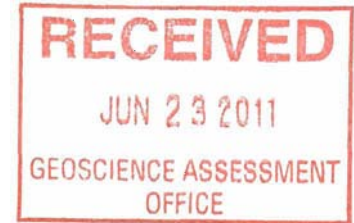


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REPORT ON PHASE II



EXPLORATION OF THE MONTCLERG PROPERTY

IN CLERQUE, STOCK AND WALKER TOWNSHIPS, ONTARIO

FOR

MATAMEC EXPLORATIONS INC,

JANUARY 18, 2008

ALINE LECLERC, ogq 879

EXECUTIVE SUMMARY

In 2006, Matamec Explorations inc. (Matamec) signed an option to acquire 51% interests in the canton Clerque property in Ontario belonging to Explorer Alliance Inc (Explorer), Janice Bonhomme and Bruce Durham.

The property was acquired after examining reports supplied by Mr. Lionel Bonhomme. Mrs Aline Leclerc, V.P. Exploration for Matamec and author of the present report, recognized in this property a strong potential for deep ore bodies along the main gold-bearing structure (Montclerg zone), as well as along another, less explored, structure further to the south (the Canamaz zone).

Indeed, after consulting the reports it quickly became evident that the principle auriferous zone, the Montclerg zone, was composed of numerous veins and stringers of quartz-carbonate with varying quantities of chlorite and/or tourmaline accompanied by traces to 5% of pyrite, pyrrhotite and/or arsenopyrite. More importantly, it also seemed quite clear that great potential remained unexplored at more than 150 vertical depth. Indeed, 98% of historic drilling efforts concentrated on the 0 to 125 depths with only few holes going beyond 150 meters. The property was therefore acquired with the intent to drill deep holes along the Montclerg zone.

It should also be noted that the numerous historic drill holes literally criss-cross the region, going from North to South, from South to North, from North-East to South-West and from South-West to North-East. Clearly, all this drilling was done without a firm understanding of the geometry of the auriferous veins composing the Montclerg zone.

Phase I of exploration therefore started in the summer of 2006 under the supervision of Dr. Ed Van Hees. Given the above, the campaign objectives were 1) to gain a better understanding of the vein structure and 2) to explore the Montclerg zone beyond the 125 meter zone. The area chosen for the study centered around section 49+00E, to the east of the Driftwood River, in a location where numerous old multi-directional drill holes intercepted equally numerous, high grade gold-bearing veins in the first 100 meters. Vertical drilling was used so as to allow measurements of true angle of stringers and veins on the core samples.

All nine (9) of the 2006 drill holes intersected the auriferous zones described in the historical reports. Gold values though, while present, were uniformly under historic values. Furthermore, only three (3) of the nine (9) holes were drilled beyond 150 meters, namely holes 6, 7 and the deepening of hole 2. It should be noted though that these three holes did intersect a larger and well-mineralized structure around the 300 meter mark. It is this author's considered opinion that this structure fully warrants additional drilling, both laterally and along strike. Detailed results of Phase I are included in Dr Ed Van Hees' report of February 2007.

Phase II of exploration, executed during the months of February and March 2007, was concerned solely with deep exploration. This latest phase targeted a sector west of the

Driftwood River where old drill holes indicated interesting grades near surface and one deeper hole #26 returning also good gold intersection.

Fortunately or unfortunately, the first holes drilled through a nice quartz-feldspath porphyry, very well altered, which contained veins and stringers of quartz with small amounts of carbonates, chlorite, occasional tourmaline, the whole mineralized with fine arsenopyrite. The drilling campaign now centered on tracing this porphyry over the first 150 meters of depth. At the end of the campaign, the target porphyry was encountered in three (3) of the six (6) holes drilled, with only the first hole returning interesting values.

These two drilling programs did allow Matamec to define a host rock stratigraphy at Montclerg which differs markedly from the one reported in Pentland Firth Ventures Ltd 1999 compilation report. That report described the Montclerg zone as a "variably carbonatized mafic fragmental tuff-agglomerate in contact with a sequence of variolitic pillowed mafic volcanics". This mafic sequence was "part of an east-west trending belt of intercalated (tholeitic) mafic volcanics and minor (komatiitic) ultramafic volcanic flows of the favorable Tisdale Assemblage stratigraphy". As soon as the first hole of 2006 was drilled, this version of events had to be reconsidered due to the presence of a layer of acidic lavas intercalated in the basic sequence. In addition, the mineralized structures, the veins and stringers, were equally hosted in the acid lavas and in the basalts (please refer to Ed Van Hees' report and geological sections for details). It should be noted though that before the Pentland report, old drill logs did indicate the presence of rhyolite and porphyritic felsic intrusions.

Following the discovery of acid lavas, closer mineralogically to the Texas Gulf mine units than to basaltic sequences, a number of studies were done by Matamec and their partner Explorer Alliance to understand the geological context of this mineralization. In addition, the Ontario Geological Survey began a geochronological study of these rocks in early 2006. In 2007, Tim Barrett of Ore Systems consulting started a geochemical study of cores from Matamec's 2006 and 2007 campaigns as well as Pentland's 1999 campaign, all of which are stored at Matamec's Timmins facility. This latest study by Tim Barrett is part of an independent report which will soon be made available.

At the conclusion of these two drilling campaigns, Matamec has gained its 51% interest in the property. The author of this report feels that if there is to be continued drilling at Montclerg, it should prioritize targets under the 150 meters level in the Montclerg zone, as well as targets along the Canamax zone to the south.

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1 - INTRODUCTION

In 2006, Matamec optioned the Montclerg property for its potential at depth along the main Montclerg zone as well as its potential along other, less well known zones such as the Canamax zone, located more to the south along the Pipestone fault.

During the summer of 2006, phase I drilled nine (9) holes in the main zone, three (3) of them bottoming beyond 150 meters. Positive results were obtained from these three deeper holes and so a second drilling program was scheduled for February of 2007. This report details its results.

2 - LOCATION AND ACCESS

The property is situated at the eastern end of the world famous Porcupine gold camp in Timmins, Ontario (**Figure 1**). More precisely it covers part of the Clerque, Stock and Walker townships and straddles the boundary between the Porcupine and Larder Lake mining divisions (**Figure 2**).

The village of Monteith is two (2) kilometres north and downtown Timmins is 60 kilometres to the west-southwest. Secondary road 577, leading north from highway 101 to highway 11, crosses the east part of the property while highway 11 itself borders its northern side. Bigelow drive, a lot road running east-west, gives access to the northwestern side of the property (**Figure 2**).

3 - PROPERTY

The property is composed of 25 contiguous freehold patented and staked claims of approximately 402 hectares. The land parcels that make up the Montclerg property proper include: (**Figure 3**)

PARCEL/CLAIM	PART LOT	LOT	CONC	TOWNSHIP
6316 SEC	S ½	1 & 2	1	Clergue
6705 SEC	S ½	12	1	Walker
P-3003960	S ½ of S ½	3 & 4	1	Clerque
P-3003969	N ½ of N ½	2	6	Stock
P-3010199	S ½ of N ½	2	6	Stock
P-3010200	NW ¼ of N ½	1	6	Stock
P-3010201	NE ¼ of N ½	1	6	Stock
P-3010202	SE ¼ of N ½	1	6	Stock
P-3010203	SW ¼ of N ½	1	6	Scotk
P-1213753	Land under Griftwood River (1 unit)			

The property includes both patented, mining rights only (MRO) and staked claims, with 21 claim units located in the Porcupine mining division and 4 claim units located in the

Larder Lake mining division. The property includes two surveyed parcels of land that make up 12 of its 25 claim units. The rest of the claims are staked and have not been surveyed.

4 - TOPOGRAPHY

The area is topographically flat, due mostly to the extensive clay cover deposited by the Barlow-Ojibway glacial lake. Indeed, numerous farms take advantage of the clay overburden of the area. Driftwood River, a plentiful source of water, crosscuts the property in a north-south direction.

5 - PREVIOUS WORK

This section is completely taken from ED Van Hess' 2006 report.

Gold was discovered on the main Montclerg zone in 1938 when a landslide on the east bank of Driftwood River exposed arsenopyrite-bearing quartz veins that carried 4 to 7 g/t of gold (Yule, 1999). Montclerg Mines Limited was organized and exploration of the main property over the next five decades by Montclerg Mines Limited, Newmont Exploration, Howey Mines, Anglo-Huronian and Consolidated Montclerg Resources, eventually resulted in a 1,600 m long by 130 m wide alteration zone being defined within which occur a number of mineralized zones (see Bath, 1990 for details of the exploration history). These zones were estimated to contain 336,668 tonnes of mineralization grading 4.106 g/t of gold (original non-NI43-101 compliant estimate made by mining engineer A.S. Banes in 1986 was 371,000 tons containing 0.132 ounces of gold per ton). The records for much of this work are incomplete at best (Yule, 1999).

The most recent exploration of the Montclerg property was undertaken by Canamax in 1987. They completed linecutting, a magnetic survey and a total of 4,152 metres of drilling in 19 holes on three targets (Clavos Extension, Montclerg East and Montclerg West). Most of the drill footage was used to test for an extension of the Clavos Zone, located some 8 kilometres west of the property. The program discovered a mineralized arsenopyrite-bearing porphyritic intrusive unit thought to be associated with the Pipestone Fault along the southern edge of the property. This zone contains gold values up to 4.44 g/t over 4.0 metres and has subsequently become known as the Canamax Zone.

Pentland Firth Ventures Ltd. began exploring the property in early 1994 and terminated the option in 1999. They conducted a magnetic and VLF-EM survey on newly cut grid over the entire property. Channel sampling was completed on the quartz veins exposed in the discovery outcrop near the Driftwood River as part of a study to determine the orientation of the different vein sets and their gold contents. Orientation Induced Polarization and Enzyme Leach Soil Surveys were conducted over part of the main Montclerg zone. A total of 8 diamond holes were drilled on the property with 4 each on the Canamax and Montclerg Zones (Yule, 1999).

6 - REGIONAL GEOLOGY

This section is completely drawn from Ed Van Hess' 2006 report.

The Montclerg property is located at the eastern end of the Porcupine Gold Camp in the southwestern portion of the Archean age, Abitibi Greenstone Belt (**Figure 4**). The Porcupine camp has produced in excess of 65 million ounces of gold (MNDM website) of which >98% has been mined from the Tisdale assemblage rocks that lie between the regional Porcupine-Destor and Pipestone Faults. The Tisdale assemblage of metavolcanic and related intrusive rocks have compositions that range from ultramafic near the base of the volcanic pile, through mafic and intermediate to felsic at the top. Related clastic metasedimentary rocks derived from the metavolcanic rocks also occur in the area. All these rocks are cut by younger Paleoproterozoic diabase dykes (Berger, 2000).

Rocks in the Montclerg area have been subdivided into 4 different assemblages. From north to south these are the Duff-Coulson-Rand, the Kidd-Munro, the Hoyle and the Bowman assemblages. The regional Pipestone Fault separates the Kidd-Munro from the Hoyle assemblage and the regional Porcupine-Destor Deformation Zone separates the Hoyle and Bowman assemblages.

7 - PROPERTY GEOLOGY

This entire section is also drawn from Ed Van Hess' 2006 report.

The author relied largely on mapping and data compilation efforts by previous explorationists for the initial property geology data used to layout the current drilling program because deep glacial overburden covers most of the Montclerg property (**Figure 5**).

Mineralization Type

The style of mineralization present in the Montclerg Zone was studied by Pentland Firth geologists using three complete drill holes stored at the offsite MNDM core farm in Timmins (Yule, 1999). Their observations that elevated gold values are closely associated with finely-disseminated wallrock-hosted sulphide zones that have typical sulphide concentrations of 1% with local concentrations between 3 and 10%, were confirmed during examination of the same core by the author. Pyrite and arsenopyrite are the dominant sulphides present in the alteration halos that occur around sulphide-bearing quartz veins and stringers. The pyrite and arsenopyrite are typically euhedral with the pyrite and the arsenopyrite crystals generally being ≤ 0.5 and ≤ 2 mm in size, respectively. Geochemically anomalous gold values are present wherever these sulphides

occur and higher gold grades generally coincide where sulphide concentrations are greater than 5% and have a high arsenopyrite to pyrite ratio.

Weak wallrock alteration of the silicate minerals coincides with the sulphide halo around the veins and veinlets. Light- to lime-green coloured sericite alteration appears to be common in the wallrocks. Some graphite may also have been deposited with the sulphides because there are what appear to be "grey zones" around some of the veins, like that present in the Hoyle Pond deposit.

Historic Tonnage Estimate

A number of previous tonnage estimates exist for the Montclerg property, the most recent done by mining engineer A.S. Bayne in 1985. He estimated the Montclerg resources at 408,100 t. and 4.53 g/t Au.

Ed Van Hess successfully located a copy of Bayne's ore reserve report in the Goldcorp office, but the plans that should have accompanied said report could not be found. It is therefore impossible to validate the tonnage and grade estimates made by Bayne. In final analysis, these resources do not therefore comply with NI 43-101.

8 - WORK DONE BY MATAMEC EXPLORATIONS INC.

2006 - PHASE I

Matamec's first exploration campaign was based mainly on Baynes' 1985 conclusions and was designed to:

- Improve the overall understanding of the mineralization,
- Validate the feasibility of open pit mining in the Upper Montclerg Zone (<200 meters depth),
- Find other mineralized zones at depths less than 400 meters, and to
- Increase historical resources set at 408,100 t. and 4.53 g/t Au.

Under the supervision of Ed Van Hees, nine (9) holes were drilled during the summer of 2007 near section 49+00E. He wrote: "the assay results obtained from this campaign were encouraging. When these are combined with our new understanding of the orientation of both the shallow (<100 m) and deep (>300 m) mineralized zones, we can begin to see the potential in the Main zone. However, the spacing of holes, primarily as a fence on section 49+00 mE, precludes making any comments about the tonnage and grade estimates at this time."

The main observation of his report was that: "A shallow-dipping (20°) semi-massive mineralized body was encountered at a depth of >300 m. This body extends for at least 60 m and probably 90 m along its dip and has a bigger size and higher grade than any mineralization that has been discovered previously. The presence of a semi-massive

mineralized body beneath a lower-grade, near surface mineralized body suggests that additional higher-grade, semi-massive mineralized bodies could be present beneath other low grade mineralization found elsewhere on the Montclerg property.” Following that conclusion, he proposes that “a 2,500 m drill program should therefore be undertaken to test for comparable mineralization beneath the West of River Zone and to explore the lateral extent of deep mineralization in the Main Zone.”

Van Hess’s other observation is of prime consequence for exploration. He notes that : “Drill holes that penetrated the near surface mineralization in the Main Zone indicated that this body has a greater lateral extent than previously indicated by the existing drill hole sections.” Therefore, “The near surface part (<100 m) of holes drilled to explore the lateral extent of the deep Main Zone mineralized body should be sampled and assay results evaluated to determine if this part of the Main Zone has any open pit potential.”

2007 - PHASE II

After combining a compilation of all historic drilling with the results of the first campaign, it appears that the Montclerg Zone is a more or less continuously mineralized zone that extends 2,600 meters from section 40+00mE to 66+00mE . On the longitudinal section (**figure 6**) we can see the two level of mineralized bodies, from 0 to 125 meter deep and around 300 meters deep. Most of the historic holes were stop in the first level except for 2 holes the number 21 near section 49+00mE and number 26 around section 45+50mE

The second phase of exploration therefore aimed to confirm the continuity of the Montclerg zone on the West shore of the River (sections 45+00mE and 46+00mE) and to confirm that the gold mineralization on the Upper Montclerg Zone and at depth is similar to that in the area drilled around section 49+00mE during the first phase. Historic holes drilled near the West shore of the river showed well mineralized intervals near the surface and one hole mineralized at depth. Indeed, in previous drilling on sections 45+50mE and 46+00mE, the gold zone returned values up to 13.96 g/t Au on 4.60 meters; 19.79 g/t Au on 4.57 meters and 27.43 g/t Au on 1.52 meters (**Figure 7**). In February and March 2007, Matamec therefore followed Ed Van Hees’ first recommendation and drilled six holes on the West shore of the river.

The coordinates of the six holes are shown in the table below:

Hole	Line	Station	Dip
Sondage 1	Ligne 45+50E	0+30N	90
Sondage 2	Ligne 45+50E	0+90N	90
Sondage 3	Ligne 46+25E	0+60N	90
Sondage 4	Ligne 45+50E	0+00N	90
Sondage 5	Ligne 45+20E	0+30N	90
Sondage 6	Ligne 44+90E	0+00N	90

The first hole encountered a quartz-feldspar porphyry from 18,45 to 161,15 meter. This unit was well altered and well mineralized with pyrite and arsenopyrite. A great quantity of small quartz-carbonate stringers, ranging from 1 mm to a few cm, crosscut the intrusion. They show different dips, though the majority is sub horizontal (70 to 90 degrees to core axis). Contact with the dacitic rocks to the north is sub-vertical (15 degrees to core axis) and contact with the rhyolitic rocks to the south is also sub-vertical (10 degrees to core axis). The rhyolitic rocks to the south seem to have the same chemical composition as the porphyry and may be genetically related. That rhyolitic unit also presents the same alteration and mineralization as the porphyry, though no gold values were found in that unit for hole 1. The porphyry is aphanitic for 1 cm true width near its lower contact with this rhyolitic unit.

The porphyry in that first hole was entirely sampled and assayed for gold based on the highly developed alteration, the great quantity of quartz-carbonate stringers present and the abundance of sulphide. Small quantities of gold were indeed found in all intersections assayed, with 25% of them reporting higher than 1,00 g/t Au. Those higher values defined two low grade zones, first from 44 to 75 meters (1,35 g/t on 31 meters) and then from 118,90 to 143,50 (0,99 g/t on 30,6 meters). Two other intersections were found also in that hole, one from 34,40 to 34,80 meter (1,17 g/t on 0,40 m.) and the last one from 266,30 to 267,50 (1,89 g/t on 1,20 m.).

The second hole, 60 meter to the north on the same section, also intersected that same porphyry from 163,13 to 205,01 meters but this time with less alteration and less mineralization. Most of the intersection was sampled and assayed. Unfortunately, all assays were under 1 g/t except for one in the overlying mafic volcanic unit, close to the upper porphyry contact, from 162,63 to 163,13; giving 5,28 g/t on 0,50 m). The underlying rhyolitic unit returned 2 assays higher than 1 g/t Au: From 217,10 to 217,70 (1,34 g/t on 0,6 m) and from 223,80 to 224,63 (1,75 g/t on 0,83 m).

The third hole, 75 meter to the East, was stopped while still drilling the overburden : the casing crumpled and broke against a big boulders at 24 meter depth. That hole was originally planned to intercept historic Au values found at depth in hole # 26 (Figure 7). Unfortunately, Matamec's hole number three never reached its deep target and the whole program thereafter shifted on a quest to follow the porphyry.

The fourth hole was made on the same section as holes 1 and 2, 30 meter to the south of hole number 1. It probably intersected the porphyry at the beginning of the hole, from 21,40 to 27,00 meter, just after leaving the overburden. The rock there was too weathered and broken to be certain of its exact nature though. The hole thereafter stayed in rhyolitic rock, all the way down to the end at 161 meters. Most of it was sampled and assayed and only one intersection returned higher value than 1 g/t Au , namely 2,20 g/t over 0,50 m. from 116,50 to 117,00 meter.

The fifth hole was drill 30 meters west of hole 1. It was planned to give the best possible intersection of the porphyry unit. After 10,93 meters of overburden, it did indeed enter

porphyry, keeping with it until 155,03 meter. This specific length of porphyry was unfortunately also less altered and less mineralized than the original intersection in hole 1. Only 5 assays returned higher value than 1,00 g/t, namely from 49,54 to 50,50 meters (2 assays giving 2,13 g/t on 0,96 meter), from 60,00 to 61,00 meters (one assay giving 1,68 g/t on 1,00 meter), and from 90,35 to 91,00 meters (one assay giving 2,30 g/t on 0,65 meter). The same altered acidic unit was encountered under the porphyry. It featured an intersection of 2,05 meter running 1,94 g/t in a highly sericitized section with abundant arsenopyrite.

The sixth hole was drilled 60 meter west of hole 4. After 14,32 meters of overburden, it crosscut the fragmental rhyolitic unit until 176,34 meter of depth. Followed a more mafic unit until the end of hole at 191 meter. A few pyrite and arsenopyrite zones (1-7%) with quartz-carbonate stringers were assayed for gold. The first zone, extending from 95,37 to 98,45 meters, reported 1,42 g/t on 3,08 meter while the second zone, extending from 122,00 to 122,50 meters, reported 1,50 g/t on 0,50 meter.

All the 5 holes are presented in 3 sections. The section 45+50mE with 3 holes the #1, #2 and #4 (**Figure 8**), the section 45+20mE with hole 5 (**Figure 9**) and the section 44+90mE with hole #6 (**Figure 10**)

During the campaign, samples were taken in all 6 holes for geochemistry study. Samples were analysed to provide whole rock assays for every geological units. During the summer and fall of 2007, Tim Barret of Ore Systems Consulting conducted a litho-geochemical study on those units. As well as collecting a considerable amount of his own samples, Barret also looked at the core from a selection of Matamec's 2006 and 2007 holes, as well as some of Pentland's 1999 holes. The goal of this study was to define the stratigraphic sequence present on the property, in particular as relate to the lithological contacts favored by known gold zones and their associated alteration trends. This study will be presented in an independent report available shortly, which study will also incorporate all historical geochemical data on the property.

9 - CONCLUSION AND RECOMMENDATION

Since the acquisition of this property by Matamec in March 2006, two drilling programs have been completed (summer of 2006 and winter of 2007). These two programs investigated two sectors of the Montclerg zone which was historically known to extend over a 2,600 metres length and to a depth of 150 metres.

The recent drilling programs identified two new and important features:

First: In the Main Zone area around section 49+00mE, new gold structures occur below 300 metres depth which contain semi-massive sulphide mineralization (mainly arsenopyrite with lesser quantities of pyrite and pyrrhotite and minor quantities of chalcopyrite and sphalerite); and

Second: In the West of the River area around section 45+50mE, weak gold mineralization with arsenopyrite has been found over significant intervals in a strongly altered felsic porphyry. The 2007 holes crosscut the same rock as the historic drilling and no value exceeding 6 g/t was encountered.

In the beginning of 2006 when Matamec optioned the property, the main goal was to test the extension at depth of all known mineralization in the Montclerg zone. Of the 14 holes drilled in this two campaigns though, only 4 were longer than 300 meters.

Before the beginning the next drilling program (designed to test the lateral and vertical extensions of these two discoveries), the lithogeochemical study will be completed and will hopefully yield an improved metallogenical model as well as help in the selection of targets for the next phase of drilling. But we do have to keep in mind that the main drilling objective was, and remains, to find more and better mineralization at depth.



