

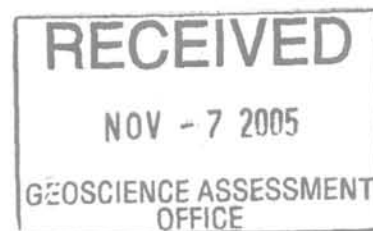
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**ASSESSMENT REPORT**  
**HURDMAN ZINC-SILVER PROSPECT**

Hurdman Township, Ontario  
NTS 42 H/12

Prepared for:

**ELORO RESOURCES Ltd.**

2.30835



**MRB & Associates**  
1020 4<sup>th</sup> Avenue, Val-d'Or, QC. J9P 1J7  
Tel: (819) 874-8768 Fax: (819) 874-8771

Jean-Pierre Bérubé, P. Eng.  
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## **SUMMARY**

The Hurdman Property consists of 28 contiguous mining claims covering 6624 hectares in Hurdman Township, Ontario NTS 42 H/12. Eloro Resources Ltd. (Purchaser) acquired a 100% interest in the Hurdman Property under the terms of an agreement with Don Mc Holdings Ltd and 2060014 Ontario Inc. (Vendor) on November 30 2004.

Situated approximately 120 kilometres north of the city of Timmins, in Northeastern Ontario, the Hurdman Property is accessible by travelling westward along the Trans Canada Highway 11 from Smooth Rock Falls for a distance of 12 kilometres then northward along a winter logging road for an additional 28 kilometres. The first 20 kilometres of the logging road would be useable year round by ATV but the last 8 kilometres are strictly winter road although skidder access should be possible for the summer programs.

During the months of January and February 2005, Eloro Resources Ltd. completed 635.4 metres of surface diamond drilling through 7 holes on the Hurdman property. The work was carried out under the direct supervision of MRB & Associates, a geological consulting group based in Val-d'Or Quebec. The core was transported to Val -d'Or where it was logged and sampled. Results obtained are discussed later in this report.

The interest in this property stems from the occurrence of concentrations of base metals within pyrrhotite-pyrite mineralization in biotite-garnet gneiss and pegmatites. Sub-economic zinc-silver values were intersected over widths varying from 0.5 to 30 meters (Table 1). The property has been explored for base metals sporadically between 1960 and 1998. In general, past exploration efforts have been focused on a group of EM anomalies (C, G-H and I) from which zinc values were obtained from diamond drill core samples.

Mineralization at the Hurdman Property consists of disseminated and massive beds of pyrrhotite and pyrite which include sphalerite, gahnite, silver and smaller amounts of lead and copper. The zinc bearing zone can be followed 250m along strike, 125m down dip and over widths varying from 1,5 to 38m. The zone remains open to the west and down dip.

## **INTRODUCTION AND TERMS OF REFERENCE**

MRB & Associates, a Val-d'Or based mineral consulting group, was retained by Eloro Resources Ltd. (Eloro), a public mineral exploration company, to prepare an independent assessment report of the work performed in 2005 on the Hurdman Property.

The purpose of the report is to combine past exploration work with new results obtained in the 2005 diamond drilling campaign carried out on the Hurdman Property. This zinc-silver prospect is located in the Hurdman Township, near Smooth Rock Falls, Ontario. It has been prepared based on a review of the Ontario Ministry of Northern Development and Mines (MNDM) assessment files and other geological reports. MRB staff members reviewed and logged the 2005 diamond drill core.

## **PROPERTY DESCRIPTION AND LOCATION**

The Hurdman Property consists of 28 contiguous mining claims (Map 2) covering 6624 hectares located within the central portion of Hurdman Township in the Porcupine Mining District, Ontario (NTS 42H/12). The claims composing the property are listed in Table 3.

In an agreement signed November 30<sup>th</sup> 2004, Don Mc Holdings Ltd. and 2060014 Ontario Inc. (the Vendor) granted Eloro a 100% interest on claim blocks located in the Porcupine

and Larder Lake Mining Districts. Claim number P 1199489, located in Hurdman Township, was part of the agreement. Under the terms of the agreement, Eoro delivered to the Vendor at closing two hundred and fifty thousand dollars (CAD\$250,000) payable by the issuance of 2,500,000 Eoro common shares and a perpetual production royalty of 1.0% of the percentage net smelter returns as determined in accordance with the provisions of a Royalty Agreement. Eoro also paid to Mike Cleary a finder's fee of \$15,000 payable by the issuance of 150,000 Eoro common shares with a deemed value of \$0.10 per share. The area lying within a distance of five (5) kilometres from the external perimeter of claim number P 1199489, defined as the "Area of Interest" was also part of the agreement and Eoro now owns 100% of this area for no additional consideration to the Vendor.

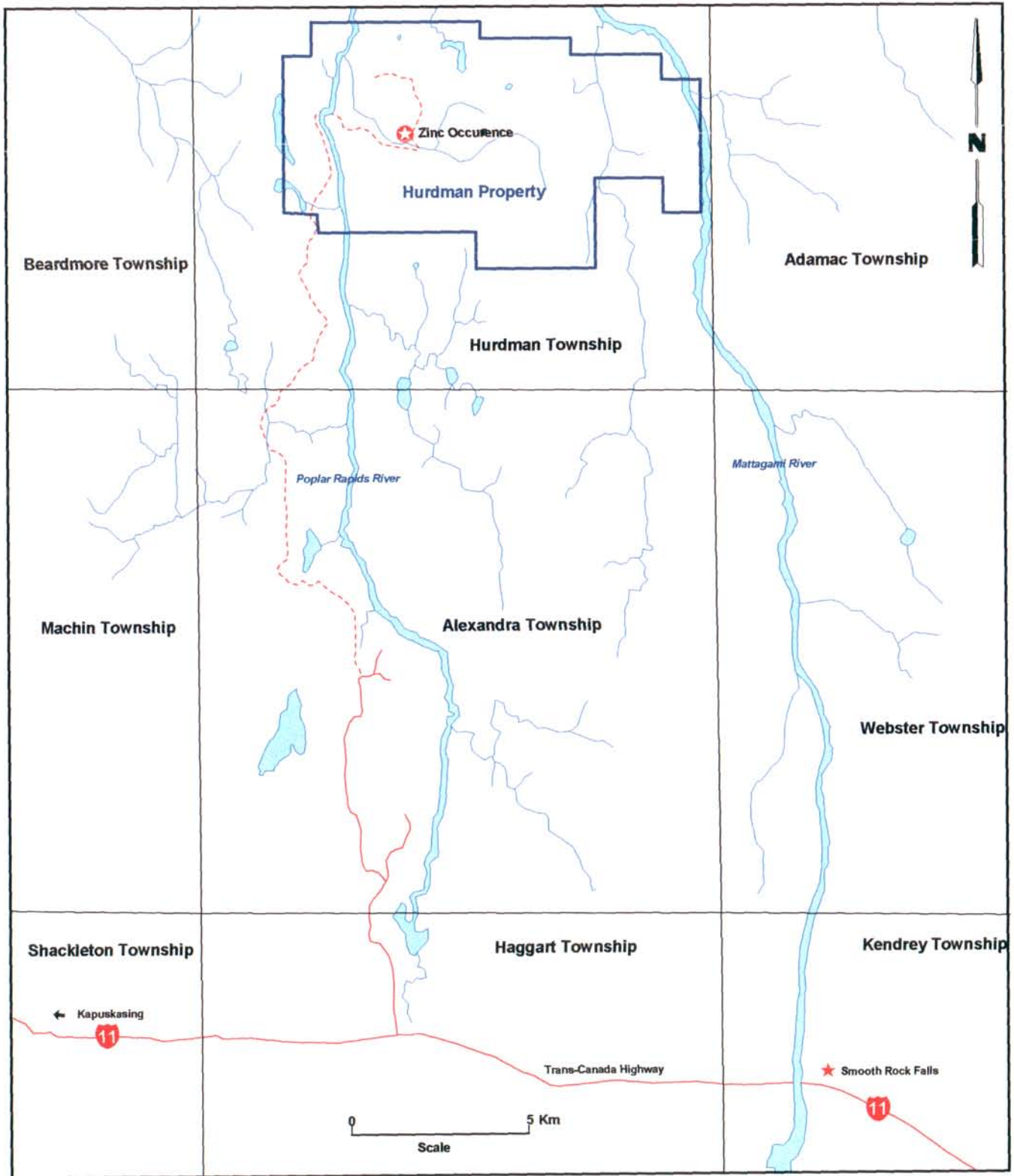
The property has not been legally surveyed. Its boundaries are defined by UTM coordinates obtained from the Ministry of Northern Development and Mines of Ontario claim map.

There are no known environmental or land claim issues pending with the Hurdman Property. All claims are in good standing, the nearest due date being November 7<sup>th</sup> 2005 for claim P1199489 and there are sufficient work credits to maintain the other claims until November 2006.

Should any future application be made for a mining lease on this property, it should be permissible to obtain all necessary surface rights and permits from the Ministry of Northern Development and Mines of Ontario.

#### **ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The Hurdman Property is located approximately 120 kilometres north of the city of Timmins, in Northeastern Ontario. The Property is accessible by travelling westward along Trans Canada Highway no. 11 from Smooth Rock Falls for a distance of 12 kilometres then northward along a winter logging road for an additional 28 kilometres. The first 20 kilometres of the logging road would be useable year round by ATV but the last 8 kilometres are strictly winter road, although skidder access should be possible for the summer programs.



**Figure 1. Hurdman Property Location Map**



**Figure 2. Winter road leading to the Hurdman Property**

During the winter days, minimum temperatures of  $-15$  to  $-25^{\circ}\text{C}$  are common and snowfalls range from 45 to 60 cm on a monthly basis. During the summer, the daily maximum temperatures range from  $16^{\circ}\text{C}$  to a peak of  $24^{\circ}\text{C}$  in July.

Smooth Rock Falls is capable of providing personnel, contractors, equipment and supplies to a number of operations in the area. The property is only thirteen (13) kilometres west of an all weather highway extending northerly to the Abitibi Canyon hydroelectric power station. The property is located 75 kilometres north of Falconbridge's Kidd Creek mining operations which provides the bulk of the zinc concentrate for the company's zinc refinery near Timmins. Spare capacity of processing zinc and copper ore is available as reserves at the Kidd Creek orebody are declining.

The topography of the property is flat ( $220\pm 20$  m) and drainage is rather poor, resulting in an abundance of swampy terrain. The Mattagami and Poplar Rapids Rivers, which are respectively bordering the east and west sides of the claim block, drain the area northwards to James Bay. The vegetation consists of black spruce and lesser balsam. Poplar and birch are restricted to the edges of creeks and rivers. Outcrop exposure is very limited as the bedrock is overlain by 6 to 30 meters of glaciolacustrine and glaciofluvial sediments.

## **HISTORY**

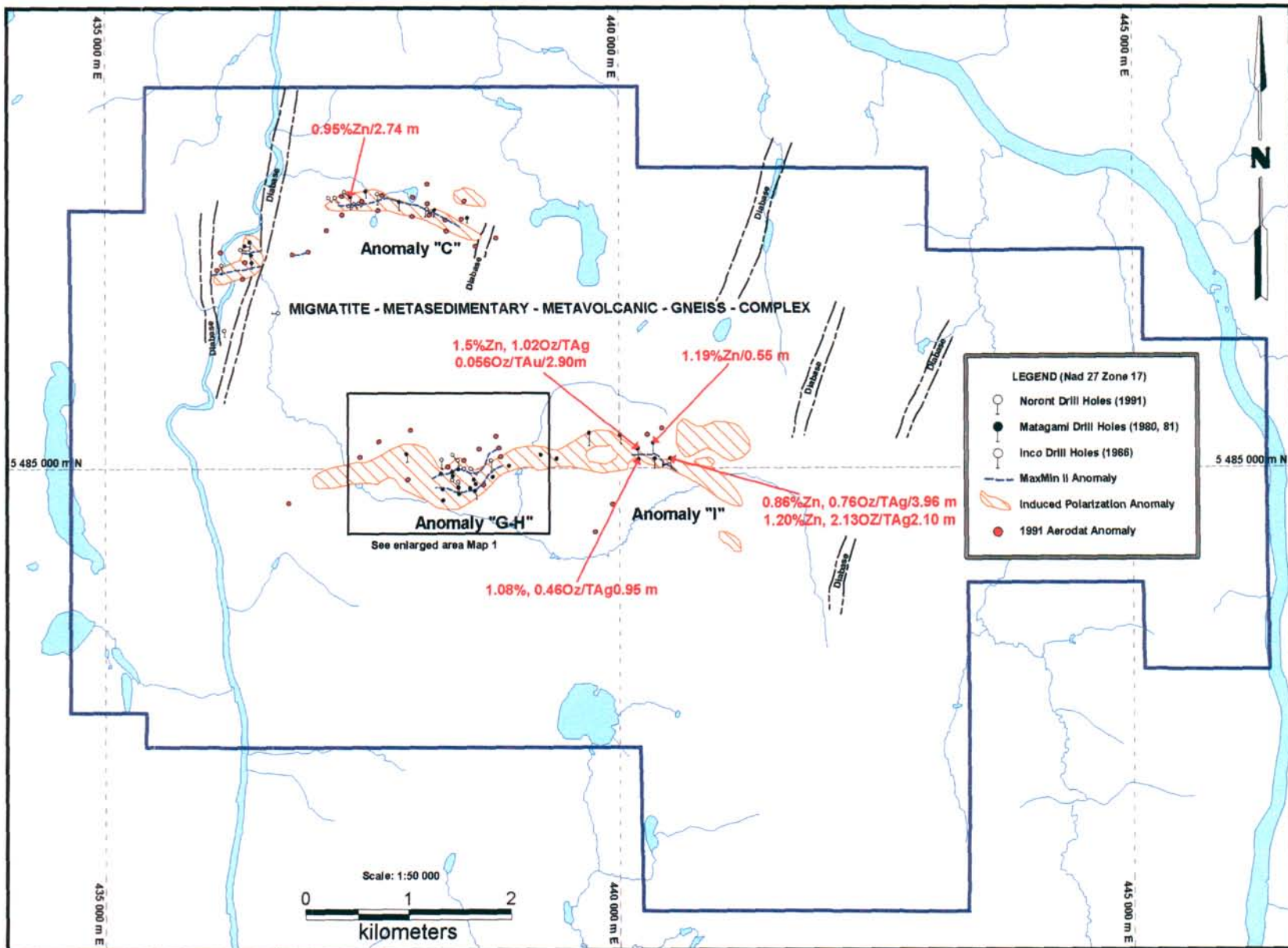
In 1965-66 Inco did the first serious exploration work on the property when they carried out magnetic and VLEM ground surveys over airborne EM Input anomalies previously detected in the Hurdman Township. Seventeen diamond drill holes totalling 1609 meters tested the best geophysical conductors. Most of them encountered disseminated to massive sulphide



horizons. Pyrite-pyrrhotite-sphalerite±chalcopyrite mineralization was also noted in the drill logs but the company did not submit any assay results.

In 1979 prospector Don McKinnon staked ground encompassing the property and later optioned the claims to Mattagami Lake Exploration Ltd. (Mattagami).

In 1979-81 Mattagami carried out Magnetometer, HLEM and limited frequency mode IP ground surveys on selected areas previously flown by an Airborne EM Input survey. A subsequent diamond drilling program was completed over a two year period almost exclusively on the south central portion of the property (Anomalies G, H and I). In all, 40 holes were drilled in this particular area for a total of 4386 meters. Some of the holes intersected sub-economic zinc-silver and minor amounts of copper and lead values associated with pyrite-pyrrhotite mineralization (Table 2). Mattagami determined that the mineralization dipped at 20° to the north, that the zinc mineralization was erratic in its distribution and was genetically related to "pegmatite" diking.



**Figure 3. Past Exploration Work**



In 1988 H. Federber Geophysics Ltd. carried out a combined fixed-wing Magnetic and VLF-EM survey over approximately 12200 hectares on behalf of McKinnon Prospecting. Most of the rock units underlying the property are homogeneous in composition and contain similar amounts of magnetite. Amongst the conductive zones revealed by the VLF-EM survey, anomalies 4, 5 and 6 are interpreted as cross-cutting shear systems closely associated with iron formations. They seem to correlate well with EM anomalies A, B, C, G, H and I discovered eight years earlier by Mattagami.

In 1991 Aerodat Ltd. carried out a combined helicopter-borne Magnetic, Electromagnetic and VLF-EM survey on behalf of McKinnon Prospecting. The total coverage over the area was approximately 560 line km using GPS controlled flight line spacing of 125 meters. The best geophysical targets were detected around the Mattagami's "C" and "GH" ground HEM anomalies which correspond with the HSZ. The interpretation made by Aerodat for these two groups of anomalies was that they were corresponding to multiple parallel conductors with shallow northern dips.

Shortly after the survey, Noront Resources Ltd. (Noront) acquired the 71 claim property from McKinnon Prospecting. After having reviewed all available data, Noront commenced an abbreviated exploration program over the known zinc-silver occurrences. Four holes totalling 455 meters were drilled around the HSZ. Sillmanite, tremolite, muscovite, cordierite, anthophyllite and gahnite was identified in close association with banded pyrrhotite-pyrite-sphalerite-silver mineralization.

In early 1992 Galico Resources Inc. (Galico) entered into an option agreement with Noront and Don McKinnon allowing them the right to earn a 55% interest in the property. Galico drilled five holes for a total of 737.3 meters. Two holes were drilled north of the zinc-rich horizon possibly to probe its extension at depth. Zones of semi-massive sulphides associated with anomalous zinc values were encountered in a area coinciding well with the northward shallow dip interpretation made by Mattagami on the HSZ. The three other holes were drilled close to Mattagami's hole no. H-13-81.32 located 175 meters northwest of the main zinc occurrence. Two of them intersected disseminated pyrite-sphalerite and gahnite mineralization in sillimanite-biotite rich gneiss.

Later in 1992, efforts were made by Noront to retrace the Mattagami's Group 10-11 geophysical conductors, Noront carried out ground Magnetic, VLF-EM and HEM surveys over claims P1189419 to P1189421 (this area is currently covered by claim no. P3016576, P3019157, 159 and 160). Two separate grids were cut in this area, one oriented at N40°W and the other N-S, for a total of 54 km. Line spacing was established at 100m. Recommendations were made to drill test three moderate to strong EM anomalies detected by the Rayan Exploration geophysical team.

In 1997 Baltic Resources Inc. (Baltic) acquired a 40% interest in the property through an agreement reached with Noront and Don McKinnon. Baltic then agreed to fund the initial \$75,000 to earn a further ten percent interest in the property which would then make it a 50/50 joint venture operated by Baltic.

In 1998 Baltic retained BCLX Consulting Ltd. to review the project and propose further work. Four drill holes totalling 560 meters were completed in the northeastern extension of the HSZ. All holes cored 6 to 15 meters of sulfide bearing gneiss but, as of the date the report was written, no assaying had been done. The only record of grade comes from hole 98-1 in a Noront press release dated May 20, 1998 (Appendix 3).

In 2004 Eloro Resources Limited ("Eloro") acquired a 100% interest in the property under the terms of an agreement with Don Mc Holdings Ltd. and 2060014 Ontario Inc. (the "Vendor"). Eloro delivered to the Vendor at closing \$250,000 payable by the issuance of 2,500,000 Eloro common shares. The Vendor also retained a 1% PPR from any production or product sales from the project. Eloro subsequently retained MRB and Associates ("MRB") of Val-d'Or, Quebec to review the project, compile and import all diamond drill hole data in Gemcom computer format, and prepare a subsequent technical report.

## **GEOLOGICAL SETTING**

The property is located at the eastern end of the structurally complex boundary between the Wawa subprovince and the metasedimentary-migmatitic Quetico subprovince. The area is also at the junction of the Kapuskasing NNE trending structural zone. The volcanic sequences of the central Wawa subprovince show remarkable preservation of the primary structures. The metamorphic grade increase northward from greenschist to upper amphibolite facies as for the Hemlo-Schreiber (Hemlo Mine) and the Manitouwadge (Geco Mine) greenstone belts. Quetico metasedimentary rocks are migmatitic and have granulite facies assemblages.

While little is known of the geological history of the Hurdman Township, the available information indicates that much of the area is underlain by gneisses of sedimentary or volcanic-tuffaceous origin. Geological interpretation is hampered by the ubiquitous overburden cover, a general lack of previous work, and the very high degree of regional metamorphism. These limiting factors have completely destroyed the primary structures making unit's identification and stratigraphic correlations very difficult.

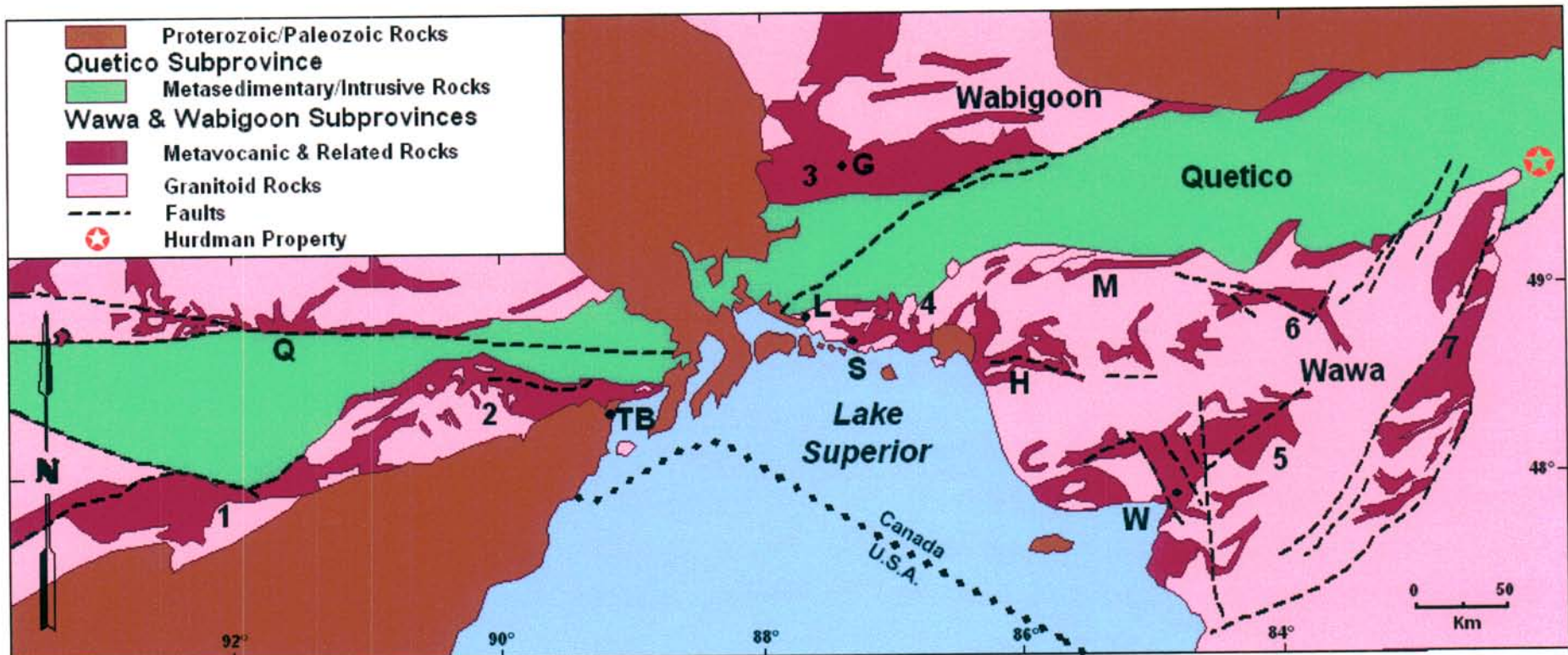
West and southwest of Hurdman Township, mafic to intermediate volcanic rocks, felsic lows and pyroclastics, greywacke, argillite, quartzite, arkosic sandstones and iron formation have been recognized (Nielsen, P., 1979). With increasing metamorphic grade these lithologies become amphibolite, quartz feldspar gneisses, biotite quartz feldspar gneisses and garnetiferous biotite quartz feldspar gneisses. The gneisses vary from near massive, uniform units to segregate and banded units. Hybrid granite gneiss, granodiorite, quartz monzonite and pegmatite have been described throughout the area.

