3	94.7	42.1	52.6	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-074	14.2	13.7	2.8	10.9	396.7	280.4	116.3	51.8	64.5	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-075	17.9	17.4	3.9	13.5	429.8	295.0	134.8	50.4	84.4	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-076	15.3	14.8	2.9	11.9	289.5	225.7	63.8	22.7	41.1	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-077	13.4	12.9	4.1	8.8	250.9	178.9	72.0	23.1	48.9	P	0	100	0	0	U	+	Y	-	N	GB	LOC	TILL			
NC-07-078	14.4	13.9	1.6	12.3	420.4	352.6	67.8	23.7	44.1	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-079	15.6	15.1	2.3	12.8	364.1	282.1	82.0	33.3	48.7	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-080	14.6	14.1	6.3	7.8	308.7	198.6	110.1	19.7	90.4	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL			
*Clasts listed as "other" are cemented sand.																									
NC-07-081	15.8	15.3	2.7	12.6	392.8	293.4	99.4	38.5	60.9	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-082	14.2	13.7	2.3	11.4	302.4	227.8	74.6	29.4	45.2	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-083	15.1	14.6	2.4	12.2	312.2	235.0	77.2	32.0	45.2	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-084	14.8	14.3	4.1	10.2	309.6	266.6	43.0	20.0	23.0	P	10	90	0	0	U	+	Y	-	N	OC	OC	TILL			
NC-07-085	14.4	13.9	3.2	10.7	309.3	230.9	78.4	26.8	51.6	P	10	90	0	0	U	+	Y	-	N	OC	OC	TILL			
NC-07-086	13.5	13.0	0.3	12.7	339.7	269.3	70.4	36.5	33.9	P	40	60	0	0	S	FM	+	N	N	OC	OC	SAND + SILT			
NC-07-087	14.3	13.8	3.8	10.0	341.6	251.5	90.1	27.4	62.7	P	5	95	0	0	U	+	-	N	N	LOC	LOC	TILL			
NC-07-088	14.6	14.1	1.4	12.7	376.6	321.7	54.9	23.3	31.6	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-089	15.6	15.1	2.2	12.9	211.5	117.8	93.7	32.4	61.3	P	5	95	0	0	U	+	Y	-	N	LOC	LOC	TILL			
NC-07-090	14.0	13.5	0.0	13.5	364.0	226.3	137.7	61.5	76.2		No Clasts				S	FM	+	N	N	LOC	NA	SAND + SILT			