Aline Leclerc ogq 879

APPENDICE 1



Figure 1; Montclerg property location
Matamec Explorations Inc

Date: Time of Issue: 2008 Feb 15 11:01:27 EST 2008

TOWNSHIP / AREA
CLERGUE

PLAN
G-3487

ADMINISTRATIVE DISTRICTS / DIVISIONS

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

TOPOGRAPHIC

Administrative Boundaries

- 1 Contour
- 2 Contour Interval
- 3 Precipitation
- 4 Water Release
- 5 LOT #1 & 2
- 6 LOT #3
- 7 Mine Shaft
- 8 Mine Headframe
- 9 Station
- 10 Road
- 11 Trail
- 12 National Grid Point
- 13 Utility
- 14 Creek

Land Tenure

Private Plans

- 1 Surface and Mining Rights
- 2 Surface Rights Only
- 3 Mining Rights Only

Consolidated Plans

- 1 Surface and Mining Rights
- 2 Surface Rights Only
- 3 Mining Rights Only

Letters of Disposition

- 1 Lease for Term
- 2 Surface and Mining Rights
- 3 Surface Rights Only
- 4 Mining Rights Only

Land Use Plans

- 1 Land Use Permit
- 2 Order of Disposal (Not open for Mining)
- 3 Water Power Lease Agreement

Mining Claims

- 1 Fee Paid Mining Claims

LAND TENURE WITHDRAWALS

- 1201 Active Withdrawal from Disposition
- 1202 Mining Site Withdrawal - Term
- 1203 Surface and Mining Rights Withdrawal
- 1204 Surface Rights Only Withdrawal
- 1205 Mining Rights Only Withdrawal
- 1206 Order of Disposal Withdrawal - Term
- 1207 Surface and Mining Rights Withdrawal
- 1208 Surface Rights Only Withdrawal
- 1209 Mining Rights Only Withdrawal

IMPORTANT NOTICES

Scale 1:40000

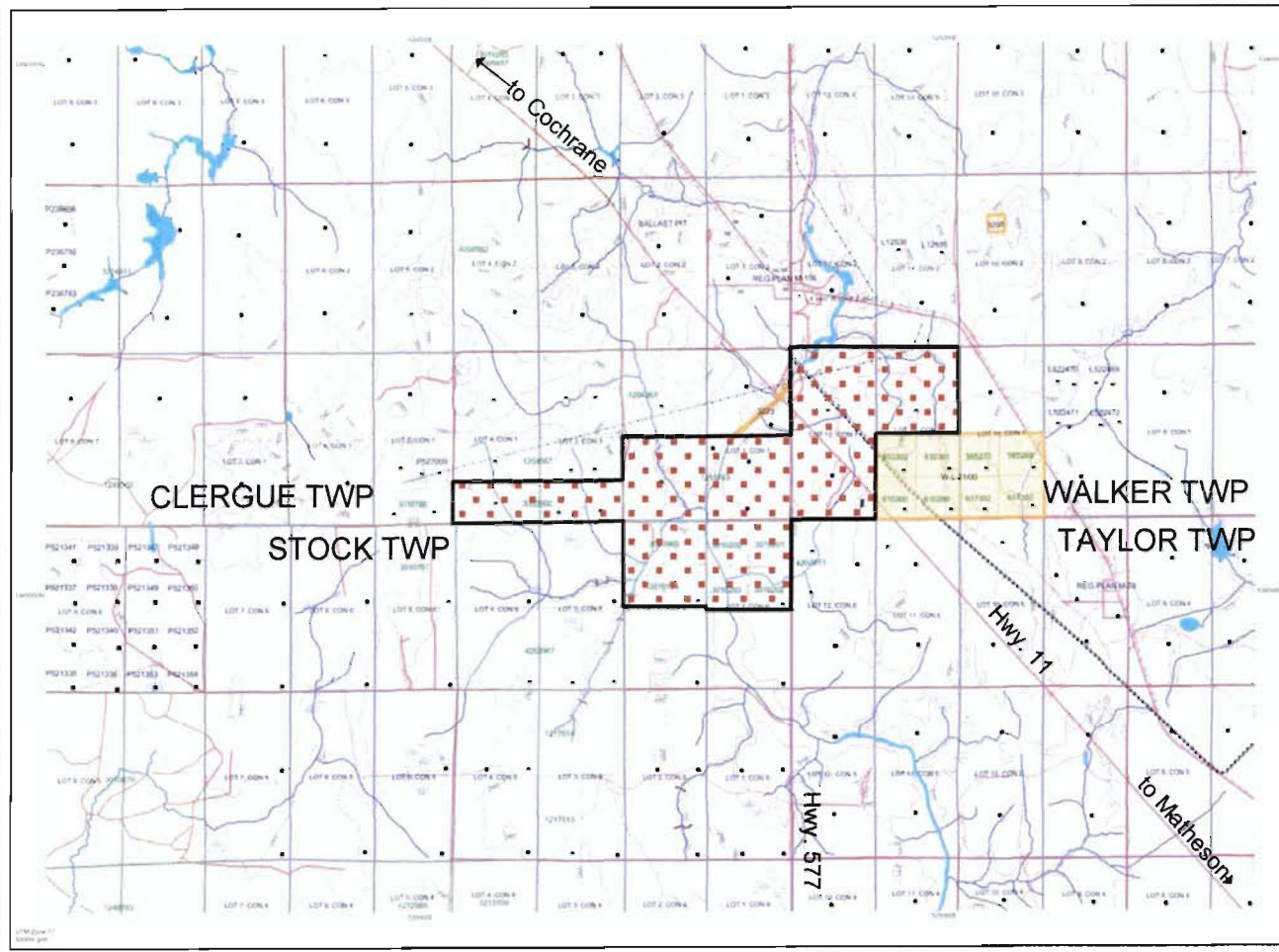
0 1 2 Kilometers

LAND TENURE WITHDRAWAL DESCRIPTIONS

Number	Type	Date	Description
1201	Withdrawal	Jan 1, 2001	PENDING SURFACE RIGHTS APPLICATION
1202	Withdrawal	Jan 1, 2001	MINING SITE NOT OPEN FOR STAKING
1203	Withdrawal	Jan 1, 2001	400 FT SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES & RIVERS
1204	Withdrawal	May 5, 2000	See SE 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Figure 2
Montclerg Project
Location and Access

0 1 2 Kilometers



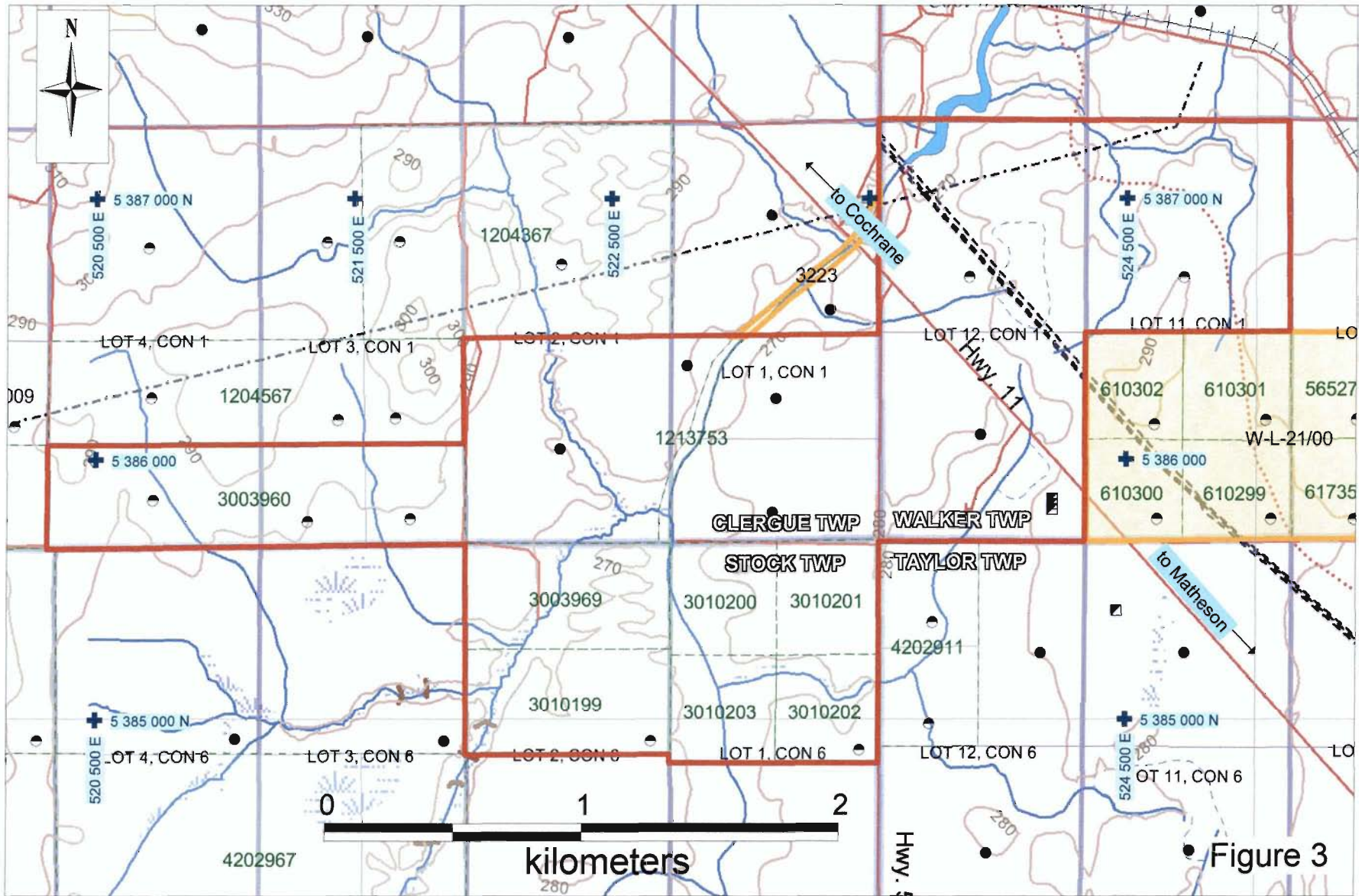
Those wishing to view mining claims should contact with the Provincial Mining Registrar's Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This information is not intended for registration purposes. This information is not intended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

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

General Information and Limitations
 Contact Information
 Provincial Mining Registrar's Office
 9000 Caswell Mine Centre 333 Ramsey Lane West
 Sudbury ON P3E 6B5
 North Phone: 709-939-3000
 Fax: 709-939-3000
 Web Page: www.mrdn.gov.on.ca/MNR/MINING/LAND/tenuremap.html

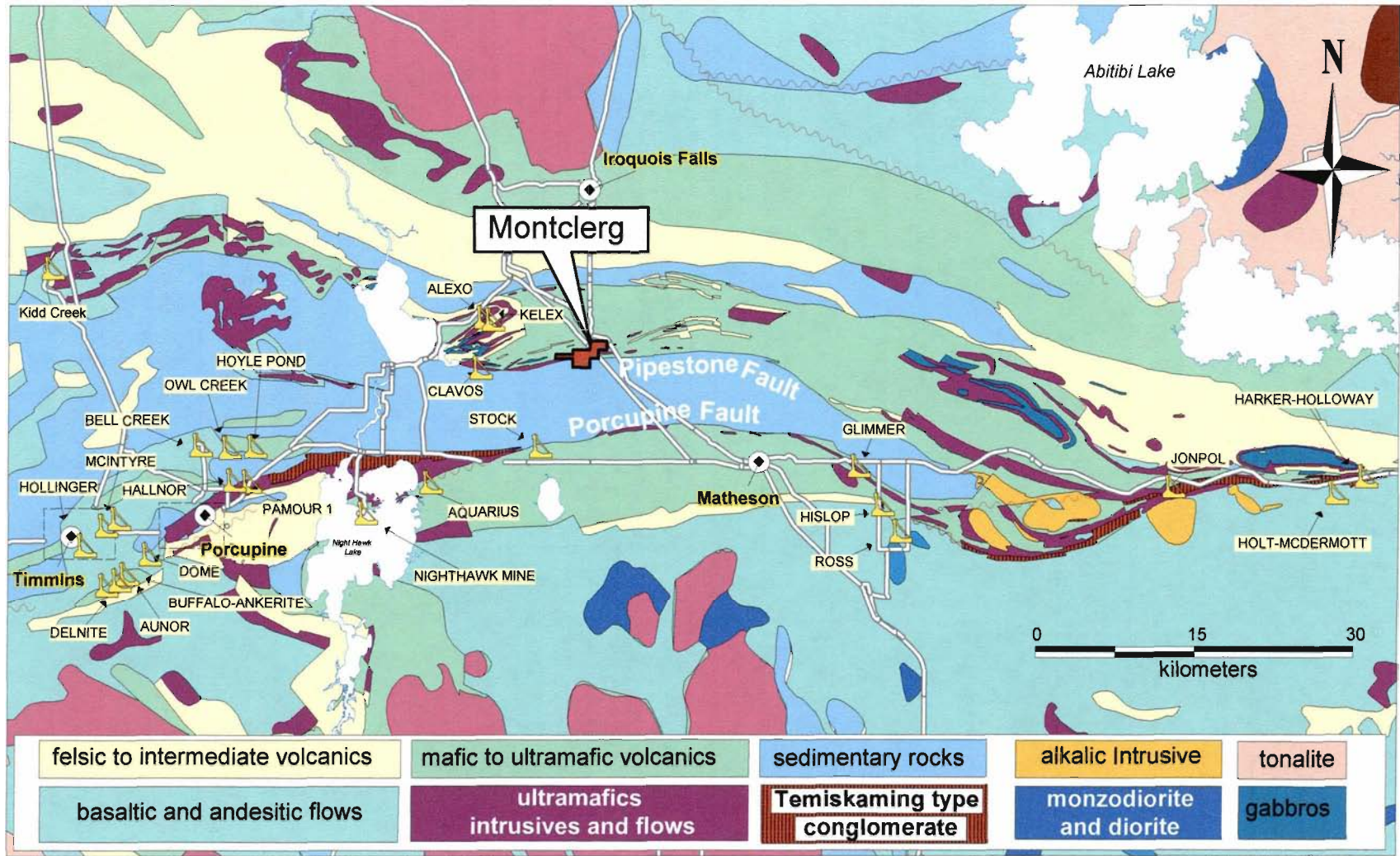
Map Datum: NAD 83
 Projection: UTM (8 Degrees)
 Topographic Data Source: 1 and Information Diagram
 Mining Land Tenure Source: Provincial Mining Registrar's Office

This map may not show registered land tenure and interests in land including certain patents, leases, easements, right of ways, mining rights, interests or other forms of disposition of rights and interests from the Crown. Also certain land tenure and land uses that cannot be shown on this map may exist.



• Figure 3

Montclerg Project
Property Map



Modified from Ontario Geological Survey, 2004. Mineral Deposit Inventory Version 2 (MDI/2)

MN10107-geo-lytton En 230207.WOR

Figure 4 - Regional geology

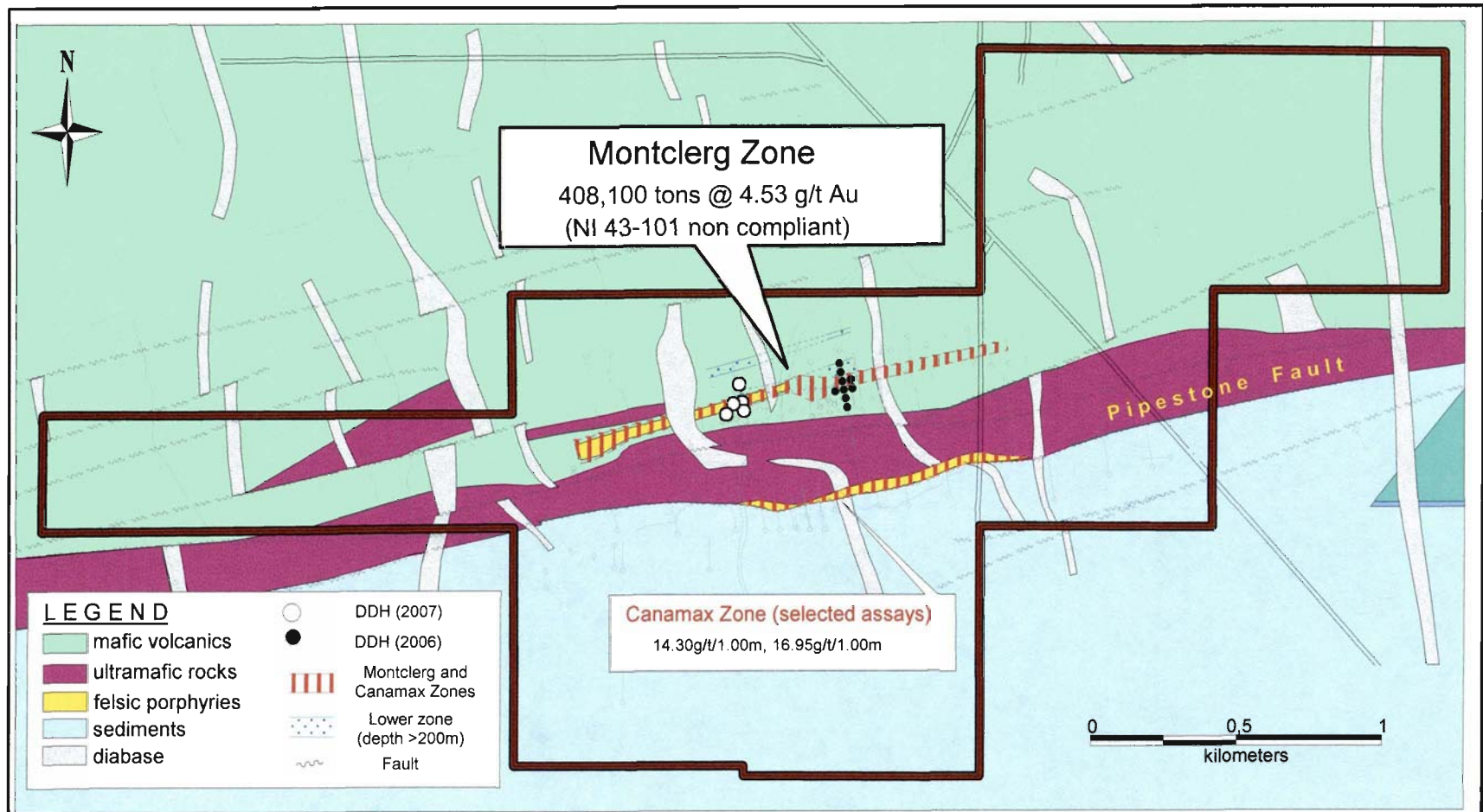


Figure 5 -Geological Map
Montclerg property

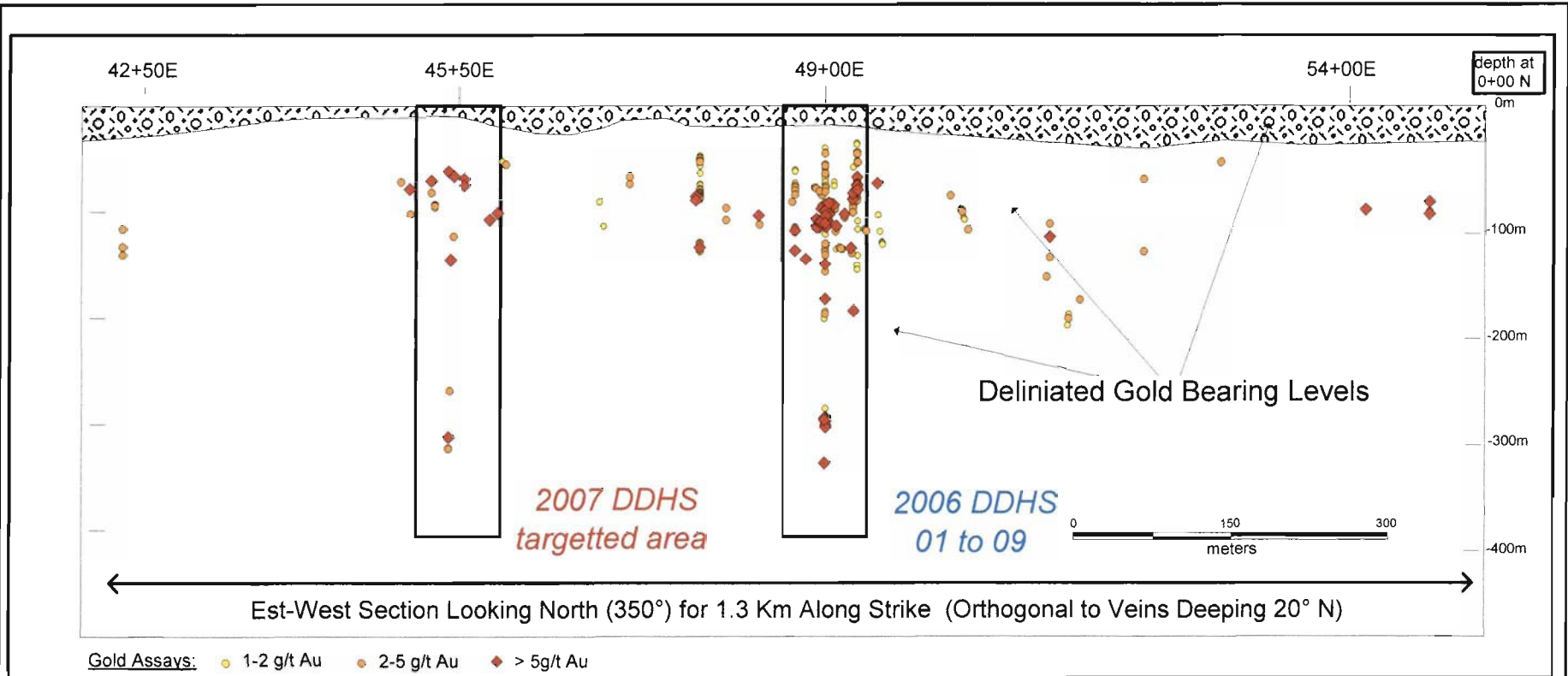
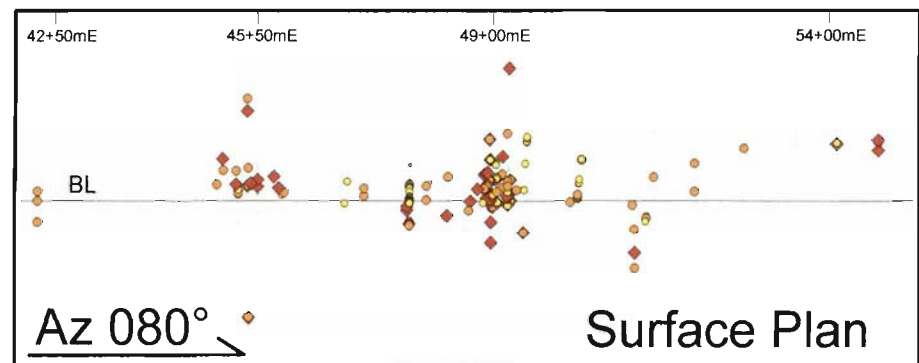


Figure 6 - Montclerg Zone

Longitudinal Section, 2006 Completed DDHs and 2007 targetted Areas and Delinated Gold Bearing Levels

Matamec Explorations Inc.