North trending Proterozoic diabase dikes intrude all other rock types in the area.

Our current knowledge of the property geology is gained from reports made by Paul Nielsen (1979) and Bruce Durham (1991). Outcrop exposure is virtually absent and almost all information is gleaned from historical drill logs, diamond drill core and interpretation of geophysical data.

The property is overlain predominantly by quartz-feldspar-biotite gneisses, hornblende-biotite-quartz-feldspar gneisses, garnet-quartz-biotite-feldspar gneisses, and quartz-feldspar gneisses. Granodiorite, pegmatite, lit-par-lit gneisses and diabase dikes have been identified. Geological mapping carried out by Mattagami in 1979 found that gneissic foliation in Hurdman and Alexandra Townships varied from 45° and 120° in trend. Dips were found to vary from 30°-45° southwest. Indications of intense folding were noted.

Presence of magnetite throughout most of the gneissic rocks (250 to 500 nanoTesla) makes any lithological interpretation from the vertical gradient magnetic map very difficult. Even the pyrrhotite-rich zones intersected by drilling are reported to be non to weakly magnetic.



**Figure 1.** Tectonic map showing the Wawa, Quetico, and southern Wabigoon subprovinces of the south-central Superior Province.

1. Vermillion district, Minnesota; 2. Shebandowan greenstone belt; 3. Geraldton-Beardmore greenstone belt; 4. Hemlo-Schreiber greenstone belt; 5. Michipicoten greenstone belt; 6. Kabinakagami greenstone belt; 7. Kapuskasing structural zone.

Q. Quetico fault; G. Geraldton; L. Winston Lake; M. Manitouwadge; S. Schreiber; TB. Thunder Bay; W. Wawa

**Figure 4. Regional Map - Wawa / Quetico Sub Provinces, Ontario**

From: Structural history of the Manitouwadge greenstone belt and its volcanogenic Cu-Zn massive sulphide deposits, Wawa subprovince, south-central Superior Province, Peterson, V.L., Zaleski, E., Can. J. Earth Sci. 36: 605-625 (1999).



Nevertheless, magnetic lows were used by the geophysicists to outline two major fault systems trending NW/SE and NE/SW. The dominant north/south trend in the magnetics suggests a series of dikes cross cutting the east/west primary fabric causing north/south and/or vertical block shifting.

Alteration minerals such as sillimanite, anthophyllite, muscovite, tremolite, cordierite and gahnite were identified in holes drilled by Noront (Durham, B., 1991). The occurrence of gahnite ( $ZnAl_2O_4$ ) indicates that sphalerite reacted with aluminosilicates under high metamorphic facies conditions.

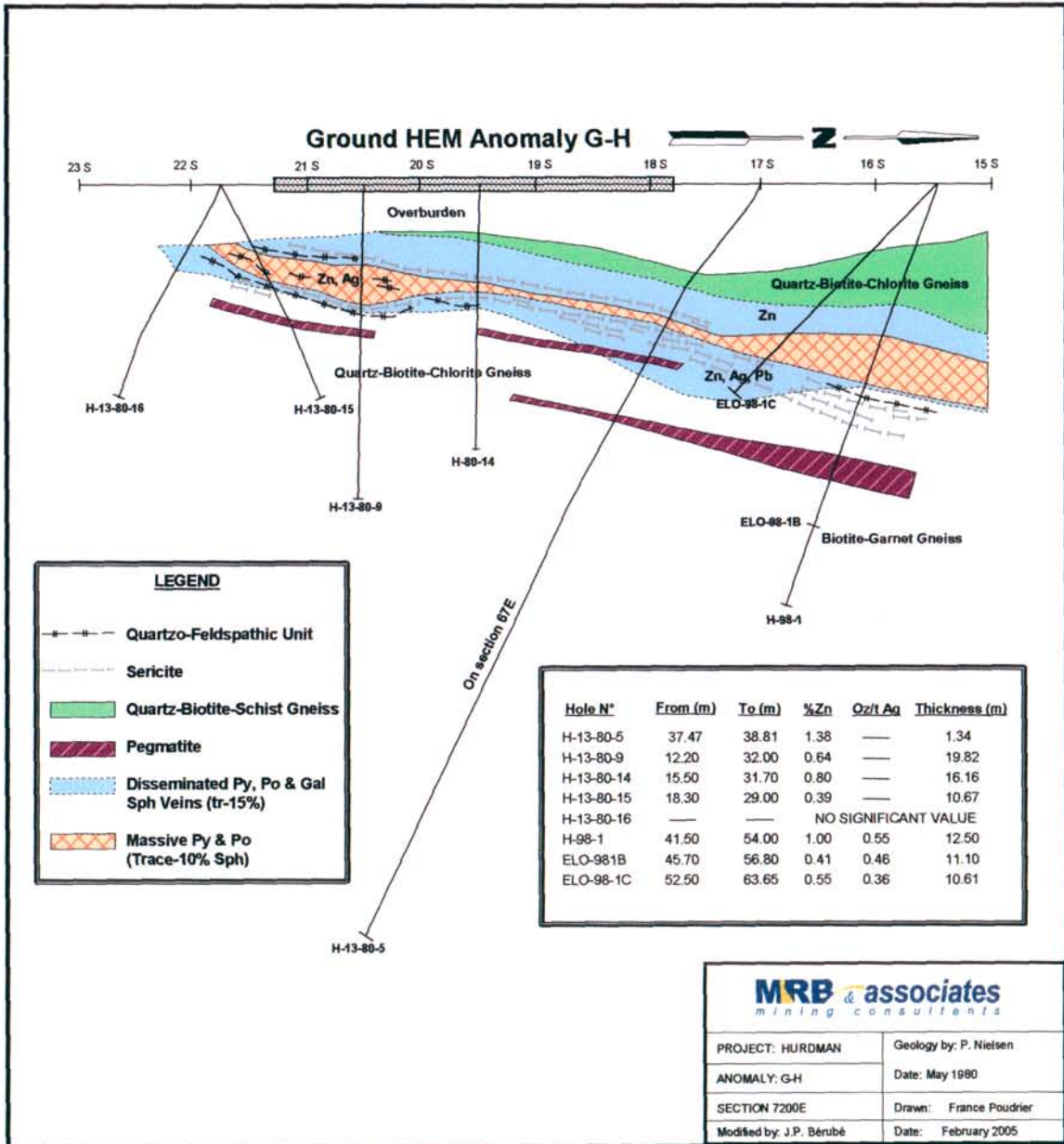


Figure 5. Matagami's 72+00E Section

## DEPOSIT TYPES AND MINERALIZATION

The main zinc occurrence, loosely called Hurdman Sulfide Zone ("HSZ"), correlates well with the "GH" airborne anomaly as defined by Mattagami and Noront. The sulphide envelope has a lens shape in section, strikes east northeast and dips north at 15 to 20 degrees conformably with biotite garnet gneisses (Pierce, G., 1998). The host rock is typically sericitized, silicified and well banded throughout. Alteration minerals are most common in the sulphide horizon and footwall gneisses while the hanging wall is unaltered. Coarse garnet and intense sericite alteration are typical of the footwall gneisses. The zinc bearing zone can be followed 250m along strike, 125m down dip and over apparent widths varying from 0,5 to 20m. The zone is open westward.

The mineralization consists of disseminated and semi-massive to massive pyrite-pyrrhotite bands sub-parallel to the main foliation. Zones of heavy pyrrhotite-pyrite mineralization are stacked with disseminated sulphides interbeds generally composed of pyrite and sphalerite in veinlets. Presence of blebby sphalerite was also noted in the massive sulphide bands. Gahnite was observed in the zinc rich intersections indicating that sphalerite was replaced by zinc aluminosilicates when the highest grades of metamorphism took place in the area. If there is no apparent correlation to make between the amount of sulfides and the best zinc values, silver values are always better in the heavy sulphide mineralization. Gold values are generally lower than 0.02 oz/t and there is no evidence that this environment can contain zones of enrichment. Chalcopyrite is an accessory mineral (<2500 ppm) and it is rarely mentioned in the diamond drill logs. Galena is commonly observed in fracture coatings over sections having less than 50 cm.



Figure 6. Typical mineralization of the Hurdman Sulfide Zone – Twin hole ELO- 91-1B



## WORK PERFORMED IN WINTER 2005

From January to February 2005 Eloro carried out a limited seven (7) hole AQ size diamond drilling program on its Hurdman property. The program, which totalled 635.4 m, was aimed at twinning some of Noront's past exploration holes which had encountered zinc-silver mineralization in the Hurdman Sulfide Zone (HSZ). The location of each hole drilled by Eloro is listed in Table 1. MRB & Associates carried out the core logging of the holes which were moved from the property to the Val-d'Or facilities for rock description and assaying. Representative sections of the mineralized zones were sampled and cut in half using a rock saw. Assays were performed by ALS Chemex of Val-d'Or following sample procedures AA23 for gold (ppb), AA45 for copper and zinc (ppm), and AA46 for % zinc.

**Table 1. Location of Eloro's holes drilled in winter 2005**

Hole #	Northing (NAD 83)	Easting (NAD 83)	Azimuth (deg)	Dip (deg)	Length (meters)	Claim number
ELO-98-1-B	5484793	443505	180	-70	93.0	119489
ELO-98-1-C	5484793	443505	180	-45	76.5	119489
ELO-91-1-B	5484793	443383	180	-55	90.0	119489
ELO-91-1-C	5484793	443383		-90	102.0	119489
ELO-05-01	5484804	443270	180	-70	93.0	119489
ELO-05-02	5484818	443240	180	-70	97.8	119489
ELO-05-03	5484787	443322	180	-70	83.1	119489

The two twinning holes drilled beside hole H-98-1 were successful in intersecting the HSZ at the expected depth. Zinc values of 0.55% over 11.1m and 0.42% over 10.6m for holes H98-1-B and H98-1-C were respectively obtained (Appendix 1). These results are lower than the 1% Zn over 12.5m reported by Noront and Galico in a news release dated May 20, 1998. Twinning holes drilled beside hole H-91-1 also intersected the HSZ at the expected depth and returned 1.53% Zn over 21.0m and 1.85% Zn over 8.55m. These values are a fair metal equivalent of the 2.41% Zn over 13.5m previously encountered by Noront in hole H-91-1.

**Table 2. Best zinc and silver values intersected in the Hurdman Sulfide Zone**

Hole #	From (meters)	To (meters)	Length (meters)	Zinc (%)	Silver (g/t)	Remarks
ELO-98-1-B	45.70	56.80	11.10	0.55	18.71	Twin of H-98-1
ELO-98-1-C	45.00	55.60	10.60	0.42	13.14	Idem
ELO-91-1-B	46.50	67.50	21.00	1.53	10.18	Twin of H-91-1
(Including)	64.50	66.55	2.05	6.90	10.29	
ELO-91-1-C	54.45	63.00	8.55	1.85	15.16	Idem
(Including)	55.70	56.25	1.80	5.90	33.66	
ELO-05-01	58.20	81.95	23.75	1.17	11.26	
(including)	69.00	75.20	6.20	2.14	7.79	
ELO-05-02	64.90	88.50	23.60	3.00	12.12	
(Including)	83.55	87.00	3.45	4.86	11.56	
ELO-05-03	53.60	69.50	15.90	1.09	22.22	
(Including)	56.60	61.45	4.85	1.82	26.39	

The three remaining holes were drilled from 25 to 70 metres west of twin holes ELO-91-1-B and C. Again, they all intersected the HSZ and returned values up to 3.00% Zn over a true thickness of 23.6m which compares well with the 1.9% Zn over 38.7m reported by Noront in their hole H-91-3. The best assay results are listed in Table 2. Take good note that the non-sampled half core of holes ELO-05-01, 02, 03 and 91-1-C is currently stored at Larder Lake's Cheminis mine site.

### DRILL HOLE SUMMARIES

Drill hole **ELO-98-1B** was laid out to twin hole H-98-1 drilled by Noront in 1998. The hole first encountered 12 metres of overburden followed by 24 metres of biotite-garnet gneiss. From 35 to 60 metres the hole intersected 2-10% of disseminated Pyrrhotite-Pyrite-Sphalerite sulfides in a silicified biotite-sillimanite-feldspars gneissic rock. This interval probably corresponds with the HSZ which is locally bleached, chloritized, epidotized and bounded by pegmatitic dykes. Garnet is quite common and disseminated magnetite is locally occurring. The HSZ is followed by biotite-quartz-feldspars-garnet gneiss from 60 metres to the bottom of the hole. The foliation and geological contacts are generally 70-80 degrees to core axis. Individual zinc values are lower than 1%.

Hole **ELO-98-1C** was drilled from ELO-98-1B's set up with a -45 degrees dip. It encountered 15 metres of overburden and collared into biotite-garnet and biotite-garnet-sillimanite gneisses. From 41 to 62 metres the hole intersected 2-10% of disseminated Pyrrhotite-Pyrite-Sphalerite associated with a biotite-sillimanite-feldspars host rock. This zone may contain up to 60% sulfides over 20 to 50 cm. The hole was stopped in a barren biotite-garnet gneiss after having intersected a four metre wide pegmatitic dyke located at the footwall of the Hurdman Sulfide Zone. The general foliation angles are generally 70-80 degrees to core axis. Individual zinc values are lower than 1%.

Drill hole **ELO-91-1B** was designed at twinning hole H-91-1 drilled by Noront. After casing 13 metres of overburden, the hole encountered biotite-garnet gneiss to 32 metres. From 32 to 39 metres the hole intersected a pegmatitic unit. This micaceous unit is followed by the HSZ down to 70 metres where the amount of sulfides varies from 2 to 80% Pyrrhotite-Sphalerite-Pyrite. This mineralization is then followed by biotite-feldspars-quartz-garnet gneiss and pegmatitic dykes to the end of the hole. Core angles are generally 60-80 degrees to core axis. The most significant zinc value is grading 6.90% over 2.05 metres.

Hole **ELO-91-1C** was drilled at right angle from the 91-1C's set up. The hole encountered 12 metres of overburden followed by up to 40% biotite in gneiss down to 28 metres. The hole then cored 7 metres of pegmatite followed by the HSZ from 35 to 64 metres. Less than 10% of disseminated Pyrite-Pyrrhotite-Sphalerite mineralization was encountered in biotite-sillimanite-quartz gneiss. Biotite-garnet gneiss was finally intercepted from 64 to 102 metres. Core angles are varying from 60 to 70 degrees to core axis. A narrow 8.55 metres long section of the HSZ returned 1.85% Zn including 5.90% Zn over 1.80 metre.

Drill hole **ELO-05-01** was laid out close to hole H-91-3 drilled by Noront in 1991. The hole encountered 16 metres followed by 42 metres of mixed units of biotite-garnet gneisses and coarse pegmatitic dykes. The Hurdman Sulfide Zone was cored from 58 to 75 metres and consisted in 2 to 5% pyrite-pyrrhotite-sphalerite mineralization. Mineral lineation in sillimanite is strongly developed within a 70 degrees foliation that locally vary from 40-50 degrees to core axis. From 75 to 93 metres the hole intersected a biotite-quartz-feldspars gneissic unit topped by a well mineralized pegmatitic dyke making a sharp contact with the HSZ. Foliation readings vary from 60 to 80 degrees to core axis. The most significant zinc value is 2.14% over 6.20 metres along the core.

Drill hole **ELO-05-02** was planned as a follow up hole 30 metres west of ELO-05-01. After casing 23 metres of overburden, the hole encountered short sections of pegmatitic dykes in biotite-feldspars and biotite-quartz-sillimanite gneisses. The hole intersected the Hurdman Sulfide Zone from 66 to 95 metres which consists in 2 to 5% of pyrrhotite-pyrite-sphalerite in banded layers and semi-massive units. The hole was stopped in a coarse grained, brecciated pegmatitic dyke. Core angles are generally 60-70 degrees to core axis. The most significant gold value is ppb Au over 1.5 metres. This hole returned the most impressive intersection (3.0% Zn over 23.6 metres) including 4.86% Zn over 3.45 metres of core length.

Drill hole **ELO-05-03** was planned as a follow up hole 50 metres east of ELO-05-01. After casing 13 metres of overburden, the hole cored biotite gneiss. From 37 to 68 metres the hole intersected 1 to 3% Pyrite-Sphalerite-Pyrrhotite mineralization associated with sillimanite-quartz gneiss followed by another sulfide zone associated with biotite-garnet gneisses. The Hurdman Sulfide Zone was containing up to 80% sulfides from 54 to 68 metres in an altered quartz-sillimanite-sericite host rock. The hole was stopped in a barren pegmatitic dyke after having intersected a biotite gneiss unit over nine metres. Core angles are generally 70-80 degrees to core axis. The best sulfide intersection is grading 1.82% Zn over 4.85 metres.

### INTERPRETATION AND CONCLUSIONS

Past exploration work performed on the Hurdman Township was mostly concentrated on the ground HEM anomalies C, GH and I of Mattagami where we find the Hurdman Sulfide Zone (HSZ), a zinc-silver occurrence associated with pyrrhotite and pyrite clusters and disseminated sulfides inserted in gneiss and pegmatite units. The general attitude of the zone is ENE with a shallow north trending dip. In section, the zone has a lens shape and it can reach a thickness of almost 30 meters locally. Although the average zinc content is generally lower than 1%, some enriched zones may contain up to 4% Zn over widths ranging to more than three meters (see Map 1). Silver values of up to one ounce per ton are not uncommon and they are also associated massive sulphide beds in both footwall and hanging wall. Copper and lead are also present in the mineral assemblage but in such few quantities that it is impossible to make any valuable interpretation.

This Zn-Ag±Cu±Pb assemblage is not typical of volcanogenic massive sulfides. The Hurdman Zone contains very little chalcopyrite and it would be premature to compare it with the Upper Horizon of the Geco's Mine stratigraphic sequence. Indeed, whereas the whole stratigraphic sequence of the Geco Mine makes only 200 meters of thickness, several holes drilled on the Hurdman property reached such depths without having met copper values of 2%. The author believes that at the beginning, the main gneissic rocks in which the mineralization has settled could have been made up of sedimentary units and felsic tuffs. The sulphide rich hydrothermal fluids would have used channel ways (syn-sedimentary faults) oblique to lithologies and deposited mineralization within porous layers of sediments like Sedex type deposits. However, Sedex type deposits are lead enriched and they are not chronologically associated with rocks of archean age.

The structural information we can pick from the lithological descriptions and the geophysical surveys varies much in accordance with the quantity and quality of work carried out. However, we can assume that the geological units (and associated mineralized zones) were strongly folded (ductile deformation) before having undergone dislocations due to a fault system WNW (brittle deformation) which is clearly identified on airborne magnetic surveys.

The possible presence of pegmatitic units on both sides of the HSZ will have to be carefully evaluated during the next diamond drilling programs. It will be necessary to determine if these pegmatites are controlling the geometry of mineralization or if they are related with alteration patterns produced by the injection of hydrothermal fluids into

the host rock. These observations will have to be checked by a geochemical study of the mineralized zone and its boundaries.

The exploratory work carried out until now indicates that the center of the Hurdman property is a favourable environment for a massive sulphides zinc deposit. However, the Eloro claim block includes a much larger area than the main zinc occurrence. Exploration work, although very limited, shows that there are zones enriched in pyrrhotite-pyrite±sphalerite in several other areas of the property. However, the next exploration step should be to quickly look for sectors having higher zinc values ( $\geq 3.5\%$ ). The author thinks that it is possible to achieve this goal by combining the appropriate geochemical, geophysical and structural tools for this very unusual and difficult geological environment.

**RECOMMENDATIONS**

Considering the high probability to find additional mineralization on the property, the author is recommending an aggressive two phase exploration program to fully assess the mineral potential of the Hurdman zinc-silver prospect.

Any clues remaining from the old grid and borehole locations should be surveyed in NAD 83 UTM coordinates. This will be particularly helpful in merging past and ongoing exploration work thus increasing the chances for drill success.

It is of primary importance to acquire detailed structural information on the geological environment of the Hurdman Sulfide Zone. An airborne magnetic survey would enable us to identify the folds, faults and lineaments which control the attitude of the deposit. New and innovative geophysical instruments are making possible to carry out such a survey with a very high degree of accuracy without the disadvantages related to ground surveys.

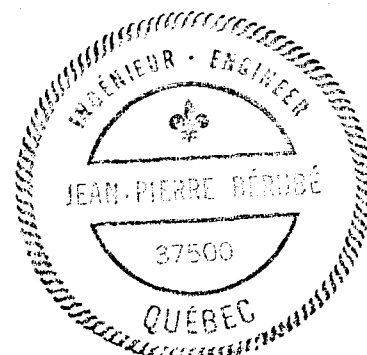
A systematic geochemical study should also be done on mineralized, altered and unaltered sections of the stratigraphic units in order to get better tracking techniques. Further assays and petrographic studies should also be done on the gahnite to clarify its relative importance in zinc values collected so far from the HSZ. BQ coring should be preferred to AQ coring in order to get bigger samples and a better level of confidence in any assay results.

In order to explore the vicinity of the HSZ and to discover other promising areas, it would be prudent to carry out an airborne EM survey (Geotem) to initiate the second phase of exploration.

From the interpretation of the magnetic and electromagnetic surveys and the knowledge we will gain from the geochemistry of the HSZ, we will be able to identify and drill new targets. A surface diamond drilling program totalling 1,500 meters is thus recommended.

*Jean Pierre Bérubé*

Jean-Pierre Bérubé, P.Eng.  
5355, rue de Nantes  
Trois-Rivières, Quebec G8Y 3X1



**REFERENCES**

- 1980. REPORT ON A MAGNETIC AND HEM SURVEY, GROUP 10-11, HURDMAN PROJECT.** Mattagami Lake Exploration Ltd. , by Sutherland, D.B., 4 pages, 3 maps.
- 1980. REPORT ON THE MAGNETIC & HEM SURVEYS, HURDMAN PROJECT, GROUP 13,** for Mattagami Lake Exploration Ltd., by SUTHERLAND, D.B., 10 pages, 1 Mag. map, 6 HLEM maps.
- 1980-81. 40 DIAMOND DRILLING LOGS OF HOLES H-13-80.5 TO 11, 13 TO 45, HURDMAN TWP.,** Mattagami Lake Exploration Ltd., by Biczok, J., Corstrorphine, W., incl. Plan and section views.
- 1981. REPORT ON THE MAGNETIC AND HEM SURVEYS, GROUP 13, EAST EXTENSION, HURDMAN PROJECT.** Mattagami Lake Exploration Ltd., by Sutherland, D.B. 3 pages. 3 maps.
- 1988. REPORT ON THE COMBINED AIRBORNE GEOPHYSICAL SURVEYS ON THE PROPERTY OF MCKINNON PROSPECTING, HURDMAN, BEARDMORE, MACHIN, AND ALEXANDRA TWPS,** H. Federber Geophysics Ltd., by Ahern, L.L., 14 pages, 5 Mag. Maps, 5 VLF maps.
- 1991. REPORT ON A COMBINED HELICOPTER-BORNE MAGNETIC, EM AND VLF-EM SURVEY, HURDMAN PROJECT – AREA A,** for McKinnon Prospecting, by JOHNSON, I., 15 pages, Airborne Mag., EM and VLF maps.
- 1991. REPORT ON A COMBINED HELICOPTER-BORNE MAGNETIC, EM AND VLF-EM SURVEY, HURDMAN PROJECT – AREA B,** for McKinnon Prospecting, by Johnson, I., 15 pages, Airborne Mag., EM and VLF maps.
- 1992. GEOPHYSICAL REPORT ON THE HURDMAN CREEK PROPERTY FOR NORONT RESOURCES,** Rayan Exploration Ltd., by Meikle, R.J., 14 pages, Mag, VLF and HLEM maps.
- 1992. REPORT ON NORONT RESOURCES LTD., HURDMAN PROPERTY,** Durham Geological Services Inc., by Durham, B., 23 pages, 4 Logs from DDH H-92-1 to 4, 1 Mag, map, 2 HEM maps.
- 1992. 5 DIAMOND DRILL LOGS OF HOLES H-92-1 TO 5,** Noront/Galico Resources JV., logged by Durham, B., 1 location map.
- 1998. REPORT OF WORK – 4 DIAMOND DRILLING LOGS OF HOLES 98-1 TO 98-4, HURDMAN JV.** Baltic Resources Inc., by Pierce, G., 5 pages, 4 logs (no assay results).
- 2005. TECHNICAL REPORT – HURDMAN ZINC-SILVER PROSPECT.** MRB & Associates for Eloro Resources Ltd., by Berube, J.P., 24 pages, 3 logs with assay results, 2 maps.