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG**

Project: Nichicun

Filename: STG - Ouellette - (NC07) - Aug 2007

	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description																			
					Heavy Liquid Separation (S.G. 3.3)					Clasts (> 2.0 mm)					Matrix (<2.0 mm)														
						HMC					Percentage					Distribution					Colour								
NC-07-091	15.9	15.4	2.0	13.4	266.6	156.1	110.5	35.3	75.2	P	5	95	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-092	14.6	14.1	2.5	11.6	350.8	271.3	79.5	27.8	51.7	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-093	15.1	14.6	1.3	13.3	435.9	334.8	101.1	40.2	60.9	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-094	13.4	12.9	1.5	11.4	283.4	231.8	51.6	23.1	28.5	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-095	14.2	13.7	1.5	12.2	371.4	327.9	43.5	9.5	34.0	P	0	100	0	0	S	MC	-	N	N	DOC	NA	SAND & GRAVEL							
NC-07-096	16.4	15.9	3.6	12.3	448.2	325.4	122.8	44.4	78.4	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-097	14.1	13.6	3.9	9.7	309.0	291.1	17.9	6.2	11.7	P	0	100	0	0	S	MC	-	N	N	DOC	NA	SAND & GRAVEL							
NC-07-098	12.5	12.0	3.7	8.3	227.9	173.7	54.2	20.9	33.3	P	0	100	0	0	U	+	-	-	N	LOC	LOC	SANDY TILL							
NC-07-099	14.7	14.2	2.8	11.4	397.0	294.4	102.6	53.3	49.3	P	0	100	0	0	U	Y	Y	-	N	LOC	NA	TILL							
NC-07-100	14.9	14.4	3.2	11.2	292.3	235.0	57.3	31.6	25.7	P	0	100	0	0	U	+	-	N	N	LOC	NA	SANDY TILL							
NC-07-101	16.6	16.1	5.9	10.2	199.3	162.1	37.2	14.3	22.9	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-102	15.3	14.8	3.6	11.2	257.5	182.6	74.9	32.6	42.3	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-103	14.4	13.9	3.5	10.4	305.2	242.6	62.6	23.0	39.6	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-104	17.0	16.5	4.8	11.7	368.3	276.6	91.7	37.3	54.4	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-105	14.1	13.6	2.8	10.8	293.4	229.7	63.7	25.0	38.7	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-106	13.3	12.8	2.3	10.5	238.3	191.5	46.8	18.7	28.1	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-107	12.7	12.2	3.1	9.1	269.1	213.6	55.5	22.1	33.4	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-108	13.7	13.2	2.0	11.2	205.0	155.8	49.2	21.2	28.0	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-109	17.6	17.1	3.7	13.4	350.6	247.3	103.3	41.9	61.4	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-110	14.5	14.0	8.4	5.6	174.0	111.3	62.7	13.6	49.1	P	0	60	0	40	S	MC	-	N	N	LOC	LOC	SAND & GRAVEL							
NC-07-111	14.5	14.0	2.3	11.7	428.2	322.3	105.9	44.1	61.8	P	25	75	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-112	14.1	13.6	4.9	8.7	364.6	287.7	76.9	23.9	53.0	C	5	95	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-113	14.3	13.8	4.0	9.8	353.4	310.5	42.9	16.2	26.7	P	60	40	0	0	S	MC	-	N	N	LOC	LOC	SAND & GRAVEL							
NC-07-114	17.3	16.8	5.0	11.8	305.6	267.6	38.0	11.9	26.1	C	80	20	0	0	S	MC	-	N	N	LOC	LOC	SAND & GRAVEL							
NC-07-115	14.4	13.9	0.3	13.6	283.1	273.0	10.1	5.4	4.7	P	30	70	0	0	U	+	Y	-	+	LOC	LOC	TILL + SOIL							
NC-07-116	15.2	14.7	6.2	8.5	247.6	220.1	27.5	17.6	9.9	C	90	10	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-117	16.0	15.5	5.2	10.3	290.2	268.2	22.0	10.6	11.4	P	70	30	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-118	15.3	14.8	3.9	10.9	274.7	265.0	9.7	3.7	6.0	P	100	Tr	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-119	16.3	15.8	2.6	13.2	341.4	266.8	74.6	27.9	46.7	P	40	60	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-120	13.7	13.2	3.0	10.2	324.8	262.9	61.9	27.9	34.0	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL							
NC-07-121	14.1	13.6	1.8	11.8	313.0	243.0	70.0	27.4	42.6	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL							

\*Clasts listed as "other" are cemented sand.