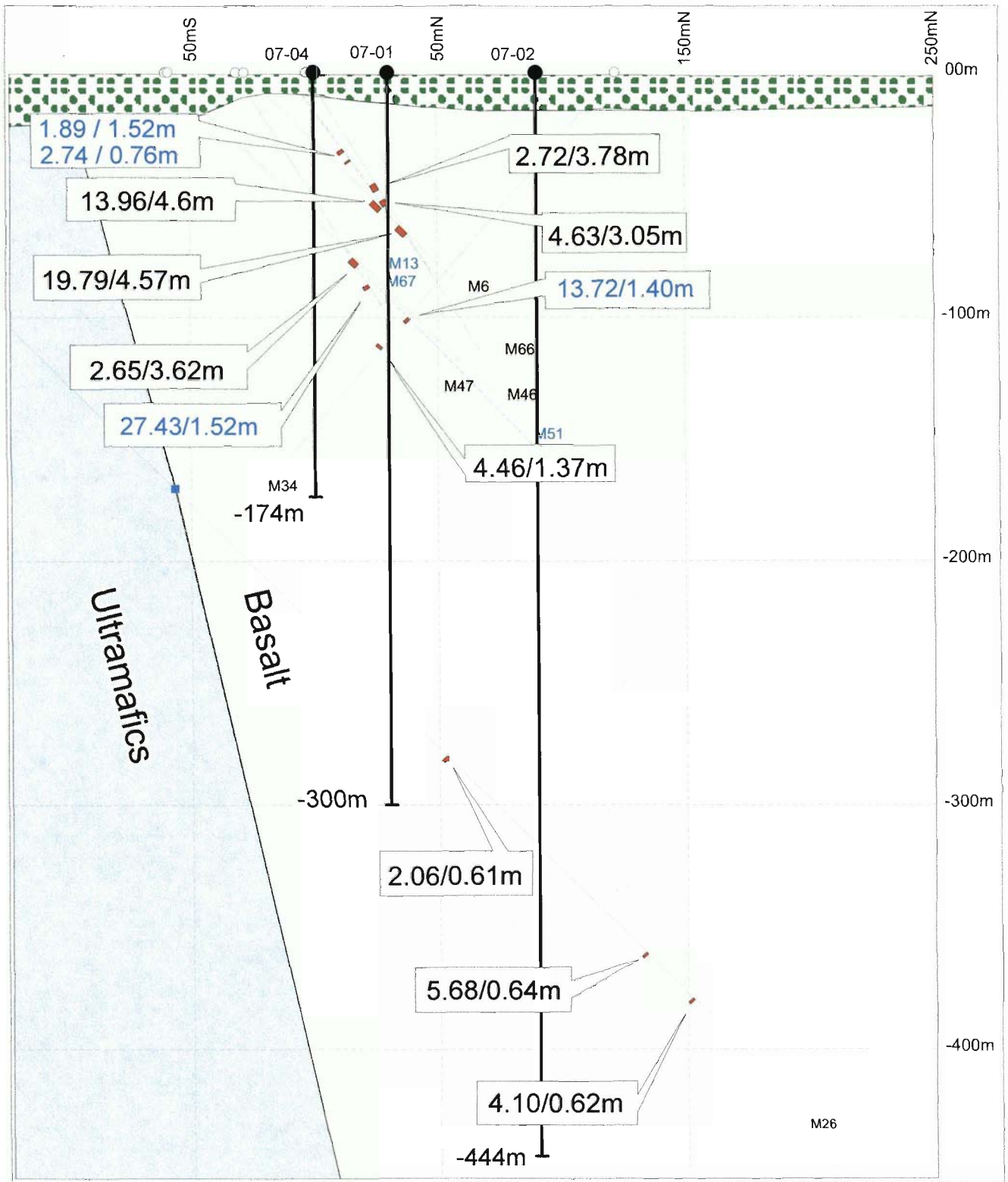
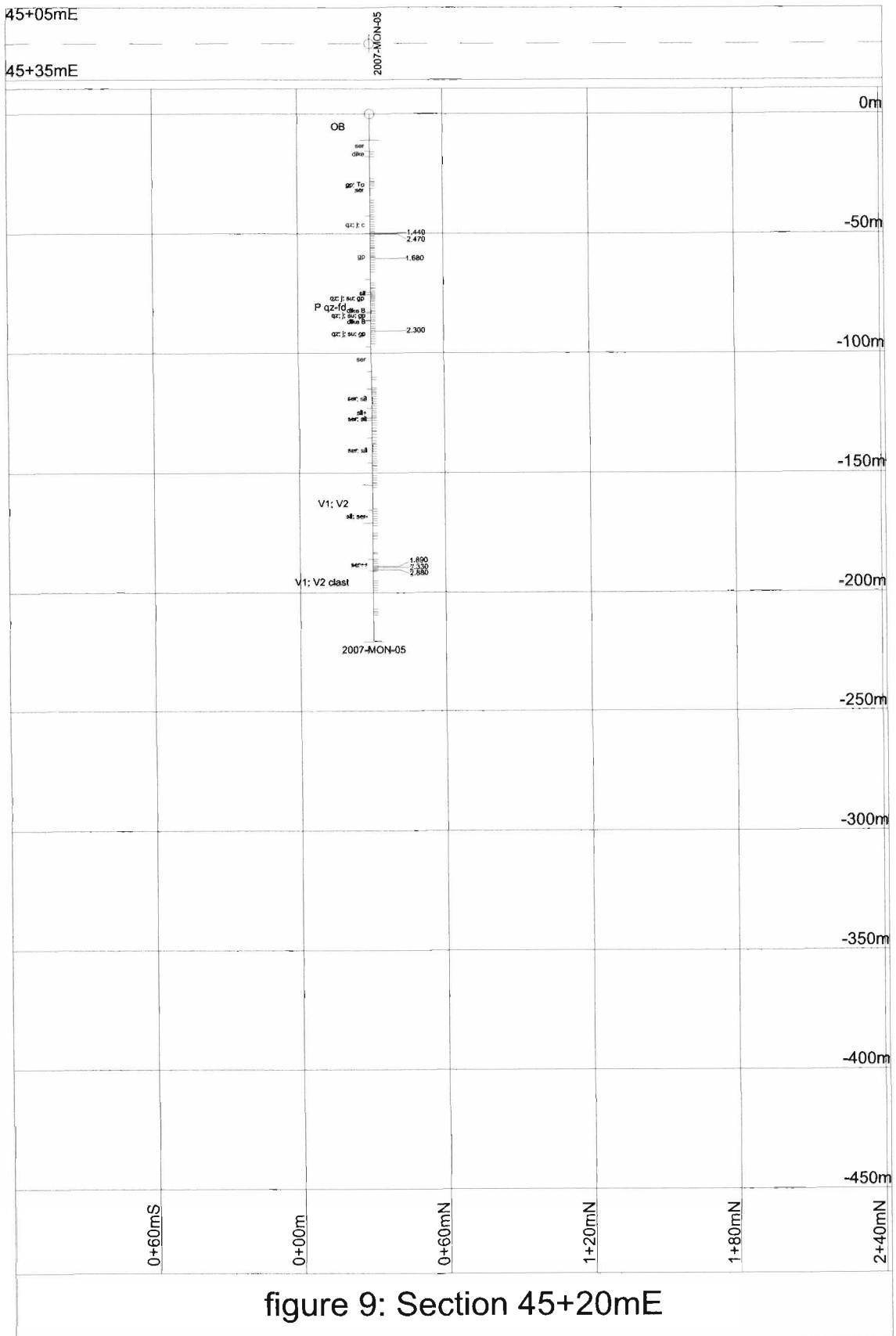


Figure 7 - DDHs 2007
 Montclerg Zone, Sections 4550mE to 4600mE



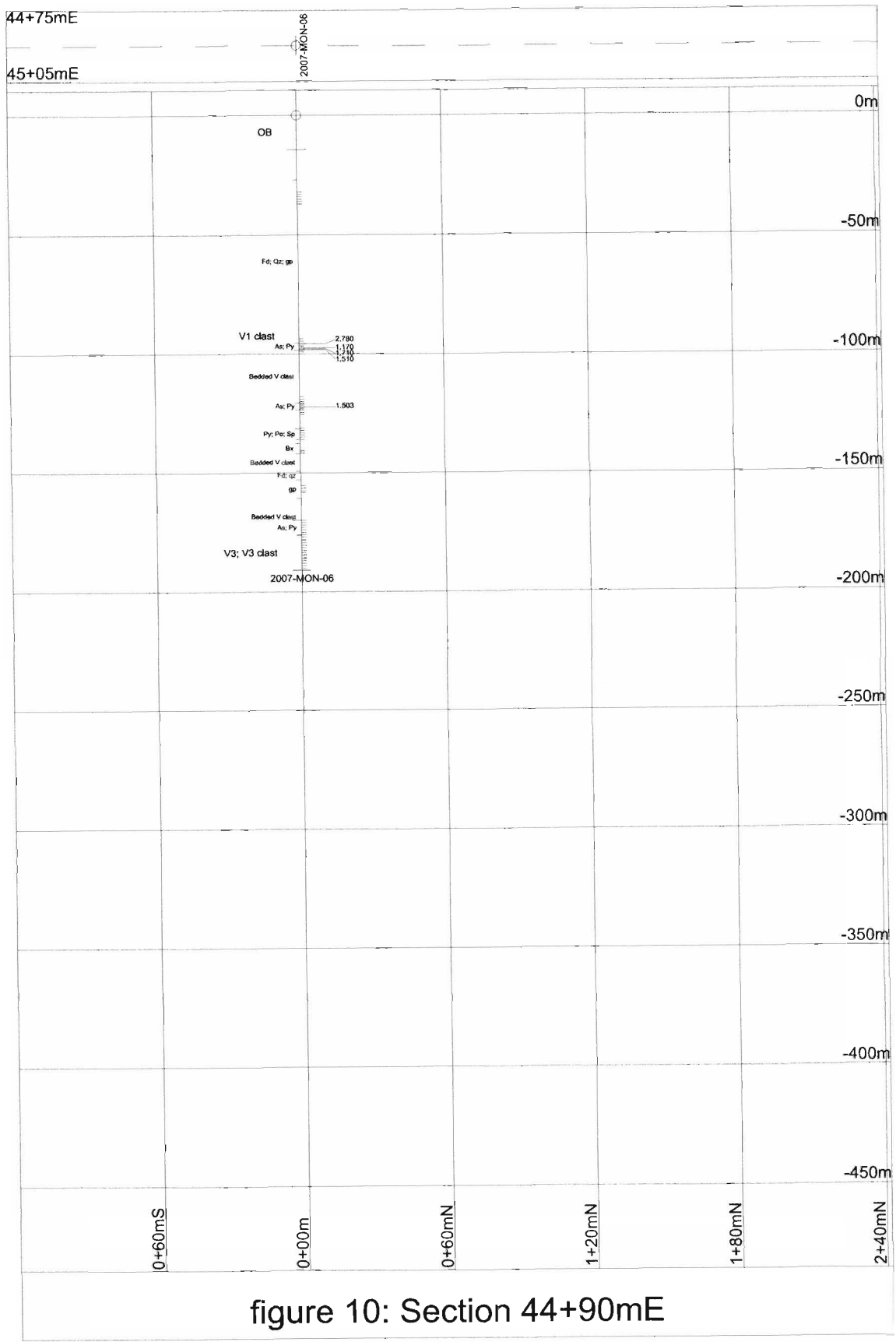


figure 10: Section 44+90mE

APPENDICE 2

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
0,00	13,75	OB					Overburden									
13,75	18,45	V2,clast					Dacitic fragmental rocks Fragments cm to pluri cm Qz eyes in the fragments Litho: 14.45 à 14.75 #E801508 With small fragments, no alteration Litho: 18.05 à 18.35 #E801509 Altered with small fragments									
		ser			13,75	18,45	Séricitization					14,20	90	10 mm	qz-j	
		dike Pqz-fd	15,80	16,50			Qz-Fd porphyritic dike. Contact 10° and 12° with core					14,45	50	5 mm	qz-j	
		dike Pqz-fd	17,15	17,45			Qz-Fd porphyritic dike following core axis Schistosity near the contact at 15 dike with core axis									
18,45	161,15	Pqz-fd					Qz-Fd Porphyry Cx qz and fd 1-3 mm, Black patches in the porphyry, black shale or amorphous tourmaline, lots of pyrite in those inclusions. Litho: 18.70 à 19.00 # E801503 Porphyry with black inclusions									
		To?/S4?py	18,45	22,50			. tr à 2% pyrite	D081001	19,00	20,00	1,00	0,008				
							. Idem	D081002	20,00	21,00	1,00	0,031				
							. idem	D081003	21,00	22,00	1,00	0,014				
							22.5 à 25.3 Porphyry without black inclusions or tourmaline without stringer									
							. Check	D081273	22,00	22,65	0,65	0,001				
							Litho: 22.65 à 22.95 # E801501 Whitout enclave and stringer porphyry									
		ser-			22,50	33,50	Light sericitization	D081274	22,95	24,00	1,05	0,001	23,53	30	5 mm	qz

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au grt	metre	Angle	Thick	Comp.
		(To?S4?)	25,30	31,00			Black inclusions or Tourmaline more diffuses, nearly stringering with trace or no py	D081275	24,00	25,00	1,00	0,001	23,95	70	2 mm	qz
								D081276	25,00	26,00	1,00	0,001	25,45	40	1 mm	qz
													25,75	20	.5 mm	qz
								D081277	26,00	27,00	1,00	0,001				
								D081278	27,00	28,00	1,00	0,001				
								D081279	28,00	29,00	1,00	0,005				
								D081280	29,00	30,00	1,00	0,001				
								D081281	30,00	31,00	1,00	0,008	30,08	48	3 mm	qz
							The 2 stringers at 30,55 and 32,32 are in 2 opposed directions	D081282	31,00	32,00	1,00	0,007	30,55	26	10 mm	qz-j
								D081283	32,00	33,00	1,00	0,001	32,32	60	2 mm	qz
													32,40	24	1 mm	qz
													32,82	70	2 mm	qz
		qz-j	33,00	33,69			After 33 metres, more qz stringers without or trace of pyrite	D081284	33,00	33,90	0,90	0,005	32,87	70	1 mm	qz
													33,20	70	15 mm	qz
													33,25	10	.5 mm	qz
													33,57	72	10 mm	qz-j
		Bx	33,69	33,88			Brecciated Zone may be the contact between 2 dikes of porphyry						33,70	80	15 mm	qz-j
													33,71	85	2 mm	qz-j
													33,72	78	1 mm	qz
							Contact, tr pyrite	D081004	33,90	34,40	0,50	0,004	33,94	70	1 mm	qz
							tr py 1% As de 34,60 à 34,80 px stringers qz 1-2 cm 50% qz on 20 cm, angle 50° - 65°	D081005	34,40	34,80	0,40	1,170	34,43	75	45 mm	qz
							Contact, tr pyrite tr As	D081006	34,80	35,40	0,60	0,071	35,00	55	10 mm	qz
													35,25	75	1 mm	qz
													35,35	45	2 mm	qz-c
								D081285	35,40	36,00	0,60	0,178	35,45	50	10 mm	qz
													35,53	55	10 mm	qz
													35,60	65	.5 mm	c
													35,84	75	.5 mm	qz
								D081286	36,00	36,90	0,90	0,001	36,35	45	.5 mm	c

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
												36,50	80	5 mm	qz	
												36,75	70	5 mm	qz	
												36,87	10	5 mm	qz	
		qz-j	33,69	42,20			. Many stringers qz, 60° at 80°, 2 mm to 1 cm . tr -2 % py from 38,00 to 38,16 m.	D081287	36,90	37,90	1,00	0,005	37,22	70	3 mm	qz
							Litho: 39.00 à 39.30 #E801504	D081007	37,90	38,40	0,50	0,018	37,47	55	5 mm	qz
							Weak alteration in séricite	D081288	38,40	39,00	0,60	0,001	38,26	70	5 mm	qz-j
							A lot of stringers from 39 metres, more wide 1-2 cm, tr py					38,75	65	5 mm	qz-j	
							. 20% Vqz, tr py from 39,35 to 40,84					38,79	65	1 mm	qz-j	
							. stringer 1 cm following the core for 1,5 metres					38,83	65	5 mm	qz-j	
							cut by others at 70°	D081008	39,30	40,35	1,05	0,007	39,73	80	3 mm	qz
		Py-As ser+	42,20	75,00			. from 42,20 m pyrite more regular					39,95	70	3 mm	qz	
					42,00	73,00	. Sericitisation more intense	D081289	40,35	41,15	0,80	0,001	39,98	70	10 mm	qz
							. 5% qz stringer 2%py 1% po	D081290	41,15	42,00	0,85	0,001	40,05	80	10 mm	qz
							. 5% qz stringer tr py po	D081009	42,00	43,00	1,00	0,011	40,19	80	20 mm	qz
							. 2% Py et Po. Tr As	D081010	43,00	44,00	1,00	0,056	42,30	15	10 mm	qz
							From 43,0 to 43,6 several qz small streaks 20° - 30°	D081011	44,00	44,60	0,60	0,561	42,60	50	30 mm	qz
							stringer 43,85 cut the 43,80 at 12°.					42,72	50	30 mm	qz	
							From 44 metres arsenopyrite appear,					42,81	60	5 mm	qz	
							From 44 to 44,6 many c streak parallel with CA					42,85	60	10 mm	qz	
							From 44,60 to 45,0 m, 15 stringer 1 cm,					43,80	12	5 mm	qz	
							60° - 80° with CA					43,85	70	10 mm	qz	
							. 60% stringers qz-c, 2% fine As and 1% Py-po	D081012	44,60	45,00	0,40	3,340	45,00	70	10 mm	qz-c-To
							. 5% stringere qz-c, 5% As 1% py-po	D081913	45,00	45,50	0,50	3,020	45,12	70	10 mm	qz
							. 5% As 2% Py 1%po	D081914	45,50	46,50	1,00	0,259	45,15	40	3 mm	qz
												45,30	30	5 mm	To	
												45,70	35	5 mm	qz-To	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au grt	metre	Angle	Thick	Comp.
							Litho: 46.50 à 46.80 #E801505									
							Porphyry with sericite alteration	D081291	46,80	48,00	1,20	0,015				
							. A few small stringer 5% As-Py	D081015	48,00	48,60	0,60	0,195				
							. Many small qz stringers 30° - 50° and streak of qz-to streak of qz-to 5-10% Py 1% As	D081016	48,60	49,60	1,00	3,840				
							. Tr - 2% Py-As, 1 qz stringer 1 cm	D081017	49,60	50,30	0,70	0,810				
							. Py streak 15°, small qz stringers	D081018	50,30	51,15	0,85	3,460				
							60° - 70° 5-10 % As-Py					51,63	60	3 mm	qz	
							. 3 small stringers of 3-4 et 8 mm, 2-3% Py-As	D081019	51,15	52,00	0,85	2,500	51,92	70	10 mm	qz
							. 2 small stringers of .5 and 3 mm, 2% Py As	D081020	52,00	52,85	0,85	1,680	52,75	70	3 mm	qz
							. A few qz stringers 1-10 mm, 53.15 to 53.30, tr-2%As	D081021	52,85	53,50	0,65	2,570	53,15	60	10 mm	qz
							. Tr As	D081022	53,50	54,00	0,50	0,790				
							. 2 small stringers 1 cm, 1 streak, tr-2% As	D081023	54,00	55,00	1,00	1,540	54,40	68	10 mm	qz
							Stringers at 54,45 is perpendicular to the one at 54,40					54,45	75	10 mm	qz-to	
							. Many qz streaks, 1 stringer of 1 cm, Tr-2 % As	D081024	55,00	56,00	1,00	0,377	55,10	50	1 mm	qz
												55,55	50	10 mm	qz	
							. Many stringers of 10-3-100-10 and 5 mm, 5% As	D081025	56,00	57,00	1,00	1,710	56,05	60	10 mm	qz
												56,15	75	100 mm	qz	
												56,28	50	10 mm	qz-j	
												56,40	50	10 mm	qz	
												56,48	60	10 mm	qz	
												56,75	50	10 mm	qz	
							. 7 small stringers, 5mm to 1 cm, one of 5 cm, 5%As	D081026	57,00	58,00	1,00	2,370	57,10	60	2 mm	qz
												57,20	70	10 mm	qz-j	
												57,30	50	15 mm	qz-j	
												57,50	55	2 mm	qz-j	
												57,77	70	10 mm	qz	
												57,80	60	2 mm	qz-j	
												57,87	65	50 mm	qz	
								D081239	58,00	59,20	1,20	0,224	58,05	90	1 mm	qz

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							59.0 to 73.0 sericite alteration . A few qz-j stringers, Tr à 3 % As Litho: 59.85 to 60.15 #E081506 Light mxion in As in the qz-fd porphyry	D081027	59,20	59,85	0,65	0,931	58,15	40	5 mm	qz
												58,66	85	1 mm	qz	
												58,77	70	5 mm	qz	
												58,86	75	15 mm	qz	
								D081240	60,15	61,00	0,85	0,389	59,34	80	10 mm	qz-j-As
												59,40	85	30 mm	qz-j-As	
												59,45	75	30 mm	qz-j-As	
												59,70	70	10 mm	qz-j-As	
								D081241	61,00	62,00	1,00	0,386	60,00	90	3 mm	qz-j
												60,86	80	10 mm	qz	
												60,97	85	2 mm	qz	
								D081028	62,00	63,00	1,00	2,060	61,23	80	4 mm	qz-j
												62,30	90	2 mm	qz-c	
												62,35	70	30 mm	qz-j-c	
												62,47	70	2 mm	qz-j	
												62,51	90	2 mm	qz-j	
												62,53	60	15 mm	qz-j	
												62,64	50	15 mm	qz-j	
												62,66	90	1 mm	qz-j	
												62,75	30	5 mm	qz	
								D081029	63,00	63,85	0,85	0,513	63,65	60	5 mm	qz-j
												63,74	80	5 mm	qz-j	
								D081242	63,85	65,05	1,20	0,444	64,17	90	2 mm	qz-j
												64,39	85	3 mm	qz-j	
												64,97	85	5 mm	qz-j	
								D081243	65,40	66,40	1,00	1,370	68,20	40	5 mm	qz-j
												68,25	80	20 mm	qz-j	
								D081244	66,40	67,50	1,10	1,230	68,30	60	10 mm	qz-j
								D081030	67,50	68,40	0,90	5,730	68,82	80	10 mm	qz-To
												68,68	70	5 mm	qz	
								D081031	68,40	69,20	0,80	3,430				