# **APPENDICES 1**

**Diamond Drill Logs – Holes ELO-91-1B, ELO-98-1B, ELO-98-1C & Elo-05-01 to 03**

# HURDMAN PROJECT

**MRB associates**  
mining consultants

**Hole:** ELO-05-01

<b>Easting:</b>	0.00	<b>Northing:</b>	0.00	<b>Elevation:</b>	0.00
<b>UTM Easting:</b>	443270.31	<b>UTM Northing:</b>	5484803.82	<b>UTM Elevation:</b>	0.00
<b>Azimuth:</b>	180.00	<b>Dip:</b>	-70.00	<b>Length:</b>	93.00 m.
<b>Azimuth:</b>	0.00				
<b>Hole Type:</b>	AQ	<b>Zone:</b>	Hurdman Zon	<b>Contractor:</b>	ELORO Ressources
<b>Started:</b>		<b>Finished:</b>		<b>Logged By:</b>	Jean-Sébastien Lavallée
<b>Claim:</b>		<b>Cemented:</b>	<input type="checkbox"/>	<b>Surveyed:</b>	<input type="checkbox"/>
<b>Township:</b>	Hurdman				
<b>Description:</b>					

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	16.20	Overburden - Casing									
1	16.20	17.30	Coarse Pegmatite - Felsic Dyke, coarse grain, light grey with pink potassic feldspar, 3-5% muscovite, lower contact 60° C.A.									
1	17.30	24.40	Biotite-felds-Quartz Gneiss - Biotite-felds-quartz gneiss, medium hardness, fine grain, light grey with locally bleaching; locally silicified, foliation 70°C.A, locally well biotite banded, but generally disseminated, minor pyrite.									
2	24.00	24.40	Pegmatitic dyke - Felsic dyke, coarse grain, white to light grey, 3-5% Muscovite-biotite, minor pyrite in contact.									
1	24.40	27.10	Biotite gneiss - Medium grey banded, small grain, medium hardness, well biotite banded, unmineralized. Foliation 70°C.A.									
1	27.10	31.50	Pegmatitic Dyke - Felsic dyke, coarse grain, light greenish to pink, minor pyrite, 5-10% muscovite, contact 80° C.A.									
1	31.50	58.20	Biotite-garnet gneiss - Light to medium grey banded, small to medium grain, weakly sericitic alteration, minor pyrite with the alteration, banded gneissosity 80°. Locally later pegmatitic dyke or quartz veining with a few pyrite and maybe sphalerite ??? 1% disseminated magnetite.									
2	33.80	35.60	Pegmatitic dyke - Coarse grain, light grey, rich in muscovite, traces of 2% pyrite locally, contact 70-80° C.A.	12814	33.80	35.60	1.80	0.012	0.9	40	792	
2	39.95	43.25										

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
2	39.95	43.25	Altered zone with quartz veining 1-3% Py±Sp? - Altered zone with locally 10% quartz veining, this zone was accompanied by 1-3% Pyrite±Sphalerite (<½%)?	12815	39.95	40.60	0.65	0.376	6.7	265		2.67
				12816	40.60	42.30	1.70	69.000	1.9	107	2520	
				12817	42.30	43.15	0.85	78.000	2.1	109	3620	
1	58.20	75.20	Hurdman Zone - Altered Biotite-Sillimanite-Quartz Gneiss with 2-5% disseminated Pyrite-Sphalerite-Pyrrhotite, locally 10% mineralisation ( Pyrite-Sphalerite-Pyrrhotite), mineral lineation in sillimanite is strongly developed, foliation 70° C.A, and locally variable 40-50° C.A, 1-2% disseminated magnetite.									
2	58.20	61.35	2-5% Sulphides - 2-5% disseminated Pyrite±Pyrrhotite±Sphalerite, banded biotite is strongly developed. Foliation 60-70°, locally variable 40-50° C.A.	12818	58.20	59.20	1.00	2.430	6.8	307	2760	
2	59.20	59.40	Quartz Vein 2-3% Pyrite - Quartz vein with 2-3% pyrite in chunk, contact 55° C.A.	12819	59.20	59.40	0.20	1.010	31.2	401	7980	
				12820	59.40	60.45	1.05	0.335	7.7	395		1.18
				12821	60.45	61.35	0.90	0.407	9.4	363	2920	
2	61.35	61.85	5-7% Sulphides - Same unit but 5-7% Sphalerite-Pyrite±Pyrrhotite, the sphalerite is banded in foliation. Foliation 70° C.A.	12822	61.35	61.85	0.50	0.475	12.3	402		8.69
				12823	61.85	63.30	1.45	0.326	6.7	222	6000	
				12824	63.30	64.80	1.50	0.137	8.6	195	5640	
2	61.85	70.40	2-5% Sulphides - 2-5% disseminated Pyrite±Pyrrhotite±Sphalerite, banded biotite is strongly developed. Foliation 60-70°, locally variable 40-50° C.A.	12825	64.80	66.50	1.70	0.469	6.2	252	1135	
				12826	66.50	67.95	1.45	0.187	6.4	251	7440	
				12827	67.95	69.00	1.05	0.166	5.2	196	3250	
				12828	69.00	70.40	1.40	0.320	6.8	273		2.12
				12829	70.40	71.20	0.80	0.137	7.1	145		2.44

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
			4% Pyrite-Sphalerite±Pyrrhotite, little bleach zone.									
2	71.20	75.20	2-4% Sulphides	12830	71.20	71.50	0.30	83.000	6.1	198		2.20
			- 2-4% disseminated Pyrite-	12831	71.50	71.85	0.35	63.000	6.0	247		1.57
			Sphalerite(1-2%)±Pyrrhotite,	12832	71.85	72.50	0.65	0.182	8.3	227		2.08
			sillimanite is well developed,	12833	72.50	73.15	0.65	0.040	5.0	30	2080	
			locally pyrite in chunk, foliation 70° C.A.	12834	73.15	75.20	2.05	0.195	10.0	230		2.76
1	75.20	79.20	Pegmatitic dyke	12835	75.20	76.50	1.30	0.132	67.8	296		1.45
			- Coarse grain, light greenish, well mineralized, 5-10% Pyrite, locally in chunk, maybe a few sphalerite <½%, contact 60-65° C.A.	12836	76.50	77.70	1.20	0.132	24.9	352	3050	
				12837	77.70	79.20	1.50	0.102	3.9	114	533	
1	79.20	93.00	Biotite-quartz-felds gneiss	12838	79.20	80.35	1.15	0.100	3.1	38		1.44
			- Well biotite banded, foliation 70-80° C.A, locally bleach. Locally 2-3% Pyrite with quartz veining.	12839	80.35	81.95	1.60	0.318	5.0	53	5400	
				12840	81.95	82.90	0.95	0.045	3.8	87	225	
2	82.00	82.90	Quartz vein									
			- Quartz vein, biotite and muscovite alteration, light greenish, 1-2% Pyrite- Pyrrhotite±Sphalerite??, contact 45-55° C.A.									
				12841	82.90	84.80	1.90	0.037	2.4	29	310	
2	87.50	88.50	Pegmatitic dyke									
			- Coarse grain, light grey, rich in muscovite, traces of 2% pyrite locally, lower contact 70° C.A, upper contact 55° C.A.									
2	90.25	91.50	Pegmatitic dyke									
			- Coarse grain, light grey, rich in muscovite, traces of 2% pyrite locally, lower contact 60° C.A, upper contact 35° C.A.									
2	92.00	93.00	Pegmatitic dyke									
			- Coarse grain, light grey, rich in muscovite, traces of 2% pyrite locally, upper contact 45° C.A.									



# HURDMAN PROJECT

**MRB** associates  
mining consultants

**Hole:** ELO-05-02

Easting:	0.00	Northing:	0.00	Elevation:	0.00
UTM Easting:	443239.82	UTM Northing:	5484817.54	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-70.00	Length:	97.80 m.
Azimuth:	0.00				
Hole Type:	AQ	Zone:	Hurdman Zon	Contractor:	ELORO Resources
Started:		Finished:		Logged By:	Jean-Sébastien Lavallée
Claim:		Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:					

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	23.00	Overburden - Casing									
1	23.00	48.45	Biotite-Felds Gneiss - Rich in biotite, unmineralized, well foliated 60-70°C.A, weakly altered sericite.									
2	42.10	42.80	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A.									
2	43.30	44.20	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A.									
2	45.65	48.45	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A. locally traces of pyrite.	12909 12910	45.65 46.85	46.85 48.45	1.20 1.60	0.012 0.048	0.7 1.3	32 82	212 798	
1	48.45	66.40	Biotite-Quartz-Sillimanite Gneiss - Weakly silicified, locally 1-2% sillimanite, injected by pegmatitic dyke, 1-3% Pyrite-Sphalerite±Pyrrhotite. Well developed foliation 60-70° C.A. the sphalerite is contain in foliation and disseminated ( banded).	12842 12843 12844	48.45 50.20 51.45	50.20 51.45 52.65	1.75 1.25 1.20	0.071 0.097 0.134	1.9 2.5 2.4	128 120 165		1.29 3.54 1.32
2	52.65	53.25	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A. breccia texture, 3-5% Py-Po-	12845	52.65	53.25	0.60	0.402	4.6	106	3590	
2	54.00	56.70	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A. unmineralized.	12846 12847	53.25 56.70	54.00 58.60	0.75 1.90	0.960 0.155	2.9 7.9	179 416		1.30 1.66

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	66.40	94.55	Hurdman Zone - Altered Biotite-Sillimanite-Quartz Gneiss with 2-10% disseminated Pyrite-Sphalerite-Pyrrhotite, locally 50- 90% (semi-massive to massive), mineralisation (Pyrrhotite-Pyrite- Sphalerite), locally silicified, mineral lineation in sillimanite is strongly developed, the foliation is variable ; 50- 80° C.A.	12848	58.60	59.90	1.30	0.108	4.5	127		1.08
				12849	59.90	60.70	0.80	0.541	5.5	289		5.10
				12850	60.70	62.10	1.40	0.073	2.6	91	4400	
				12851	62.10	63.40	1.30	0.045	2.1	50	3060	
				12852	63.40	64.90	1.50	0.040	1.2	32	1725	
				12853	64.90	66.40	1.50	0.064	4.1	63		1.02
2	66.40	67.65	Silicified, 2-3% Sphalerite-Pyrite - Silicified zone, sillimanite is strongly developed, well banded spahlerite(±2%) with disseminated pyrite.	12854	66.40	67.70	1.30	0.188	6.3	122		5.10
2	67.55	69.50	2-5% Sulphides - 2-5% Pyrite-Spahlerite- Pyrrhotite, sphalerite is banded in foliation.	12855	67.70	68.65	0.95	0.893	12.4	239		2.57
				12856	68.65	69.50	0.85	0.090	4.8	76	2030	
2	69.50	70.15	Silicified, 2-4% Sphalerite-Pyrite - Silicified zone, sillimanite is strongly developed, well banded spahlerite(±3%) with disseminated pyrite.	12857	69.50	70.15	0.65	0.152	5.8	264		5.20
2	70.15	75.25	2-5% Sulphides - 2-5% Pyrite-Spahlerite- Pyrrhotite, sphalerite is banded in foliation. Pyrite is frequently in chunk.	12858	70.15	71.30	1.15	0.138	8.9	183		2.48
				12859	71.30	72.00	0.70	0.475	6.0	96		9.54
				12860	72.00	72.70	0.70	0.088	4.3	87	6950	
				12861	72.70	73.50	0.80	0.749	78.2	133		3.77
				12862	73.50	74.75	1.25	0.157	7.4	218		1.27
2	75.25	75.90	Silicified, 2-4% Sphalerite-Pyrite - Silicified zone with disseminated pyrite.	12863	74.75	75.25	0.50	0.089	5.7	155	3210	
				12864	75.25	75.90	0.65	0.313	11.9	191	5680	
2	75.90	83.55										

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
2	75.90	83.55	2-5% Sulphides - 2-5% Pyrite-Sphalerite- Pyrrhotite disseminated and locally banded, rich in biotite and weakly silicified.	12865	75.90	77.10	1.20	0.663	14.5	432		3.14
				12866	77.10	78.80	1.70	0.259	17.1	363		2.77
				12867	78.80	79.90	1.10	0.260	13.9	287		3.27
				12868	79.90	81.00	1.10	0.484	13.8	251		3.09
				12869	81.00	82.70	1.70	0.217	17.1	249		4.17
				12870	82.70	83.55	0.85	0.012	2.5	42	365	
2	83.55	88.50	Silicified, Altered sillimanite, 4-7% Sulphides - Silicified zone with strongly developped sillimanite, 4-7% Spahlerite-Pyrite±Pyrrhotie, Sphalerite is very well banded.	12871	83.55	84.70	1.15	0.354	10.6	96		3.63
				12872	84.70	85.75	1.05	0.280	12.2	22		5.86
				12873	85.75	87.00	1.25	0.223	11.9	127		5.15
				12874	87.00	87.65	0.65	0.207	6.5	43		1.20
				12875	87.65	88.50	0.85	0.457	-1.0	27	362	1.71
2	88.50	90.80	Massive sulphides - 70-90% Pyrrhotite-Pyrite- Sphalerite, silicified.	12876	88.50	90.00	1.50	0.044	13.1	543	7650	
				12877	90.00	90.80	0.80	0.723	11.8	408	2810	
2	90.80	94.10	Altered zone with pegmatite dyke - Little breccia zone, strongly altered with injection of pegmatitic dyke, locally 1-3% Pyrite- Pyrrhotite±Sphalerite.	12878	90.80	92.30	1.50	0.572	13.0	269	3180	
				12879	92.30	94.10	1.80	0.069	12.7	74	2680	
2	94.10	94.55	Massive sulphides - 70-90% Pyrrhotite-Pyrite- Sphalerite, silicified.	12880	94.10	94.55	0.45	0.221	11.9	678	2220	
1	94.55	97.80	Biotite Gneiss - Weakly altered sericite-Biotite, unmineralized, fine grain.									
2	94.55	95.00	Pegmatitic dyke - Felsic dyke, coarse grain, breccia texture.	12881	94.55	95.00	0.45	0.027	20.4	89	471	

End of Lithology and Assays ;

# HURDMAN PROJECT

**MRB** & associates  
mining consultants

**Hole:** ELO-05-03

Easting:	0.00	Northing:	0.00	Elevation:	0.00
UTM Easting:	443322.43	UTM Northing:	5484787.06	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-70.00	Length:	83.10 m.
Azimuth:	0.00				
Hole Type:	AQ	Zone:	Hurdman Zon	Contractor:	ELORO Resources
Started:		Finished:		Logged By:	Jean-Sébastien Lavallée
Claim:		Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:					

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	12.50	Overburden - Casing									
1	12.50	34.50	Biotite Gneiss - Unaltered, unmineralized, fine grain, medium hardness, well foliated 70-80° C.A, little section with garnet.									
2	34.50	36.20	Pegmatitic dyke - Felsic dyke, coarse grain, unmineralized, unaltered, contact 80° C.A.									
2	36.20	41.70	Biotite Gneiss 1% sulphides - Well banded biotite gneiss, traces of 1% Pyrite-sphalerite, weakly sericitic alteration, foliation 70-80° C.A.	12911	36.20	36.80	0.60	0.093	1.8	88	6010	
1	36.80	68.30	Mineralized Gneiss - Biotite Gneiss with a section of sillimanite-garnet-quartz gneiss, well biotite-sillimanite banded, 1-3% Pyrite- Sphalerite-Pyrrhotite with locally 60- 90% Sulphides, the sphalerite is associated with the sillimanite-quartz gneiss and she is generatly banded in foliation, foliation 70-80° C.A.	12882 12883 12884	36.80 38.45 40.05	38.45 40.05 41.70	1.65 1.60 1.65	0.142 0.060 0.092	1.6 1.1 2.7	67 68 117	3030 2840 4750	
2	41.70	43.60	Silimanite-Quartz Gneiss <1% Sulphides - Altered section sillimanite- Quartz-Sericite, well foliated 80° C.A, < 1% pyrite	12885	41.70	43.60	1.90	0.061	3.3	120	7770	
2	43.60	53.60	Altered Biotite-Garnet Gneiss 2- 4% Sulphides - Weakly altered section ( bleach , little silicified section (40-50 cm), locally well foliated sillimanite- sericite. 2-4% disseminated Pyrite- Sphalerite(<1%)±Pyrrhotite, 48,10 to 48,60 : Quartz veining.	12886 12887 12888 12889 12890 12891 12892 12893	43.60 45.00 46.50 48.00 49.50 51.00 52.20 52.50	45.00 46.50 48.00 49.50 51.00 52.20 53.60	1.40 1.50 1.50 1.50 1.50 1.20 0.30 1.10	0.007 0.162 0.134 0.186 0.166 0.236 0.165 0.191	0.2 2.9 3.7 7.8 8.8 12.1 13.2 12.9	21 220 199 229 273 235 333 242	291 5740 2840 2160 677 1520 3860 1630	
2	53.60	68.30	Hurdman Zone 3-90% Sulphides	12894	53.60	55.10	1.50	0.690	18.3	246	6410	

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %	
3	61.25	61.45	- Altered section Quartz-Sillimanite-Séricite, generally 3-5% Pyrite-SphaleritePyrrhotie with locally a nice section of massive sulphides. Foliation 70-80° C.A.	12895	55.10	56.60	1.50	1.220	18.4	195	6830	10.75	
				12896	56.60	57.05	0.45	1.020	23.4	156			
				12897	57.05	57.75	0.70	1.600	75.9	86	399		
				12898	57.75	58.75	1.00	0.085	8.2	106	2350		
				12899	58.75	60.00	1.25	0.334	21.8	207	8000		1.67
				12900	60.00	61.25	1.25	0.235	21.0	244			
3	67.25	68.30	Massive sulphides - 70-80% Pyrrhotite-Pyrite-Sphalerite, contact 70° C.A.	12901	61.25	61.45	0.20	0.299	13.2	255		3.17	
				12902	61.45	62.40	0.95	0.118	9.0	73	1675		
				12903	62.40	62.95	0.55	0.026	2.1	41	324		
				12904	62.95	64.10	1.15	0.583	63.6	99	4790		
				12905	64.10	65.10	1.00	1.375	21.7	54	1100		
				12906	65.10	65.90	0.80	0.336	20.0	53		2.28	
				12907	65.90	67.25	1.35	0.246	26.7	184		1.67	
				12908	67.25	68.30	1.05	0.085	10.9	605	7760		
1	68.30	76.65	Biotite Gneiss - Fine grain, well foliated 70-80°C.A, unaltered, unmineralized.	12912	68.30	69.50	1.20	0.077	1.8	88	6010		
1	76.65	83.10	Pegmatitic Dyke - Felsic Dyke, coarse grain, ligh grey to pinkish, unmineralized.										

End of Lithology and Assays ;

# Hurdman Project

**MRB** associates  
mining associates

**Hole:** ELO-98-1B

Easting:	7200.00	Northing:	-1550.00	Elevation:	0.00
UTM Easting:	443505.00	UTM Northing:	5484793.16	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-70.00	Length:	93.00 m.
Azimuth:	0.00				
Hole Type:	AQ	Zone:	17	Contractor:	
Started:	05-01-16	Finished:	05-01-16	Logged By:	Jean-Sébastien Lavallée
Claim:		Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:	Twin of Hole 98-1.				



# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
1	0.00	11.50	Overburden - Casing										
1	11.50	34.70	Biotite-Garnet Gneiss - weakly altered, well foliation 70-80° C.A, unmineralized, 5-15% garnet 2- 10mm size, locally small pegmatitic dyke (10-30 cms). < 1% disseminated magnetite										
2	34.20	34.70	Quartz vein - Quartz vein or white pegmatitic dyke. 80° C.A. Unmineralized.										
1	34.70	59.55	Hurdman Zone - Altered Biotite-Sillimanite-Quartz- Felds Gneiss with 2-10% disseminated pyrrhotite-pyrite-sphalerte, locally 20 to 30%(semi-massive) mineralisation ( Pyrothite-Pyrite-Sphalerite), mineral lineation in sillimanite is strongly developed, well foliation 75-80° C.A , Garnet are common. Locally 1-5% disseminated magnetite.										
2	34.70	44.20	2-5% Py-Po±Sp - 2-5% disseminated Py-Po±Sp, well sillimanite-biotite banded, variable amount of gamet, grey to black colour. Foliation 70-80°C.A, locally very big chunk of pyrite ( 2- 4cms).	199175	34.70	36.00	1.30	72	1.6	249	798		
				199176	36.00	37.50	1.50	124	3.6	632	1045		
				199177	37.50	39.00	1.50	61	2.1	299	290		
				199178	39.00	40.50	1.50	77	2.8	366	430		
				199179	40.50	42.00	1.50	184	6.9	1055	1295		
				199180	42.00	43.50	1.50	118	6.8	675	2870		
				199181	43.50	44.20	0.70	79	10.6	206	429		
2	44.20	48.90	Silicified zone 2-5% Py-Po±Sp - Silicified Zone with 2-5% disseminated Py-Po-Sp, ±2% Sp, foliation 70-80°C.A.	199182	44.20	45.70	1.50	142	10.7	217	1430		
				199183	45.70	46.85	1.15	124	13.6	236	6910		
				199184	46.85	47.75	0.90	98	11.0	205	5910		
				199185	47.75	48.90	1.15	272	28.9	409		1.52	
2	48.90	50.45	3-7% Py-Po-Sp - 3-7% Disseminated Py-Po-Sp, 1- 2% Sp, coarse grained, ±magnetite, Pyrite bands, very rich in biotite, little faulted and bleached.	199186	48.90	50.45	1.55	580	31.0	236	510		
2	50.45	52.85	Pegmatitic dyke	199187	50.45	52.00	1.55	40	6.7	102	116		

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
			- Coarse grained, light grey, 1-2% disseminated Py. Well contacts 80° C.A.	199188	52.00	52.85	0.85	22	3.2	42	41		
2	52.85	53.80	20-30% Py-Po-Sp - 20-30% disseminated Py-Po-Sp, chloritic material, lot amount of biotite, semi-massive sulphides zone.	199189	52.85	53.80	0.95	326	57.0	1180	2140		
2	53.80	59.55	2-5% Py-Po±Sp - 2-5% disseminated Py-Po±Sp, locally 2-3% Sp, well sillimanite-biotite banded, variable amount of garnet, grey to black colour. Foliation 70-80°C.A, locally very big chunk of pyrite ( 2-4cms).	199190	53.80	55.30	1.50	51	5.9	57	1780	1.64	
				199191	55.30	56.80	1.50	134	16.5	203			
				199192	56.80	58.20	1.40	123	8.1	125	2050		
				199193	58.20	59.55	1.35	37	3.0	50	188		
1	59.55	93.00	Biotite-Quartz-Felds-Garnet Gneiss - Well biotite banded, 1-2% Garnet, foliation 80°C.A, locally bleach, unmineralized. Little zone with epidote veinlets between 75 and 85 meters.										
2	59.55	60.30	Pegmatitic dyke - Little pegmatitic dyke, rich in muscovite, 1-3% magnetite, 1-2% Py-Po±Sp, well contacts 80° C.A.	199194	59.55	60.30	0.75	2860		116	236		245

End of Lithology and Assays ;

# Hurdman Project

**MRB associates**  
mining consultants

**Hole: ELO-98-1C**

Easting:	7200.00	Northing:	-1550.00	Elevation:	0.00
UTM Easting:	443505.00	UTM Northing:	5484793.16	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-45.00	Length:	76.50 m.
Azimuth:	0.00				
Hole Type:	AQ	Zone:	17	Contractor:	
Started:	05-01-16	Finished:	05-01-16	Logged By:	Jean-Sébastien Lavallée
Claim:		Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:	Second Hole at 98-1 Set Up.				