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG**

Project: Nichicun

Filename: STG - Ouellette - (NC07) - Aug 2007

	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description												
					Heavy Liquid Separation (S.G. 3.3)					Clasts (> 2.0 mm)				Matrix (<2.0 mm)								
						HMC					Percentage				Distribution				Colour			
NC-07-122	14.0	13.5	2.2	11.3	302.5	237.9	64.6	25.5	39.1	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-123	14.1	13.6	1.2	12.4	367.1	282.8	84.3	35.6	48.7	P	5	95	0	0	U	+	Y	-	N	BE	BE	TILL
NC-07-124	14.0	13.5	2.0	11.5	347.0	296.1	50.9	39.1	11.8	P	40	60	0	0	U	Y	Y	Y	N	LOC	LOC	TILL
NC-07-125	13.9	13.4	6.8	6.6	277.2	196.7	80.5	17.3	63.2	P	50	50	0	0	S	MC	-	N	N	OC	OC	SAND & GRAVEL
NC-07-126	14.9	14.4	2.9	11.5	358.9	275.2	83.7	33.6	50.1	P	35	65	0	0	U	Y	Y	Y	N	LOC	LOC	TILL
NC-07-127	14.0	13.5	2.4	11.1	365.3	301.3	64.0	26.9	37.1	P	5	95	0	0	U	Y	Y	Y	N	LOC	LOC	TILL
NC-07-128	15.6	15.1	6.7	8.4	335.5	270.5	65.0	26.2	38.8	P	60	40	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-129	15.2	14.7	2.2	12.5	341.0	251.6	89.4	32.2	57.2	P	10	90	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-130	14.3	13.8	2.1	11.7	281.9	234.4	47.5	17.7	29.8	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-131	13.5	13.0	3.0	10.0	221.4	162.8	58.6	20.1	38.5	P	0	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-132	13.7	13.2	3.7	9.5	330.9	277.7	53.2	19.1	34.1	P	0	100	0	0	S	MC	-	N	N	DOC	DOC	SAND & GRAVEL
NC-07-133	13.7	13.2	2.8	10.4	298.1	226.0	72.1	42.5	29.6	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-134	14.4	13.9	4.7	9.2	273.8	255.2	18.6	8.0	10.6	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-135	13.1	12.6	3.5	9.1	204.1	169.3	34.8	8.2	26.6	P	0	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-136	13.2	12.7	1.6	11.1	291.0	254.1	36.9	12.9	24.0	P	0	100	0	0	S	MC	-	N	N	DOC	DOC	SAND & GRAVEL
NC-07-137	12.7	12.2	2.4	9.8	226.1	193.3	32.8	18.9	13.9	P	0	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-138	13.5	13.0	2.1	10.9	293.8	218.4	75.4	31.1	44.3	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-139	13.6	13.1	3.0	10.1	307.6	225.6	82.0	29.1	52.9	P	0	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-140	15.1	14.6	3.8	10.8	353.2	269.6	83.6	26.1	57.5	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-141	15.1	14.6	2.9	11.7	198.5	138.5	60.0	31.6	28.4	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-142	14.3	13.8	5.0	8.8	528.6	471.2	57.4	24.5	32.9	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-143	14.5	14.0	3.4	10.6	202.5	163.2	39.3	19.5	19.8	P	0	100	0	0	U	+	Y	-	N	DOC	DOC	TILL
NC-07-144	12.3	11.8	2.7	9.1	210.2	187.6	22.6	9.1	13.5	P	0	100	0	0	U	Y	Y	-	+	MOC	DOC	TILL + SOIL
NC-07-145	13.7	13.2	2.1	11.1	282.3	193.2	89.1	39.5	49.6	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-146	15.3	14.8	3.1	11.7	283.9	144.0	139.9	57.4	82.5	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-147	13.6	13.1	1.3	11.8	264.3	222.4	41.9	22.7	19.2	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-148	17.1	16.6	0.4	16.2	367.8	203.9	163.9	63.5	100.4	P	0	100	0	0	S	FM	-	N	N	LOC	NA	SAND
NC-07-149	15.2	14.7	2.4	12.3	324.5	215.6	108.9	41.5	67.4	P	0	100	0	0	U	Y	Y	-	N	OC	OC	TILL
NC-07-150	14.9	14.4	4.9	9.5	391.9	216.7	175.2	61.7	113.5	P	0	100	0	0	U	Y	Y	-	N	LOC	LOC	TILL
NC-07-151	14.2	13.7	0.6	13.1	261.2	129.3	131.9	53.8	78.1	P	0	100	0	0	S	FM	-	N	N	OC	NA	SAND
NC-07-152	16.0	15.5	3.2	12.3	555.6	470.7	84.9	27.2	57.7	P	0	100	0	0	U	+	Y	-	N	OC	LOC	TILL
NC-07-153	15.1	14.6	5.1	9.5	265.3	231.8	33.5	14.8	18.7	P	0	100	0	0	U	+	Y	-	N	LOC	LOC	TILL