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
												68,98	60	10 mm	qz-j	
								D081245	69,20	70,00	0,80	0,573	69,40	70	5 mm	qz
												69,50	70	2 mm	qz	
												69,52	60	2 mm	qz	
												69,88	60	1 mm	qz-j	
								D081246	70,00	71,00	1,00	0,322	69,89	70	1 mm	qz-j
							. Tr Py-As	D081032	71,00	72,00	1,00	1,340	71,50	50	.5 mm	c-qz
												72,15	35	5 mm	qz	
							5 cm qz-c stringer , 2-5%Py, 5-8%As	D081033	72,00	73,00	1,00	2,430	72,20	35	5 mm	
								D081247	73,00	73,70	0,70	1,107	72,30	45	50 mm	qz-c
								D081248	73,70	74,40	0,70	0,163	72,70	Amas	200 mm	qz
							. A few small stringers, 5% Py, tr à 2% As	D081034	74,40	75,00	0,60	0,792	74,43	90	1 mm	qz
												74,48	90	1 mm	qz	
							From 74,80 to 74,95 many qz-c stringers + or - perpendicular to the core axis					74,53	90	3 mm	qz	
							Idem from 75,10 to 75,25					74,55	90	1 mm	qz	
							. 30% small qz-j-c stringers, py 2%. As 1%	D081035	75,00	75,60	0,60	0,291	74,60	60	5 mm	qz
		Py, Po	75,00	84,90			. 90% qz-c-To stringer, contact with py	D081036	75,60	76,20	0,60	0,425	75,30	80	150 mm	qz-c
							. stringer 10 cm, 5% de Py	D081037	76,20	76,80	0,60	0,311	75,90	80	450 mm	qz
												76,37	70	100 mm	qz	
												76,40	0	10 mm	qz-j	
												76,55	70	10 mm	qz	
												76,65	90	5 mm	qz	
												76,70	90	5 mm	qz	
												76,73	90	5 mm	qz	
							stringer at 76,78 is perpendicular to the one at 76,73					76,73	60	10 mm	qz	
							. A few small stringers , 5% de Py	D081038	76,80	77,40	0,60	0,026	76,78	60	15 mm	qz
												76,88	80	1 mm	qz	
							. A few small stringers, tr - 5% Py	D081039	77,40	78,00	0,60	0,320	77,36	85	40 mm	qz
							From 77,65 to 77,90 10 qz steaks, 70° - 80°					77,45	80	15 mm	qz	
												78,07	70	4 mm	qz	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							. Around 10 small qz stringers, Tr - 2 % Py	D081040	78,00	78,65	0,65	0,350	78,35	70	1 mm	qz
													78,50	70	1 mm	c-qz
													78,60	70	5 mm	qz-j
													78,70	60	20 mm	qz-j
													78,85	70	1 mm	qz
													78,97	20	5 mm	qz-j
							The stringer at 78,97 is perpendicular to the others									
							. One qz stringer 20 cm, 65°, contacts with po.	D081041	78,65	79,80	1,15	0,030	79,10	25	4 mm	qz-j
							and 6 small stringers, 60° - 70°, 1 mm to 2 cm and									
							3 small qz-fd stringers mm at 25° - 35°									
							. 2 qz-fd-j stringers of 2 - 3 cm at 60° - 70°	D081042	79,80	80,80	1,00	0,175	79,20	15	0,5 mm	qz-j
							and py and/or c streak									
							. 4 qz-fd-j-py stringers at 60° - 70°	D081043	80,80	81,30	0,50	0,174	79,55	65	21 cm	qz-j-po
							. 6 qz-fd-j-stringers, 60° - 70°, 2 mm - 2 cm and	D081044	81,80	82,80	1,00	0,011	79,74	55	1 cm	qz-j
							2 qz-fd streaks parallel to the core on 30 cm									
													80,00	52	5mm	qz-j-po
													80,40	67	3 cm	qz-j
													80,66	60	1 cm	qz-j
													80,76	65	2 mm	c-j
													80,83	70	5 mm	qz-j-c-py
													81,03	70	5mm	qz-j
													81,20	70	1 cm	qz-j
													82,02	65	2 cm	qz-j
													82,08	25	2 mm	qz-j
													82,12	5	1mm	qz-j
													82,14	80	3mm	qz-j-py-po
													82,30	70	2 mm	qz
													82,46	80	5mm	qz-j
													82,66	80	2 cm	qz-j
													83,04	70	3 mm	qz-j
													84,16	70	5 mm	qz-j
		Bx	84,90	85,10			Litho: 84.15 à 84.45 #E801507 Non altered porphyry Breccia	D081292	82,80	84,15	1,35	0,009				

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
		qz-j-to-c-Py	86,70	92,00			. 86.62 to 86.70 Porphyry clast in well py mineralized porphyry = 2 stages of porphyry From 86,80 Tourmaline in the stringers	D081293	84,45	85,20	0,75	0,001	84,86	55	5 mm	qz-j
														85,05	20	2 mm
							. Many qz-j streaks 1-3 mm, 50° - 70° and 2 qz-j stringers 3 and 5 mm, 5° and 25°	D081045	85,20	85,90	0,70	0,007	85,70	55	3 mm	qz-j
							. 6 qz-j stringers, 60° - 70°, 1 mm at 1.5 cm	D081046	85,90	86,60	0,70	0,007	85,72	50	2 mm	qz-j
							. 1 qz-j-to-py stringer de 1 cm at 25° and one minute qz-po stringer, 1mm at 45 degree perpendicular Senestral displacement	D081294	86,60	86,90	0,30	0,001	85,75	25	2 mm	qz-j
								D081047	86,90	87,90	1,00	0,008	85,96	55	2 mm	j-qz
													85,99	70	5 mm	qz-j-c
													86,10	70	1 mm	qz-j
													86,18	64	1 mm	qz-j
													86,25	73	1 mm	qz-j
													86,43	72	1,5 cm	qz-j
													86,51	70	1,0 cm	qz-j
													87,05	25	1,0	qz-j-to
													87,68	50	5 mm	to
													87,80	20	2 mm	qz-j
													87,85	45	1 mm	po
													88,58	58	2 mm	qz-j
								D081295	87,90	88,70	0,80	0,001	89,03	50	5 mm	qz-j
								D081296	88,70	89,50	0,80	0,021	89,05	50	5 mm	qz-j-c
							. stringer cut by fracture at 75°	D081297	89,80	90,80	1,00	0,007	89,42	60	4 mm	qz-j
							Litho: 89.50 à 89.80 #E801510	D081298	90,80	92,00	1,20	0,001	89,45	68	1 cm	qz-j
							Non altered porphyry						89,45	68	1 cm	qz-j
		Po,Sp	92,00	93,00			. 1 qz-j-c-po-sp stringer 10 cm at 10°	D081048	92,00	93,00	1,00	0,007	89,83	70	1 mm	qz-j
		Vq-j-c-to	93,00	101,50			. Po sp	D081049	93,00	93,50	0,50	0,004	89,93	70	1 mm	qz-j
								D081299	93,50	95,00	1,50	0,005	91,22	40	1 mm	qz-j
								D081050	95,00	95,70	0,70	0,009	96,07	60	2 mm	qz-j
							. 2 qz mm stringers with As for 20 cm to the contact	D081051	95,70	96,30	0,60	1,170	96,08	60	5 mm	qz-j
													96,45	70	2 cm	qz-j-po

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							. 1 stringer of 2 cm with po in the stringer and tr as in the porphyry	D081052	96,30	97,00	0,70	0,020	97,15	5	2 mm	qz-j-py
							. 2 qz-j-py-po stringers of 2 mm at 5° and 10° cut by one stringer of 5 mm at 60°	D081053	97,00	98,00	1,00	0,072	97,25	60	5 mm	qz-j
								D0811301	97,35				97,35	10	2mm	qz-j
								D081054	97,90				97,90	10	2mm	qz-j
							. 1 stringer, 8° cut by one stringer at 55° without displacement	D081302	98,00	99,00	1,00	0,001	99,20	8	1 cm	qz-j-c-to
								D081055	99,00	100,00	1,00	0,015	99,38	55	1cm	qz-j
							. 1 qz-py-sp stringer of 4 mm following the core for 30 cm	D081302	100,00	100,80	0,80	0,001				
								D081055	100,80	101,50	0,70	0,009	100,90	60	6 mm	qz-j
								D081303	101,15				101,15	8	4 mm	qz-j-c-to
								D081304	101,50	102,50	1,00	0,007				
								D081304	102,50	103,50	1,00	0,001	104,00	45	1 mm	qz-j
								D081305	103,50	104,50	1,00	0,001	104,53	45	2 mm	qz-j
								D081306	104,50	106,00	1,50	0,007	104,53	45	2 mm	qz-j
		ser			100,50	112,80	Moderate sericitization						105,30	10	.2 mm	c
													105,42	45	2 mm	qz-j
													107,80	50	.5 mm	qz
													107,90	25	.5 mm	qz
							. From 106,85 to 107,12 grey porphyry	D081307	106,00	107,00	1,00	0,096	108,05	45	1 mm	qz-j
							stringer at 109,27 perpendicular to stringer at 109,17	D081308	107,00	108,40	1,40	0,001	109,17	45	.2 mm	qz-j
													109,27	40	10 mm	qz-j
													109,30	70	2 mm	c-po
													109,33	35	2 mm	qz-j-c
								D081056	108,40	109,00	0,60	0,010	110,15	70	10 mm	qz-j
							. Many stringers with py-po-as tr à 2%	D081057	109,00	109,50	0,50	0,314	110,18	65	5 mm	qz-j
								D081058	109,50	109,90	0,40	0,043	110,67	60	.5 mm	qz-j
							. Many stringers with py-po-as tr à 2%	D081059	109,90	110,50	0,60	0,278	110,75	60	5 mm	qz-j
							. Many stringers no sulphide	D081060	110,50	111,00	0,50	0,015	110,80	60	5 mm	qz-j-c
													110,86	50	3 mm	qz-j-cz
								D081309	111,00	112,00	1,00	0,005	111,26	60	.2 mm	qz-j
								D081310	112,00	112,90	0,90	0,013				

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							. Many stringers with As to the contacts	D081067	127,00	128,00	1,00	1,850	127,00	45	1 mm	qz-j-c
													127,30	70	4 mm	qz-j
													127,63	60	3 mm	qz-j
													127,79	80	2 mm	qz-j
													127,87	70	2mm	qz-j
													127,98	65	1 mm	qz-j
							. 40 % qz-j stringers with fine py-as in the contacts	D081068	128,00	128,65	0,65	5,620	128,05	70	10 mm	qz-j
													128,10	70	10 mm	qz-j
													128,15	70	30 mm	qz-j
													128,30	70	135 mm	qz-j
													128,36	80	10 mm	qz-j
													128,43	70	15 mm	qz-j
													128,54	70	10 mm	qz-j
													128,57	70	20 mm	qz-j
							. 40 % qz-j stringers with fine py-as in the contacts streak po	D081069	128,65	129,30	0,65	4,870	128,65	60	20 mm	qz-j
													128,90	65	225 mm	qz-j
													129,13	75	2 mm	qz-j
													129,26	60	25 mm	qz-j
													129,23	40	1 mm	po
							. Many stringers on 10 cm with py-As	D081070	129,30	130,00	0,70	0,471	129,73	70	100 mm	qz-j
							. from 130,18 to 130,45 many qz-j-py-as stringers	D081071	130,00	130,70	0,70	1,580	130,18	55	20 mm	qz-j
													130,28	35	40 mm	qz-j-py
													130,34	75	6 mm	qz-j
													130,35	40	4 mm	qz-j
													130,39	55	30 mm	qz-j
													130,42	60	8 mm	qz-j
													130,56	65	2 mm	qz-j
													130,58	65	2 mm	qz-j
													130,61	60	6 mm	qz-j
							. A few stringers, tr - 2 % py-As	D081072	130,70	131,40	0,70	1,170	130,96	65	.2 mm	qz

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							. Many stringers, one with py-po-sp- Fine py and as around 10% in the porphyry	D081073	131,40	131,90	0,50	2,400	131,02	60	4 mm	qz-j
													131,19	65	.1 mm	qz-j
													131,27	60	6 mm	qz-j
													131,52	50	15 mm	qz-j
													131,57	60	15 mm	qz-j
													131,60	60	5 mm	qz-j-py-po-sp
													131,65	60	20 mm	qz-j
													131,70	50	2 mm	qz-j
													131,71	65	1 mm	qz-j
													131,73	65	1 mm	qz-j
													131,74	65	1 mm	qz-j
													131,75	65	2 mm	qz-j
								. Many stringers from 131,98 to 132,40 avec coarse py contact and fine py-as 10% in the porphyry	D081074	131,90	132,50	0,60	4,700	131,80	65	4 mm
													131,85	58	15 mm	qz-j
													131,93	50	20 mm	qz-j
													132,20		420 mm	qz-j-py
							. Many qz-j stringers						132,42	45	4 mm	qz-j
													132,48	45	6 mm	qz-j
								D081075	132,50	133,00	0,50	2,700	132,61	55	.5 mm	qz-j
													132,63	55	5 mm	qz-j
													132,70	60	8 mm	qz-j
							. A few stringers and many streak						132,84	65	.5 mm	qz-j
													132,93	45	2 mm	qz-j
													132,96	50	6 mm	qz-j
								D081076	133,00	133,50	0,50	5,040	133,05	50	3 mm	qz-j
													133,12	60	1 mm	qz-j
							. A few stringers						133,25	45	1 mm	qz-j
													133,33	50	15 mm	j-qz
								D081077	133,50	134,00	0,50	1,410	133,76	55	6 mm	qz-j
												133,82	25	1 mm	qz-j	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION					STRINGERS DESCRIPTION			
From	To		From	To	From	To		#	From	To	Length	Au grt	metre	Angle	Thick	Comp.
							stringer at 133,82 cut the one before						133,82	55	1 mm	qz-j
													133,87	55	3 mm	qz-j
								D081078	134,00	134,50	0,50	0,040	135,42	90	1 mm	qz-j
								D081079	134,50	135,00	0,50	0,025	134,50	10	5 mm	qz-j
							One streak at 10° cut one other at 90°	D081080	135,00	136,00	1,00	0,024	136,10	60	5 mm	qz-j
													136,15	50	8 mm	qz-j-py
							Many stringers, tr - 2 % py-As	D081081	136,00	136,50	0,50	0,760	136,21	60	30 mm	qz-j-py
													136,30	60	25 mm	qz-j
													136,41	50	2 mm	qz-j
													136,54	75	5 mm	qz-j
													136,57	70	1 mm	qz-j
							Many stringers = 20% of the core 5% Py-As in the porphyry	D081082	136,50	137,00	0,50	1,950	136,60	75	10 mm	qz-j
													136,64	75	2 mm	qz-j
													136,67	70	15 mm	qz-j
													136,83	60	40 mm	qz-j
													136,87	55	2 mm	qz-j
													136,90	60	20 mm	qz-j
													137,08	55	1 mm	qz-j
													137,14	60	1 mm	qz-j
							A few stringers, py-as tr à 2 % From 137,35 to 137,50 broken core	D081083	137,00	137,50	0,50	0,577	137,20	60	3 mm	qz-j
													137,28	50	1 mm	qz-j
													137,33	60	10 mm	qz-j
													137,36	55	5 mm	qz-j
							Tr sulphide	D081084	137,50	138,00	0,50	1,130	138,15	55	1 mm	qz-j
							A few stringers, tr - 2 % py-As	D081085	138,00	138,50	0,50	0,882	138,18	50	1 mm	qz-j
													138,25	65	2 mm	qz-j
													138,30	65	5 mm	qz-j
													138,38	55	10 mm	qz-j
													138,48	60	20 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION					STRINGERS DESCRIPTION			
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
			138,72	161,15			. A few stringers, tr - 1 % py-As Grey porphyry non altered with qz-j stringers more wide Not a lot of sulphide associated with theses stringers Contact at 138,72 follow a qz stringer . A few stringers, tr of sulphide	D081086	138,50	139,00	0,50	0,326	138,60	60	1 mm	qz-j
												138,67	80	2 mm	qz-j	
												138,72	80	10 mm	qz-j	
												138,75	70	1 mm	qz-j	
												138,84	65	30 mm	qz-j	
												138,89	55	20 mm	qz-j	
							. A few stringers, tr of sulphide	D081087	139,00	139,50	0,50	0,035	139,14	55	.5 mm	qz-j
												139,23	60	1 mm	qz-j	
								D081258	139,50	140,05	0,55	0,205	139,36	55	3 mm	qz-j
								D081259	140,05	140,75	0,65	0,333	139,40	55	8 mm	qz-j
							. A few stringers, tr - 3 % py-As	D081088	140,75	141,25	0,50	1,230	140,70	70	2 mm	qz-j
												140,98	55	2 mm	qz-j	
												141,05	35	20 mm	qz-j	
												141,08	80	3 mm	qz-j	
												141,13	90	4 mm	qz-j	
												141,20	75	20 mm	qz-j	
							. 141,60 to 141,80 qz-j-c stringer with bleb of py. Fine py-as at the contact	D081089	141,25	141,95	0,70	2,430	141,41	75	20 mm	qz-j
												141,70	35	140 cm	qz-j-c-py	
							. tr py-As	D081090	141,95	142,50	0,55	0,435	141,92	50	2 mm	qz-j-c-py
												142,16	50	.5 mm	qz-j-c	
							. Many stringers, nit -tr sulphide	D081091	142,50	143,00	0,50	0,104	142,43	55	1 mm	qz-j
												142,60	55	30 mm	qz-j-py	
												142,75	55	30 mm	qz-j	
												142,88	35	10 mm	qz-j-c	
							. A few stringers, tr sulphide	D081092	143,00	143,50	0,50	0,151	143,10	65	3 mm	qz-j
												143,30	40	10 mm	qz-j	
												143,38	40	2 mm	qz-j	
												143,47	35	2 mm	qz-j	
								D081260	143,50	144,45	0,95	0,041	143,93	60	2 mm	qz-j
												144,06	60	1 mm	qz-j	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION					STRINGERS DESCRIPTION			
From	To		From	To	From	To		#	From	To	Length	Au grt	metre	Angle	Thick	Comp.
												144,13	60	2 mm	qz-j	
												144,16	60	3 mm	qz-j	
												144,21	60	4 mm	qz-j	
												144,32	60	2 mm	qz-j	
								D081261	144,45	145,25	0,80	0,019	144,70	45	.5 mm	qz-j
												144,90	65	.5 mm	qz-j	
												145,03	50	2 mm	qz-j	
												145,13	60	5 mm	qz-j	
								D081093	145,25	146,60	1,35	0,099	145,33	50	2 mm	qz-j
												145,38	50	6 mm	qz-j	
												145,46	45	2 mm	qz-j	
												145,50	40	1 mm	qz-j	
												145,70	35	50 mm	qz-j	
												145,90	35	20 mm	qz-j	
												145,98	50	20 mm	qz-j	
												146,15	45	40 mm	qz-j	
												146,30	40	30 mm	qz-j	
												146,35	60	2 mm	qz-j	
												146,38	60	2 mm	qz-j	
												146,40	60	2 mm	qz-j	
												146,45	60	2 mm	qz-j	
												146,42	20	1 mm	qz-j	
												146,48	65	5 mm	qz-j	
												146,56	70	2 mm	qz-j	
								D081094	146,60	147,30	0,70	0,028	146,60	70	5 mm	qz-j
							. A few stringers					146,85	80	2 mm	qz-j	
												147,13	80	10 mm	qz-j	
							. A few stringers	D081095	147,30	148,40	0,70	0,018	147,32	35	100 mm	qz-j
												147,37	80	3 mm	qz-j	
												147,41	80	4 mm	qz-j	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION					STRINGERS DESCRIPTION								
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.					
284,25	300,00	V4					. 2 qz-j stringers perpendicular to the foliation 25° with CA	D081113	279,40	280,10	0,50	0,011	279,75	50	50 mm	qz-j					
							. 3 stringers perpendicular to the foliation, 10 % py	D081114	280,10	280,75	0,65	0,116	279,97	55	15 mm	qz-j-c					
													280,10	75	60 mm	qz-j					
													280,40	55	20 mm	j-qz					
													280,55	80	90 mm	qz-j					
							. 1 stringer perpendicular to the foliation, 5-10% py	D081115	280,75	281,75	1,00	0,074	281,05	35	20 mm	qz-j					
							. 1 qz-j stringer perpendicular to the foliation, tr-2% py	D081116	281,75	282,30	0,55	0,127	281,85	40	25 mm	qz-j					
							. Many stringers perpendicular to the foliation One with a low angle with CA and till 5% py	D081117	282,30	283,80	1,50	0,030	282,55	45	5 mm	qz-j					
													282,62	45	8 mm	qz-j					
													282,95	60	30 mm	qz-j					
													283,28	50	10 mm	qz-j					
													283,52	70	20 mm	qz-j-c					
													283,56	15	4 mm	qz-j-py					
													283,61	70	4 mm	qz-j					
													283,75	60	5 mm	qz-j-c					
													283,82	65	10 mm	qz-jc					
													283,85	60	15 mm	qz-j					
													284,00	33	3 mm	qz-j					
													284,07	55	20 mm	qz-j					
						Ultramafic rock, probably lava Sometime black argilite in the ultramafic Few qz-j stringers till 291 metre no mineralization Every 1,5 metres has 1 or 2 stringers with an angle with the core axis most of the time over 60 and perpendicular to the foliation at 25° - 35° From 291 to 300 metres nearly no qz-j stringers Litho: 299,13 à 299,43 # E801530 Ultramafic rock					284,70	90	5 mm	qz							
											285,75	90	100 mm	qz-j							
											287,87	50	5 mm	qz-j							
											288,00	30	40 cm	qz-j							
											288,10	60	5 mm	qz-j							
											288,25	15	5 mm	qz-j							
											288,74	60	20 mm	qz-j							
											289,18	80	10 mm	qz-j							

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION			
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick
300.00		EOH					END OF THE HOLE Casing in place with a cap 67 boxes 188 samples taken for Gold assays for 161.95 metres 31 samples for litho					289,33	80	35 mm	qz-j
												290,20	80	40 cm	qz-j-c
												293,19	80	8 mm	qz-j
												293,24	80	20 mm	qz-j
												294,75	50	20 mm	j-qz
												294,77	80	10 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION						
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.		
0,00	14,43	OB					Overburden From 14,20 to 14,43 boulders											
14,43	163,13	3 Mas pillow pillow	36,00	55,72			Basaltic lava massive and pillows Light grey to light light green depending of the alteration Pillows well visible from 36 metres hyaloclastic material between pillows From 48 to 51 m, small pillows Breccia between pillows and/or flow from 42,34 to 42,86 and from 43,75 to 44,15 m 44,15 m, contact between breccia and massiv flow, 12 ° with CA, clear contact, top could be to the end of the hole Many qz, qz-j, j-qz streaks and stringers 20° -70 ° with CA Most of time barren Highfracturing zone from 23,9 to 25,65 m and from 27,42 to 27,60 m Low to medium sericite alteration Litho 19,20 - 19,50 #E801531 massive without streak Sulphide associated to the stringers . Check 5 stringers 0.5 - 5 cm . Check a few streaks + or - parallel to the core axis Litho: 30,70 - 31,00 #E801532 massive without stringer . Check a few stringers mm around 60° with CA and tr py . 10 % qz-j clusters at 15° with CA, tr py . Many stringers 0.5-1 cm 70° - 80° and 1 at 10° with CA, tr pyrite . Check A few stringers cm, high angle with CA Litho: 37,45 - 37,75 #E801533 Center of a pillow from 36,30 to 38,82 . Check 1 stringer, 1 cm at 80 ° with CA, no su	D081118	19,50	21,00	1,50	0,001						
								D081119	25,65	27,00	1,35	0,006						
								D081120	33,00	34,00	1,00	0,001						
								D081121	34,00	34,60	0,60	0,013						
								D081122	34,60	35,30	0,70	0,001						
								D081123	35,30	36,00	0,70	0,001						
								D081124	44,40	45,00	0,60	0,001						

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION						
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.		
							Contact at 88,00 m following a qz vein 10 cm 48° at 87,90 and 60° at 88,00 m Clear contact at 91,20 m following an hyaloclastic unit The pillowed units lood like more acidic, more whitish than the massive units Litho: 91,35 - 91,65 #E810538 Massive part massive in small pillows Massive basalt light to medium grey, carbonate streak Litho: 94,20 - 94,50 #E810539 massive unit Very big pillowed basalt with hyaloclastic material from a few cc to 15 cm Epidotization of the center of a pillow at 101,80 m From 112,95 to 113,23 veins From qz blanc srérite to 0 Fromgree Litho: 106,80 - 107,10 #E810540 massive part of a big pillow . A few stringers mm, high angle with CA, tr py . Many stringers, tr - 2 % py . 4 or 5 streaks , tr py Many epidotized center of pillows. Litho: 124,20 - 124,50 #E810541 massive part from a pillow with mafic and felsic cristals Always grey basalt with big pillows and hyaloclastic material and breccia between pillows but here a lot of small variolites in the frange of the pillows in the former and later units there's always a few very small variolites Litho: 139,54 - 139,84 #E810542 Variolites level Always pilowed basald with least variolites than the former unit											
		mas	91,20	101,33														
		pillow	101,33	133,00														
		pillow var	133,00	141,00														
		pillow	141,00	163,13														
								D081131	109,50	110,05	0,55	0,610						
								D081132	110,05	111,00	0,95	0,971	110,10	45	50 mm	qz-j		
													110,17	70	2 mm			
													110,40	60	5 mm			
													110,43	60	10 mm			
													110,52	55	5 mm			
													110,65	30	2 mm			
													110,70	35	5 mm			
													110,81	90	3 mm			
													110,90	40	2 mm			
													110,97	55	2 mm			
								D081133	111,00	116,60	0,60	0,060						