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
1	0.00	14.80	Overburden - Casing										
1	14.80	36.00	Biotite-Garnet Gneiss - Unaltered, unmineralized, well foliated 70-80° C.A, locally very big Garnet 1-2 cms,										
1	36.00	41.20	Biotite-Garnet-Sillimanite Gneiss - Weakly altered, 2-5% Sillimanite, well mineral lineation, foliation 80°C.A, unmineralized.										
1	41.20	62.30	Hurdman Zone - Altered Biotite-Sillimanite-Quartz- Felds Gneiss with 2-10% disseminated pyrrhotite-pyrite-sphaleirte, locally 20 to 60%(semi-massive) mineralisation ( Pyrrothite-Pyrite-Sphalerite), silicified, mineral lineation in sillimanite is strongly developed, the foliation is irregular ,some are 75-80° C.A and the other are 20-30° C.A. 1-3% disseminated magnetite.										
2	41.20	55.40	2-5% Py-Po-±Sp - 2-5% Py-Po-±Sp, well foliated 70-80°C.A, weakly altered Sillimanite-Quartz-Séricite,	199195	41.20	42.70	1.50	167	1.9	330	309		
				199196	42.70	44.20	1.50	235	3.0	500	314		
				199197	44.20	45.00	0.80	104	2.7	527	540		
				199198	45.00	46.50	1.50	172	4.6	611	3560		
				199199	46.50	48.00	1.50	130	6.6	296	4270		
				199200	48.00	49.50	1.50	125	10.4	229	2540		
				12801	49.50	51.00	1.50	55	6.0	171	513		
				12802	51.00	52.50	1.50	123	20.1	272	5580		
				12803	52.50	54.00	1.50	475	21.7	299	8130		
				12804	54.00	55.40	1.40	177	21.9	245	4740		
2	55.40	55.60	40-60% Py-Po-Sp - Semi-massive Py-Po-Sp, Silicified.	12805	55.40	55.60	0.20	191	22.5	214	1180		
2	55.60	55.85	Quartz Vein - Unmineralized, 80° C.A orientation.	12806	55.60	55.85	0.25	0	0.8	21	184		
2	55.85	56.35	2-5% Py-Po-±Sp - 2-5% Py-Po-±Sp, well foliated 70-80°C.A, weakly altered	12807	55.85	56.35	0.50	192	3.9	117	2730		

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
2	56.35	57.20	Sillimanite-Quartz-Séricite, Pegmatitic dyke - Coarse grained, 1-2% Py-Po±Sp, séricite-muscovite	12808	56.35	57.20	0.85	42	11.9	265	2610		
2	57.20	58.20	40-60% Py-Po-Sp - Semi-massive to massive Py-Po-Sp, silicified, a few quartz veinelets	12809	57.20	58.20	1.00	168	13.4	270	4270		
2	58.20	62.30	2-5% Py-Po±Sp - 2-5% Py-Po±Sp, well foliated 70-80°C.A, weakly altered Sillimanite-Quartz-Séricite,	12810 12811 12812	58.20 59.70 61.00	59.70 61.00 62.30	1.50 1.30 1.30	111 61 233	12.2 5.9 7.7	72 63 116		1.07 760 5750	
1	62.30	66.45	Pegmatitic dyke - Coarse grained, locally altered biotite-sericite-muscovite with 1-2% Py-Po, contacts 65° C.A.	12813	62.70	63.65	0.95	138	9.8	123		1.83	
1	66.45	76.50	Biotite-Garnet Gneiss - Well banded biotite, 1-2% Garnet, foliation 80°C.A, locally bleach, locally minor pyrite interbeds. Little zone with epidote veinlets between 75 and 85 meters. Weakly sericitized.										

End of Lithology and Assays ;

# Hurdman Project

**MRB associates**  
mining consultants

**Hole: ELO-91-1B**

Easting:	6800.00	Northing:	-1550.00	Elevation:	0.00
UTM Easting:	443383.08	UTM Northing:	5484793.16	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-55.00	Length:	90.00 m.
Azimuth:	0.00				
Hole Type:	AQ	Zone:	17	Contractor:	
Started:	05-01-15	Finished:	05-01-15	Logged By:	Jean-Sébastien Lavallée
Claim:		Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:	Twin of Hole 91-1.				

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
1	0.00	13.00	Overburden - Casing										
1	13.00	32.35	Biotite-garnet Gneiss - Light to medium grey banded, small to medium grain, weakly sericitic alteration, minor pyrite with the alteration, foliation 80°C.A. Locally later pegmatite dyke with a little fault. < 1% disseminated magnetite.										
1	32.35	39.00	Coarse Pegmatite - Felsic dyke, coarse grain, light greenish grey, minor pyrite, 3-5% muscovite, contact 60-70°C.A.										
1	39.00	70.00	Hurdman Zone - Altered Biotite-Sillimanite-Quartz-Felds Gneiss with 2-10% disseminated pyrrhotite-pyrite-sphalerite, locally 20 to 60%(semi-massive) mineralisation (Pyrrhotite-Pyrite-Sphalerite), mineral lineation in sillimanite is strongly developed, the foliation is irregular some are 75-80° C.A and the other are 20-30° C.A. 1-3% disseminated magnetite.										
2	39.00	57.15	2-5% sulphides - 2-5% disseminated pyrrhotite-pyrite ± sphalerite. Weakly silicified, foliation ±70°C.A, locally variable 20-30° C.A.	199151	39.00	40.50	1.50	152	1.7	112	688		
				199152	40.50	42.00	1.50	95	1.8	131	691		
				199153	42.00	43.50	1.50	119	1.8	147	444		
				199154	43.50	45.00	1.50	112	1.4	191	1415		
				199155	45.00	46.50	1.50	247	4.5	483	3110		
				199156	46.50	48.00	1.50	207	5.1	366		1.64	
				199157	48.00	49.50	1.50	214	8.3	577		2.46	
				199158	49.50	51.00	1.50	181	4.1	405	720		
				199159	51.00	52.50	1.50	85	3.8	202	3980		
				199160	52.50	54.00	1.50	225	9.0	290		1.55	
				199161	54.00	55.50	1.50	269	7.9	399		1.67	
				199162	55.50	57.15	1.65	138	5.8	154	4060		
2	57.15	60.70	5-8% Sulphides - Same unit, but 5-8% disseminated pyrrhotite-pyrite-sphalerite. Variably sericitized. Little bleach zone.	199163	57.15	58.25	1.10	181	17.3	264	1795		
				199164	58.25	59.25	1.00	272	12.2	325		1.15	
				199165	59.25	60.70	1.45	677	29.3	315	5520		
2	60.70	63.00											

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
2	60.70	63.00	2-3% Sulphides - 2-3% Disseminated pyrrhotite-Pyrite±Sphalerite. Little bleach zone.	199166 199167	60.70 61.70	61.70 63.00	1.00 1.30	208 160	9.8 12.4	126 93	1670 2910		
2	63.00	67.50	10-80% Sulphides - 10-80% Pyrrhotite-Sphalerite-Pyrite, Sphalerite is more present ± 30% of the mineralisation. 64.50 to 65.10 m: semi-massive to massive mineralisation ( 30% Pyrrhotite, 25% Sphalerite, 25% Pyrite), Foliation 60 to 80° C.A.	199168 199169 199170 199171 199172	63.00 64.50 65.10 65.60 66.55	64.50 65.10 65.60 66.55 67.50	1.50 0.60 0.50 0.95 0.95	134 455 99 167 367	17.0 10.0 7.0 12.2	206 232 188 387 392	5650	8.93 3.62 7.34 1.60	800
2	67.50	70.00	2-4% Sulphides - 2-4% disseminated pyrrhotite-pyrite ± sphalerite, locally little chunk of pyrite. Foliation 80° C.A	199173 199174	67.50 69.00	69.00 70.00	1.50 1.00	24 59	2.3 4.2	44 94	368 234		
1	70.00	90.00	Biotite-Felds-Quartz-Garnet Gneiss - Well biotite banded, 1-2% Garnet, foliation 80°C.A, locally bleach, unmineralized.										
2	73.00	74.55	Pegmatite - Pegmatitic dyke, coarse grained, light grey, contact 80° C.A., 5% muscovite, unmineralized.										
2	80.45	80.75	Pegmatitic dyke - Pegmatitic dyke, coarse grained, light grey, contact 80° C.A., 5% muscovite, unmineralized.										

End of Lithology and Assays :



# HURDMAN PROJECT



**Hole:** ELO-91-1-C

Easting:	0.00	Northing:	0.00	Elevation:	0.00
UTM Easting:	443383.08	UTM Northing:	5484793.16	UTM Elevation:	0.00
Azimuth:	0.00	Dip:	-90.00	Length:	102.00 m.
Azimuth:	0.00				
Hole Type:	AQ	Zone:	17	Contractor:	ELORO Resources
Started:		Finished:		Logged By:	Jean-Sébastien Lavallée
Claim:		Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:	Second hole at 91-1 Set Up.				

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	11.60	Overburden - Casing									
1	11.60	28.10	Biotite Gneiss - Light to medium grey banded, small to medium grain, weakly sericitic alteration, very rich in biotite, locally 40% Biotite, well banded biotite (gneissosity) 80° C.A, minor pyrite, locally little later pegmatite dyke. < 1% magnetite.									
2	13.60	14.20	Pegmatite dyke - Felsic dyke, coarse grain, light grey, contact : 60-65°C.A, 3-5% muscovite, unmineralized.									
1	28.10	35.30	Pegmatite dyke - Felsic Dyke, coarse grain, light greenish grey to pinkish, minor pyrite, 3-5% muscovite-biotite, upper contact: 85° C.A, lower contact : 70° C.A									
1	35.30	63.75	Hurdman Zone - Altered Biotite-Sillimanite-Quartz Geiss with 1-10% sulphides, generally disseminated Pyrite-Sphalerite±Pyrrhotite, locally mineral lineation in sillimanite is strongly developed, the foliation is variable some are 65-75° and the other are 25-35° C.A , <1% magnetite.									
2	35.30	38.10	<1% sulphides - Zone with minor pyrite.	12913	35.30	36.90	1.60	0.122	2.0	167	1115	
				12914	36.90	38.10	1.20	0.120	1.7	182	646	
2	38.10	38.80	Quartz vein - Quartz vein, minor pyrite, contact 55-60°C.A.	12915	38.10	38.80	0.70	0.019	0.7	49	258	
2	38.80	40.15	2-5% Sulphides - 2-5% Pyrite, little veining, foliation 70° C.A.	12916	38.80	40.15	1.35	0.104	1.7	225	783	
2	40.15	41.50	1% Sulphides	12917	40.15	41.50	1.35	0.082	1.5	164	2140	

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
			- 1% Pyrite, massive section,									
2	41.50	45.00	2-5% Sulphides	12918	41.50	42.60	1.10	0.309	4.8	397	1015	
			- 2-5%	12919	42.60	43.50	0.90	0.741	10.9	785	1675	
			Pyrite±Sphalerite±Pyrrhotite, silicified, quartz veining, foliation 40-70° C.A.	12920	43.50	45.00	1.50	1.160	7.9	849	1305	
2	45.00	46.95	1% Sulphides	12921	45.00	46.25	1.25	0.048	1.0	146	227	
			- Massive section, minor to 1% Pyrite. Foliation 70° C.A	12922	46.25	46.95	0.70	0.168	3.9	475	542	
2	46.95	48.50	2-4% Sulphides	12923	46.95	48.50	1.55	0.238	5.2	506	1475	
			- Silicified section with quartz veining, 2-4% Pyrite±Sphalerite±Pyrrhotite, foliation 60-70° C.A									
2	48.50	48.70	10-15% Sulphides	12924	48.50	48.70	0.20	1.050	3.0	286	4890	
			- 10-15% Pyrite- Pyrrhotite±Sphalerite, silicified.									
2	48.70	49.85	1% Sulphides	12925	48.70	49.85	1.15	0.112	2.8	254	349	
			- 1% Pyrite±Pyrrhotite±Sphalerite, biotite rich, altered.									
2	49.85	50.40	1-2% Sulphides	12926	49.85	50.40	0.55	0.081	1.0	135	125	
			- Silicified and quartz veining zone, 1-2% Pyrite.									
2	50.40	51.55	2-3% Sulphides	12927	50.40	51.55	1.15	0.138	3.6	427	1430	
			- Silicified, 2-3% Pyrite±Pyrrhotite disseminated.									
2	51.55	54.45	1% Sulphides	12928	51.55	53.00	1.45	0.082	2.3	160	3070	
			- 1% disseminated Pyrite- ±Pyrrhotite±Sphalerite, weakly altered. Foliation 60° C.A.	12929	53.00	54.45	1.45	0.060	1.1	92	272	
2	54.45	55.70	2-3% Sulphides	12930	54.45	55.00	0.55	0.639	25.7	322		1.13
			- 2-3% Pyrite- Sphalerite±Pyrrhotite, weakly silicified	12931	55.00	55.70	0.70	0.347	17.1	404		2.25
2	55.70	56.25										

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
2	55.70	56.25	5-10% Sulphides - 2-4% Pyrite-Pyrrhotite, 3-5% Sphalerite, weakly silicified,	12932	55.70	56.25	0.55	0.547	62.7	444		15.30
2	56.25	59.40	1-3% Sulphides - 1-3% Pyrite- Sphalerite±Pyrrhotite, well foliated 60-70° C.A, high sillimanite alteration.	12933	56.25	57.00	0.75	0.248	10.9	261	4340	
				12934	57.00	58.30	1.30	0.033	2.8	76	553	
				12935	58.30	59.40	1.10	0.197	11.5	149	1895	
2	59.40	60.10	2-4% Sulphides - 2-4% Pyrite- Pyrrhotite±Sphalerite, weakly silicified, moderate sillimanite alteration.	12936	59.40	60.10	0.70	0.100	13.5	235	1550	
2	60.10	60.40	Quartz Vein - Quartz vein, minor pyrite, contact 70° C.A	12937	60.10	60.40	0.30	0.146	9.0	55		1.45
2	60.40	61.45	2-5% Sulphides - 2-5% Pyrrhotite-Sphalerite- Pyrite, weakly silicified.	12938	60.40	61.45	1.05	0.146	11.5	243		2.75
2	61.45	62.30	1-2% Sulphides - 1-2% Pyrite-Pyrrhotite, weakly silicified.	12939	61.45	62.30	0.85	0.042	3.9	76	1150	
2	62.30	63.00	4-7% Sulphides - 4-7% Pyrite-Pyrrhotite- Sphalerite, Silicified.	12940	62.30	63.00	0.70	0.575	24.3	205		1.47
2	63.00	63.75	1-2% Sulphides - 1-2% Disseminated Pyrite.	12941	63.00	63.75	0.75	0.057	2.2	26	166	
1	63.75	102.00	Biotite-Garnet Gneiss - Well biotite banded, 1-2% garnet(1-5mm) with locally 5-7%, foliation 70°C.A, locally bleach, weakly sericitic alteration, unmineralized, injected by small later pegmatite dyke or quartz vein. Little silified section between 86.00 to 89.80 but unmineralized. Locally weakly sillimanite alteration.									
2	77.45	77.65	Quartz vein									

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
			- Quartz vein, minor pyrite, contact 70-80° C.A.									

*End of Lithology and Assays ;*

# **APPENDICES 2**

**Certificates of analysis and ALS-Chemex Assay Methods**



**Geochemical Procedure - ME-AA45**  
**Atomic Absorption Spectroscopy - Aqua Regia Digestion**

**Sample Decomposition:** Nitric Aqua Regia Digestion  
**Analytical Method:** Atomic Absorption Spectroscopy (AAS)

A prepared sample (0.50 grams) is digested with aqua regia for at least one hour in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 ml with demineralized water, mixed and analyzed by atomic absorption spectrometry. The elements arsenic, cadmium, cobalt, indium, lead, nickel, and silver are background corrected.

ALS Chemex Method Code	Element	Symbol	Detection Limit	Upper Limit	Units
Ag-AA45	Silver	Ag	0.2	100	ppm
As-AA45	Arsenic	As	1	10,000	ppm
Cd-AA45	Cadmium	Cd	0.1	200	ppm
Co-AA45	Cobalt	Co	1	10,000	ppm
Cu-AA45	Copper	Cu	1	10,000	ppm
Fe-AA45	Iron	Fe	0.01	15	%
Mn-AA45	Manganese	Mn	5	10,000	ppm
Mo-AA45	Molybdenum	Mo	1	10,000	ppm
Ni-AA45	Nickel	Ni	1	10,000	ppm
Pb-AA45	Lead	Pb	1	10,000	ppm
Sb-AA45	Antimony	Sb	5	10,000	ppm
Zn-AA45	Zinc	Zn	1	10,000	ppm



**ALS Chemex**

**CHIMITEC**

**Méthode AA45**

**DETERMINATION DU CUIVRE, ZINC ET ARGENT PAR SPECTROMÉTRIE  
D'ABSORPTION ATOMIQUE**

**PROCÉDURE:**

Une portion de 0.5 grammes d'échantillon est digérée avec de l'acide nitrique et de l'acide chlorhydrique. Les métaux ainsi dissous sont dosés par absorption atomique.

Appareil Varian spectrAA-55.

Longueur d'onde utilisée :	Cu: 324.8 nm
	Zn : 213.9 nm
	Ag: 328.1 nm





ALS Chemex

CHIMITEC

Procédure : AU-AA23

DETERMINATION DE L'OR PAR SPECTROMETRIE D'ABSORPTION ATOMIQUE SUITE A  
UNE PRE-CONCENTRATION PAR PYROANALYSE.

- REACTIFS :
- Litharge (PbO)
  - Soda
  - Borax anhydre
  - Silice
  - Farine (oxydant)
  - Nitrate de potassium (réducteur)
  - Acide nitrique (HNO<sub>3</sub>)
  - Acide Chlorhydrique (HCl)
  - Argent (AgNO<sub>3</sub>)

PROCEDURE :

- Dans un creuset d'argile réfractaire contenant environ 170 grammes de fondant à base de litharge, soda, borax et silice, ajouter 30 grammes d'échantillons, puis mélanger.
- Ajouter 4 mg d'argent servant de récupérateur pour l'or.
- Recouvrir le tout d'un peu de borax
- Placer la charge (84 creusets) au four à 1950°F pendant environ 45 minutes.
- Retirer les creusets en fusion du four et verser le produit de la fusion dans un moule, laisser refroidir.
- Au moyen d'un marteau, briser la scorie et recueillir le bouton de plomb obtenu de la fusion.

- Procéder à la coupellation, c'est-à-dire l'évaporation du plomb et la récupération de la bille d'argent contenant l'or.
  
- Déposer la bille d'argent dans une éprouvette (13 X 100mm)
  - Procéder à la digestion de cette bille d'argent en utilisant l'acide nitrique (pour dissoudre l'argent) et l'acide chlorydrique qui formera l'eau régale pour dissoudre et amener en solution l'or.
  
  - Diluer à 5 mls avec de l'eau déminéralisé.
  
  - Dosage de l'or (ppb ou g/tm) par spectrométrie d'absorption atomique (Varian Spectra 10)

Longueur d'onde ( $\lambda$ ) utilisée : 242.8Nm



# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Téléphone: 604 984 0221 Télécopieur: 604 984 0218

A: MRB ET ASSOCIES  
1020, 4E AVENUE  
VAL-D'OR QC J9P 1J7

Page: 1  
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Compte: MRBASS

## CERTIFICAT VO05003382

Projet: HURDMAN

Bon de commande #:

Ce rapport s'applique aux 63 échantillons de carotte forage soumis à notre laboratoire le Val d'Or, QC, Canada de 17-JANV-2005.

Les résultats sont transmis à:

MARTIN BOURGOIN

TOM LARSEN

## PRÉPARATION ÉCHANTILLONS

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

## PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Ag-AA45	Trace Ag - Aqua regia/AAS	AAS
Ag-AA46	Teneur marchande Ag - Aqua regia/AA	AAS
Cu-AA45	Trace Cu-Digestion Aqua regia	AAS
Zn-AA45	Trace Zn - Aqua regia /AAS	AAS
Zn-AA46	Teneur marchande Zn - Aqua regia/AA	AAS
Au-AA23	Au 30 g fini FA-AA	AAS

A: MRB ET ASSOCIES  
ATTN: MARTIN BOURGOIN  
1020, 4E AVENUE  
VAL-D'OR QC J9P 1J7

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

Signature:



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

À: MRB ET ASSOCIES  
1020, 4E AVENUE  
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## CERTIFICAT D'ANALYSE VO05003382

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Ag-AA45	Ag-AA46	Cu-AA45	Zn-AA45	Zn-AA46
		Poids reçu kg 0.02	Au ppb 5	Ag ppm 0.2	Ag ppm 1	Cu ppm 1	Zn ppm 1	Zn % 0.01
12801		2.93	55	6.0		171	513	
12802		2.96	123	20.1		272	5580	
12803		3.06	475	21.7		299	8130	
12804		2.77	177	21.9		245	4740	
12805		0.64	191	22.5		214	1180	
12806		0.46	<5	0.8		21	184	
12807		0.91	192	3.9		117	2730	
12808		1.58	42	11.9		265	2610	
12809		2.86	168	13.4		270	4270	
12810		2.84	111	12.2		72	>10000	1.07
12811		2.51	61	5.9		63	760	
12812		2.56	233	7.7		116	5750	
12813		1.83	138	9.8		123	>10000	1.83
199151		2.41	152	1.7		112	688	
199152		2.77	95	1.8		131	691	
199153		2.82	119	1.8		147	444	
199154		2.92	112	1.4		191	1415	
199155		2.92	247	4.5		483	3110	
199156		2.82	207	5.1		366	>10000	1.64
199157		3.12	214	8.3		577	>10000	2.46
199158		2.94	181	4.1		405	720	
199159		2.86	85	3.8		202	3980	
199160		3.02	225	9.0		290	>10000	1.55
199161		2.94	269	7.9		399	>10000	1.67
199162		3.33	138	5.8		154	4060	
199163		2.18	181	17.3		264	1795	
199164		2.23	272	12.2		325	>10000	1.15
199165		2.77	677	29.3		315	5520	
199166		1.93	208	9.8		126	1670	
199167		2.38	160	12.4		93	2910	
199168		3.04	134	17.0		206	5650	
199169		1.59	455	10.0		232	>10000	8.93
199170		0.90	99	7.0		188	>10000	3.62
199171		2.08	167	12.2		387	>10000	7.34
199172		1.82	367	>100	800	392	>10000	1.60
199173		3.02	24	2.3		44	368	
199174		1.94	59	4.2		94	234	
199175		2.15	72	1.6		249	798	
199176		2.79	124	3.6		632	1045	
199177		2.81	61	2.1		299	290	



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ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Téléphone: 604 984 0221 Télécopieur: 604 984 0218

À: MRB ET ASSOCIES  
1020, 4E AVENUE  
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## CERTIFICAT D'ANALYSE VO05003382

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Ag-AA45	Ag-AA46	Cu-AA45	Zn-AA45	Zn-AA46
		Poids reçu kg 0.02	Au ppb 5	Ag ppm 0.2	Ag ppm 1	Cu ppm 1	Zn ppm 1	Zn % 0.01
199178		2.90	77	2.8		366	430	
199179		2.73	184	6.9		1055	1295	
199180		2.97	118	6.8		675	2870	
199181		1.41	79	10.6		206	429	
199182		2.87	142	10.7		217	1430	
199183		2.25	124	13.6		236	6910	
199184		1.64	98	11.0		205	5910	
199185		2.65	272	28.9		409	>10000	1.52
199186		2.31	580	31.0		236	510	
199187		2.66	40	6.7		102	116	
199188		1.86	22	3.2		42	41	
199189		1.84	326	57.0		1180	2140	
199190		2.81	51	5.9		57	1780	
199191		2.87	134	16.5		203	>10000	1.64
199192		2.67	123	8.1		125	2050	
199193		2.71	37	3.0		50	188	
199194		1.42	2860	>100	245	116	236	
199195		2.75	167	1.9		330	309	
199196		3.00	235	3.0		500	314	
199197		1.50	104	2.7		527	540	
199198		2.90	172	4.6		611	3560	
199199		2.92	130	6.6		296	4270	
199200		2.90	125	10.4		229	2540	



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ALS Canada Ltd.