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG**

Project: Nichicun

Filename: STG - Ouellette - (NC07) - Aug 2007

	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description									
					Heavy Liquid Separation (S.G. 3.3)				Clasts (> 2.0 mm)		Matrix (<2.0 mm)								
							HMC			Percentage				Distribution		Colour			
NC-07-154	16.2	15.7	3.6	12.1	297.7	225.4	72.3	28.5	43.8	P	0	100	0	0	U + Y - N	LOC LOC	TILL		
NC-07-155	15.0	14.5	6.1	8.4	280.4	237.1	43.3	16.0	27.3	P	0	100	0	0	S MC - N	N OC NA	SAND & GRAVEL		
NC-07-156	14.6	14.1	0.0	14.1	398.6	245.6	153.0	55.4	97.6		No Clasts				S F + N	N LOC NA	SAND + SILT		
NC-07-157	14.4	13.9	1.0	12.9	165.0	66.9	98.1	39.6	58.5	P	0	100	0	0	U + Y - N	LOC LOC	TILL		
NC-07-158	15.2	14.7	0.0	14.7	158.4	95.0	63.4	30.4	33.0		No Clasts				S FM - N +	DOC NA	SAND + SOIL		
NC-07-159	14.9	14.4	3.6	10.8	243.7	144.2	99.5	43.9	55.6	P	0	100	0	0	U + Y - N	MOC MOC	TILL		
NC-07-160	14.8	14.3	1.5	12.8	294.3	149.2	145.1	50.7	94.4	P	0	100	0	0	S MC N N	N LCO NA	SAND & GRAVEL		
NC-07-161	13.6	13.1	3.1	10.0	285.1	227.8	57.3	26.3	31.0	P	0	100	0	0	U + Y - N	LOC LOC	TILL		
NC-07-162	13.7	13.2	0.0	13.2	276.4	205.0	71.4	41.2	30.2		No Clasts				S FM + - N	OC OC	SAND + SILT		
NC-07-163	14.5	14.0	3.1	10.9	200.6	113.7	86.9	35.3	51.6	P	0	100	0	0	U + Y - N	OC OC	TILL		
NC-07-164	14.5	14.0	2.3	11.7	178.0	125.4	52.6	16.1	36.5	P	0	100	0	0	U + Y - N	MOC MOC	TILL		
NC-07-165	15.3	14.8	0.3	14.5	650.4	318.2	332.2	116.3	215.9	P	0	30	0	70	S FM N N	N DOC NA	SAND		
NC-07-166	13.4	12.9	0.4	12.5	153.1	96.3	56.8	18.4	38.4	P	0	100	0	0	S FM N N	N OC NA	SAND		
NC-07-167	13.5	13.0	1.6	11.4	214.6	104.1	110.5	55.3	55.2	P	0	100	0	0	U + Y - N	N OC OC	TILL		
NC-07-168	14.5	14.0	2.0	12.0	142.7	97.8	44.9	22.7	22.2	P	10	90	0	Tr	U + Y - N	OC OC	TILL		
NC-07-169	14.5	14.0	2.7	11.3	337.3	278.2	59.1	30.0	29.1	P	Tr	100	0	0	S MC - N	N DOC NA	SAND & GRAVEL		
NC-07-170	16.0	15.5	4.2	11.3	345.9	278.0	67.9	48.9	19.0	P	0	100	0	0	U + Y - N	OC OC	TILL		
NC-07-171	15.1	14.6	1.4	13.2	265.8	134.8	131.0	67.1	63.9	P	Tr	100	0	0	U + Y - N	OC OC	TILL		
NC-07-172	15.4	14.9	4.0	10.9	195.3	119.6	75.7	35.9	39.8	P	Tr	100	0	0	S MC - N	N LOC NA	SAND & GRAVEL		
NC-07-173	15.5	15.0	2.3	12.7	259.5	164.0	95.5	49.2	46.3	P	10	90	0	0	U + Y - N	LOC LOC	TILL		
NC-07-174	14.7	14.2	3.3	10.9	162.7	99.3	63.4	39.6	23.8	P	Tr	100	0	0	U + Y - N	OC OC	TILL		
NC-07-175	14.3	13.8	1.5	12.3	278.3	168.0	110.3	42.3	68.0	P	0	100	0	0	S MC N N	N OC NA	SAND & GRAVEL		
NC-07-176	14.4	13.9	3.1	10.8	145.0	97.7	47.3	26.8	20.5	P	Tr	100	0	0	U + Y - N	OC OC	TILL		
NC-07-177	14.2	13.7	1.1	12.6	251.8	154.4	97.4	53.8	43.6	P	0	100	0	0	U + Y - N	OC OC	TILL		
NC-07-178	13.0	12.5	3.5	9.0	178.5	110.0	68.5	29.5	39.0	P	10	90	0	0	U + Y - N	MOC MOC	TILL		
NC-07-179	14.1	13.6	2.5	11.1	217.3	145.4	71.9	42.4	29.5	P	Tr	100	0	0	U + Y - N	OC OC	TILL		
NC-07-180	15.1	14.6	3.1	11.5	153.7	117.7	36.0	12.3	23.7	P	Tr	100	0	0	U + Y - N	MOC MOC	TILL		
NC-07-181	12.9	12.4	0.1	12.3	219.8	169.1	50.7	37.9	12.8	P	0	100	0	Tr	S MC - N	N MOC NA	SAND		
NC-07-182	13.2	12.7	2.6	10.1	180.4	156.7	23.7	23.0	0.7	P	5	95	0	Tr	U + Y - N	LOC LOC	TILL		
NC-07-183	15.3	14.8	2.5	12.3	247.2	159.2	88.0	36.0	52.0	P	0	100	0	0	U + Y - N	LOC LOC	TILL		
NC-07-184	13.7	13.2	3.1	10.1	232.9	167.6	65.3	32.6	32.7	P	20	80	0	0	U + Y - N	LOC LOC	TILL		
NC-07-185	15.4	14.9	5.2	9.7	247.6	210.5	37.1	22.2	14.9	P	20	80	0	0	U + Y - N	LOC LOC	TILL		