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
												165,55	55	8 mm	qz-j	
												165,84	65	1 mm	qz-j	
												165,90	70	1 mm	qz-j	
												166,25	65	1 mm	qz-j	
												166,30	65	1 mm	qz-j	
							. 6 qz-j streaks, less than 1 mm, 45° - 55° with CA Tr py	D081142	166,50	168,00	1,50	0,019				
							. 3 black argillite and/or tourmaline with pyrrhotine stringers less than 1 mm 55° with CA and 5 qz stringers and streaks 55-65° with CA	D081143	168,00	168,80	0,80	0,046				
							. 1 black argillite or to with po streak and 1 qz streak both at 15° with CA	D081144	168,80	169,80	1,00	0,014				
							. 1 qz-j stringer at 20°, 1.5 cm and argillite gp streaks at low angle.	D081145	169,80	170,80	1,00	0,013				
							. Black argillite with 10% de po enclave 1 cm by 15 cm. 1 qz vein 2.0 cm at 55° cut by a chlorite stringer of 2 mm also also at 55° with CA., 2 - 3 % po. tr py. Photos # 1718 et 1719	D081146	170,80	171,75	0,95	0,079				
							. Mafic fragments from 171.95 to 172.15 m with po and qz stringers with tr py.	D081147	171,75	173,00	1,25	0,011	172,44	65	6 mm	qz-j
							. 4 streaks less than 1 mm-2 mm, 50° - 60° with CA	D081148	173,00	173,75	0,75	0,023	172,50	20	3 mm	qz-j
							. Many qz-j stringers and clusters, tr py	D081149	173,75	174,90	1,15	0,008	173,78	55	4 mm	qz-j
							Many others streaks 55 - 70° with CA: no description					173,83	55	20 mm	qz-j	
							25% quartz					173,85	70	8 mm	qz-j	
												174,00	73	4 mm	qz-j	
												174,10	55	10 mm	qz-j	
												175,14	70	6 mm	qz-j	
												175,19	50	3 mm	qz-j	
												175,33	50	15 mm	qz-j	
												175,70	cluster	150 mm	qz-j	
												175,80	70	5 mm	qz-j	
							. Many streaks 1 - 2 mm with high angle fort with CA and 2 stringers	D081150	174,90	176,10	1,20	0,006	176,17	70	10 mm	qz-j
												175,60	45	15 mm	qz-j	
							. Many other streaks 1 mm with high angle	D081151	176,10	177,00	0,90	0,013	176,38	60	30 mm	qz-j
												176,54	58	8 mm	qz-j	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							From 226.80 to 231.00 small fragments well visible tr pyrite	D081175	219,00	220,50	1,50	0,006	219,10	30	4 mm	qz-j
							. check High silicification	D081176	220,50	222,00	1,50	0,015	219,11	30	2mm	qz-j
							Silicification and many stringers	D081177	222,73	223,80	1,07	0,663	222,80	25	2 mm	qz-j
							From 222.95 to 223.50 stringer at 10° follows the core for 55 cm. tr pyrite					222,86	60	2 mm	qz-j	
												222,89	60	5 mm	qz-j	
												223,30	10	5 mm	qz-j	
												223,63	65	15 mm	qz-j	
												223,68	45	5 mm	qz-j	
							Many stringers in high silicification. Fine py	D081178	223,80	224,63	0,83	1,750	223,80	55	10 mm	qz-j
												224,12	50	2 mm	qz-j	
												224-23	90	1 mm	j	
												224,38	70	10 mm	qz-j	
												224,44	70	2 mm	qz-j	
												224,52	60	10 mm	qz-j	
							Litho: 225.48 - 245.78 # E801548									
							High silicification									
							Litho: 228.28 - 228.58 #E801549									
							Sericitization									
							. Check no stringers but silicification	D081179	236,80	237,30	0,50	0,011				
							. 4 stringers tr de py. High silicification	D081180	237,30	237,80	0,50	0,022	237,32	80	2 mm	qz-j
												237,50	70	3 mm	qz-j	
												237,65	10	5 mm	qz-j	
												237,78	15	2 mm	qz-j	
							. A few qz-j streaks of 1mm high angle with CA	D081181	237,80	239,00	1,20	0,006	238,01	50	3 mm	qz-j
							and one qz-gp-hé streak 2 mm low angle with CA					238,50	15	2 mm	qz-gp-hé	
							. A few streaks. Silicification	D081182	239,00	240,00	1,00	0,009	238,32	cluster	10 mm	qz-j
												238,62	65	2 mm	qz-j	
												238,68	55	4 mm	qz-j	
												238,84	25	1 mm	qz-j	
							. A few qz-j streaks with pyrite in the country rock	D081183	240,00	240,50	0,50	0,007				
							. Many streaks 20° - 30° and 70-90°. Py in country roc	D081184	240,50	241,00	0,50	0,055	240,95	60	6 mm	qz-j
							. Many qz-j streaks high angle and 1° at 10°, 1 mm	D081185	241,00	242,25	1,25	0,001				

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							From 268.00 to 271.10 volcaniclastite without fragme Tuf . Many stringers in this unit. More green color Clear Contact at 268.00, 35° with CA following the foliation Check . Many stringers tr py streaks & pyrite jusqu'à 1% From 271.10 to 277.00 Volcaniclastite with qz and/or cherty fragments Fragments from 1 mm to 6-7 cm. Generally around a few mm to 1 cm . Tr - 2% pyrite . Check . Tr - 1% pyrite. A few mm stringers high angle From 277.00 to 285.90 Fine volcaniclastite with quartz eyes Always sericite alteration, less silicification. Green . Many streaks 2-3 mm, high angle with CA, tr AsPy . Many less than 1 mm streaks. l qz stringer 2.5 cm 75° with CA, tr à 1% py . 2 qz-j-to stringers, no sulphide Litho: 285.50 - 285.80 # E801552 Quartz eye volcaniclastite From 285.90 to 286.30 altered aplitic dike Contact at 285,90 at 13° with CA and at 286,30 broken After 286,30, same unit as before the dyke	D081195	268,00	269,15	1,15	0,009	268,31	75	10 mm	qz-j
												268,41	80	15 mm	qz-j	
												268,62	55	4 mm	qz-j	
												268,75	40	20 mm	qz-j	
												268,82	70	5 mm	qz-j	
												268,87	70	25 mm	qz-j	
												269,07	55	5 mm	qz-j	
							D081196	269,15	270,00	0,85	0,141	269,82	85	8 mm	qz-j	
							D081197	270,00	270,65	0,65	0,164	270,00	85	4 mm	qz-j	
												270,09	65	3 mm	qz-j	
												270,22	55	45 mm	qz-j	
												270,38	60	10 mm	qz-j	
												270,46	65	8 mm	qz-j	
												270,65	55	75 mm	qz-j	
							D081198	270,65	271,85	1,20	0,083	270,87	85	1 mm	qz-j	
												271,12	85	1 mm	qz-j	
												271,72	65	1 mm	qz-j	
							D081199	271,85	274,10	2,25	0,086					
							D081200	274,10	275,70	1,60	0,173					
							D081201	275,70	276,85	1,15	0,089					
							D081202	276,85	277,95	1,10	0,489					
							D081203	277,95	279,35	1,40	0,025					
							D081204	280,70	281,40	0,70	0,018	280,95	50	15 mm	qz-j-to	
												281,22	30	10 mm	qz-j-to	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							1725- 71.90 at 72.10 silicified graphite 1724- 71.05 at 71.25 contact between graphite and chert 1723- 72.40 at 72.60 net contact 1722- 73.90 at 74.15 smalls blacks fragments 1728- left side of the box 1729- middle of the box 1730- end of the box Litho: 70.85 - 71.15 #E801569 chert									
							. Silicified gp material. Missing 35 cm in this section . 3 stringers	D081368	71,15	72,10	0,95	0,001	72,28	70	8 mm	qz-j
								D081369	72,10	72,72	0,62	0,001	72,56	55	4 mm	qz-j
							. Many gp streaks and qz-j stringers.	D081370	72,72	73,60	0,82	0,001	72,58	45	2 mm	qz-j
												72,92	75	3 mm	qz-j	
							. Gp fragments and streaks and qz-j stringers, tr py	D081371	73,60	75,00	1,40	0,001	73,21	55	2 mm	qz-j
												73,24	55	2 mm	qz-j	
							. A few qz stringers The stringer at 70° cut the 2 others	D081372	75,00	76,50	1,50	0,001	73,67	70	2 mm	qz-j
												74,35	65	1mm	qz-j	
												74,40	60	2 mm	qz-j	
								D081373	76,50	77,55	1,05	0,001	75,37	50	6 mm	qz-j
												75,38	70	3 mm	qz-j	
												75,40	48	1 mm	qz-j	
												76,08	45	3 mm	qz-j	
												75,62	55	1 mm	qz-j	
												75,65	55	3 mm	qz-j	
												75,75	50	1 mm	qz-j	
							Litho: 77.55 - 77.85 #E801570 Alteration in silica and sericite	D081374	77,85	78,60	0,75	0,144	78,03	65	2 mm	qz-j
							. Silica fragments and 2 stringers					78,53	55	1 mm	qz-j	
							. Many qz-j stringers. Quartz and chert fragments	D081375	78,60	79,75	1,15	0,013	78,64	70	5 mm	qz-j
							From 78,90 to 79,40 a more silicious or cherty level with many qz-j stringers at high angle with CA					78,68	60	4 mm	qz-j	
												78,70	50	6 mm	qz-j	
												79,16	50	2 mm	qz-j	
												79,30	65	6 mm	qz-j	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							Many stringers, tr pyrite	D081385	89,00	90,00	1,00	0,026	88,38	65	2 mm	qz-j
													88,48	60	4 mm	qz-j
													88,50	60	4 mm	qz-j
													88,68	60	1 mm	qz-j
													88,72	70	1 mm	qz-j
													88,73	55	3 mm	qz-j
													88,81	75	10 mm	qz-j
													88,91	60	2 mm	qz-j
													88,93	65	4 mm	qz-j
													89,14	50	4 mm	qz-j
													89,57	50	2 mm	qz-j
													89,62	18	2 mm	qz-j
													89,89	85	3 mm	qz-j
													89,90	60	1 mm	qz-j
													89,92	90	3 mm	qz-j
													89,95	60	2 mm	qz-j
													89,98	70	3 mm	qz-j
													89,99	65	2 mm	qz-j
							A lot of stringers, 50 -t 70° with Ca. One every 5 cm.	D081386	90,00	90,80	0,80	0,201				
							Trace - 2% pyrite									
							Broken core. Missing 20 cm of the section	D081387	90,80	91,23	0,43	0,016	91,26	50	3 mm	qz-j
							Many qz-j stringers, Tr - 2% pyrite	D081388	91,23	92,00	0,77	0,126	91,30	50	2 mm	qz-j
													91,34	50	3 mm	qz-j
													91,41	75	1 mm	qz-j
													91,49	75	1 mm	qz-j
													91,55	60	4 mm	qz-j
													91,65	55	1 mm	qz-j
													91,67	35	1 mm	qz-j
													91,70	50	14 mm	qz-j
													91,77	55	4 mm	qz-j
													91,83	65	15 mm	qz-j
													91,86	35	2 mm	qz-j
													91,93	70	1 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							. Many blacks streaks and a few stringers at high angle with CA. Tr py	D081389	92,00	93,00	1,00	0,032	91,96	55	2 mm	qz-j
							. Many qz-j and black streaks	D081390	93,00	93,48	0,48	0,001				
							Litho: 93.48 - 93.77 #E801571									
							A few black streaks									
							. A lot of black streaks	D081391	93,77	94,98	1,21	0,001	93,86	45	10 mm	qz-j
							. Many qz-j stringers and a few black streaks	D081392	94,98	96,00	1,02	0,001	95,17	40	1 mm	qz-j
												95,23	55	2 mm	qz-j	
												95,91	40	18 mm	qz-j	
												96,00	45	8 mm	qz-j	
							. Many qz-j stringers.	D081393	96,00	97,10	1,10	0,001	96,10	45	5 mm	qz-j
												93,21	40	3 mm	qz-j	
												93,28	50	2 mm	qz-j	
												93,37	40	1 mm	qz-j	
												96,95	75	35 mm	qz-j-to	
							. A fews black streaks and a fews qz-j stringers	D081394	97,10	98,05	0,95	0,001				
							Tr py	D081395	98,05	99,00	0,95	0,001				
							. idem	D081396	99,00	100,00	1,00	0,001				
							. idem									
							From 99.90 to 103.70 Many black streaks following the core axis with sometime carbonate and pyrite = vertical fault									
							Here the black streak look more black chlorite !!!									
							Litho: 100.00 - 100.30 #E801572									
							Many black graphite ? Black chlorite ? Tourmaline ? Streaks									
							From 100.50 to 101.90 more silicious, grey									
							. 1 Qz-j cluster, 4 cm and c-j-py streaks	D081397	100,30	101,30	1,00	0,001				
							. Chlorite-carbonate-pyrite streaks amd 1 qz-j stringer	D081398	101,30	102,00	0,70	0,278	101,97	55	2 mm	qz-j
							. 1 c streak following the core axis. Tr py-po-sp	D081399	102,00	102,75	0,75	0,001	102,20	35	.5 mm	qz-j
							. Chlorite streaks and tr de py-po-sp-cp	D081400	102,75	103,45	0,70	0,001				
							. No more streaks. Sphalerite	D081401	103,45	104,15	0,70	0,001				
							. py-sp-cp	D081402	104,15	105,00	0,85	0,001				
							. Tr py-po-sp	D081403	105,00	105,75	0,75	0,032	106,37	60	2 mm	qz-j
							. Tr py-po-sp	D081404	105,75	106,50	0,75	0,010	106,47	65	1 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION							
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.			
		chert	106,20	106,50			From 106.20 to 106.50 numerous cherty fragments and others types of fragments												
		fol 35	107,80	108,00			From 106.50 qz-j stringers come back Trace sulphides schistosity and elongation of silica fragments at 35° with CA, opposed side to the stringers 1 chlorite streak at 5° and a few stringers Tr - 2% py-po-sp-As From 108.35 to 108.60 stringer at 20° with CA tr py-po-sp-as Tr - 1% py-po-sp-as A few chlorite streaks. 1 qz-j stringer 4-5% py-po-sp-cp-as Many chlorite streaks N.B.: Mxion in py-po-sp-cp is associated to the black streaks and fragments small black fragments and sulphide clusters 4-5% fine As. 1 qz-j stringers small black fragments but less sulphide 3 - 5 % As and tr - 1 % py-po A few black streaks and fragments. A few fine qz-j stringers of 1 mm and less. Tr - 1% sulphide Black streaks and fragments. 1 qz-j stringer. Tr - 2 % Sulphide 4 - 5 % As 5 % As Only qz-j stringers Tr - 1% Su Only 20 cm of core, the other 30 cm re-grind	D081405	106,50	107,25	0,75	0,011							
								D081406	107,25	108,00	0,75	0,039	107,65	60	25 mm	qz-j			
												107,74	70	5 mm	qz-j				
								D081407	108,00	108,50	0,50	0,030	108,45	20	3 mm	qz-j-c			
								D081408	108,50	109,00	0,50	0,021	108,63	50	3 mm	qz-j-c			
												108,92	60	2 mm	qz-j-c				
												109,00	60	8 mm	qz-j-c				
								D081409	109,00	109,50	0,50	0,001	109,15	55	7 mm	qz-j			
								D081410	109,50	110,00	0,50	0,019							
								D081411	110,00	110,50	0,50	0,565	110,20	60	15 mm	qz-j			
								D081412	110,50	111,00	0,50	0,961	110,62	65	10 mm	qz-j			
												110,65	85	5 mm	qz-j				
												110,69	80	1 mm	qz-j				
												110,78	45	5 mm	qz-j-c				
								D081413	111,00	111,50	0,50	0,180							
								D081414	111,50	112,00	0,50	0,927							
								D081415	112,00	112,50	0,50	0,472	112,73	25	4 mm	qz-j			
								D081416	112,50	113,00	0,50	0,693	112,90	65	1 mm	qz-j			
												113,02	90	1 mm	qz-j				
								D081417	113,00	113,50	0,50	0,022	113,03	90	1 mm	qz-j			
												113,41	70	7 mm	qz-j				
												113,47	90	1mm	qz-j				
												113,48	90	2 mm	qz-j				
								D081418	113,50	114,00	0,50	0,089							

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION							
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.			
		chert bed	113,80	114,20			Tr Sphide in a more white silicious unit. Chert bed . Tr - 1% py-as. no stringers . Tr - 1% py-as. no stringers . Idem . Idem . 10 qz-j streaks 40 - 60° same direction 5% fine py tr - 2% as . 10 qz-j-c streaks 40 - 75° same direction in more silicified, contact with the following vein. 5% As and 5% Py Broken qz-fd vein with 50% of contry rock enclaves well mineralized in py and as till 20 % and few speak of Cp-Sp Hupper contact at 116,95: 30° with Ca Lower contact at 117,35: 35° with Ca . Well mineralized sample, contact . Qz-j-c-py-po-sp with mineralized enclaves 20 % Asand 1% - 5 % py . Many qz-j veins and stringers. As 3% - 4 %	D081419	114,00	114,50	0,50	0,606							
		Vein qz-fd	116,95	117,35			. Many stringers 3 - 4 % As-py these stringers may contain some albite . A few qz-j stringers. Tr - 2% py-as	D081420	114,50	115,00	0,50	0,101							
								D081421	115,00	115,50	0,50	0,057							
								D081422	115,50	116,00	0,50	0,015							
								D081423	116,00	116,50	0,50	0,358							
								D081424	116,50	116,95	0,45	2,260							
								D081300	116,95	117,00	0,05	1,610							
								D081425	117,00	117,40	0,40	0,786	116,45	75	2 mm	qz-j			
								D081426	117,40	117,80	0,40	0,252	116,54	80	35 mm	qz-j			
												116,65	70	2 mm	j-qz				
												116,66	60	3 mm	qz-j				
												116,74	35	1 mm	qz-j				
												116,75	70	1 mm	qz-j				
												116,94	40	3 mm	qz-j				
								D081427	117,80	118,25	0,45	0,277	116,98	38	3 mm	qz-j			
												117,06	40	1 mm	qz-j				
												117,07	35	3 mm	qz-j				
												117,14	70	5 mm	qz-j				
												117,17	70	5 mm	qz-j				
												117,22	45	3 mm	qz-j				
												118,36	30	2 mm	qz-j				
								D081428	118,25	118,90	0,65	0,089	118,75	70	10 mm	qz-j			
		chert bed	119,00	120,10			Chert bed 35 cm of missing core. Tr - 1% As-py	D081429	118,90	120,00	1,10	0,001	118,78	80	5 mm	qz-j			

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION						
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.		
		chert, gp	120,10	126,00			Chert and S4gp fragments with the usualy Fd phenocrist and fragments Graphitic fragments are well deformed and the chert are not Feldspaths are not deformed, square = cristal schistosityby the elongation of the S4 gp at 35° with CA . No stringer. Tr sulphide Litho: 121.30 - 121.60 #E801573 A lot of graphitic fragments . No stringer. . 2 qz-j stringers . a few j streaks 25 - 45° with CA tr sulphide . Idem	D081430	120,00	121,30	1,30	0,001						
		sil -			126,00	149,00	Always volcanoclastite with Fd cx and no S4 gp and a little chert fragments increasing toward the end At the end of the silicification Litho: 126.00 - 126.30 #E801574 Fd cx Volcanoclastite . 3 - 4% py. Tr As qz-j cluster 4% py. Tr As . 3% py tr as . 2 stringers, tr sulphide . Many stringers tr - 1% As in the country rocks	D081431	121,60	123,00	1,40	0,001						
								D081432	123,00	124,05	1,05	0,001	123,33	30	2 mm	qz-j		
								D081433	124,05	125,00	0,95	0,007	123,52	35	2 mm	qz-j		
								D081434	125,00	126,00	1,00	0,001						
								D081435	126,30	126,65	0,35	0,058						
								D081436	126,65	127,05	0,40	0,203						
								D081437	127,05	127,40	0,35	0,039	127,78	40	1 mm	qz-j		
								D081438	127,40	128,05	0,65	0,001	127,95	40	2 mm	qz-j		
								D081439	128,05	129,00	0,95	0,045	128,23	85	1 mm	qz-j		
													128,25	55	2 mm	qz-j		
													128,35	50	.5 mm	qz-j		
													128,39	60	3 mm	qz-j		
													129,41	60	2 mm	qz-j		
							129,45	55	1 mm	qz-j								
							129,60	70	3 mm	qz-j								
							129,65	70	8 mm	qz-j								
							129,70	70	8 mm	qz-j								
							129,75	70	2 mm	qz-j								
							129,92	60	1 mm	qz-j								
							129,23	25	2 mm	qz-j								
							129,35	50	10 mm	qz-j-c								
						Qz-j cluster and stringers Tr sulphide	D081440	129,00	130,00	1,00	0,005							

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							. qz-j cluster tr py Contact between 2 beds of volcanoclastite at 131,05 metre , 45° with CA.	D081441	130,00	131,00	1,00	0,007				
							. Tr py-po	D081442	131,00	132,00	1,00	0,001				
							. Tr py-po	D081443	132,00	133,00	1,00	0,008				
							. Tr py-po	D081444	133,00	134,00	1,00	0,005				
							One other bed contact at 133,00 at 30° with CA									
							. a few qz-j streaks and others Chlorite streaks	D081445	134,00	135,00	1,00	0,001				
							. a few chlorite streaks	D081446	135,00	136,00	1,00	0,001				
							. Qz-j cluster	D081447	136,00	136,95	0,95	0,001				
							. Nil	D081448	136,95	138,00	1,05	0,001				
							. 5 qz-j streaks 50 - 60° and 3 at 80° with Ca	D081449	138,00	139,00	1,00	0,006				
							all of them less than 1 mm tr py-po									
							. 15 qz-j-c streaks 60 - 75° , tr py	D081450	139,00	140,00	1,00	0,048	139,15	60	25 mm	qz-j-c
												139,20	50	10 mm	qz-j-c	
												139,52	85	10 mm	qz-j-c	
							. Many qz-j-c streaks and a few qz-j-c stringers	D081451	140,00	141,00	1,00	0,183	139,10	25	5 mm	qz
							Tr py-po and 1% as in the country rocks					139,64	30	4 mm	qz-j-c	
							. a few qz-j stringers tr sulphide	D081452	141,00	141,90	0,90	0,123	141,09	55	6 mm	qz-j-c
												141,16	55	4 mm	qz-j-c	
												141,76	50	2 mm	qz-j	
							. Many chlorite streaks 20 - 30° with CA parallele to the foliation and perpendicular to the stringers	D081453	141,90	142,70	0,80	0,199	142,08	55	8 mm	qz-j-c
							Tr - 1% py-po and tr As					142,20	55	10 mm	qz-j-c	
							. Tr py-po and tr - 1% As with 3 qz-j-c streaks	D081454	142,70	143,50	0,80	0,062	142,58	50	10 mm	qz-j-c
							. 1 qz stringer and few chlorite streaks, tr su	D081455	143,50	144,50	1,00	0,001	143,73	85	3 mm	qz
							Litho: 144.73 - 145.03 #E801575									
							Fd cx volcanoclastite light alteration									
		ch, gp	149,00	161,35			Volcanoclastite idem before with Fd cx with cherty and S4 gp fragments									
							From 151.15 to 151.95 and from 152.20 to 152.85 units with numerous white fragments									
							Litho: 151.40 - 151.70 #E801576									
							Munerous white fragments unit									
							From 154.00 to 154.75 and from 155.70 to 156.10 same units with numerous white fragments									
							At 159.38 metres, net contact between 2 units at 60° with CA						158,45	30	2 mm	qz-j
							. Many barren qz-j-stringers	D081456	158,25	159,65	1,40	0,001	158,53	80	40 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
161.35	165.07	Dike int.					. 1 qz-j-c vein following the core for 90 cm	D081457	159,65	161,10	1,45	0,005	159,00	10	45 mm	qz-j
							Dioritic dyke, fine grain, grey color with a few and small Fd cx Net contact at 35° with CA Litho: 161.45 - 161.75 #E801577 Diorite						159,20	10	2 mm	qz-j
													159,24	55	3 mm	qz-j
													159,55	55	1 mm	qz-j
165.07	174.00	V1 clast As			167.35	172.50	Volcaniclastite with Fd cx, quartz eyes and S4 gp silicified Small silicious fragments volcaniclastite with fine arsenopyrite Contact at 167.35 gradual from 167.15 to 167.35 m Contact at 172.50 following a fracture at 60° with CA Litho: 167.40 - 167.70 #E801578 Non mineralized volcaniclastite Tr As Many stringers tr - 1% As	D081458	168,00	168,55	0,55	0,007	168,13	25	2 mm	qz-j
								D081459	168,55	169,80	1,25	0,153	168,58	85	2 mm	qz-j
													169,10	75	1mm	qz-j
													169,20	70	1 mm	qz-j
													169,25	70	1 mm	qz-j
													169,45	55	2 mm	qz-j
													169,70	60	1 mm	qz-j
							Many stringers 5% As and 1% py	D081460	169,80	170,50	0,80	0,620	170,03	45	4 mm	qz-j
													170,10	45	3 mm	qz-j
													170,15	35	3 mm	qz-j
													170,28	35	1 mm	qz-j-c
													170,38	50	3 mm	qz-j
							Tr As	D081461	170,50	171,45	0,95	0,035				
							Tr As	D081462	171,45	172,15	0,70	0,006				
							Tr As and 4 % As near the fracture for 10 cm	D081463	172,15	172,70	0,55	0,463				