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

À: MRB ET ASSOCIES  
1020, 4E AVENUE  
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**CERTIFICAT VO05018619**

Projet: HURDMAN

Bon de commande #:

Ce rapport s'applique aux 128 échantillons de carotte forage soumis à notre laboratoire le Val d'Or, QC, Canada de 11-MARS-2005.

Les résultats sont transmis à:

MARTIN BOURGOIN

**PRÉPARATION ÉCHANTILLONS**

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

**PROCÉDURES ANALYTIQUES**

CODE ALS	DESCRIPTION	INSTRUMENT
Cu-AA45	Trace Cu-Digestion Aqua regia	AAS
Zn-AA45	Trace Zn - Aqua regia /AAS	AAS
Zn-AA46	Teneur marchande Zn - Aqua regia/AA	AAS
Au-AA23	Au 30 g fini FA-AA	AAS
Ag-AA45	Trace Ag - Aqua regia/AAS	AAS

À: MRB ET ASSOCIES  
ATTN: MARTIN BOURGOIN  
1020, 4E AVENUE  
VAL-D'OR QC J9P 1J7

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

Signature: 



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ALS Canada Ltd.

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

À: MRB ET ASSOCIES  
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Projet: HURDMAN

## CERTIFICAT D'ANALYSE VO05018619

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45	Zn-AA46
		Poids reçu kg 0.02	Au ppm 0.005	Au Check ppm 0.005	Ag ppm 0.2	Cu ppm 1	Zn ppm 1	Zn % 0.01
12814		1.42	0.012		0.9	40	792	
12815		0.64	0.376		6.7	265	>10000	2.67
12816		1.39	0.069		1.9	107	2520	
12817		0.76	0.078		2.1	109	3620	
12818		0.98	2.43		6.8	307	2760	
12819		0.22	1.010		31.2	401	7980	
12820		0.85	0.335		7.7	395	>10000	1.18
12821		0.84	0.407		9.4	363	2920	
12822		0.43	0.475		12.3	402	>10000	8.69
12823		1.25	0.326		6.7	222	6000	
12824		1.37	0.137		8.6	195	5640	
12825		1.22	0.469		6.2	252	1135	
12826		1.23	0.187		6.4	251	7440	
12827		0.86	0.166		5.2	196	3250	
12828		1.19	0.320		6.8	273	>10000	2.12
12829		0.69	0.137		7.1	145	>10000	2.44
12830		0.28	0.083		6.1	198	>10000	2.20
12831		0.32	0.063		6.0	247	>10000	1.57
12832		0.66	0.182		8.3	227	>10000	2.08
12833		0.54	0.040		5.0	30	2080	
12834		2.19	0.195		10.0	230	>10000	2.76
12835		1.05	0.132		67.8	296	>10000	1.45
12836		1.05	0.132		24.9	352	3050	
12837		1.30	0.102		3.9	114	533	
12838		0.92	0.100		3.1	38	>10000	1.44
12839		1.28	0.318		5.0	53	5400	
12840		0.84	0.045		3.8	87	225	
12841		1.63	0.037		2.4	29	310	
12842		1.48	0.071		1.9	128	>10000	1.29
12843		1.09	0.097		2.5	120	>10000	3.54
12844		1.03	0.134		2.4	165	>10000	1.32
12845		0.51	0.402		4.6	106	3590	
12846		0.66	0.096		2.9	179	>10000	1.30
12847		0.52	0.155		7.9	416	>10000	1.66
12848		0.93	0.108		4.5	127	>10000	1.08
12849		0.70	0.541		5.5	289	>10000	5.10
12850		1.14	0.073		2.6	91	4400	
12851		1.28	0.045		2.1	50	3060	
12852		1.17	0.040		1.2	32	1725	
12853		1.23	0.064		4.1	63	>10000	1.02



# ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

ALS Canada Ltd.

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

A: MRB ET ASSOCIES  
1020, 4E AVENUE  
VAL-D'OR QC J9P 1J7

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## CERTIFICAT D'ANALYSE VO05018619

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45	Zn-AA46
		Poids reçu kg 0.02	Au ppm 0.005	Au Check ppm 0.005	Ag ppm 0.2	Cu ppm 1	Zn ppm 1	Zn % 0.01
12854		0.90	0.188		6.3	122	>10000	5.10
12855		0.81	0.893		12.4	239	>10000	2.57
12856		0.59	0.090		4.8	76	2030	
12857		0.47	0.152		5.8	264	>10000	5.20
12858		1.05	0.138		8.9	183	>10000	2.48
12859		0.65	0.475		8.0	96	>10000	9.54
12860		0.54	0.088		4.3	87	6950	
12861		0.82	0.749		78.2	133	>10000	3.77
12862		1.02	0.157		7.4	218	>10000	1.27
12863		0.44	0.089		5.7	155	3210	
12864		0.58	0.313		11.9	191	5680	
12865		1.19	0.663		14.5	432	>10000	3.14
12866		1.17	0.259		17.1	363	>10000	2.77
12867		0.90	0.260		13.9	287	>10000	3.27
12868		1.02	0.484		13.8	251	>10000	3.09
12869		1.60	0.217		17.1	249	>10000	4.17
12870		0.68	0.012		2.5	42	365	
12871		1.06	0.354		10.6	96	>10000	3.63
12872		0.88	0.280		12.2	22	>10000	5.86
12873		0.94	0.223		11.9	127	>10000	5.15
12874		0.56	0.207		6.5	43	>10000	1.20
12875		0.73	0.457		27.3	362	>10000	1.71
12876		1.72	0.044		13.1	543	7650	
12877		0.98	0.723		11.8	408	2810	
12878		1.36	0.572		13.0	269	3180	
12879		1.48	0.069		12.7	74	2680	
12880		0.62	0.221		11.9	678	2220	
12881		0.29	0.027		20.4	89	471	
12882		1.34	0.142		1.6	67	3030	
12883		1.31	0.060		1.1	68	2840	
12884		1.44	0.092		2.7	117	4750	
12885		1.66	0.061		3.3	120	7770	
12886		1.33	0.007		0.2	21	291	
12887		1.44	0.162		2.9	220	5740	
12888		1.36	0.134		3.7	199	5840	
12889		1.46	0.186		7.8	229	2160	
12890		1.50	0.166		8.8	273	677	
12891		1.13	0.236		12.1	235	1520	
12892		0.34	0.165		13.2	333	3860	
12893		1.17	0.191		12.9	242	1630	





# ALS Chemex

**EXCELLENCE EN ANALYSE CHIMIQUE**

ALS Canada Ltd.

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

A: MRB ET ASSOCIES  
1020, 4E AVENUE  
VAL-D'OR QC J9P 1J7

Projet: HURDMAN

## CERTIFICAT D'ANALYSE VO05018619

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45	Zn-AA46
		Poids reçu kg 0.02	Au ppm 0.005	Au Check ppm 0.005	Ag ppm 0.2	Cu ppm 1	Zn ppm 1	Zn % 0.01
12894		1.06	0.690		18.3	246	6410	
12895		1.39	1.220		18.4	195	6830	
12896		0.47	1.020		23.4	156	>10000	10.75
12897		0.88	1.600		75.9	86	399	
12898		0.89	0.085		8.2	106	2350	
12899		0.94	0.334		21.8	207	>10000	1.67
12900		1.23	0.235		21.0	244	8000	
12901		0.24	0.299		13.2	255	>10000	3.17
12902		0.91	0.118		9.0	73	1675	
12903		0.50	0.026		2.1	41	324	
12904		0.94	0.583		63.6	99	4790	
12905		0.90	1.375		21.7	54	1100	
12906		0.55	0.336		20.0	53	>10000	2.28
12907		1.30	0.246		26.7	184	>10000	1.67
12908		1.18	0.085		10.9	605	7760	
12909		1.03	0.012		0.7	32	212	
12910		1.25	0.048		1.3	82	798	
12911		0.63	0.093		1.8	88	6010	
12912		1.08	0.077		1.4	52	149	
12913		1.38	0.122		2.0	167	1115	
12914		1.03	0.120		1.7	182	646	
12915		0.71	0.019		0.7	49	258	
12916		1.03	0.104		1.7	225	783	
12917		1.06	0.082		1.5	164	2140	
12918		0.86	0.309	0.290	4.8	397	1015	
12919		0.84	0.741		10.9	785	1675	
12920		1.23	1.160		7.9	849	1305	
12921		0.98	0.048		1.0	146	227	
12922		0.73	0.168		3.9	475	542	
12923		1.33	0.238		5.2	506	1475	
12924		0.22	1.050		3.0	286	4890	
12925		1.22	0.112		2.8	254	349	
12926		0.33	0.081		1.0	135	125	
12927		0.97	0.138		3.6	427	1430	
12928		1.16	0.082		2.3	160	3070	
12929		1.01	0.060		1.1	92	272	
12930		0.42	0.639		25.7	322	>10000	1.13
12931		0.58	0.347		17.1	404	>10000	2.25
12932		0.62	0.547		62.7	444	>10000	15.30
12933		0.55	0.248		10.9	261	4340	



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A: MRB ET ASSOCIES  
1020, 4E AVENUE  
VAL-D'OR QC J9P 1J7

Page: 5 - A  
Nombre Total de Pages: 5 (A)  
Finalisée Date: 25-MARS-2005  
Compte: MRBASS

Projet: HURDMAN

**CERTIFICAT D'ANALYSE VO05018619**

Description échantillon	Méthode élément unités L.D.	WEI-21	Au-AA23	Au-AA23	Ag-AA45	Cu-AA45	Zn-AA45	Zn-AA46
		Poids reçu kg	Au ppm	Au Check ppm	Ag ppm	Cu ppm	Zn ppm	Zn %
		0.02	0.005	0.005	0.2	1	1	0.01
12934		1.21	0.033		2.8	76	553	
12935		0.90	0.197		11.5	149	1895	
12936		0.70	0.100		13.5	235	1550	
12937		0.25	0.148		9.0	55	>10000	1.45
12938		0.84	0.146		11.5	243	>10000	2.75
12939		0.51	0.042		3.9	76	1150	
12940		0.72	0.575		24.3	205	>10000	1.47
12941		0.75	0.057		2.2	26	166	

HURDMAN - DONNÉES EXTRAITES DES 4 TROUS FORÉS PAR ELORO EN FÉVRIER 2005

Hole Name	Sample	From	To	Length	Ag (g/t)	Zn (ppm)	Zn (%)	Intersection	Ag (g/t)	Zn (%)
ELO-05-01	12814	33.80	35.60	1.80	0.90	792	0.0792			
ELO-05-01	12815	39.95	40.60	0.65	6.70		2.67			
ELO-05-01	12816	40.60	42.30	1.70	1.90	2520	0.252			
ELO-05-01	12817	42.30	43.15	0.85	2.10	3620	0.362	3.20	2.93	0.77
ELO-05-01	12818	58.20	59.20	1.00	6.80	2760	0.276			
ELO-05-01	12819	59.20	59.40	0.20	31.20	7980	0.798			
ELO-05-01	12820	59.40	60.45	1.05	7.70		1.18			
ELO-05-01	12821	60.45	61.35	0.90	9.40	2920	0.292			
ELO-05-01	12822	61.35	61.85	0.50	12.30		8.69			
ELO-05-01	12823	61.85	63.30	1.45	6.70	6000	0.6			
ELO-05-01	12824	63.30	64.80	1.50	8.60	5640	0.564			
ELO-05-01	12825	64.80	66.50	1.70	6.20	1135	0.1135			
ELO-05-01	12826	66.50	67.95	1.45	6.40	7440	0.744			
ELO-05-01	12827	67.95	69.00	1.05	5.20	3250	0.325			
ELO-05-01	12828	69.00	70.40	1.40	6.80		2.12			
ELO-05-01	12829	70.40	71.20	0.80	7.10		2.44			
ELO-05-01	12830	71.20	71.50	0.30	6.10		2.2			
ELO-05-01	12831	71.50	71.85	0.35	6.00		1.57			
ELO-05-01	12832	71.85	72.50	0.65	8.30		2.08			
ELO-05-01	12833	72.50	73.15	0.65	5.00	2080	0.208			
ELO-05-01	12834	73.15	75.20	2.05	10.00		2.76	6.20	7.79	2.14
ELO-05-01	12835	75.20	76.50	1.30	67.80		1.45			
ELO-05-01	12836	76.50	77.70	1.20	24.90	3050	0.305			
ELO-05-01	12837	77.70	79.20	1.50	3.90	533	0.0533			
ELO-05-01	12838	79.20	80.35	1.15	3.10		1.44			
ELO-05-01	12839	80.35	81.95	1.60	5.00	5400	0.54	23.75	11.26	1.17
ELO-05-01	12840	81.95	82.90	0.95	3.80	225	0.0225			
ELO-05-01	12841	82.90	84.80	1.90	2.40	310	0.031			
ELO-05-02	12909	45.65	46.85	1.20	0.70	212	0.0212			
ELO-05-02	12910	46.85	48.45	1.60	1.30	798	0.0798			
ELO-05-02	12842	48.45	50.20	1.75	1.90		1.29			
ELO-05-02	12843	50.20	51.45	1.25	2.50		3.54			
ELO-05-02	12844	51.45	52.65	1.20	2.40		1.32	4.20	2.22	1.97
ELO-05-02	12845	52.65	53.25	0.60	4.60	3590	0.359			
ELO-05-02	12846	53.25	54.00	0.75	2.90		1.3			
ELO-05-02	12847	56.70	58.60	1.90	7.90		1.66			
ELO-05-02	12848	58.60	59.90	1.30	4.50		1.08			
ELO-05-02	12849	59.90	60.70	0.80	5.50		5.1	4.75	5.78	2.02
ELO-05-02	12850	60.70	62.10	1.40	2.60	4400	0.44			
ELO-05-02	12851	62.10	63.40	1.30	2.10	3060	0.306			
ELO-05-02	12852	63.40	64.90	1.50	1.20	1725	0.1725			
ELO-05-02	12853	64.90	66.40	1.50	4.10		1.02			
ELO-05-02	12854	66.40	67.70	1.30	6.30		5.1			
ELO-05-02	12855	67.70	68.65	0.95	12.40		2.57			
ELO-05-02	12856	68.65	69.50	0.85	4.80	2030	0.203			
ELO-05-02	12857	69.50	70.15	0.65	5.80		5.2			
ELO-05-02	12858	70.15	71.30	1.15	8.90		2.48			
ELO-05-02	12859	71.30	72.00	0.70	6.00		9.54	5.60	7.55	3.96
ELO-05-02	12860	72.00	72.70	0.70	4.30	6950	0.695			
ELO-05-02	12861	72.70	73.50	0.80	78.20		3.77			
ELO-05-02	12862	73.50	74.75	1.25	7.40		1.27			
ELO-05-02	12863	74.75	75.25	0.50	5.70	3210	0.321			
ELO-05-02	12864	75.25	75.90	0.65	11.90	5680	0.568			
ELO-05-02	12865	75.90	77.10	1.20	14.50		3.14			
ELO-05-02	12866	77.10	78.80	1.70	17.10		2.77			
ELO-05-02	12867	78.80	79.90	1.10	13.90		3.27			
ELO-05-02	12868	79.90	81.00	1.10	13.80		3.09			
ELO-05-02	12869	81.00	82.70	1.70	17.10		4.17	6.80	15.59	3.32
ELO-05-02	12870	82.70	83.55	0.85	2.50	365	0.0365			
ELO-05-02	12871	83.55	84.70	1.15	10.60		3.63			
ELO-05-02	12872	84.70	85.75	1.05	12.20		5.86			
ELO-05-02	12873	85.75	87.00	1.25	11.90		5.15	3.45	11.56	4.86
ELO-05-02	12874	87.00	87.65	0.65	6.50		1.2			
ELO-05-02	12875	87.65	88.50	0.85	0.00	362	1.71	23.60	12.12	3.00
ELO-05-02	12876	88.50	90.00	1.50	13.10	7650	0.765			
ELO-05-02	12877	90.00	90.80	0.80	11.80	2810	0.281			
ELO-05-02	12878	90.80	92.30	1.50	13.00	3180	0.318			
ELO-05-02	12879	92.30	94.10	1.80	12.70	2680	0.268			

ELO-05-02	12880	94.10	94.55	0.45	11.90	2220	0.222			
ELO-05-02	12881	94.55	95.00	0.45	20.40	471	0.0471			
ELO-05-03	12911	36.20	36.80	0.60	1.80	6010	0.601			
ELO-05-03	12882	36.80	38.45	1.65	1.60	3030	0.303			
ELO-05-03	12883	38.45	40.05	1.60	1.10	2840	0.284			
ELO-05-03	12884	40.05	41.70	1.65	2.70	4750	0.475			
ELO-05-03	12885	41.70	43.60	1.90	3.30	7770	0.777			
ELO-05-03	12886	43.60	45.00	1.40	0.20	291	0.0291			
ELO-05-03	12887	45.00	46.50	1.50	2.90	5740	0.574			
ELO-05-03	12888	46.50	48.00	1.50	3.70	2840	0.284			
ELO-05-03	12889	48.00	49.50	1.50	7.80	2160	0.216			
ELO-05-03	12890	49.50	51.00	1.50	8.80	677	0.0677			
ELO-05-03	12891	51.00	52.20	1.20	12.10	1520	0.152			
ELO-05-03	12892	52.20	52.50	0.30	13.20	3860	0.386			
ELO-05-03	12893	52.50	53.60	1.10	12.90	1630	0.163			
ELO-05-03	12894	53.60	55.10	1.50	18.30	6410	0.641			
ELO-05-03	12895	55.10	56.60	1.50	18.40	6830	0.683			
ELO-05-03	12896	56.60	57.05	0.45	23.40		10.75			
ELO-05-03	12897	57.05	57.75	0.70	75.90	399	0.0399			
ELO-05-03	12898	57.75	58.75	1.00	8.20	2350	0.235			
ELO-05-03	12899	58.75	60.00	1.25	21.80		1.67			
ELO-05-03	12900	60.00	61.25	1.25	21.00	8000	0.8			
ELO-05-03	12901	61.25	61.45	0.20	13.20		3.17	4.85	26.39	1.82
ELO-05-03	12902	61.45	62.40	0.95	9.00	1675	0.1675			
ELO-05-03	12903	62.40	62.95	0.55	2.10	324	0.0324			
ELO-05-03	12904	62.95	64.10	1.15	63.60	4790	0.479			
ELO-05-03	12905	64.10	65.10	1.00	21.70	1100	0.11			
ELO-05-03	12906	65.10	65.90	0.80	20.00		2.28			
ELO-05-03	12907	65.90	67.25	1.35	26.70		1.67			
ELO-05-03	12908	67.25	68.30	1.05	10.90	7760	0.776			
ELO-05-03	12912	68.30	69.50	1.20	1.80	6010	0.601	15.90	22.22	1.09
ELO-91-1-C	12913	35.30	36.90	1.60	2.00	1115	0.1115			
ELO-91-1-C	12914	36.90	38.10	1.20	1.70	646	0.0646			
ELO-91-1-C	12915	38.10	38.80	0.70	0.70	258	0.0258			
ELO-91-1-C	12916	38.80	40.15	1.35	1.70	783	0.0783			
ELO-91-1-C	12917	40.15	41.50	1.35	1.50	2140	0.214			
ELO-91-1-C	12918	41.50	42.60	1.10	4.80	1015	0.1015			
ELO-91-1-C	12919	42.60	43.50	0.90	10.90	1675	0.1675			
ELO-91-1-C	12920	43.50	45.00	1.50	7.90	1305	0.1305			
ELO-91-1-C	12921	45.00	46.25	1.25	1.00	227	0.0227			
ELO-91-1-C	12922	46.25	46.95	0.70	3.90	542	0.0542			
ELO-91-1-C	12923	46.95	48.50	1.55	5.20	1475	0.1475			
ELO-91-1-C	12924	48.50	48.70	0.20	3.00	4890	0.489			
ELO-91-1-C	12925	48.70	49.85	1.15	2.80	349	0.0349			
ELO-91-1-C	12926	49.85	50.40	0.55	1.00	125	0.0125			
ELO-91-1-C	12927	50.40	51.55	1.15	3.60	1430	0.143			
ELO-91-1-C	12928	51.55	53.00	1.45	2.30	3070	0.307			
ELO-91-1-C	12929	53.00	54.45	1.45	1.10	272	0.0272			
ELO-91-1-C	12930	54.45	55.00	0.55	25.70		1.13			
ELO-91-1-C	12931	55.00	55.70	0.70	17.10		2.25			
ELO-91-1-C	12932	55.70	56.25	0.55	62.70		15.3	1.80	33.66	5.90
ELO-91-1-C	12933	56.25	57.00	0.75	10.90	4340	0.434			
ELO-91-1-C	12934	57.00	58.30	1.30	2.80	553	0.0553			
ELO-91-1-C	12935	58.30	59.40	1.10	11.50	1895	0.1895			
ELO-91-1-C	12936	59.40	60.10	0.70	13.50	1550	0.155			
ELO-91-1-C	12937	60.10	60.40	0.30	9.00		1.45			
ELO-91-1-C	12938	60.40	61.45	1.05	11.50		2.75			
ELO-91-1-C	12939	61.45	62.30	0.85	3.90	1150	0.115			
ELO-91-1-C	12940	62.30	63.00	0.70	24.30		1.47	8.55	15.16	1.85
ELO-91-1-C	12941	63.00	63.75	0.75	2.20	166	0.0166			

# Hurdman Project



**Hole:** ELO-91-1B

Easting:	6800.00	Northing:	-1550.00	Elevation:	0.00
UTM Easting:	443383.00	UTM Northing:	5484793.16	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-55.00	Length:	90.00 m.
Azimuth:	180.00				
Hole Type:	AQ	Zone:	HSZ	Contractor:	McKinnon
Started:	05-01-15	Finished:	05-01-15	Logged By:	Jean-Sébastien Lavallée
Claim:	P1199489	Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:	Twin of Hole 91-1.				