\*Larger pebbles removed by hand in the field.

**OVERBURDEN DRILLING MANAGEMENT LIMITED  
LABORATORY SAMPLE LOG**

Project: Nichicun

Filename: STG - Ouellette - (NC07) - Aug 2007

	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description												
					Heavy Liquid Separation (S.G. 3.3)					Clasts (> 2.0 mm)			Matrix (<2.0 mm)									
								HMC				Percentage			Distribution				Colour			
NC-07-186	15.6	15.1	4.1	11.0	336.0	232.4	103.6	49.0	54.6	P	10	90	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-187	16.1	15.6	5.0	10.6	273.8	194.2	79.6	38.3	41.3	P	Tr	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-188	15.7	15.2	1.0	14.2	361.5	181.4	180.1	91.0	89.1	P	0	100	0	0	S	FM	-	N	N	OC	NA	SAND
NC-07-189	13.7	13.2	0.0	13.2	439.9	380.4	59.5	29.8	29.7		No Clasts			S	FM	-	N	N	OC	NA		SAND
NC-07-190	13.1	12.6	3.9	8.7	306.0	272.6	33.4	17.2	16.2	P	0	100	0	0	S	MC	-	N	N	DOC	NA	SAND & GRAVEL
NC-07-191	14.3	13.8	2.4	11.4	355.6	288.7	66.9	33.0	33.9	P	0	100	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-192	14.8	14.3	2.1	12.2	350.5	324.1	26.4	13.3	13.1	P	10	90	0	0	U	+	Y	-	N	DOC	DOC	TILL
NC-07-193	16.4	15.9	4.4	11.5	318.7	211.9	106.8	59.7	47.1	P	10	90	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-194	15.0	14.5	3.3	11.2	283.9	157.1	126.8	55.5	71.3	P	5	95	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-195	13.9	13.4	4.2	9.2	373.6	310.1	63.5	31.1	32.4	P	10	90	0	0	U	+	Y	-	N	OC	OC	TILL
NC-07-196	13.6	13.1	2.6	10.5	309.9	291.4	18.5	7.6	10.9	P	20	80	0	0	U	+	Y	-	+	DOC	DOC	TILL + SOIL
NC-07-197	13.4	12.9	3.5	9.4	335.8	262.1	73.7	37.1	36.6	P	50	50	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-198	14.5	14.0	2.8	11.2	223.0	127.0	96.0	47.5	48.5	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-199	14.6	14.1	3.0	11.1	298.1	223.0	75.1	30.7	44.4	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL
NC-07-200	14.3	13.8	1.5	12.3	243.6	199.7	43.9	19.5	24.4	P	Tr	100	0	0	U	+	Y	-	N	LOC	LOC	TILL

\*Clasts listed as "other" are cemented sand.

\*Larger pebbles removed by hand in the field.

## Appendix 4. List of claims

Nichicun main blok			
2044624	2044147	2044543	2046682
2044625	2044148	2044579	2046683
2044626	2044149	2044580	2046684
2044627	2044150	2044581	2046685
2044628	2044151	2044582	2046686
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