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION					
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.	
0,00	10,93	OB					Overburden										
10,93	155,03	P qz-fd ser dike	10,93	15,65			Quartz-feldspath porphyry Light sericitization, no mineralization A few stringers in fact only one Fine grains dike similar nature than the porphyry also sericitized Few qz eyes and Fd phcx in that dike . Contact at 15.65 gradual on 10 cm and contact at . 17.86 following one qz-j vein of 4 mm, 60 degree 1 porphyry enclave 10 by 5 cm at 16.70 metre . A few qz-j stringers, one at 15.96 is mainly rusty ankerite No mineralization in this section Re-grind core at 17,75, lost 15 cm of core Sericitized Porphyry with fragments of graphitic argillite or amorphous tourmaline ??? Litho: 18.32 - 18.62 #E801579 Porphyry without gp or to From 17.86 to 19.60 no gp or to in the porphyry From 31.50 to 42,60, less gp or to From 24 metre few qz-j stringers no mineralization Always altered in sericite . Check, no sulphide . Many stringers, tr - 1% py-as near stringers Stringer at 28.63, perpendicular to the others										
			15,65	17,86													
		Ser. gp/to	17,86	42,60													
								D081464	15,75	16,80	1,05	0,010	15,96	20	5 mm	j-qz	
								D081465	16,80	17,90	1,10	0,005	16,23	40	3 mm	j-qz	
													17,20	20	3 mm	qz-j	
													17,26	40	10 mm	qz-j	
													17,34	55	6 mm	qz-j	
													17,86	60	4 mm	qz-j	
													24,54	65	5 mm	qz-j	
								D081466	27,00	28,00	1,00	0,001	27,42	65	15 mm	qz-j	
								D081467	28,50	29,20	0,70	0,014	28,63	40	1 mm	qz-j	
													28,66	50	3 mm	qz-j	
													28,71	45	3 mm	qz-j	
													28,80	45	1 mm	qz-j	
													28,83	40	1 mm	qz-j	
													28,97	30	2 mm	qz-j	
													29,00	30	5 mm	qz-j	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
							Qz veins more wide with often po-py-cp-sp 2 mafic dikes. Light sericitization from 87 meters . check . Many qz-j-c stringers and tr-1% py and tr As	D081503	70,50	71,50	1,00	0,020				
								D081504	71,50	72,50	1,00	0,085	71,70	80	77 mm	qz-j-c
													71,84	70	40 mm	qz-j-c
													71,98	75	4 mm	qz-j
													72,08	90	5 mm	qz-j-c
													72,15	90	24 mm	qz-j
													72,28	60	3 mm	qz-j
													72,42	70	2 mm	qz-j
							. 50% of this section in qz-j-c veins with tr py-sp	D081505	72,50	73,00	0,50	0,006	72,56	75	30 mm	qz-j-c
													72,58	85	6 mm	qz-j-c
							at 73,76, aphanitic enclave 10 by 5 cm with tr py						72,60	80	15 mm	qz-j-c
							. A few streaks at low angle and tr py	D081506	73,00	74,00	1,00	0,022				
		sil			74,54	75,52	Porphyry looks more blue, looks more silicified	D081507	74,00	74,70	0,70	0,017	74,09	55	10 mm	qz-j
							. 2 qz-j stringers, tr py						74,58	50	10 mm	qz-j
							. Tr py	D081508	74,70	75,50	0,80	0,036	74,91	60	2 mm	qz-j
							. Many qz-j-py-po-cp stringers and po-py in the wall rock	D081509	75,50	76,00	0,50	0,184	75,66	70	4 mm	qz-j-su
													75,78	60	30 mm	qz-j-su
													75,89	75	15 mm	qz-j-su
							. No stringer, tr - 5% py-po-cp	D081510	76,00	76,50	0,50	0,501				
							. 1 stringer and 3% py-po in the porphyry	D081511	76,50	77,00	0,50	0,015	76,95	50	45 mm	qz-j-c
							. 3 veins de qz-j-c tr py	D081512	77,00	77,70	0,70	0,001	77,05	45	7 mm	qz-j-c
													77,25	65	180 mm	qz-j-c
							. 1qz-j-c vein with tr sp-cp and py-po-cp in the wall rock 10 %	D081513	77,70	78,30	0,60	0,071	77,36	40	10 mm	qz-j-c
							. Many stringers and tr-2% py-po	D081514	78,30	79,35	1,05	0,131	77,95	50	130 mm	qz-j-c
													78,87	20	10 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
							this stringer is cut by the stringer at 20° with CA						78,92	65	15 mm	qz-j
													79,04	50	10 mm	qz-j
													79,11	50	3 mm	qz-j
													79,13	70	4 mm	qz-j
													79,16	55	15 mm	qz-j
													79,23	70	5 mm	qz-j
													79,35	80	3 mm	qz-j
							. A few stringers and fine py in the porphyry 3-4%	D081515	79,35	80,20	0,85	0,233	79,80	85	2 mm	qz-j
													79,85	85	5 mm	qz-j
													79,87	40	6 mm	qz-j
													79,90	65	7 mm	qz-j
													79,93	75	5 mm	qz-j
							. Many stringers with 4-5% fine py in the porphyry	D081516	80,20	81,20	1,00	0,213	80,01	75	5 mm	qz-j
													80,27	55	26 mm	qz-j-c
													80,33	35	4 mm	qz-j
													80,47	65	8 mm	qz-j
													80,55	60	40 mm	qz-j-c
													80,63	70	2 mm	qz-j
													80,67	60	25 mm	qz-j-c
													80,82	55	2 mm	qz-j
													80,85	85	10 mm	qz-j
													81,00	85	4 mm	qz-j
													81,17	75	30 mm	qz-j-c
							. 10 qz-j stringers, 0.5 - 3 mm, 50° - 60° with CA, all in the same direction, tr py	D081517	81,20	82,20	1,00	0,077				
							. 10 qz-j streaks same orientation and nature, tr py	D081518	82,20	82,70	0,50	0,074				
		dike B	82,75	83,35			Mafic aphanitic dike with qz-j-po-cp and po-py streaks. Contacts around 35° with CA									
							. Many qz-j-py-po-cp stringers . 10% sulfide in streaks and clusters in veins and in the dike	D081519	82,70	83,40	0,70	0,526	82,70	50	25 mm	qz-j-po-py
													82,98	55	40 mm	qz-j-po-py

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
		Dike B	86,29	86,55			<p>. Many qz-j stringers, one with po-py. Tr sulphide in the porphyry</p> <p>Stringer at 10° is cut by the stringer at 40°</p> <p>. Many stringers. tr - 1% fine py in the porphyry</p> <p>stringer at 10° following the core for 70 cm is cut by stringer at 55° with senestral movement.</p> <p>Aphanitic mafic dike with quartz-carbonate po-py-cp. More quartz than material aphanici mafic Contact 25° at 86.55 m</p> <p>. Many stringers in the porphyry and in the dyke</p> <p>The 2 veins at 15° follow the core axis for 30 cm and they are cut par the two following at 60° and 85°</p> <p>This stringer at 10° cut the stringer at 65°</p> <p>. Many qz-j stringers with sometimes sulphide</p> <p>The vein at 0° follows the core on 40 cm and is cut by the stringer at 60°</p>	D081520	83,40	84,40	1,00	0,020	83,10	55	15 mm	qz-j-po-py
					83,30	cluster		30 mm	qz-j-po-py							
					83,40	45		4 mm	qz-j							
					83,52	60		8 mm	qz-j							
					83,59	55		4 mm	qz-j							
					84,08	65		5 mm	qz-j							
					84,30	10		2 mm	qz-j-py							
					84,33	40		2 mm	qz-j-po-py							
					84,40	50		2 mm	qz-j							
					D081521	84,40		85,20	0,80	0,027	84,56	55	20 mm	qz-j		
					84,61	50		2 mm	qz-j							
					84,94	50		4 mm	qz-j							
					85,10	50		6 mm	qz-j							
					85,20	70		15 mm	qz-j							
		D081522	85,20	86,00	0,80	0,007	85,45	10	5 mm	qz-j						
		85,35	55	5 mm	qz-j											
		D081523	86,00	86,70	0,70	0,005	86,15	15	10 mm	qz-j						
		86,16	15	8 mm	qz-j											
		86,12	60	7 mm	qz-j											
		86,17	65	8 mm	qz-j											
		86,37	50	110 mm	qz-j-c-su											
		86,60	10	2 mm	qz-j											
		86,62	65	.5 mm	qz-j											
		D081524	86,70	87,70	1,00	0,008	86,82	60	6 mm	qz-j						
		86,90	0	1 mm	qz-j-py											
		87,08	45	4 mm	qz-j											
		87,14	45	3 mm	qz-j											

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
							Only 1 stringer. No sulphide	D081525	87,70	88,70	1,00	0,001	87,22	45	10 mm	qz-j
							Only 1 stringer. Tr pyrite	D081526	88,70	89,55	0,85	0,001	88,23	50	2 mm	qz-j
							1 stringer parallel follow the core axis for 80 cm	D081527	89,55	90,35	0,80	0,066	88,55	55	4 mm	qz-j-c
							tr - 2% py-as						88,85	5	2 mm	qz-j
							Many stringers with py 1-2% and As 4-5%	D081528	90,35	91,00	0,65	2,300	88,88	65	4 mm	qz-j
													88,43	65	2 mm	qz-j
													88,60	60	4 mm	qz-j
							This stringer at 88,62 cut the one at 88,61						88,61	90	3 mm	qz-j-c
													88,62	60	2 mm	qz-j
													88,65	20	4 mm	qz-j
													88,68	60	3 mm	qz-j-c
													88,74	55	3 mm	qz-j
													88,76	40	5 mm	qz-j-c
													88,80	80	4 mm	qz-j
													88,83	80	4 mm	qz-j
													88,87	65	5 mm	qz-j
													88,93	65	2 mm	qz-j-c
													88,96	65	8 mm	qz-j
							Many qz-j and qz-j-c stringers. Tr - 1% py-As	D081529	91,00	92,00	1,00	0,116	91,07	60	2 mm	qz-j
													91,09	60	10 mm	qz-j
													91,12	60	1 mm	qz-j
													91,15	70	15 mm	qz-j
													91,18	60	2 mm	qz-j
													91,47	75	34 mm	qz-j-c
													91,59	65	3 mm	qz-j
													91,63	75	2 mm	qz-j
													91,69	80	5 mm	qz-j
													91,72	55	3 mm	qz-j-c
							1 massive pyrite streak and a few stringers perpendicular and parallel at core axis	D081530	92,00	93,00	1,00	0,019	92,10	75	2 mm	py
													92,17	75	4 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
							Tr - 2% py					92,19	60	3 mm	qz-j	
							This stringer follows the core from 92.35 to 92.72 and it's cut by a fracture					92,21	80	2 mm	qz-j	
							. Many stringers with tr - 1% pyrite	D081531	93,00	94,00	1,00	0,037	92,60	5	10 mm	qz-j-c
												92,65	70	3 mm	qz-j	
												93,18	55	7 mm	qz-j	
												93,31	85	1 mm	qz-j	
												98,40	25	3 mm	qz-j	
												98,45	55	4 mm	qz-j	
												98,52	90	3 mm	qz-j	
							This vein follow core axis for 50 cm					98,80	10	30 mm	qz-j-c	
							. Same vein following the core for one other 50 cm	D081532	94,00	95,00	1,00	0,020	99,50	10	4 mm	qz-j
							and many small + or - parallel to the axis stringers, Tr py-po					99,51	60	2 mm	j-c-qz	
							. Same 3-4 mm stringers following the core . Tr py-po	D081533	95,00	96,00	1,00	0,007	99,72	60	12 mm	qz-j
							Thoses stringers following the core till 98 metres have little sulphide.					100,19	50	1 mm	py	
		ser			97,35	107,65	Porphyry altered in sericite, with few stringers nil-tr sulphide					101,45	70	2 mm	qz-j	
							Contact at 96.35 following a fracture at 80°					102,00	75	10 mm	qz-j	
							this fracture shift a 1 cm + or - parallel to axis stringer, dextral movement					102,18	60	4 mm	qz-j	
							Contact at 107.65 gradual on 30 cm					102,56	65	8 mm	qz-j	
							Many c streaks at high angel with AC					104,22	75	4 mm	qz-j	
							Litho: 105.75 - 106.05 #E801582					106,16	65	1 mm	j-c	
							Porphyry altered in sericite					107,85	20	2 mm	qz-j	
			107,65	114,95			Non altered porphyry medium grey with very few stringers, most of them with low angles with the core axis					108,11	15	5 mm	qz-j-c	
							Contact at 114.95 gradual					108,21	80	1 mm	qz-j	
							Nil - tr pyrite					108,50	10	1 mm	qz-j	
												108,80	10	1 mm	qz-j	
												108,90	15	.5 mm	qz-j	
												110,60	10	.5 mm	qz-j	
												108,21	80	1 mm	qz-j	
												108,50	10	1 mm	qz-j	
							This stringer is at the opposite direction of all the others					108,80	10	1 mm	qz-j	

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
												108,90	15	.5 mm	qz-j	
												110,60	10	.5 mm	qz-j	
							pyrite in the porphyry	D081534	110,00	111,00	1,00	0,032				
		ser, sil	114,95	128,00			Porphyry well altered in sericite and silica From 116.50 to 116.75 missing 12 cm of core Contact at 128 m gradual Qz-j stringers from 115,70 to 116,60 . check	D081535	114,45	115,00	0,55	0,001	114,50	25	2 mm	j-c
							. A few veins, broken core, Tr sulphide	D081536	115,00	115,75	0,75	0,025				
							. Many qz-j and/or c stringers with tr - 1% fine As and 2 - 3% pyrite High alteration	D081537	115,75	116,35	0,60	0,532	115,82	60	4 mm	qz-j
												115,95	60	3 mm	qz-j	
												116,08	90	15 mm	qz-j-c	
												116,26	60	10 mm	qz-j	
												116,31	55	8 mm	qz-j	
							. A few stringers with tr -1% As-py in the porphyry	D081538	116,35	117,00	0,65	0,021	116,46	40	6 mm	j-c qz
												116,86	65	5 mm	qz-j	
							. Tr py	D081539	117,00	118,00	1,00	0,037	117,09	80	5 mm	qz-j
												117,27	80	6 mm	qz-j	
							. Tr py	D081540	118,00	119,00	1,00	0,001	118,86	80	2 mm	qz-j
							. More sericitization, Only qz-j streaks, 2-3%py, high angle with core axis	D081541	119,00	120,00	1,00	0,663	118,95	80	3 mm	qz-j
							. Idem	D081542	120,00	121,00	1,00	0,034				
							. Tr py	D081543	121,00	122,00	1,00	0,019	121,35	70	7 mm	qz-j
												121,72	65	3 mm	qz-j	
							. Less altered. A few c streaks, t-1% py	D081544	122,00	123,00	1,00	0,159	122,25	25	.3 mm	c-py
												122,35	60	1 mm	qz-j	
												122,76	70	1 mm	qz-j	
		sil			123,00	127,00	. More silicification, tr-1% py, tr As	D081545	123,00	123,90	0,90	0,073				
							. High silicification, many c-qz-j streaks,	D081546	123,90	124,75	0,85	0,668	124,03	50	12 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
							2-3% As-py, high angle with CA, few stringers.						124,68	70	4 mm	qz-j-c
							.10 cm lost core. 1 j-qz stringer 1 mm parallel to the core axis for all the section, 2-3% Py-As	D081547	124,75	125,90	1,15	0,427	124,72	70	4 mm	qz-j
													124,79	65	3 mm	qz-j
													125,24	90	2 mm	j-qz
													125,70	50	25 mm	qz-j
							2 stringers 10° with CA, 2-3% As-py	D081548	125,90	126,50	0,60	0,108	125,81	45	25 mm	qz-j
													126,00	10	8 mm	qz-j
													126,10	10	1 mm	qz-j
							Same stringer, tr - 1% py	D081549	126,50	127,00	0,50	0,063	126,48	60	4 mm	qz-j-c
													126,60	5	10 mm	qz-j
							A few stringers more small than 1 mm + ou - parallel to the axis, less sericitization	D081550	127,00	128,00	1,00	0,005	126,87	cluster	30 mm	qz-j-c
			128,00	135,30			Grey less altered porphyry with many stringers									
							Many stringers tr - nil py	D081551	128,00	129,00	1,00	0,007	128,43	35	3 mm	qz-j
													128,61	65	1 mm	qz-j
													128,72	50	2 mm	qz-j
													128,74	45	4 mm	qz-j
													128,84	45	9 mm	qz-j
													128,93	50	6 mm	qz-j
													129,00	60	2 mm	qz-j
							Idem	D081552	129,00	130,00	1,00	0,006	129,03	45	2 mm	qz-j
													129,18	70	4 mm	qz-j
													129,23	80	15 mm	qz-j
													129,28	75	15 mm	qz-j
													129,35	55	2 mm	qz-j
													129,58	70	8 mm	qz-j
													129,62	55	2 mm	qz-j
													129,70	80	8 mm	qz-j
													129,80	45	2 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
							Broken core on 10 cm at 142,10 metre Mineralized in arsenopyrite and pyrite . A few qz-j stringers and many streaks. Tr-1% As Tr py	D081557	135,15	136,50	1,35	0,526	135,42	60	1 mm	qz-j
												135,45	45	3 mm	qz-j-c	
												135,65	50	2 mm	qz-j-c	
							. A few stringers and Tr - 1% As-Py	D081558	136,50	137,50	1,00	0,317	136,55	85	4 mm	qz-j
												136,59	85	3 mm	qz-j	
												136,70	75	4 mm	qz-j	
												137,26	cluster	5 mm	qz-j	
												137,40	20	1 mm	qz-j-c	
							. A few qz-j stringers and clusters with 4-5%py-As	D081559	137,50	138,00	0,50	0,507	137,55	40	7 mm	qz-j
												137,63	25	5 mm	qz-j-as	
												137,72	cluster	90 mm	qz-j-py-as	
												137,77	60	4 mm	qz-j-py-as	
												137,96	70	3 mm	qz-j	
							. 1qz-j stringer and few streaks. Tr Py-As	D081560	138,00	139,00	1,00	0,651	138,49	55	5mm	qz
							. Many qz-j and qz-j-c streaks all orientation with 3-4 % Py, Tr Po, No As	D081561	139,00	140,05	1,05	0,011				
							. A few qz-j stringers and many qz-j-c streaks Tr de py	D081562	140,05	141,00	0,95	0,038	140,08	35	1 mm	qz-j-c
												140,57	70	5 mm	qz-j	
												140,59	75	5 mm	qz-j	
												140,63	75	5 mm	qz-j	
												140,70	50	20 mm	qz-j	
							. Many stringers Tr - 1% py-As	D081563	141,00	142,00	1,00	0,229	141,27	60	3 mm	qz-j
												141,40	45	10 mm	qz-j	
												141,60	45	7 mm	qz-j	
												141,67	40	3 mm	qz-j-c	
												141,86	90	2 mm	qz-j	
												141,93	10	1 mm	qz-j	
							. From 142.10 to 142.40 30% qz-j stringers, 20° - 30°	D081564	142,00	143,00	1,00	0,120	142,82	70	2 mm	qz-j

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION					
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.	
							<p>pseudo-bedding and/or foliation 25° - 35° with CA</p> <p>Litho: 191.45 - 191.75 #E801587</p> <p>Top of a bed, fine material</p> <p>Contact between this bed and the following one is net at 26° with CA and the top is toward the end of the hole = south</p> <p>Litho: 191.85 - 192.25 #E801588</p> <p>Base of a bed, small cherty fragments</p> <p>Many barren qz-j and qz-j-c stringers, 65° - 90° with CA</p> <p>. check tr py</p>										
							. check tr py	D081597	195,00	195,85	0,85	0,001	195,10	65	15 mm	qz-j	
													195,13	65	15 mm	qz-j	
													195,35	65	10 mm	qz-j	
													195,43	90	45 mm	qz-j	
													195,59	65	25 mm	qz-j	
													195,78	85	3 mm	qz-j	
							. check tr py	D081598	195,85	196,95	1,10	0,001	195,88	70	45 mm	qz-j	
													195,99	90	45 mm	qz-j	
													196,05	65	4 mm	qz-j	
													169,07	20	3 mm	qz-j	
													196,16	65	4 mm	qz-j	
													196,28	70	8 mm	qz-j	
													196,30	70	6 mm	qz-j	
													196,38	70	4 mm	qz-j	
													196,91	90	2 mm	qz-j	
							. check tr py and As	D081599	196,95	198,00	1,05	0,023	197,48	60	35 mm	qz-j	
													197,60	50	2 mm	j-qz	
													197,68	75	9 mm	qz-j	
													197,73	70	7 mm	qz-j	
													197,76	75	6 mm	qz-j	
													197,83	85	1 mm	qz-j	
													197,88	75	20 mm	qz-j	