2.30835

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
1	0.00	13.00	Overburden - Casing										
1	13.00	32.35	Biotite-Garnet Gneiss - Light to medium grey banded, small to medium grain, weakly sericitic alteration, minor pyrite with the alteration, foliation 80°C.A. Locally later pegmatite dyke with a little fault. < 1% disseminated magnetite.										
1	32.35	39.00	Coarse Pegmatite - Felsic dyke, coarse grain, light greenish grey, minor pyrite, 3-5% muscovite, contact 60-70°C.A.										
1	39.00	70.00	Hurdman Zone - Altered Biotite-Sillimanite-Quartz-Felds Gneiss with 2-10% disseminated pyrrhotite-pyrite-sphalerite, locally 20 to 60%(semi-massive) mineralisation (Pyrrhotite-Pyrite-Sphalerite), mineral lineation in sillimanite is strongly developed, the foliation is irregular some are 75-80° C.A and the other are 20-30° C.A. 1-3% disseminated magnetite.										
2	39.00	57.15	2-5% sulphides - 2-5% disseminated pyrrhotite-pyrite ± sphalerite. Weakly silicified, foliation ±70°C.A, locally variable 20-30° C.A.	199151	39.00	40.50	1.50	152	1.7	112	688		
				199152	40.50	42.00	1.50	95	1.8	131	691		
				199153	42.00	43.50	1.50	119	1.8	147	444		
				199154	43.50	45.00	1.50	112	1.4	191	1415		
				199155	45.00	46.50	1.50	247	4.5	483	3110		
				199156	46.50	48.00	1.50	207	5.1	366		1.64	
				199157	48.00	49.50	1.50	214	8.3	577		2.46	
				199158	49.50	51.00	1.50	181	4.1	405	720		
				199159	51.00	52.50	1.50	85	3.8	202	3980		
				199160	52.50	54.00	1.50	225	9.0	290		1.55	
				199161	54.00	55.50	1.50	269	7.9	399		1.67	
				199162	55.50	57.15	1.65	138	5.8	154	4060		
2	57.15	60.70	5-8% Sulphides - Same unit, but 5-8% disseminated pyrrhotite-pyrite-sphalerite. Variably sericitized. Little bleach zone.	199163	57.15	58.25	1.10	181	17.3	264	1795		
				199164	58.25	59.25	1.00	272	12.2	325		1.15	
				199165	59.25	60.70	1.45	677	29.3	315	5520		
2	60.70	63.00											

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
2	60.70	63.00	2-3% Sulphides - 2-3% Disseminated pyrrhotite-Pyrite±Sphalerite. Little bleach zone.	199166	60.70	61.70	1.00	208	9.8	126	1670		
				199167	61.70	63.00	1.30	160	12.4	93	2910		
2	63.00	67.50	10-80% Sulphides - 10-80% Pyrrhotite-Sphalerite-Pyrite, Sphalerite is more present ± 30% of the mineralisation. 64.50 to 65.10 m: semi-massive to massive mineralisation ( 30% Pyrrhotite, 25% Sphalerite, 25% Pyrite), Foliation 60 to 80° C.A.	199168	63.00	64.50	1.50	134	17.0	206	5650		
				199169	64.50	65.10	0.60	455	10.0	232		8.93	
				199170	65.10	65.60	0.50	99	7.0	188		3.62	
				199171	65.60	66.55	0.95	167	12.2	387		7.34	
				199172	66.55	67.50	0.95	367		392		1.60	800
2	67.50	70.00	2-4% Sulphides - 2-4% disseminated pyrrhotite-pyrite ± sphalerite, locally little chunk of pyrite. Foliation 80° C.A	199173	67.50	69.00	1.50	24	2.3	44	368		
				199174	69.00	70.00	1.00	59	4.2	94	234		
1	70.00	90.00	Biotite-Felds-Quartz-Garnet Gneiss - Well biotite banded, 1-2% Garnet, foliation 80°C.A, locally bleach, unmineralized.										
2	73.00	74.55	Pegmatite - Pegmatitic dyke, coarse grained, light grey, contact 80° C.A., 5% muscovite, unmineralized.										
2	80.45	80.75	Pegmatitic dyke - Pegmatitic dyke, coarse grained, light grey, contact 80° C.A., 5% muscovite, unmineralized.										
1	89.99	90.00	EOH										

End of Lithology and Assays ;

# Hurdman Project

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**MRB** associates  
mining consultants

**Hole:** ELO-98-1B

Easting:	7200.00	Northing:	-1550.00	Elevation:	0.00
UTM Easting:	443500.00	UTM Northing:	5484794.00	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-70.00	Length:	93.00 m
Azimuth:	180.00				
Hole Type:	AQ	Zone:	HSZ	Contractor:	McKinnon
Started:	05-01-16	Finished:	05-01-16	Logged By:	Jean-Sébastien Lavallée
Claim:	P1199489	Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:	Twin of Hole 98-1.				



# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
1	0.00	11.50	Overburden - Casing										
1	11.50	34.70	Biotite-Garnet Gneiss - weakly altered, well foliation 70-80° C.A, unmineralized, 5-15% garnet 2- 10mm size, locally small pegmatitic dyke (10-30 cms). < 1% disseminated magnetite										
2	34.20	34.70	Quartz vein - Quartz vein or white pegmatitic dyke. 80° C.A. Unmineralized.										
1	34.70	59.55	Hurdman Zone - Altered Biotite-Sillimanite-Quartz- Felds Gneiss with 2-10% disseminated pyrrhotite-pyrite-sphalerte, locally 20 to 30%(semi-massive) mineralisation ( Pyrrothite-Pyrite-Sphalerite), mineral lineation in sillimanite is strongly developed, well foliation 75-80° C.A , Garnet are common. Locally 1-5% disseminated magnetite.										
2	34.70	44.20	2-5% Py-Po±Sp - 2-5% disseminated Py-Po±Sp, well sillimanite-biotite banded, variable amount of garnet, grey to black colour. Foliation 70-80°C.A, locally very big chunk of pyrite ( 2- 4cms).	199175	34.70	36.00	1.30	72	1.6	249	798		
				199176	36.00	37.50	1.50	124	3.6	632	1045		
				199177	37.50	39.00	1.50	61	2.1	299	290		
				199178	39.00	40.50	1.50	77	2.8	366	430		
				199179	40.50	42.00	1.50	184	6.9	1055	1295		
				199180	42.00	43.50	1.50	118	6.8	675	2870		
				199181	43.50	44.20	0.70	79	10.6	206	429		
2	44.20	48.90	Silicified zone 2-5% Py-Po±Sp - Silicified Zone with 2-5% disseminated Py-Po-Sp, ±2% Sp, foliation 70-80°C.A.	199182	44.20	45.70	1.50	142	10.7	217	1430		
				199183	45.70	46.85	1.15	124	13.6	236	6910		
				199184	46.85	47.75	0.90	98	11.0	205	5910		
				199185	47.75	48.90	1.15	272	28.9	409		1.52	
2	48.90	50.45	3-7% Py-Po-Sp - 3-7% Disseminated Py-Po-Sp, 1- 2% Sp, coarse grained, ±magnetite, Pyrite bands, very rich in biotite, little faulted and bleached.	199186	48.90	50.45	1.55	580	31.0	236	510		
2	50.45	52.85	Pegmatitic dike	199187	50.45	52.00	1.55	40	6.7	102	116		

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
			- Coarse grained, light grey, 1-2% disseminated Py. Well contacts 80° C.A.	199188	52.00	52.85	0.85	22	3.2	42	41		
2	52.85	53.80	20-30% Py-Po-Sp - 20-30% disseminated Py-Po-Sp, chloritic materiel, lot amount of biotite, semi-massive sulphides zone.	199189	52.85	53.80	0.95	326	57.0	1180	2140		
2	53.80	59.55	2-5% Py-Po±Sp - 2-5% disseminated Py-Po±Sp, locally 2-3% Sp, well sillimanite-biotite banded, variable amount of garnet, grey to black colour. Foliation 70-80°C.A, locally very big chunk of pyrite ( 2-4cms).	199190	53.80	55.30	1.50	51	5.9	57	1780	1.64	
				199191	55.30	56.80	1.50	134	16.5	203			
				199192	56.80	58.20	1.40	123	8.1	125	2050		
				199193	58.20	59.55	1.35	37	3.0	50	188		
1	59.55	93.00	Biotite-Quartz-Felds-Garnet Gneiss - Well biotite banded, 1-2% Garnet, foliation 80°C.A, locally bleach, unmineralized. Little zone with epidote veinlets between 75 and 85 meters.										
2	59.55	60.30	Pegmatitic dike - Little pegmatitic dyke, rich in muscovite, 1-3% magnetite, 1-2% Py-Po±Sp, well contacts 80° C.A.	199194	59.55	60.30	0.75	2860		116	236		245
1	92.99	93.00	EOH										

End of Lithology and Assays ;

# Hurdman Project

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**MRB** & associates  
mining consultants

**Hole:** ELO-98-1C

<b>Easting:</b>	7200.00	<b>Northing:</b>	-1550.00	<b>Elevation:</b>	0.00
<b>UTM Easting:</b>	443500.00	<b>UTM Northing:</b>	5484794.00	<b>UTM Elevation:</b>	0.00
<b>Azimuth:</b>	180.00	<b>Dip:</b>	-45.00	<b>Length:</b>	76.50 m
<b>Azimuth:</b>	180.00				
<b>Hole Type:</b>	AQ	<b>Zone:</b>	HSZ	<b>Contractor:</b>	McKinnon
<b>Started:</b>	05-01-16	<b>Finished:</b>	05-01-16	<b>Logged By:</b>	Jean-Sébastien Lavallée
<b>Claim:</b>	P1199489	<b>Cemented:</b>	<input type="checkbox"/>	<b>Surveyed:</b>	<input type="checkbox"/>
<b>Township:</b>	Hurdman				
<b>Description:</b>	Second Hole at 98-1 Set Up.				

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
1	0.00	14.80	Overburden - Casing										
1	14.80	36.00	Biotite-Garnet Gneiss - Unaltered, unmineralized, well foliated 70-80° C.A, locally very big Garnet 1-2 cms,										
1	36.00	41.20	Biotite-Garnet-Sillimanite Gneiss - Weakly altered, 2-5% Sillimanite, well mineral lineation, foliation 80°C.A, unmineralized.										
1	41.20	62.30	Hurdman Zone - Altered Biotite-Sillimanite-Quartz-Felds Gneiss with 2-10% disseminated pyrrhotite-pyrite-sphaleirte, locally 20 to 60%(semi-massive) mineralisation ( Pyrrhothite-Pyrite-Sphalerite), silicified, mineral lineation in sillimanite is strongly developed, the foliation is irregular ,some are 75-80° C.A and the other are 20-30° C.A. 1-3% disseminated magnetite.										
2	41.20	55.40	2-5% Py-Po-±Sp - 2-5% Py-Po-±Sp, well foliated 70-80°C.A, weakly altered Sillimanite-Quartz-Séricite,	199195	41.20	42.70	1.50	167	1.9	330	309		
				199196	42.70	44.20	1.50	235	3.0	500	314		
				199197	44.20	45.00	0.80	104	2.7	527	540		
				199198	45.00	46.50	1.50	172	4.6	611	3560		
				199199	46.50	48.00	1.50	130	6.6	296	4270		
				199200	48.00	49.50	1.50	125	10.4	229	2540		
				12801	49.50	51.00	1.50	55	6.0	171	513		
				12802	51.00	52.50	1.50	123	20.1	272	5580		
				12803	52.50	54.00	1.50	475	21.7	299	8130		
				12804	54.00	55.40	1.40	177	21.9	245	4740		
2	55.40	55.60	40-60% Py-Po-Sp - Semi-massive Py-Po-Sp, Silicified.	12805	55.40	55.60	0.20	191	22.5	214	1180		
2	55.60	55.85	Quartz Vein - Unmineralized, 80° C.A orientation.	12806	55.60	55.85	0.25	0	0.8	21	184		
2	55.85	56.35	2-5% Py-Po-±Sp - 2-5% Py-Po-±Sp, well foliated 70-80°C.A, weakly altered	12807	55.85	56.35	0.50	192	3.9	117	2730		

# Hurdman Project

## Lithology and Assays:

Level	From	To	Description	SampleNum	From (m)	To (m)	Length	Au ppb	Ag 1 ppm	Cu ppm	Zn ppm	Zn %	Ag 2 ppm
			Sillimanite-Quartz-Séricite,										
2	56.35	57.20	Pegmatitic dike - Coarse grained, 1-2% Py-Po±Sp, séricite-muscovite	12808	56.35	57.20	0.85	42	11.9	265	2610		
2	57.20	58.20	40-60% Py-Po-Sp - Semi-massive to massive Py-Po-Sp, silicified, a few quartz veinelets	12809	57.20	58.20	1.00	168	13.4	270	4270		
2	58.20	62.30	2-5% Py-Po-±Sp - 2-5% Py-Po-±Sp, well foliated 70-80°C.A, weakly altered Sillimanite-Quartz-Séricite,	12810 12811 12812	58.20 59.70 61.00	59.70 61.00 62.30	1.50 1.30 1.30	111 61 233	12.2 5.9 7.7	72 63 116	760 5750	1.07	
1	62.30	66.45	Pegmatitic dike - Coarse grained, locally altered biotite-sericite-muscovite with 1-2% Py-Po, contacts 65° C.A.	12813	62.70	63.65	0.95	138	9.8	123		1.83	
1	66.45	76.50	Biotite-Garnet Gneiss - Well banded biotite, 1-2% Garnet, foliation 80°C.A, locally bleach, locally minor pyrite interbeds. Little zone with epidote veinlets between 75 and 85 meters. Weakly sericitized.										
1	76.49	76.50	EOH										

End of Lithology and Assays ;

# HURDMAN PROJECT



**Hole:** ELO-05-01

Easting:	6432.00	Northing:	-1515.00	Elevation:	0.00
UTM Easting:	443270.31	UTM Northing:	5484803.82	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-70.00	Length:	93.00 m.
Azimuth:	180.00				
Hole Type:	AQ	Zone:	HSZ	Contractor:	McKinnon
Started:	2005-02-22	Finished:	2005-02-23	Logged By:	Jean-Sébastien Lavallée
Claim:	P1199489	Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:					

## Deviations

Depth	Azimuth	AltAzimuth	Dip	Type	State
0.00	180.00	180.00	-70.00	None	Active

End of Deviations ; 1 record(s) printed.

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	16.20	Overburden - Casing									
1	16.20	17.30	Coarse Pegmatite - Felsic Dyke, coarse grain, light grey with pink potassic feldspar, 3-5% muscovite, lower contact 60° C.A.									
1	17.30	24.40	Biotite-felds-Quartz Gneiss - Biotite-felds-quartz gneiss, medium hardness, fine grain, light grey with locally bleaching; locally silicified, foliation 70°C.A, locally well biotite banded, but generally disseminated, minor pyrite.									
2	24.00	24.40	Pegmatitic dyke - Felsic dyke, coarse grain, white to light grey, 3-5% Muscovite-biotite, minor pyrite in contact.									
1	24.40	27.10	Biotite gneiss - Medium grey banded, small grain, medium hardness, well biotite banded, unmineralized. Foliation 70°C.A.									
1	27.10	31.50	Pegmatitic Dyke - Felsic dyke, coarse grain, light greenish to pink, minor pyrite, 5-10% muscovite, contact 80° C.A.									
1	31.50	58.20	Biotite-garnet gneiss - Light to medium grey banded, small to medium grain, weakly sericitic alteration, minor pyrite with the alteration, banded gneissosity 80°. Locally later pegmatitic dyke or quartz veining with a few pyrite and maybe sphalerite ??? 1% disseminated magnetite.									
2	33.80	35.60	Pegmatitic dyke - Coarse grain, light grey, rich in muscovite, traces of 2% pyrite locally, contact 70-80° C.A.	12814	33.80	35.60	1.80	0.012	0.9	40	792	
2	39.95	43.25										

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
2	39.95	43.25	Altered zone with quartz veining 1-3% Py±Sp? - Altered zone with locally 10% quartz veining, this zone was accompanied by 1-3% Pyrite±Sphalerite (<1/2%)?	12815	39.95	40.60	0.65	0.376	6.7	265		2.67
				12816	40.60	42.30	1.70	69.000	1.9	107	2520	
				12817	42.30	43.15	0.85	78.000	2.1	109	3620	
1	58.20	75.20	Hurdman Zone - Altered Biotite-Sillimanite-Quartz Gneiss with 2-5% disseminated Pyrite-Sphalerite-Pyrrhotite, locally 10% mineralisation ( Pyrite-Sphalerite-Pyrrhotite), mineral lineation in sillimanite is strongly developed, foliation 70° C.A, and locally variable 40-50° C.A, 1-2% disseminated magnetite.									
2	58.20	61.35	2-5% Sulphides - 2-5% disseminated Pyrite±Pyrrhotite±Sphalerite, banded biotite is strongly developed. Foliation 60-70°, locally variable 40-50° C.A.	12818	58.20	59.20	1.00	2.430	6.8	307	2760	
3	59.20	59.40	Quartz Vein 2-3% Pyrite - Quartz vein with 2-3% pyrite in chunk, contact 55° C.A.	12819	59.20	59.40	0.20	1.010	31.2	401	7980	
				12820	59.40	60.45	1.05	0.335	7.7	395		1.18
2	61.35	61.85	5-7% Sulphides - Same unit but 5-7% Sphalerite-Pyrite±Pyrrhotite, the sphalerite is banded in foliation. Foliation 70° C.A.	12821	60.45	61.35	0.90	0.407	9.4	363	2920	
				12822	61.35	61.85	0.50	0.475	12.3	402		8.69
2	61.85	70.40	2-5% Sulphides - 2-5% disseminated Pyrite±Pyrrhotite±Sphalerite, banded biotite is strongly developed. Foliation 60-70°, locally variable 40-50° C.A.	12823	61.85	63.30	1.45	0.326	6.7	222	6000	
				12824	63.30	64.80	1.50	0.137	8.6	195	5640	
				12825	64.80	66.50	1.70	0.469	6.2	252	1135	
				12826	66.50	67.95	1.45	0.187	6.4	251	7440	
				12827	67.95	69.00	1.05	0.166	5.2	196	3250	
				12828	69.00	70.40	1.40	0.320	6.8	273		2.12
2	70.40	71.20										



# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
2	70.40	71.20	Quartz veining 3-4% Sulphides - Zone with quartz veining(5%), 3-4% Pyrite-Sphalerite±Pyrrhotite, little bleach zone.	12829	70.40	71.20	0.80	0.137	7.1	145		2.44
2	71.20	75.20	2-4% Sulphides - 2-4% disseminated Pyrite-Sphalerite(1-2%)±Pyrrhotite, sillimanite is well developed, locally pyrite in chunk, foliation 70° C.A.	12830	71.20	71.50	0.30	83.000	6.1	198		2.20
				12831	71.50	71.85	0.35	63.000	6.0	247		1.57
				12832	71.85	72.50	0.65	0.182	8.3	227		2.08
				12833	72.50	73.15	0.65	0.040	5.0	30	2080	
				12834	73.15	75.20	2.05	0.195	10.0	230		2.76
1	75.20	79.20	Pegmatitic dyke - Coarse grain, light greenish, well mineralized, 5-10% Pyrite, locally in chunk, maybe a few sphalerite <1/2%, contact 60-65° C.A.	12835	75.20	76.50	1.30	0.132	67.8	296		1.45
				12836	76.50	77.70	1.20	0.132	24.9	352	3050	
				12837	77.70	79.20	1.50	0.102	3.9	114	533	
1	79.20	93.00	Biotite-quartz-felds gneiss - Well biotite banded, foliation 70-80° C.A, locally bleach. Locally 2-3% Pyrite with quartz veining.	12838	79.20	80.35	1.15	0.100	3.1	38		1.44
				12839	80.35	81.95	1.60	0.318	5.0	53	5400	
				12840	81.95	82.90	0.95	0.045	3.8	87	225	
2	82.00	82.90	Quartz vein - Quartz vein, biotite and muscovite alteration, light greenish, 1-2% Pyrite-Pyrrhotite±Sphalerite??, contact 45-55° C.A.									
				12841	82.90	84.80	1.90	0.037	2.4	29	310	
2	87.50	88.50	Pegmatitic dyke - Coarse grain, light grey, rich in muscovite, traces of 2% pyrite locally, lower contact 70° C.A, upper contact 55°C.A.									
2	90.25	91.50	Pegmatitic dyke - Coarse grain, light grey, rich in muscovite, traces of 2% pyrite locally, lower contact 60° C.A, upper contact 35°C.A.									
2	92.00	93.00	Pegmatitic dyke - Coarse grain, light grey, rich in muscovite, traces of 2% pyrite									

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	92.99	93.00	EOH locally, upper contact 45°C.A.									

*End of Lithology and Assays ;*

# HURDMAN PROJECT

**MRB** & associates  
mining consultants

**Hole:** ELO-05-02

Easting:	6334.00	Northing:	-1469.00	Elevation:	0.00
UTM Easting:	443239.82	UTM Northing:	5484817.54	UTM Elevation:	0.00
Azimuth:	180.00	Dip:	-70.00	Length:	97.80 m.
Azimuth:	180.00				
Hole Type:	AQ	Zone:	HSZ	Contractor:	McKinnon
Started:	2005-02-23	Finished:	2005-02-24	Logged By:	Jean-Sébastien Lavallée
Claim:	P1199489	Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:					

## Deviations

Depth	Azimuth	AltAzimuth	Dip	Type	State
0.00	180.00	180.00	-70.00	None	Active

End of Deviations ; 1 record(s) printed.

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	23.00	Overburden - Casing									
1	23.00	48.45	Biotite-Felds Gneiss - Rich in biotite, unmineralized, well foliated 60-70°C.A, weakly altered sericite.									
2	42.10	42.80	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A.									
2	43.30	44.20	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A.									
2	45.65	48.45	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A. locally traces of pyrite.	12909 12910	45.65 46.85	46.85 48.45	1.20 1.60	0.012 0.048	0.7 1.3	32 82	212 798	
1	48.45	66.40	Biotite-Quartz-Sillimanite Gneiss - Weakly silicified, locally 1-2% sillimanite, injected by pegmatitic dyke, 1-3% Pyrite-Sphalerite±Pyrrhotite. Well developed foliation 60-70° C.A. the sphalerite is contain in foliation and disseminated ( banded).	12842 12843 12844	48.45 50.20 51.45	50.20 51.45 52.65	1.75 1.25 1.20	0.071 0.097 0.134	1.9 2.5 2.4	128 120 165		1.29 3.54 1.32
2	52.65	53.25	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A. breccia texture, 3-5% Py-Po-	12845	52.65	53.25	0.60	0.402	4.6	106	3590	
2	54.00	56.70	Pegmatitic dyke - Felsic dyke, coarse grain, altered muscovite-sericite-biotite, contact 70° C.A. unmineralized.	12846 12847	53.25 56.70	54.00 58.60	0.75 1.90	0.960 0.155	2.9 7.9	179 416		1.30 1.66

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %		
1	66.40	94.55	Hurdman Zone - Altered Biotite-Sillimanite-Quartz Gneiss with 2-10% disseminated Pyrite-Sphalerite-Pyrrhotite, locally 50- 90% (semi-massive to massive), mineralisation (Pyrrhotite-Pyrite- Sphalerite), locally silicified, mineral lineation in sillimanite is strongly developed, the foliation is variable ; 50- 80° C.A.	12848	58.60	59.90	1.30	0.108	4.5	127			1.08	
				12849	59.90	60.70	0.80	0.541	5.5	289				5.10
				12850	60.70	62.10	1.40	0.073	2.6	91	4400			
				12851	62.10	63.40	1.30	0.045	2.1	50	3060			
				12852	63.40	64.90	1.50	0.040	1.2	32	1725			
				12853	64.90	66.40	1.50	0.064	4.1	63				1.02
2	66.40	67.65	Silicified, 2-3% Sphalerite-Pyrite - Silicified zone, sillimanite is strongly developped, well banded sphalerite(±2%) with disseminated pyrite.	12854	66.40	67.70	1.30	0.188	6.3	122			5.10	
2	67.55	69.50	2-5% Sulphides - 2-5% Pyrite-Sphalerite- Pyrrhotite, sphalerite is banded in foliation.	12855	67.70	68.65	0.95	0.893	12.4	239			2.57	
				12856	68.65	69.50	0.85	0.090	4.8	76	2030			
2	69.50	70.15	Silicified, 2-4% Sphalerite-Pyrite - Silicified zone, sillimanite is strongly developped, well banded sphalerite(±3%) with disseminated pyrite.	12857	69.50	70.15	0.65	0.152	5.8	264			5.20	
2	70.15	75.25	2-5% Sulphides - 2-5% Pyrite-Sphalerite- Pyrrhotite, sphalerite is banded in foliation. Pyrite is frequently in chunk.	12858	70.15	71.30	1.15	0.138	8.9	183			2.48	
				12859	71.30	72.00	0.70	0.475	6.0	96			9.54	
				12860	72.00	72.70	0.70	0.088	4.3	87	6950			
				12861	72.70	73.50	0.80	0.749	78.2	133			3.77	
				12862	73.50	74.75	1.25	0.157	7.4	218			1.27	
				12863	74.75	75.25	0.50	0.089	5.7	155	3210			
2	75.25	75.90	Silicified, 2-4% Sphalerite-Pyrite - Silicified zone with disseminated pyrite.	12864	75.25	75.90	0.65	0.313	11.9	191	5680			
2	75.90	83.55												

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %	
2	75.90	83.55	2-5% Sulphides - 2-5% Pyrite-Sphalerite- Pyrrhotite disseminated and locally banded, rich in biotite and weakly silicified.	12865	75.90	77.10	1.20	0.663	14.5	432	365	3.14	
				12866	77.10	78.80	1.70	0.259	17.1	363		2.77	
				12867	78.60	79.90	1.10	0.260	13.9	287		3.27	
				12868	79.90	81.00	1.10	0.484	13.8	251		3.09	
				12869	81.00	82.70	1.70	0.217	17.1	249		4.17	
2	83.55	88.50	Silicified, Altered sillimanite, 4-7% Sulphides - Silicified zone with strongly developped sillimanite, 4-7% Spahlerite-Pyrite±Pyrrhotie, Sphalerite is very well banded.	12870	82.70	83.55	0.85	0.012	2.5	42	362	1.71	
				12871	83.55	84.70	1.15	0.354	10.6	96			3.63
				12872	84.70	85.75	1.05	0.280	12.2	22			5.86
				12873	85.75	87.00	1.25	0.223	11.9	127			5.15
				12874	87.00	87.65	0.65	0.207	6.5	43			1.20
12875	87.65	88.50	0.85	0.457	-1.0	27	1.71						
2	88.50	90.80	Massive sulphides - 70-90% Pyrrhotite-Pyrite- Sphalerite, silicified.	12876	88.50	90.00	1.50	0.044	13.1	543	7650	2810	
				12877	90.00	90.80	0.80	0.723	11.8	408	2810		
2	90.80	94.10	Altered zone with pegmatite dyke - Little breccia zone, strongly altered with injection of pegmatitic dyke, locally 1-3% Pyrite- Pyrrhotite±Sphalerite.	12878	90.80	92.30	1.50	0.572	13.0	269	3180	2680	
				12879	92.30	94.10	1.80	0.069	12.7	74	2680		
2	94.10	94.55	Massive sulphides - 70-90% Pyrrhotite-Pyrite- Sphalerite, silicified.	12880	94.10	94.55	0.45	0.221	11.9	678	2220		
1	94.55	97.80	Biotite Gneiss - Weakly altered sericite-Biotite, unmineralized, fine grain.										
2	94.55	95.00	Pegmatitic dyke - Felsic dyke, coarse grain, breccia texture.	12881	94.55	95.00	0.45	0.027	20.4	89	471		
1	97.79	97.80	EOH										

End of Lithology and Assays :

# HURDMAN PROJECT



**Hole:** ELO-05-03

<b>Easting:</b>	6606.00	<b>Northing:</b>	-1567.00	<b>Elevation:</b>	0.00
<b>UTM Easting:</b>	443322.43	<b>UTM Northing:</b>	5484787.06	<b>UTM Elevation:</b>	0.00
<b>Azimuth:</b>	180.00	<b>Dip:</b>	-70.00	<b>Length:</b>	83.10 <i>m.</i>
<b>Azimuth:</b>	180.00				
<b>Hole Type:</b>	AQ	<b>Zone:</b>	HSZ	<b>Contractor:</b>	McKinnon
<b>Started:</b>	2005-02-25	<b>Finished:</b>	2005-02-26	<b>Logged By:</b>	Jean-Sébastien Lavallée
<b>Claim:</b>	P1199489	<b>Cemented:</b>	<input type="checkbox"/>	<b>Surveyed:</b>	<input type="checkbox"/>
<b>Township:</b>	Hurdman				
<b>Description:</b>					

## Deviations

Depth	Azimuth	AltAzimuth	Dip	Type	State
0.00	180.00	180.00	-70.00	None	Active

End of Deviations ; 1 record(s) printed.

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	12.50	Overburden - Casing									
1	12.50	34.50	Biotite Gneiss - Unaltered, unmineralized, fine grain, medium hardness, well foliated 70-80° C.A, little section with garnet.									
2	34.50	36.20	Pegmatitic dyke - Felsic dyke, coarse grain, unmineralized, unaltered, contact 80° C.A.									
2	36.20	41.70	Biotite Gneiss 1% sulphides - Well banded biotite gneiss, traces of 1% Pyrite-sphalerite, weakly sericitic alteration, foliation 70-80° C.A.	12911	36.20	36.80	0.60	0.093	1.8	88	6010	
1	36.80	68.30	Mineralized Gneiss - Biotite Gneiss with a section of sillimanite-garnet-quartz gneiss, well biotite-sillimanite banded, 1-3% Pyrite- Sphalerite-Pyrrhotite with locally 60- 90% Sulphides, the sphalerite is associated with the sillimanite-quartz gneiss and she is generally banded in foliation, foliation 70-80° C.A.	12882 12883 12884	36.80 38.45 40.05	38.45 40.05 41.70	1.65 1.60 1.65	0.142 0.060 0.092	1.6 1.1 2.7	67 68 117	3030 2840 4750	
2	41.70	43.60	Sillimanite-Quartz Gneiss <1% Sulphides - Altered section sillimanite- Quartz-Sericite, well foliated 80° C.A, < 1% pyrite	12885	41.70	43.60	1.90	0.061	3.3	120	7770	
2	43.60	53.60	Altered Biotite-Garnet Gneiss 2- 4% Sulphides - Weakly altered section ( bleach , little silicified section (40-50 cm), locally well foliated sillimanite- sericite. 2-4% disseminated Pyrite- Sphalerite(<1%)±Pyrrhotite, 48,10 to 48,60 : Quartz veining.	12886 12887 12888 12889 12890 12891 12892 12893	43.60 45.00 46.50 48.00 49.50 51.00 52.20 52.50	45.00 46.50 48.00 49.50 51.00 52.20 52.50 53.60	1.40 1.50 1.50 1.50 1.50 1.20 0.30 1.10	0.007 0.162 0.134 0.186 0.166 0.236 0.165 0.191	0.2 2.9 3.7 7.8 8.8 12.1 13.2 12.9	21 220 199 229 273 235 333 242	291 5740 2840 2160 677 1520 3860 1630	
2	53.60	68.30	Hurdman Zone 3-90% Sulphides	12894	53.60	55.10	1.50	0.690	18.3	246	6410	



# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %			
3	61.25	61.45	- Altered section Quartz-Sillimanite-Séricite, generally 3-5% Pyrite-SphaleritePyrrhotie with locally a nice section of massive sulphides. Foliation 70-80° C.A.	12895	55.10	56.60	1.50	1.220	18.4	195	6830	10.75			
				12896	56.60	57.05	0.45	1.020	23.4	156					
				12897	57.05	57.75	0.70	1.600	75.9	86	399				
							12898	57.75	58.75	1.00	0.085	8.2	106	2350	1.67
							12899	58.75	60.00	1.25	0.334	21.8	207		
							12900	60.00	61.25	1.25	0.235	21.0	244	8000	
							12901	61.25	61.45	0.20	0.299	13.2	255		
				12902	61.45	62.40	0.95	0.118	9.0	73	1675	2.28			
				12903	62.40	62.95	0.55	0.026	2.1	41	324				
				12904	62.95	64.10	1.15	0.583	63.6	99	4790				
				12905	64.10	65.10	1.00	1.375	21.7	54	1100				
				12906	65.10	65.90	0.80	0.336	20.0	53					
				12907	65.90	67.25	1.35	0.246	26.7	184			1.67		
				12908	67.25	68.30	1.05	0.085	10.9	605	7760				
3	67.25	68.30	Massive sulphides - 70-90% Pyrrhotite-Pyrite-Sphalerite.												
1	68.30	76.65	Biotite Gneiss - Fine grain, well foliated 70-80°C.A, unaltered, unmineralized.	12912	68.30	69.50	1.20	0.077	1.8	88	6010				
1	76.65	83.10	Pegmatitic Dyke - Felsic Dyke, coarse grain, ligh grey to pinkish, unmineralized.												
1	83.09	83.10	EOH												

*End of Lithology and Assays ;*

# HURDMAN PROJECT

**MRB** & associates  
mining consultants

**Hole:** ELO-91-1C

Easting:	6800.00	Northing:	-1550.00	Elevation:	0.00
UTM Easting:	443383.08	UTM Northing:	5484793.16	UTM Elevation:	0.00
Azimuth:	0.00	Dip:	-90.00	Length:	102.00 m.
Azimuth:	0.00				
Hole Type:	AQ	Zone:	HSZ	Contractor:	McKinnon
Started:	2005-02-20	Finished:	2005-02-21	Logged By:	Jean-Sébastien Lavallée
Claim:	P1199489	Cemented:	<input type="checkbox"/>	Surveyed:	<input type="checkbox"/>
Township:	Hurdman				
Description:	Second hole at 91-1 Set Up.				

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	0.00	11.60	Overburden - Casing									
1	11.60	28.10	Biotite Gneiss - Light to medium grey banded, small to medium grain, weakly sericitic alteration, very rich in biotite, locally 40% Biotite, well banded biotite (gneissosity) 80° C.A, minor pyrite, locally little later pegmatite dyke. < 1% magnetite.									
2	13.60	14.20	Pegmatite dyke - Felsic dyke, coarse grain, light grey, contact : 60-65°C.A, 3-5% muscovite, unmineralized.									
1	28.10	35.30	Pegmatite dyke - Felsic Dyke, coarse grain, light greenish grey to pinkish, minor pyrite, 3-5% muscovite-biotite, upper contact: 85° C.A, lower contact : 70° C.A									
1	35.30	63.75	Hurdman Zone - Altered Biotite-Sillimanite-Quartz Gneiss with 1-10% sulphides, generally disseminated Pyrite-Sphalerite±Pyrrhotite, locally mineral lineation in sillimanite is strongly developed, the foliation is variable some are 65-75° and the other are 25-35° C.A , <1% magnetite.									
2	35.30	38.10	<1% sulphides - Zone with minor pyrite.	12913	35.30	36.90	1.60	0.122	2.0	167	1115	
				12914	36.90	38.10	1.20	0.120	1.7	182	646	
2	38.10	38.80	Quartz vein - Quartz vein, minor pyrite, contact 55-60°C.A.	12915	38.10	38.80	0.70	0.019	0.7	49	258	
2	38.80	40.15	2-5% Sulphides - 2-5% Pyrite, little veining, foliation 70° C.A.	12916	38.80	40.15	1.35	0.104	1.7	225	783	
2	40.15	41.50	1% Sulphides	12917	40.15	41.50	1.35	0.082	1.5	164	2140	

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
2	41.50	45.00	- 1% Pyrite, massive section,									
			2-5% Sulphides	12918	41.50	42.60	1.10	0.309	4.8	397	1015	
			- 2-5% Pyrite±Sphalerite±Pyrrhotite, silicified, quartz veining, foliation 40-70° C.A.	12919 12920	42.60 43.50 43.50 45.00	43.50 45.00	0.90 1.50	0.741 1.160	10.9 7.9	785 849	1675 1305	
2	45.00	46.95	1% Sulphides	12921	45.00	46.25	1.25	0.048	1.0	146	227	
			- Massive section, minor to 1% Pyrite. Foliation 70° C.A	12922	46.25	46.95	0.70	0.168	3.9	475	542	
2	46.95	48.50	2-4% Sulphides - Silicified section with quartz veining, 2-4% Pyrite±Sphalerite±Pyrrhotite, foliation 60-70° C.A	12923	46.95	48.50	1.55	0.238	5.2	506	1475	
2	48.50	48.70	10-15% Sulphides - 10-15% Pyrite- Pyrrhotite±Sphalerite, silicified.	12924	48.50	48.70	0.20	1.050	3.0	286	4890	
2	48.70	49.85	1% Sulphides - 1% Pyrite±Pyrrhotite±Sphalerite, biotite rich, altered.	12925	48.70	49.85	1.15	0.112	2.8	254	349	
2	49.85	50.40	1-2% Sulphides - Silicified and quartz veining zone, 1-2% Pyrite.	12926	49.85	50.40	0.55	0.081	1.0	135	125	
2	50.40	51.55	2-3% Sulphides	12927	50.40	51.55	1.15	0.138	3.6	427	1430	
			- Silicified, 2-3% Pyrite±Pyrrhotite disseminated.									
2	51.55	54.45	1% Sulphides	12928	51.55	53.00	1.45	0.082	2.3	160	3070	
			- 1% disseminated Pyrite- ±Pyrrhotite±Sphalerite, weakly altered. Foliation 60° C.A.	12929	53.00	54.45	1.45	0.060	1.1	92	272	
2	54.45	55.70	2-3% Sulphides	12930	54.45	55.00	0.55	0.639	25.7	322		1.13
			- 2-3% Pyrite- Sphalerite±Pyrrhotite, weakly silicified	12931	55.00	55.70	0.70	0.347	17.1	404		2.25
2	55.70	56.25										

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
2	55.70	56.25	5-10% Sulphides - 2-4% Pyrite-Pyrrhotite, 3-5% Sphalerite, weakly silicified,	12932	55.70	56.25	0.55	0.547	62.7	444		15.30
2	56.25	59.40	1-3% Sulphides - 1-3% Pyrite-Sphalerite±Pyrrhotite, well foliated 60-70° C.A, high sillimanite alteration.	12933 12934 12935	56.25 57.00 58.30	57.00 58.30 59.40	0.75 1.30 1.10	0.248 0.033 0.197	10.9 2.8 11.5	261 76 149	4340 553 1895	
2	59.40	60.10	2-4% Sulphides - 2-4% Pyrite-Pyrrhotite±Sphalerite, weakly silicified, moderate sillimanite alteration.	12936	59.40	60.10	0.70	0.100	13.5	235	1550	
2	60.10	60.40	Quartz Vein - Quartz vein, minor pyrite, contact 70° C.A	12937	60.10	60.40	0.30	0.146	9.0	55		1.45
2	60.40	61.45	2-5% Sulphides - 2-5% Pyrrhotite-Sphalerite-Pyrite, weakly silicified.	12938	60.40	61.45	1.05	0.146	11.5	243		2.75
2	61.45	62.30	1-2% Sulphides - 1-2% Pyrite-Pyrrhotite, weakly silicified.	12939	61.45	62.30	0.85	0.042	3.9	76	1150	
2	62.30	63.00	4-7% Sulphides - 4-7% Pyrite-Pyrrhotite-Sphalerite, Silicified.	12940	62.30	63.00	0.70	0.575	24.3	205		1.47
2	63.00	63.75	1-2% Sulphides - 1-2% Disseminated Pyrite.	12941	63.00	63.75	0.75	0.057	2.2	26	166	
1	63.75	102.00	Biotite-Garnet Gneiss - Well biotite banded, 1-2% garnet(1-5mm) with locally 5-7%, foliation 70°C.A, locally bleach, weakly sericitic alteration, unmineralized, injected by small later pegmatite dyke or quartz vein. Little silified section between 86.00 to 89.80 but unmineralized. Locally weakly sillimanite alteration.									
2	77.45	77.65	Quartz vein									

# HURDMAN PROJECT

## Lithology and Assays:

Level	From	To	Description	SampleNum	From	To	Length	Au g/t	Ag ppm	Cu ppm	Zn ppm	Zn %
1	101.99	102.00	EOH - Quartz vein, minor pyrite, contact 70-80° C.A.									

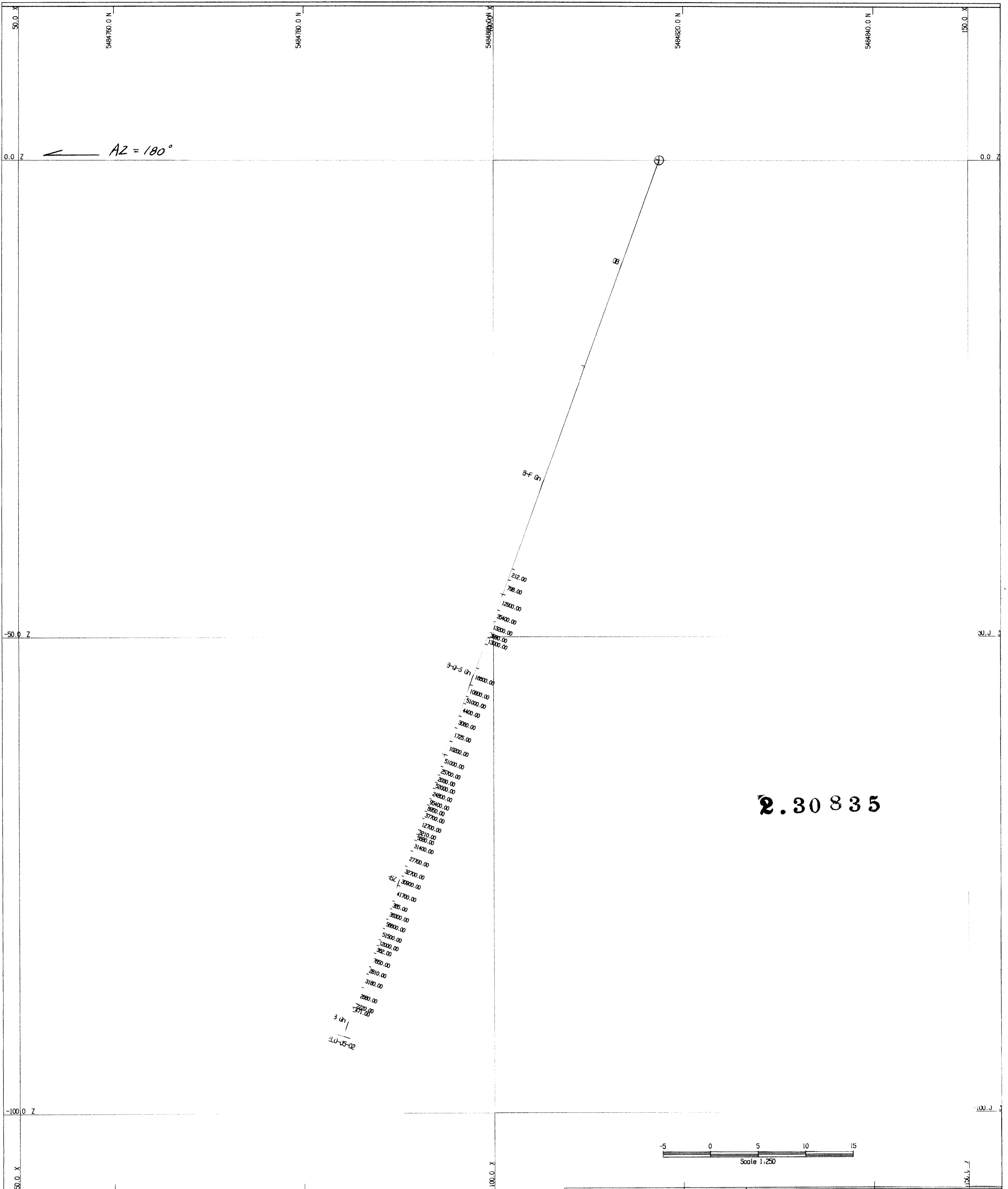
*End of Lithology and Assays :*

**HURDMAN ZINC PROJECT**  
**STRATIGRAPHIC CODIFICATION**  
**FOR THE DRILLING SECTIONS**

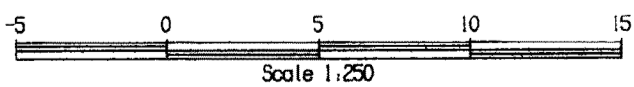
OB	OVERBURDEN
B Gn	BIOTITE GNEISS
B-F Gn	BIOTITE - FELDSPAR GNEISS
B-F-Q Gn	BIOTITE - FELDSPAR - QUARTZ GNEISS
B-F-Q-G Gn	BIOTITE - FELDSPAR - QUARTZ - GARNET GNEISS
B-G Gn	BIOTITE - GARNET GNEISS
B-Q-S Gn	BIOTITE - QUARTZ - SILLIMANITE GNEISS
HSZ	HURDMAN SULPHIDE ZONE
Peg	PEGMATITIC UNIT
S-Gn	SILLIMANITE GNEISS
SULF	SULPHIDES

TAKE NOTE THAT ALL ZINC VALUES APPEARS IN **PPM** ON THE SECTIONS

**2.30835**



2.30835



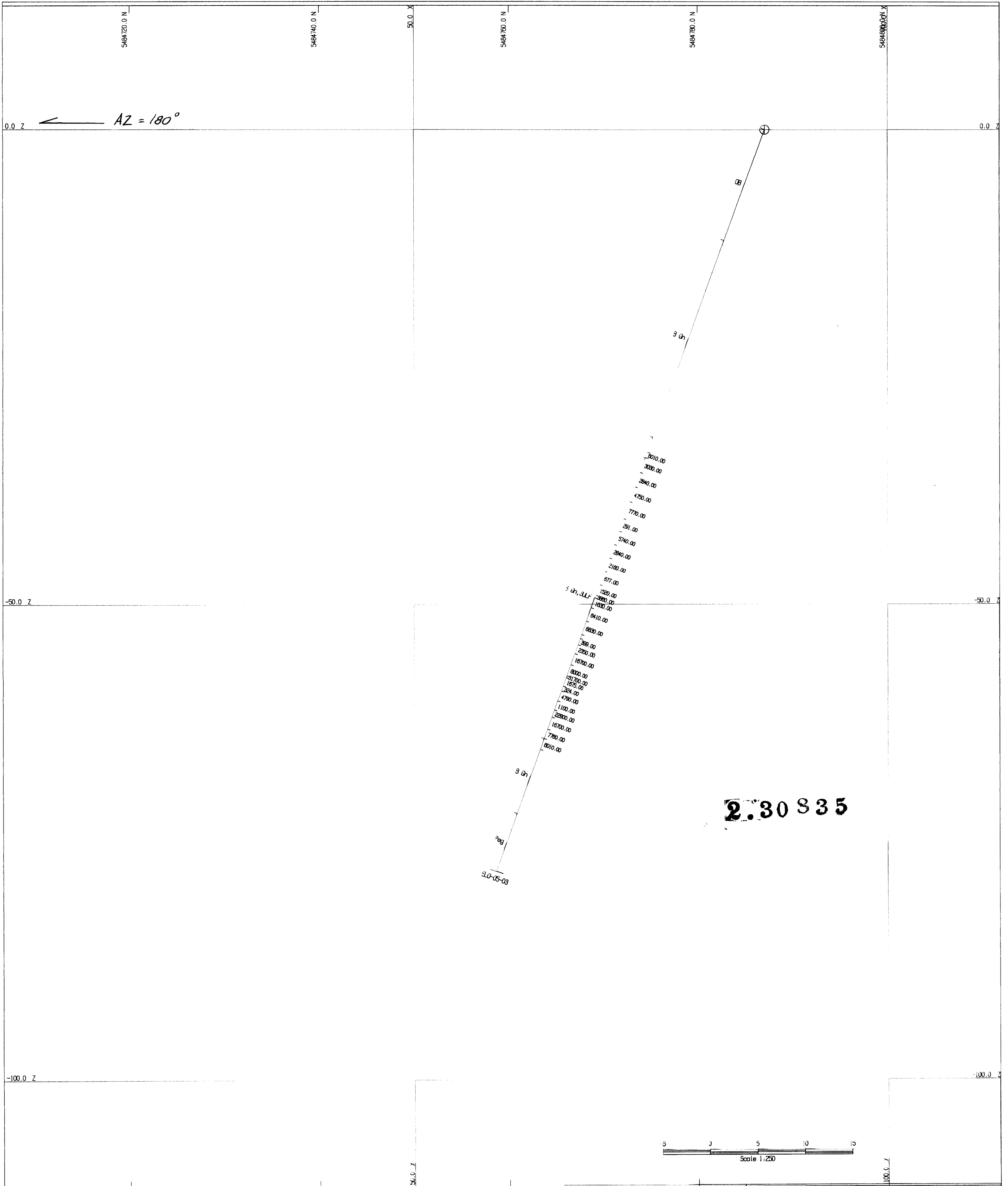
MRB and Associates  
 Val d'Or Office  
 420 Lamèque Boulevard  
 Val d'Or, PQ  
 J9P 3L4