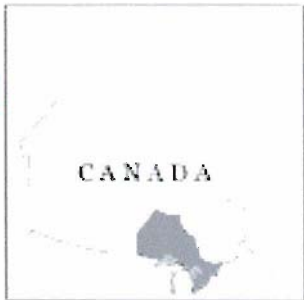
LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							From 68.00 to 69.50 m foliation 55° with CA at 68.20 m and at 69.20: 35° with CA Litho: 68.72 - 79.02 #E801597 Unit with a lot of Fd phcx and few qz eyes Litho: 70.45 - 70.75 #E801598 massive unit with many Fd phcx From 80.50 to 82.70 The unit is more black but always acidic in nature. Lot of small quartz fragments Litho: 81.50 - 81.80 #E801599 Black unit with a lot of quart fragments Litho: 86.00 - 86.30 #E801600 Fd phcx and small quartz fragments unit Small felsic dikes from 86.70 to 87.26 metres Clear contact at 45° and 65° with CA									
		AsPy Zone			95,37	98,45	First arsenopyrite mineralized zone . Check . A few streak less than 1 mm, 60°-70° with CA. Tr py. . 8 qz-j Stringers less than 2 mm, 60-70° with CA. 3-4%As, tr py . 3 mm Stringers, high angle with CA, 4-5%As tr py . No Stringers, tr As . 1 Stringer and a lot of minute Stringers, high angle 2-3% As . Many streaks .1 to 2 mm . Many qz-j and qz-j-c stringers less than 2 mm high angle with CA, 2-3%As, tr-1%Py . No Stringer tr py . No Stringer tr py	D081609	93,54	94,57	1,03	0,044				
								D081610	94,57	95,37	0,50	0,572				
								D081611	95,37	95,88	0,51	2,780				
								D081612	95,88	96,50	0,62	0,522				
								D081613	96,50	97,00	0,50	0,180				
								D081614	97,00	97,55	0,55	1,170	97,32	70	45 mm	qz-j
								D081615	97,55	98,00	0,45	1,710	97,97	60	40 mm	qz-j-c
								D081616	98,00	98,45	0,45	1,510				
								D081617	98,45	99,00	0,55	0,113				
								D081618	99,00	100,00	1,00	0,026				

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
							3 more wide Stringers, 4-5% As						121,85	55	4 mm	qz-j
							. 20% qz-j Stringers badly definite and clusters	D081625	122,00	122,50	0,50	1,503	121,97	65	13 mm	qz-j
							5-7%As									
							. Broken core on 25 cm, 2-3%As	D081626	122,50	123,00	0,50	0,876				
							. 1 qz-j-c stringer 4 mm, 25° with CA, 1-2%As	D081627	123,00	123,50	0,50	0,510				
							. A few Stringers, more arsenopyrite	D081628	123,50	124,50	1,00	0,028	123,96	70	2 mm	qz-j
												124,14	45	1 mm	qz-j	
												124,30	65	1 mm	qz-j	
							. A few Stringers, more arsenopyrite	D081629	124,50	125,50	1,00	0,012	124,59	45	3 mm	qz-j
												124,70	45	3 mm	qz-j	
												124,87	55	3 mm	qz-j	
							Litho: 128.62 à 128.92 #E801603									
							Fd phcx unit									
		PyPoSp Zone			131,50	136,00	First py-po-sp or he mineralized zone									
							From 131,50 m, small black fragments with po-py and possibly sp and / or he									
							Litho: 130.93 à 131.25 #E801604									
							Unit with small black fragments with sulphide									
							. tr py-po-sp and / or hé	D081630	131,25	132,20	0,95	0,063				
							. Idem	D081631	132,20	133,15	0,95	0,008				
							. Idem	D081632	133,15	134,00	0,85	0,009				
							. Idem	D081633	134,00	135,00	1,00	0,005				
							. Idem	D081634	135,00	136,00	1,00	0,001				
		Bx chgp	137,60	142,03			Brecciated horizon									
							From 137,60 to 138,90 same unit like before 137,60 with Fd phcx									
							Matrix between fragments seems to be form by graphite and chert									
							After 138,90 only grey aphanitic material									
							Many qz-j-gp Stringers with trace of sulphide									
							. Many Stringers with tr py-po	D081635	140,45	141,15	0,70	0,008	140,49	85	15 mm	qz-j
							The low angle Stringers cut the others.						140,51	60	2 mm	qz-j-c

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION					
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.	
												140,74	50	2 mm	qz-j		
												140,77	50	2 mm	qz-j-gp-py		
												140,80	5	2 mm	qz-j		
												140,87	50	4 mm	qz-j-gp-py		
												141,00	15	4 mm	qz-j		
												141,05	60	15 mm	qz-j		
		Bedded V1 cl	142,03	149,23			. 13 qz-j Stringers of few to 10 mm, 50°- 55° and only one at 75° with CA with a cluster of 13,6 cm traces py-po Same unit as before fragmental acidic rock with Fd phcx color light green. At 149,23 unit more silicious with very rare and small Fd phcx Contacts are never enough net to give a top Rare Fd phcx and numerous small qz or silicious fragments units Matrix is more darker than before and looks more an hyaloclastic breccia Foliation at 35° with CA From 152,37 to 152,77 Small dyke d'aplitic material with net contact at 40 and 35 degree with CA Litho: 151.85 à 152.15 #E801605 Small fragments unit	D081636	141,15	141,70	0,55	0,006					
		Fd, qz	149,23	152,94													
		gp	152,94	160,80			More acidic, more cherty unit colored from dark grey to black Graphite and a lot of qz-j Stringers in 2 orientations between 60°-90° and sub-parallel to core axis One low angle 15° veinlet cross the core from 156,50 to 157,20. Real thick 17 cm, pyrite near the contact . Many qz-j Stringers, tr py-po . Tr py-po at the contacts to the Stringers, 80% qz-j . Many qz-j Stringers tr py-po.	D081637	155,40	156,45	1,05	0,015					
								D081638	156,45	157,55	1,10	0,001					
								D081639	157,55	158,20	0,65	0,011	157,82	30	10 mm	qz-j-c-py	
												157,85	15	15 mm	qz-j		
												157,88	35	10 mm	qz-j		

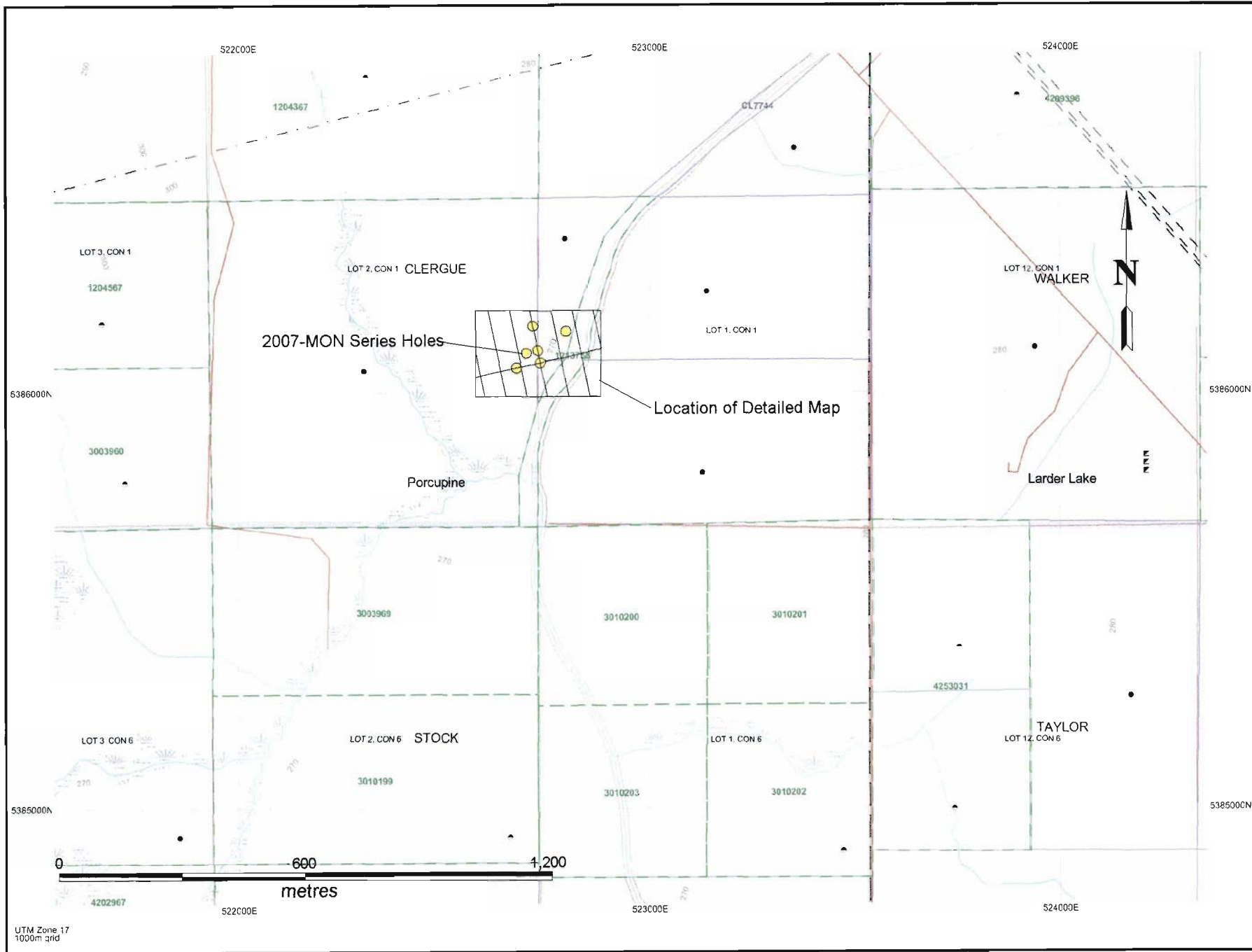
LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
		Bedded V1 cl	160,80	176,34			From 158.25 à 159.90 brecciation of more aphanitique and green material Many beds of fragmental acidic rock fragments more small and more acidic with black matrix Possibility of big blocks also Many visible bed contacts Foliation from 15° to 35° with CA Litho: 161.00 - 161.30 #E801606 Basal part of a bed of fragmental rock. A lot of fragments with black matrix. Litho: 164.31 à 164.61 #E801607 More silicious and aphanitic part = big blocs ??? The presence of these blocks are also visible from 165,35 to 165,85									
		AsPy Zone			170,00	176,00	Third Arsenopyrite-pyrite mineralized zone . Tr As py no Stringer . tr As py few qz-j streaks . Tr à 2% As-py . Tr As 2-3%py . 3-4% As 4-5% py-po . 4 - 5 % py-po tr As	D081640	170,00	170,90	0,90	0,033				
								D081641	170,90	171,95	1,05	0,292				
								D081642	171,95	173,00	1,05	0,376				
								D081643	173,00	173,90	0,90	0,304				
								D081644	173,90	175,00	1,10	0,298				
								D081645	175,00	176,00	1,00	0,092				
176,34	191,00	V3 clast					Lava or fragmental unit more intermediate or mafique Dark colored, always mineralized in po-py Non altered, look like the unit from 227,73-252,18 of hole 1 A lot of qz-j Stringers . Tr - 3% py-po. l qz-j Stringer 4 mm, 70° . 4-5% py-po tr As, no veilet Litho: 178.10 à 178.35 #E801608 V3, no veinlet, 1-2% pypo 4-5%py-po wit rare qz-j streak Idem	D081646	176,00	176,95	0,95	0,014				
								D081647	176,95	178,10	1,15	0,139				
								D081648	178,35	179,40	1,05	0,027				
								D081649	179,40	180,50	1,10	0,001				

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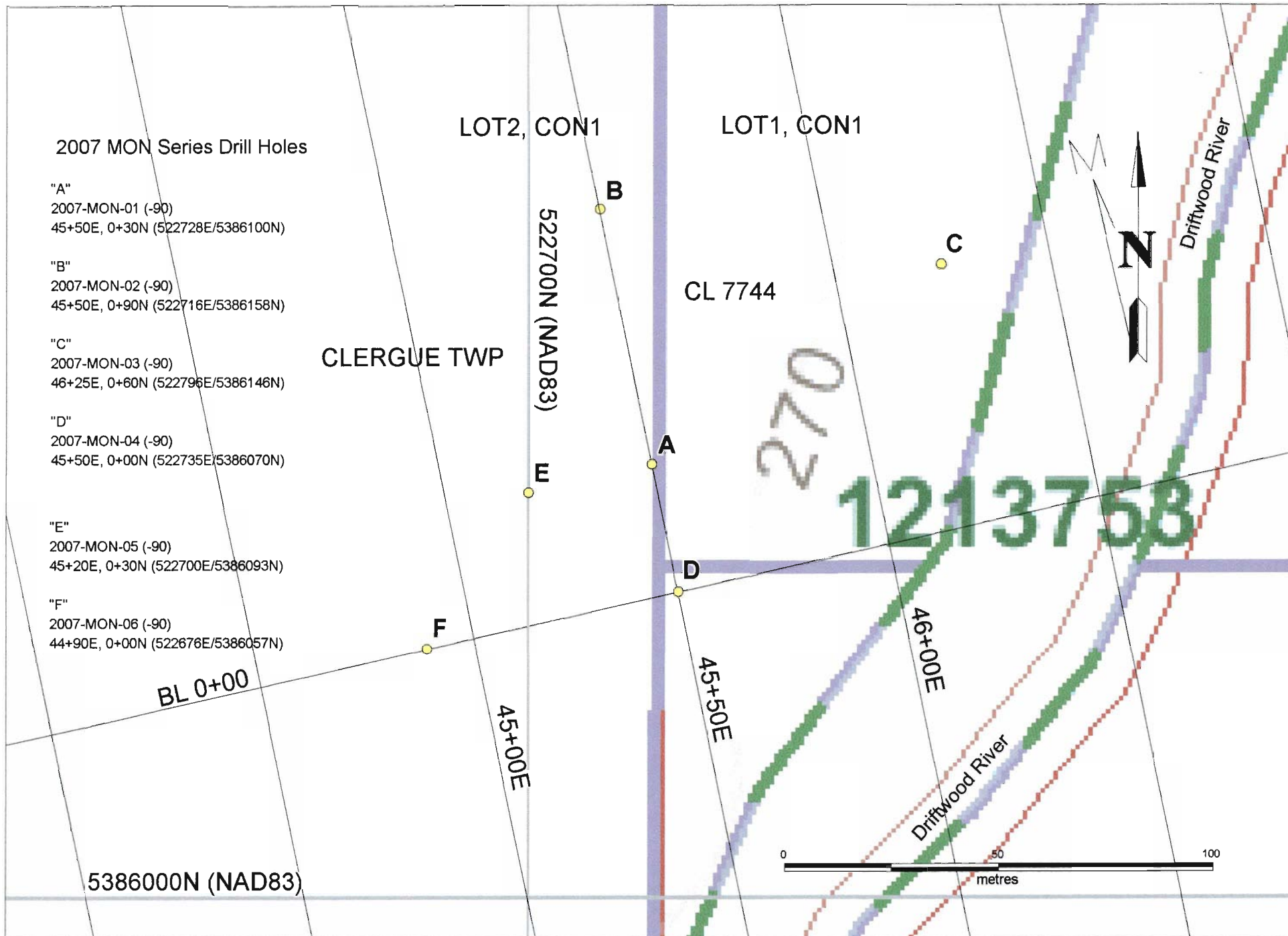


Regional Location Map
Montclair Project
Drill Holes 2007-MON- 02 to 06

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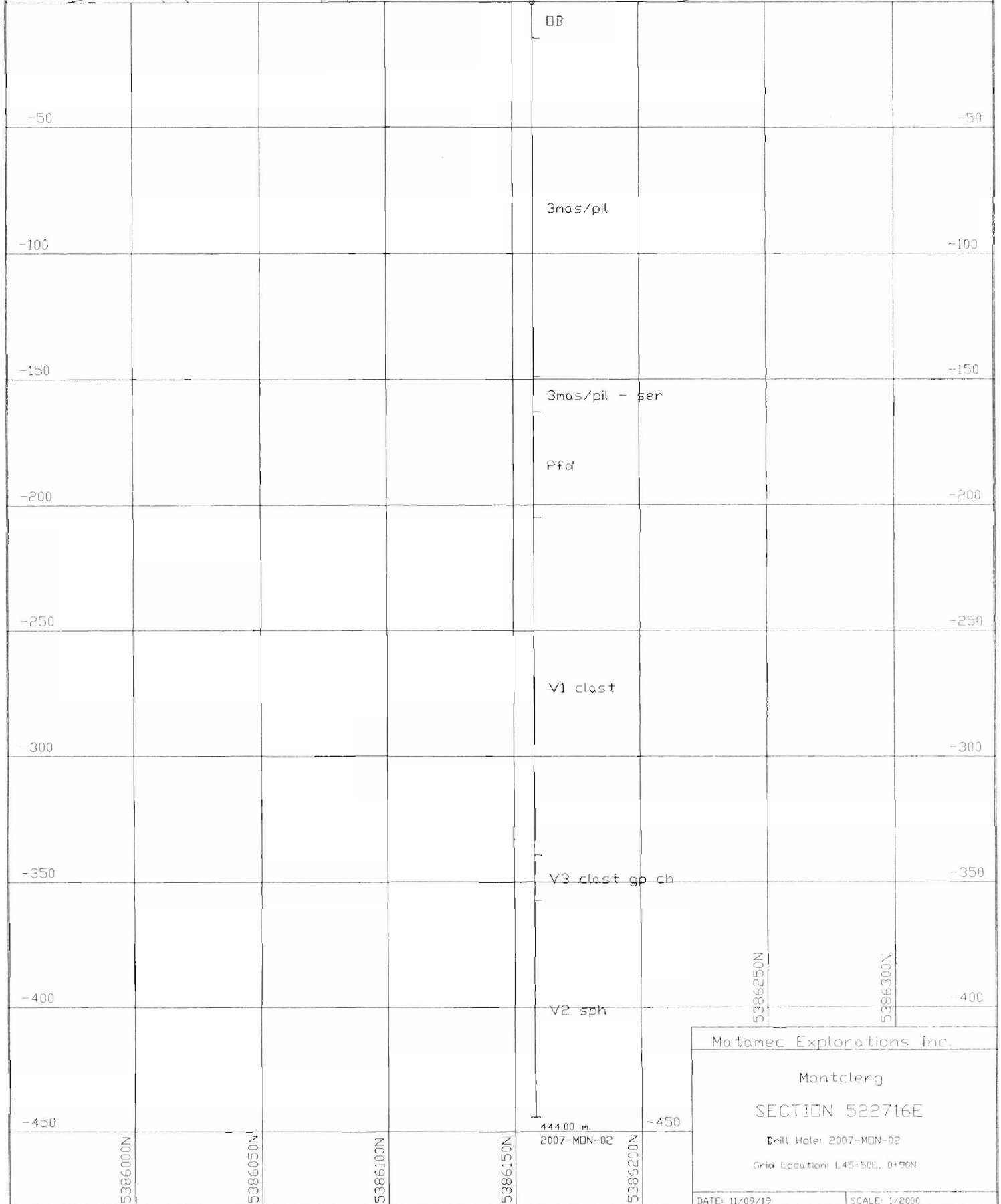
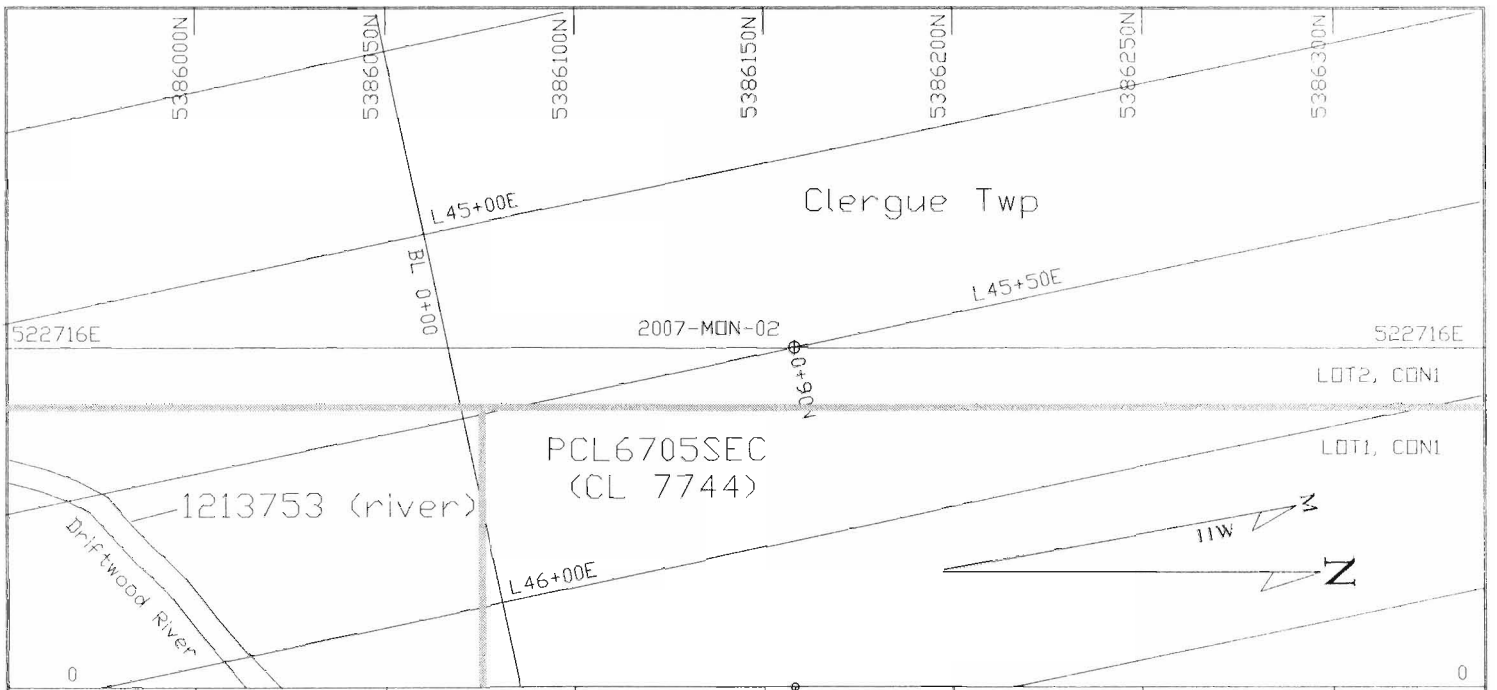


Regional Drill Hole Location Map

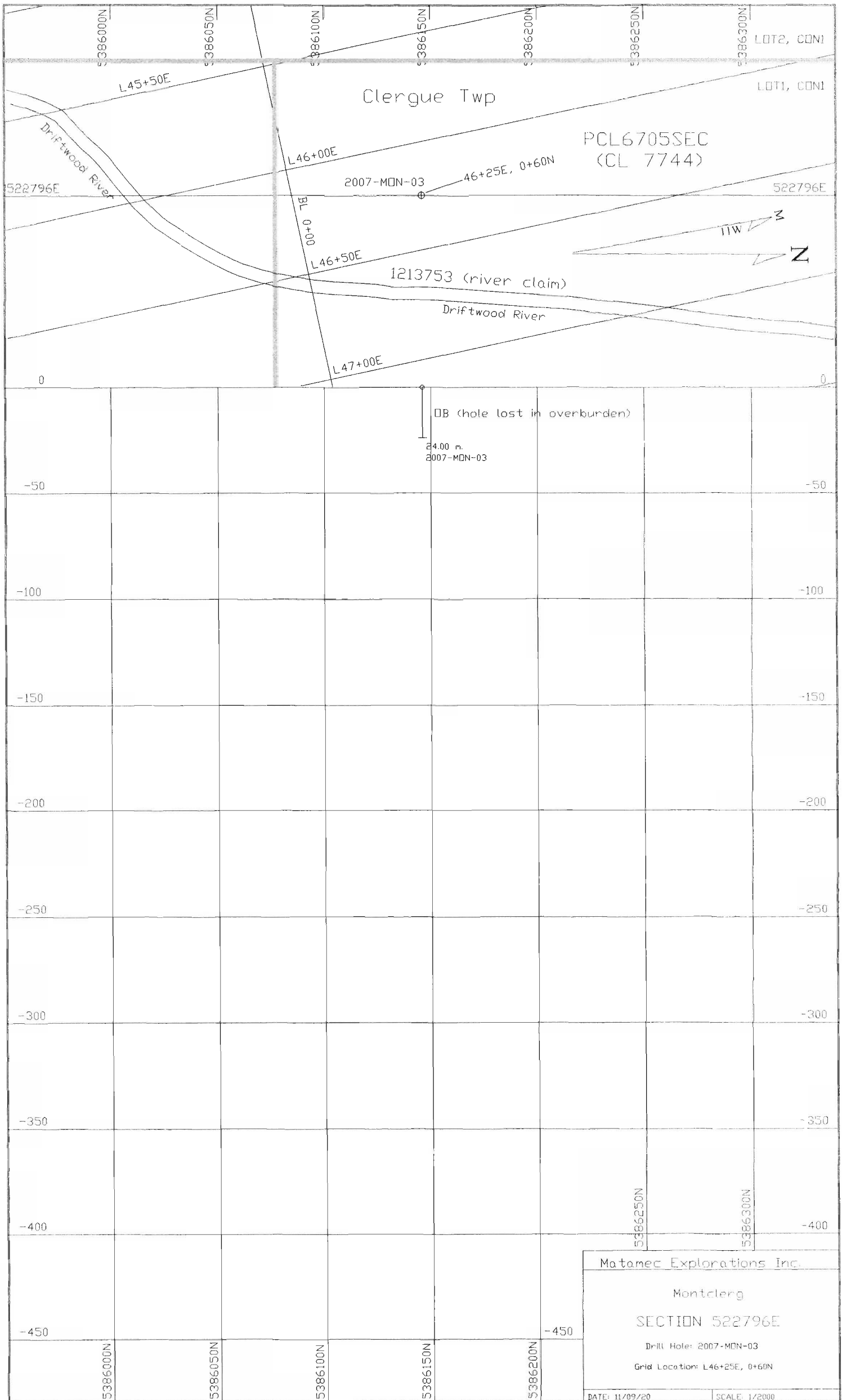


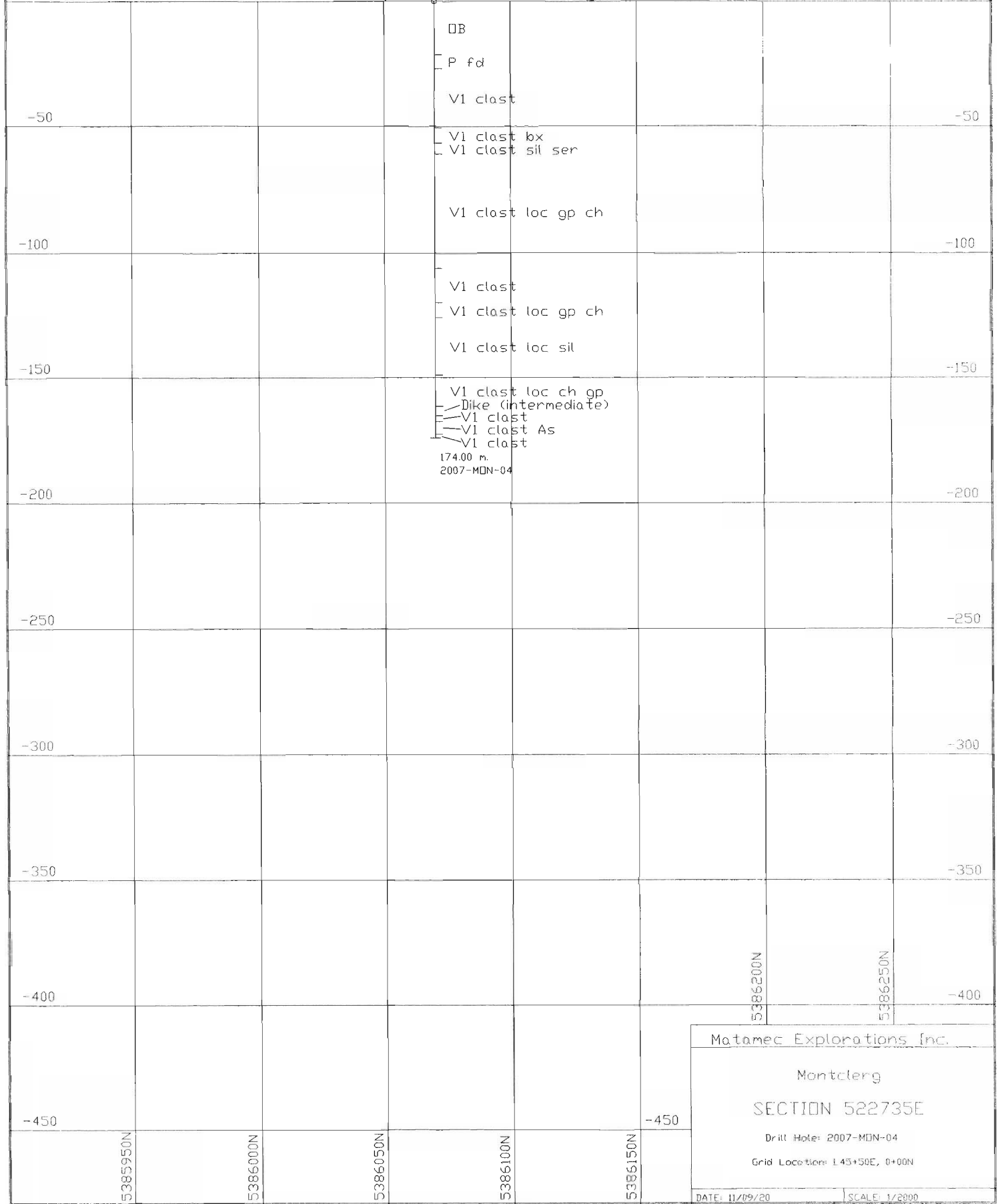
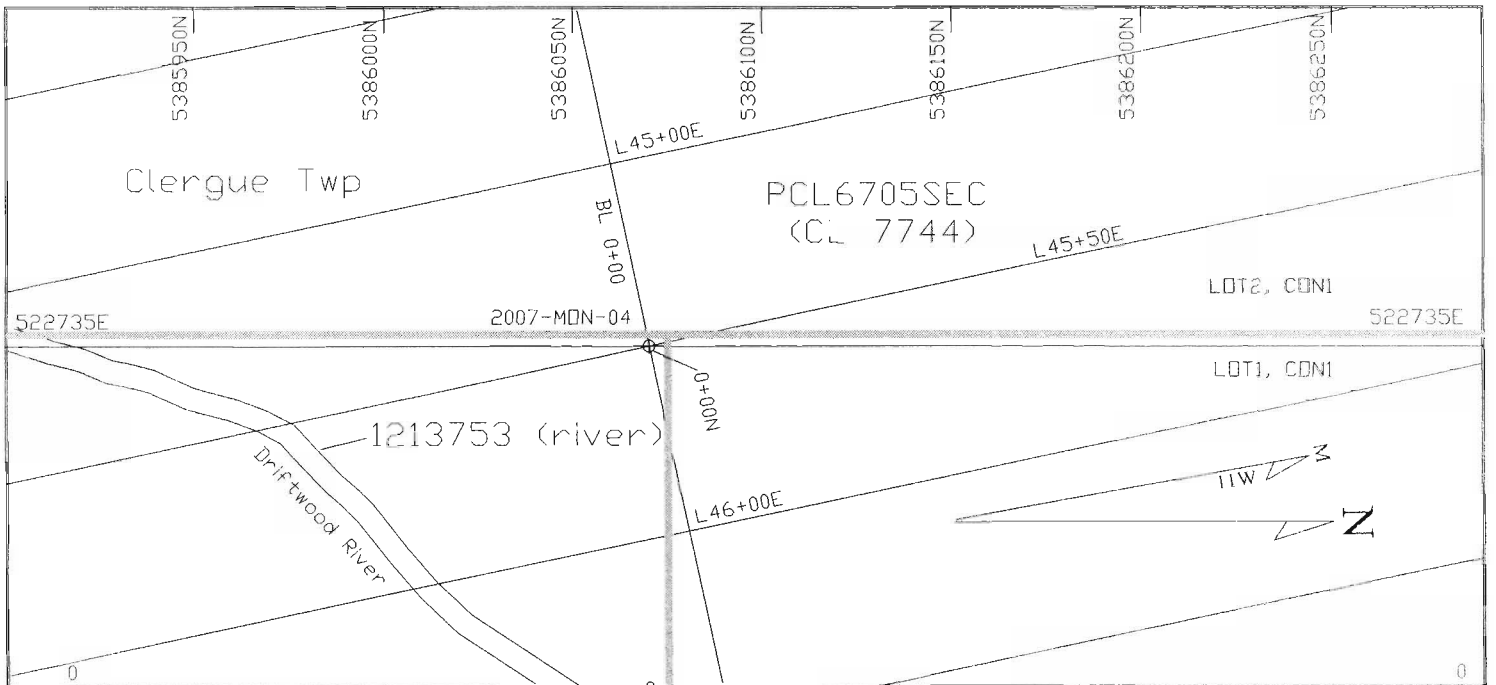
Drill Hole Location Map

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.
0.00	13.75	OB					Overburden									
13.75	18.45	V2,clast					Dacitic fragmental rocks Fragments cm to pluri cm Qz eyes in the fragments Litho: 14.45 à 14.75 #E801508 With small fragments , no alteration Litho: 18.05 à 18.35 #E801509 Altered with small fragments									
		ser			13.75	18.45	Sericitization					14.20	90	10 mm	qz-j	
		dike Pqz-fc	15.80	16.50			Qz-Fd porphritic dike. Contact 10° and 12° with core					14.45	50	5 mm	qz-j	
		dike Pqz-fc	17.15	17.45			Qz-Fd porphyric dike following core axis Schistosity near the contact at 15 dike with core axis									
18.45	161.15	Pqz-fd					Qz-Fd Porphyry Cx qz and fd 1-3 mm, Black patches in the porphyry, black shale or amorphous tourmaline, lots of pyrite in those inclusions. Litho: 18.70 à 19.00 # E801503 Porphyry with black inclusions									
		To?/S4?py	18.45	22.50			tr à 2% pyrite	D081001	19.00	20.00	1.00	0.008				
							idem	D081002	20.00	21.00	1.00	0.031				
							idem	D081003	21.00	22.00	1.00	0.014				
							22.5 à 25.3 Porphyry without black inclusions or tourmaline without stringer									
							Check	D081273	22.00	22.65	0.65	0.001				
							Litho: 22.65 à 22.95 # E801501 Whitout enclave and stringer porphyry									
		ser-			22.50	33.50	Light sericitization	D081274	22.95	24.00	1.05	0.001	23.53	30	5 mm	qz



LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION					
From	To		From	To	From	To		#	From	To	Length	Au gr/t	metre	Angle	Thick	Comp.	
0.00	14.43	OB					Overburden From 14,20 to 14,43 boulders										
14.43	163.13	3 Mas pillow pillow	36.00	55.72			Basaltic lava massive and pillows Light grey to light light green depending of the alteration Pillows well visible from 36 metres hyaloclastic material between pillows From 48 to 51 m, small pillows Breccia between pillows and/or flow from 42,34 to 42,86 and from 43,75 to 44,15 m 44,15 m, contact between breccia and massiv flow, 12 ° with CA, clear contact, top could be to the end of the hole Many qz, qz-j, j-qz streaks and stringers 20° -70 ° with CA Most of time barren Highfracturing zone from 23,9 to 25,65 m and from 27,42 to 27,60 m Low to medium sericite alteration Litho 19,20 - 19,50 E801531 massive without streak Sulphide associated to the stringers . Check 5 stringers 0.5 - 5 cm . Check a few streaks + or - parallel to the core axis Litho: 30,70 - 31,00 #E801532 massive without stringer . Check a few stringers mm around 60° with CA and tr py . 10 % qz-j clusters at 15° with CA, tr py . Many stringers 0.5-1 cm 70° - 80° and 1 at 10° with CA, tr pyrite . Check A few stringers cm, high angle with CA Litho: 37,45 - 37,75 #E801533 Center of a pillow from 36,30 to 38,82 . Check 1 stringer, 1 cm at 80 ° with CA, no su										
								D081118	19.50	21.00	1.50	0.001					
								D081119	25.65	27.00	1.35	0.006					
								D081120	33.00	34.00	1.00	0.001					
								D081121	34.00	34.60	0.60	0.013					
								D081122	34.60	35.30	0.70	0.001					
								D081123	35.30	36.00	0.70	0.001					
								D081124	44.40	45.00	0.60	0.001					





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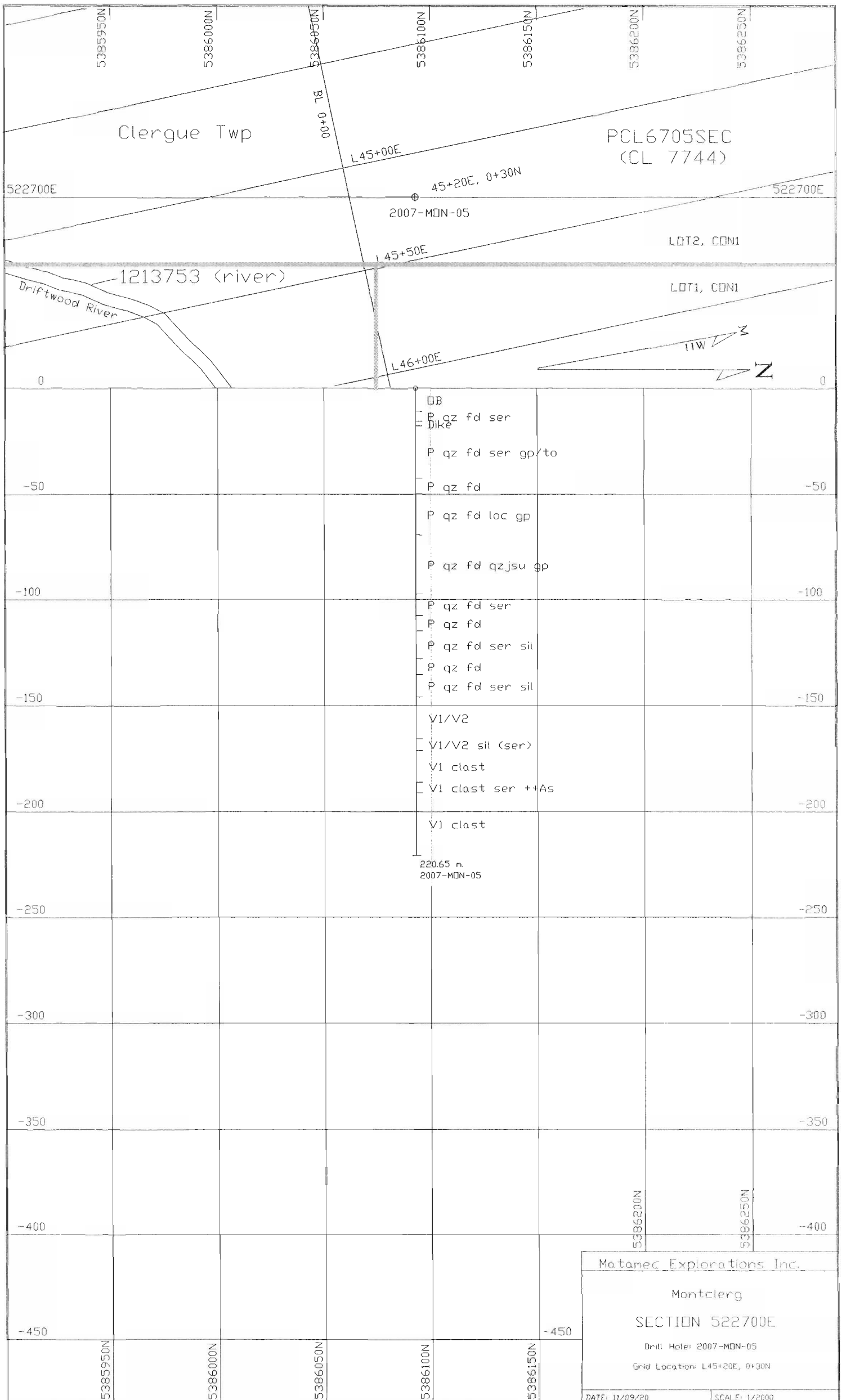
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SECTION 522735E

Drill Hole: 2007-MDN-04

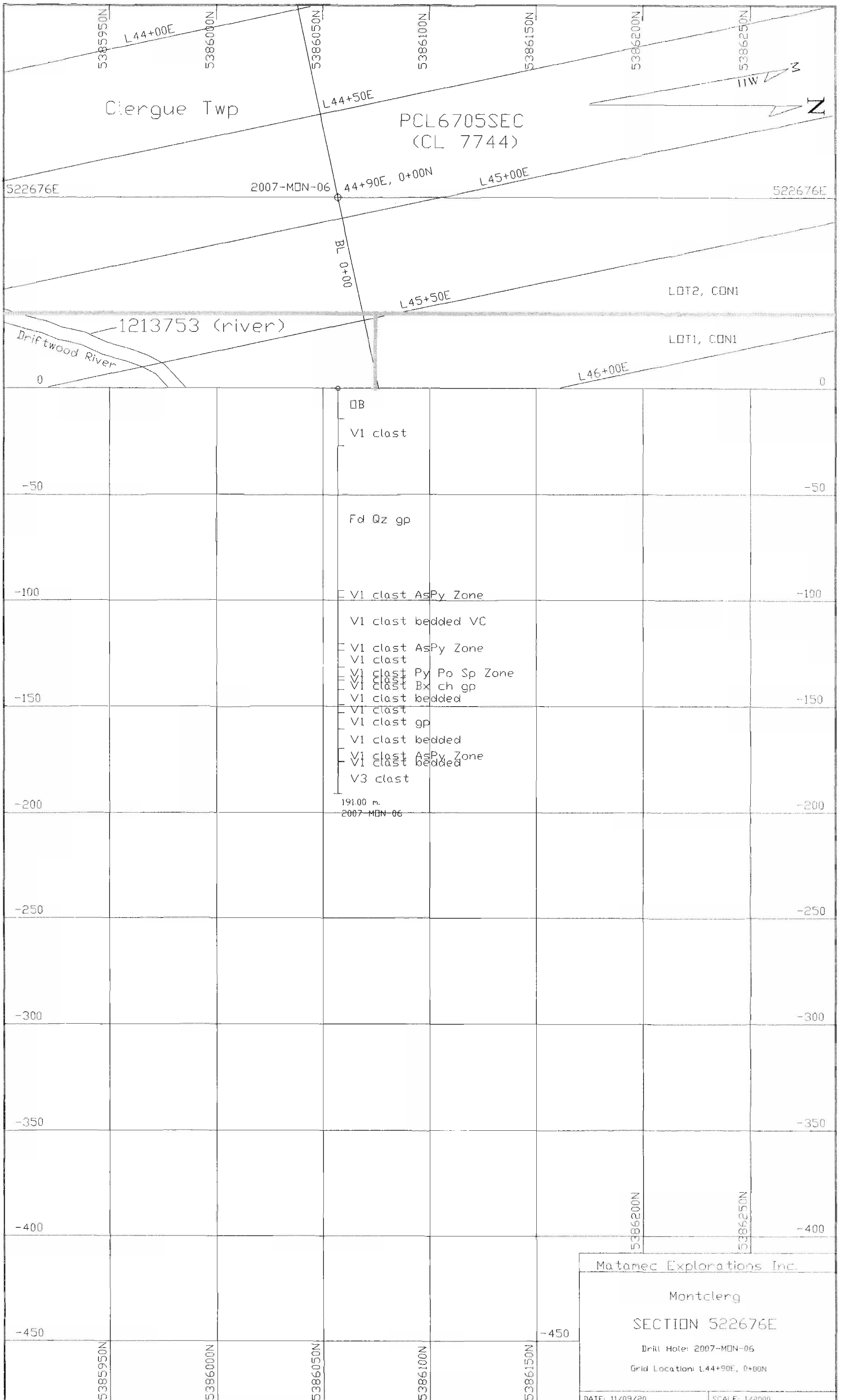
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DATE: 11/09/20 SCALE: 1/2000



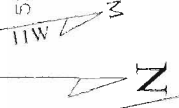
Matamec Explorations Inc.	
Montclerg	
SECTION 522700E	
Drill Hole: 2007-MDN-05	
Grid Location: L45+20E, 0+30N	
DATE: 11/09/20	SCALE: 1/2000

LEVEL		Legend	SUB-LEVEL		ALTERATION		GEOLOGICAL DESCRIPTION	SAMPLES DESCRIPTION				STRINGERS DESCRIPTION				
From	To		From	To	From	To		#	From	To	Length	Au gr/t	mandre	Angle	Thick	Comp.
0.00	10.93	OB					Overburden									
10.93	155.03	P qz-fd ser	10.93	15.65			Quartz-feldspath porphyry Light sericitization, no mineralization A few stringers in fact only one					12.46	50	2 mm	qz-j	
		dike	15.65	17.86			Fine grains dike similar nature than the porphyry also sericitized Few qz eyes and Fd phcx in that dike									
							Contact at 15.65 gradual on 10 cm and contact at 17.86 following one qz-j vein of 4 mm, 60 degree	D081464	15.75	16.80	1.05	0.010	15.96	20	5 mm	j-qz
							1 porphyry enclave 10 by 5 cm at 16.70 metre A few qz-j stringers, one at 15.96 is mainly rusty ankerite	D081465	16.80	17.90	1.10	0.005	16.23	40	3 mm	j-qz
							No mineralization in this section Re-grind core at 17,75, lost 15 cm of core					17.20	20	3 mm	qz-j	
		Ser, gp/to	17.86	42.60			Sericitized Porphyry with fragments of graphitic argillite or amorphous tourmaline ???					17.26	40	10 mm	qz-j	
							Litho; 18.32 - 18.62 #E801579 Porphyry without gp or to					17.34	55	6 mm	qz-j	
							From 17.86 to 19.60 no gp or to in the porphyry From 31.50 to 42.60, less gp or to					17.86	60	4 mm	qz-j	
							From 24 metre few qz-j stringers no mineralization Always altered in sericite									
							Check, no sulphide	D081466	27.00	28.00	1.00	0.001	24.54	65	5 mm	qz-j
							Many stringers, tr - 1% py-as near stringers	D081467	28.50	29.20	0.70	0.014	27.42	65	15 mm	qz-j
							Stringer at 28.63, perpendicular to the others					28.63	40	1 mm	qz-j	
												28.66	50	3 mm	qz-j	
												28.71	45	3 mm	qz-j	
												28.80	45	1 mm	qz-j	
												28.83	40	1 mm	qz-j	
												28.97	30	2 mm	qz-j	
												29.00	30	5 mm	qz-j	



Clergue Twp

PCL6705SEC
(CL 7744)



522676E 2007-MON-06 44+90E, 0+00N L45+00E 522676E

BL
00+0

LOT2, CON1

1213753 (river)

LOT1, CON1

Driftwood River

L46+00E

OB
V1 clast
Fd Qz gp
V1 clast AsPy Zone
V1 clast bedded VC
V1 clast AsPy Zone
V1 clast
V1 clast Py Po Sp Zone
V1 clast Bx ch gp
V1 clast bedded
V1 clast
V1 clast gp
V1 clast bedded
V1 clast AsPy Zone
V1 clast bedded
V3 clast

191.00 m
2007-MON-06

-50 -50

-100 -100

-150 -150

-200 -200

-250 -250

-300 -300

-350 -350

-400 -400

-450 -450

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Montclerg
SECTION 522676E
Drill Hole: 2007-MON-06
Grid Location: L44+90E, 0+00N
DATE: 11/09/20 SCALE: 1:2000