Section = 443250  
 Claim = P 1199489  
 ELO-05-02 : Az=180 Dip=-70 Length=97,8 m

UNITS : METRES DATE : 06/02/14 TIME : 09:02:11

Software by Ramon Software International



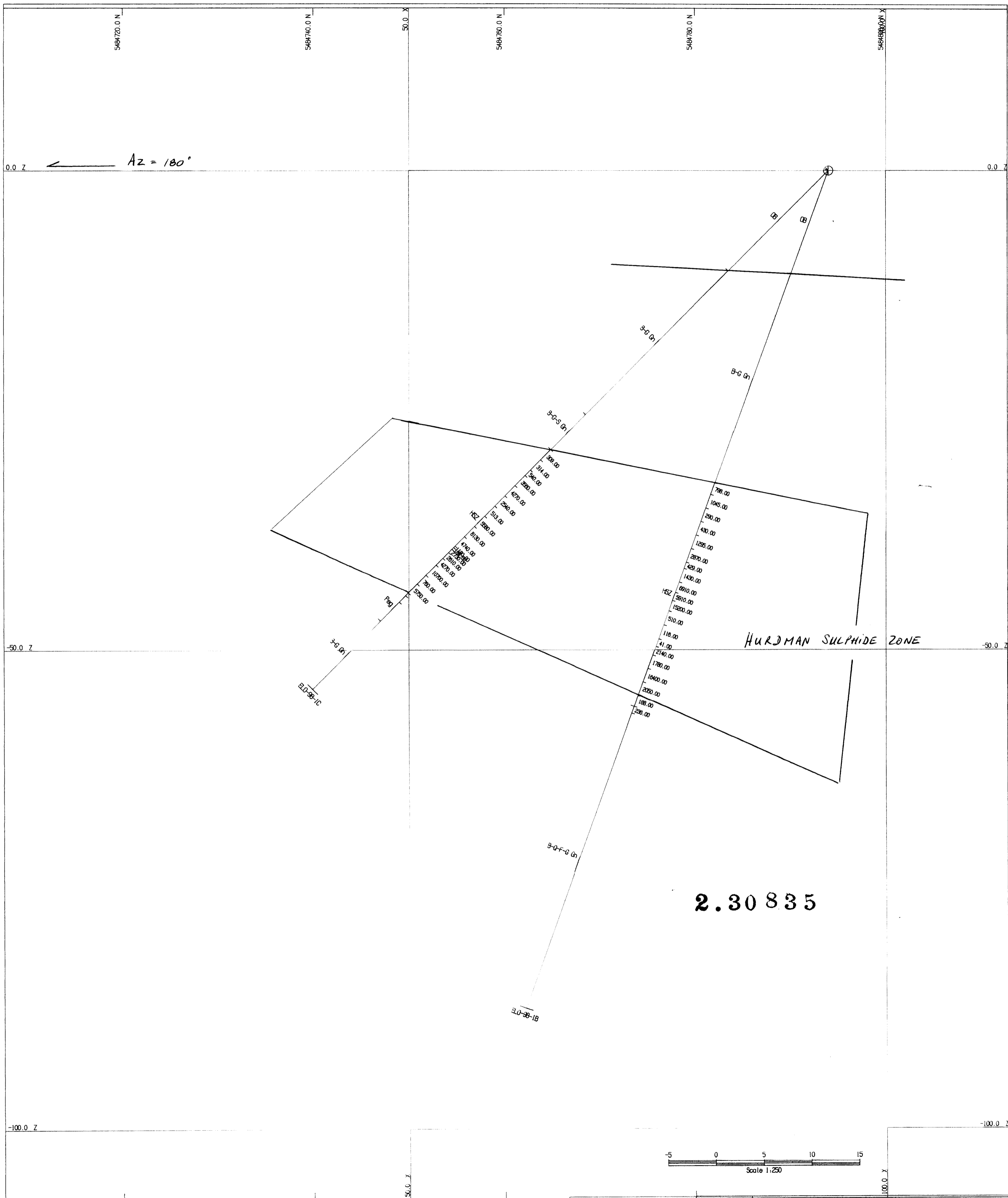


MRB and Associates  
 Val d'Or Office  
 420 Lamaque Boulevard  
 Val d'Or, PQ  
 J5P 3L4

Section = 443325  
 Claim = P 1199489  
 ELO-05-03 : Az=180 Dip=-70 Length=83,1 m

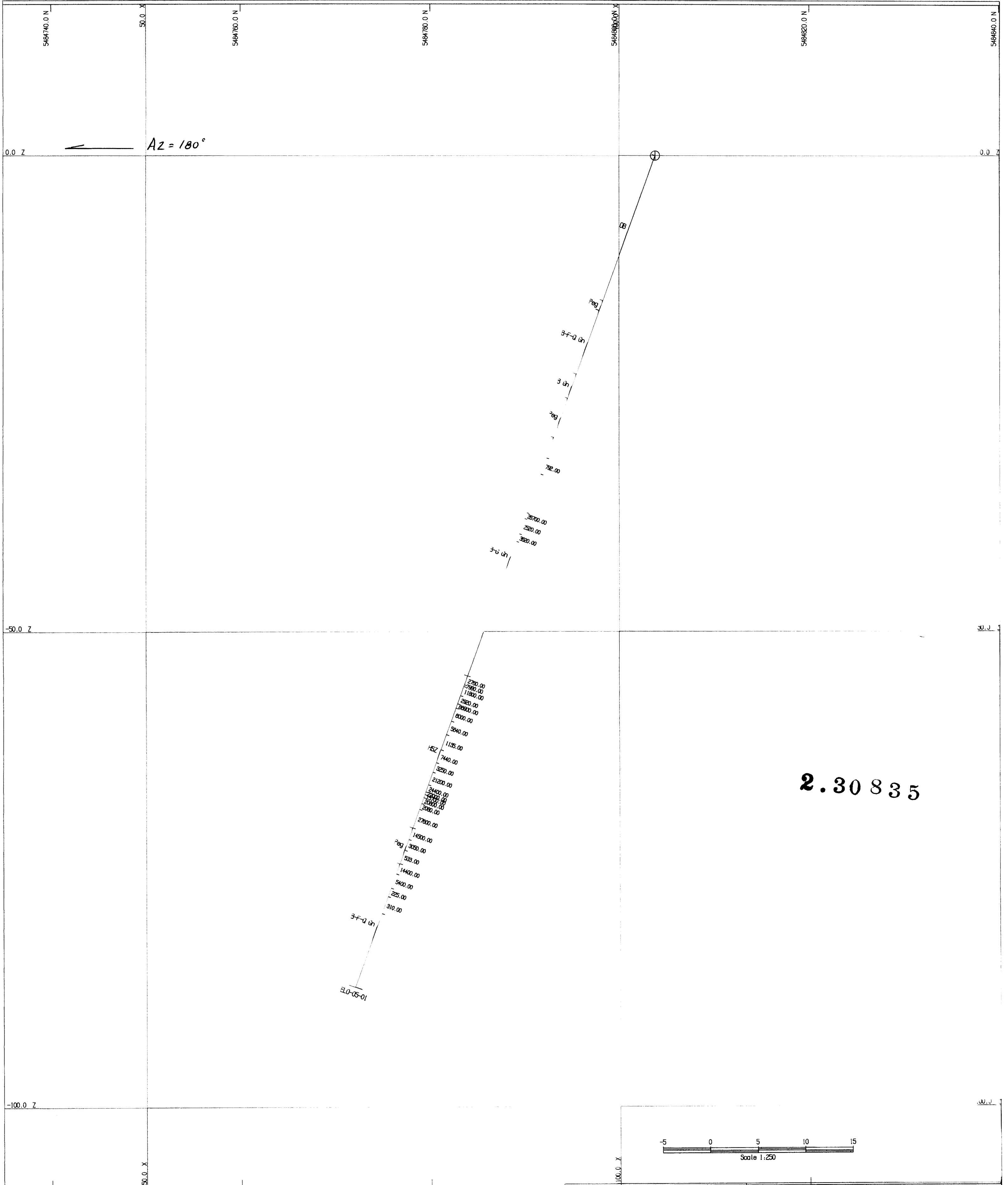
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Software by Geosoft Software International

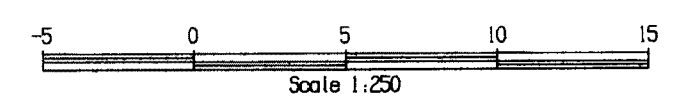


MRB and Associates  
 Val d'Or Office  
 420 Lamaque Boulevard  
 Val d'Or, PQ  
 J9P 3L4

Section = 443500  
 Claim = P 1199489  
 ELO-98-1B : Az=180 Dip=-70 Length=93 m  
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2.30835

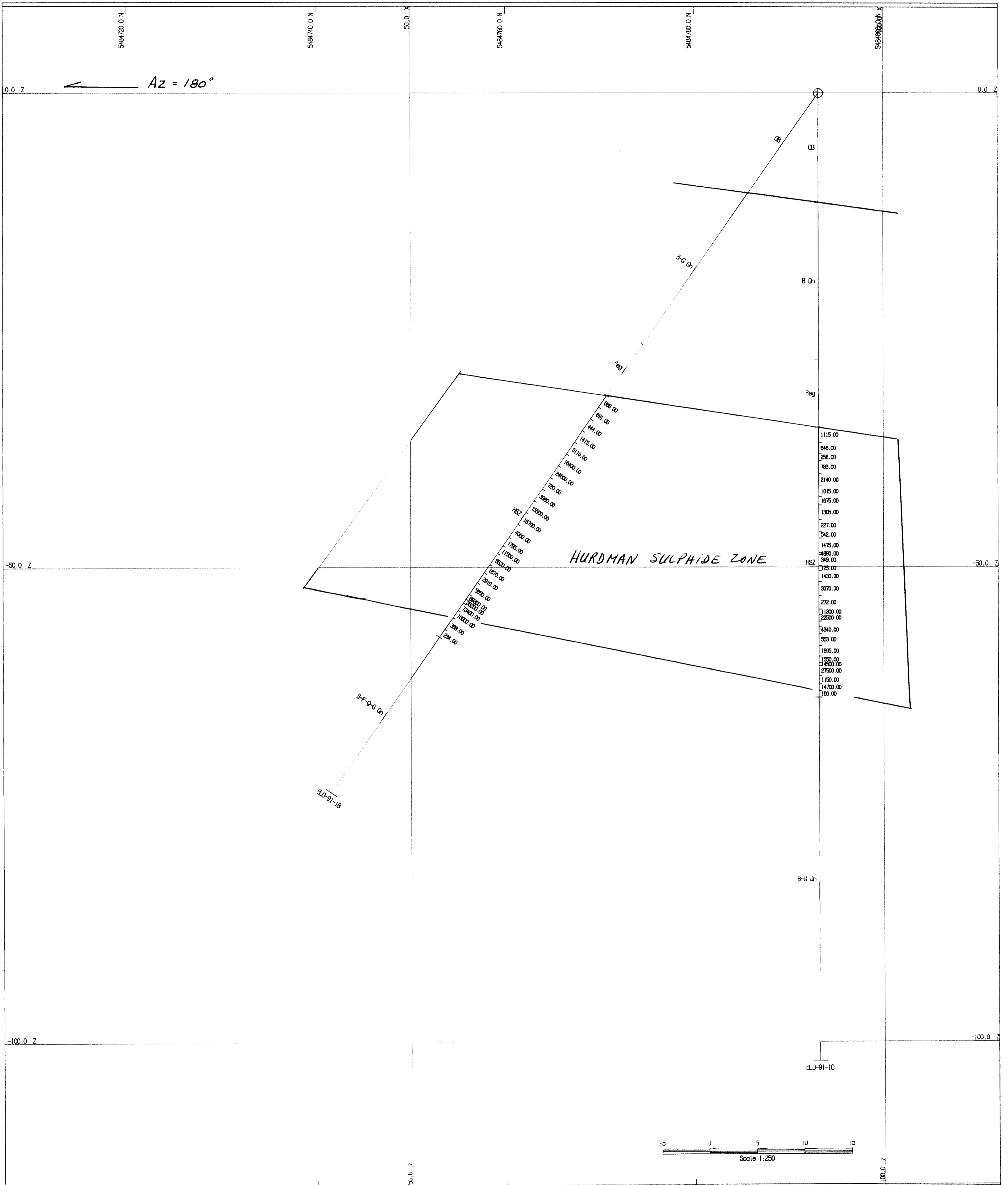


MRB and Associates  
 Val d'Or Office  
 420 Lamque Boulevard  
 Val d'Or, PQ  
 J9P 3L4

Section = 443275  
 Claim = P 1199489  
 ELO-05-01 : Az=180 Dip=-70 Length=93 m

UNITS : METRES DATE: 06/02/14 TIME: 09:03:50

Software by Geosoft Software International



MRB and Associates  
 Val d'Or Office  
 420 Lacombe Boulevard  
 Val d'Or, PQ  
 J9P 3L4

Section = 443375  
 Claim = P 1199489  
 ELO-91-1B : Az=180 Dip=-55 Length=90 m  
 ELO-91-1C : Az=0 Dip=-90 Length=102 m

UNITS : METRES DATE: 06/02/14 TIME: 09:08:10

Software by Geosoft Software International



442750 mE 443000 mE 443250 mE 443500 mE 443750 mE 444000 mE 444250 mE

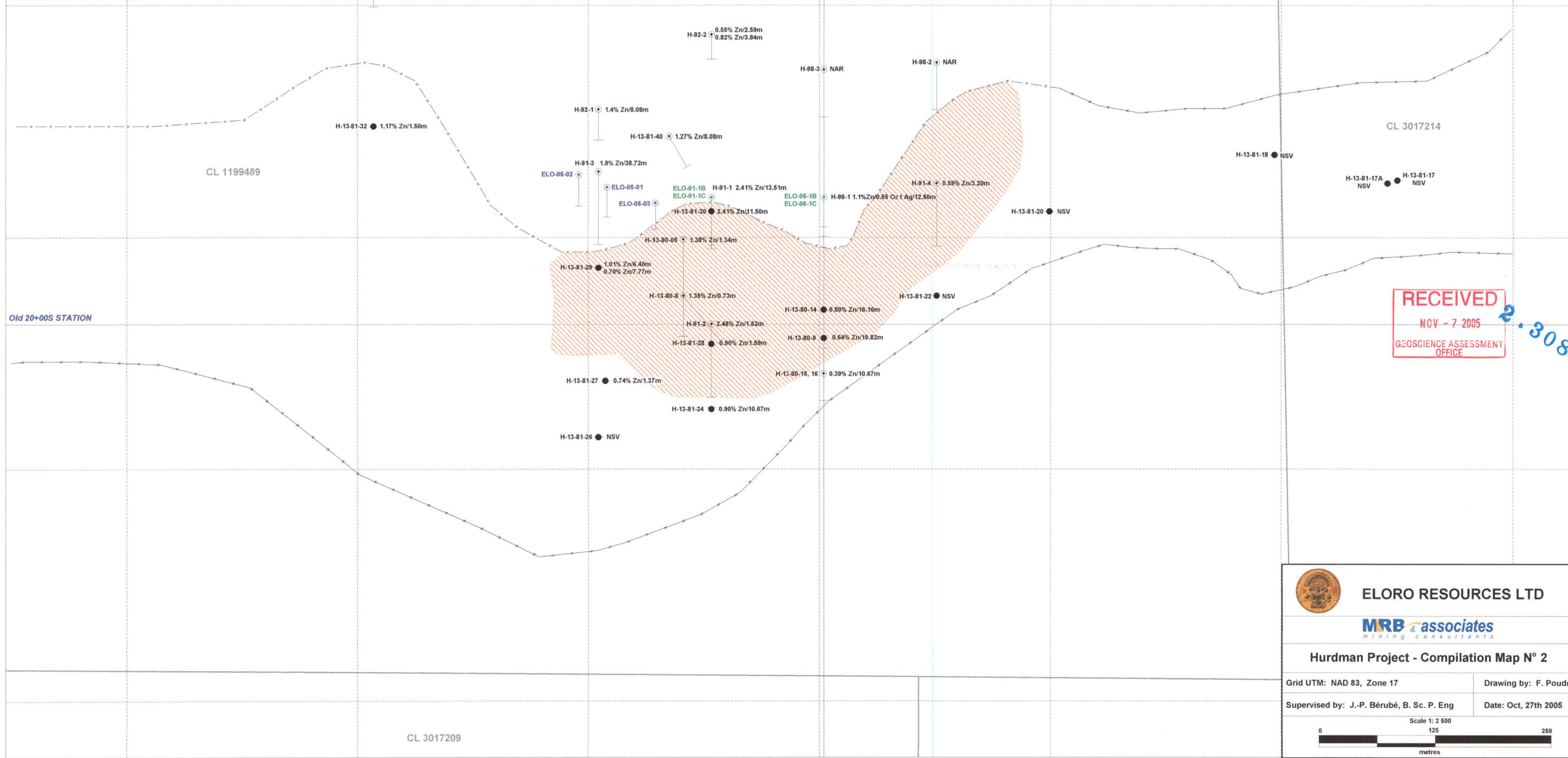
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5484500 mN  
5484250 mN

**LEGEND**


- x — Approximate Contours of IP Anomaly
- Contour of HLEM Anomaly
- Vertical Holes (Mattagami)
- South Dipping Holes
- Mattagami: H-13-81.29
- Noront: H-91-1
- Galico/Noront: H-92-1
- Baltic/Noront: H-98-1
- Eloro: Twinned Holes
- Eloro: 2005 Drilling
- NSV No Significant Value
- NAR No Assay Results


Hole #	From_m	To_m	Length_m	Zinc_%
ELO-98-1-B	45.7	56.8	11.1	0.55
ELO-98-1-C	45	55.6	10.6	0.42
ELO-91-1-B	46.5	67.5	21	1.53
(including)	64.5	66.55	2.05	6.9
ELO-91-1-C	54.45	63	8.55	1.85
(including)	55.7	56.25	1.8	5.9
ELO-05-01	58.2	81.95	23.75	1.17
(including)	69	75.2	6.2	2.14
ELO-05-02	64.9	88.5	23.6	3
(including)	83.55	87	3.45	4.86
ELO-05-03	53.6	69.5	15.9	1.09
(including)	56.6	61.45	4.85	1.82



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**Hurdman Project - Compilation Map N° 2**

Grid UTM: NAD 83, Zone 17      Drawing by: F. Poudrier

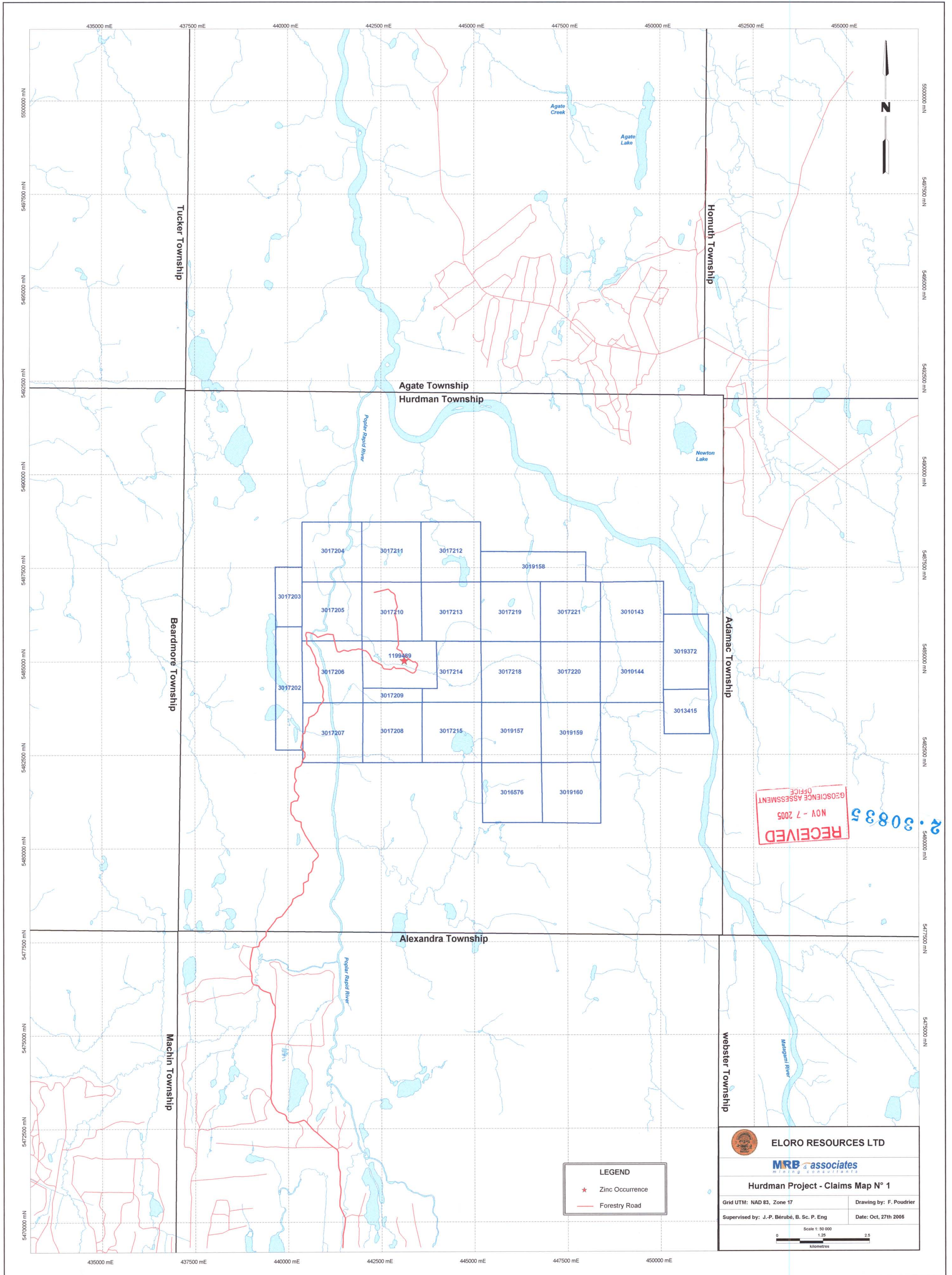
Supervised by: J.-P. Bérubé, B. Sc. P. Eng      Date: Oct, 27th 2005

Scale 1: 2 500

0      125      250  
metres

442750 mE 443000 mE 443250 mE 443500 mE 443750 mE 444000 mE 444250 mE





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**LEGEND**

- ★ Zinc Occurrence
- Forestry Road

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**Hurdman Project - Claims Map N° 1**

Grid UTM: NAD 83, Zone 17      Drawing by: F. Poudrier

Supervised by: J.-P. Bérubé, B. Sc. P. Eng      Date: Oct. 27th 2005

Scale 1:50 000  
 0 1.25 2.5  
 kilometres