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ASSESSMENT REPORT ON THE HOTISH DIAMOND EXPLORATION PROJECT

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ASSESSMENT REPORT OF THE HOTISH DIAMOND EXPLORATION PROJECT

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The Hotish property is located between the Tichegami and Papawskasati Rivers in the Otish Mountains area, Quebec covering 420 sq.km (768claims). It is host within the Mistassini-Lemoyne structure that contains the 10 Renard kimberlites and (located just south of a) five kimberlites (Beaver Lake, and H-1 to 4) cluster. Extensive 2002-2003 till sampling yielded an array of favorable kimberlite indicators minerals including G10, G9, chromites, ilmenites, cr-diopsides.

Dios 2003 drilling program intersected kimberlitic material in thirteen of thirty-seven short holes. Three (3) distinct kimberlitic occurrences were defined, with one found in outcrop. These occur as 1-2 meters wide hypabyssal macrocrystic kimberlite sills. The kimberlite is a dark grey to lightly greenish magnetic ultramafic rock that is composed of 1-5% mm carbonate, 3-5% (locally up to 10%) rounded mm ilmenite (-magnetite) xenocrysts, tr-20% rounded mm-cm yellow-green olivine xenocrysts, 1-8% mm phlogopite macrocrysts and rare (tr-3%) mm-cm serpentinized mantle ultramafic xenoliths. Rare pyropes were only observed in the xenoliths. Thin sections confirm pervasive serpentinization of the olivine-rich matrix. Evidences of flow differentiation (medium-grained phases enclosing a finer one) may be observed.

The latest till campaign yield a number of quality KIMs that defined six new target areas. These include a good part (up to 25% in some sample) of high chromium (8,0-11.56% wt Cr203) pyropes some being associated with diamond-intergrowth chromite (DGC) and/or Cr-picroilmenites. Strong variation in the indicator component ratios clearly suggests sources with distinctive chemistry. High-chromium pyrope content generally suggests good diamond potential. Mn-thermobarometer on the CPX confirms a cold geotherm for the area i.e. that the underlying mantle material sampled by the kimberlite shows favorable temperature-pressure conditions to the diamond preservation.

Therefore Dios 2005 Hotish exploration program should focus on the investigation (by drilling) of these promising KIMs anomalies (with better chemistry than the ones already successfully tested).

INTRODUCTION

The HOTISH (363) properties were map-staked by Dios Exploration in the 2003-2004. The HOTISH project is a diamond exploration project in the region of the Proterozoic Otish and Papaskwasati sedimentary basins. It is located north of the Beaver Lake, H 1-4 kimberlites (figure 1, 2) and **along the same Mistassini-Lemoyne corridor that hosts the recent Ashton-Soquem discoveries** (figure 3, 4, 5). The later are located about 100 km further north where a staking rush took place in the fall of 2001(including Ashton-Soquem, Majescor-Canabrava, Dios-Sirios, Plexmar, Ditem). Recent KIMs datas are available, and they showed high counts (10-1000s KIMs) in the vicinities of the HOTISH. In 2004, Ashton-Soquem uncovered a metric N-NW kimberlitic sill on the nearby Tichegami project.

This report aims to describe the 2004 works on HOTISH (363) project, evaluate its pertinence, and recommends further works to fully establish its potential.

DIAMOND EXPLORATION MAIN PRINCIPLES

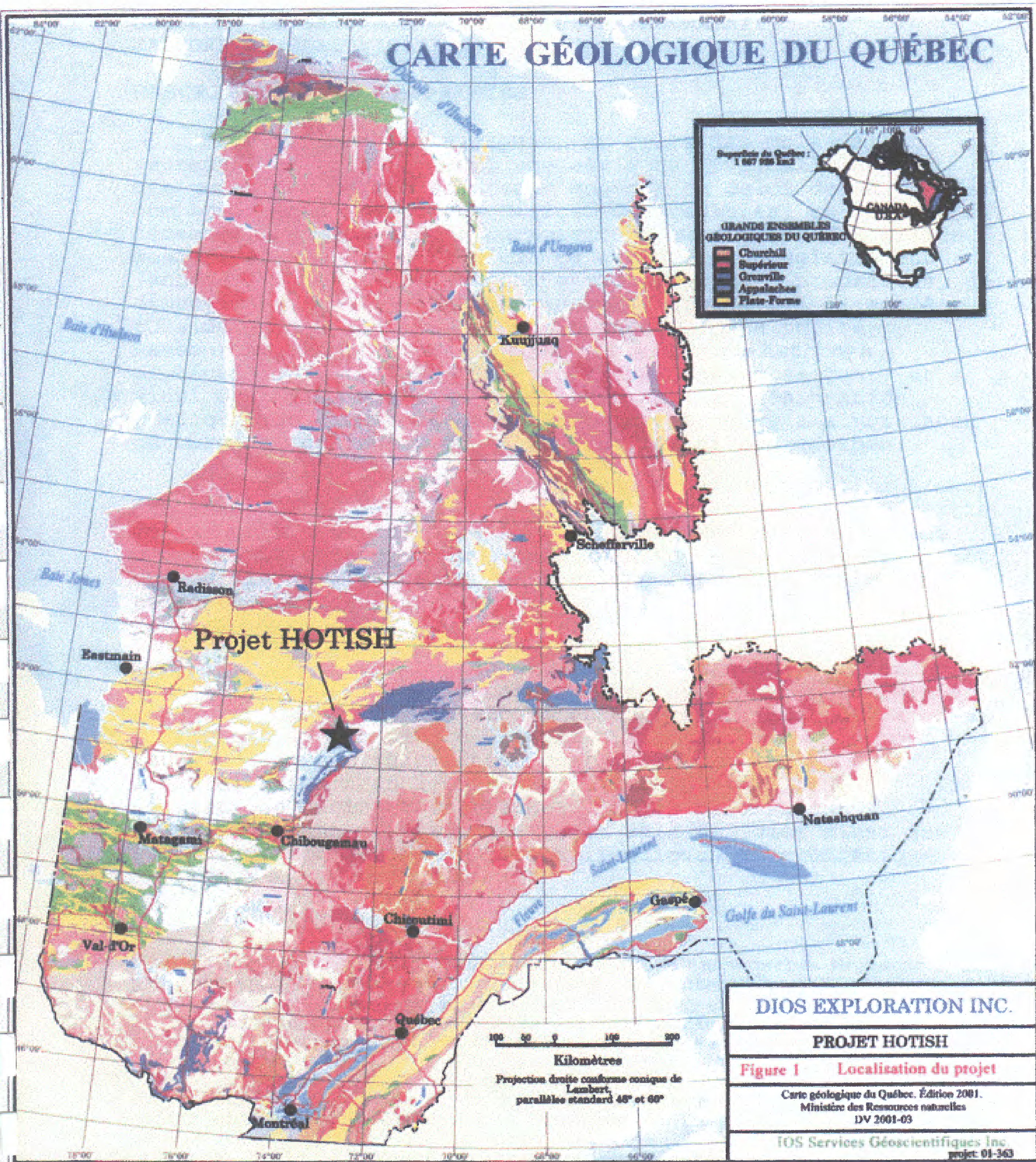
Dios properties were staked for its diamond potential. Strategies and principles for diamond exploration differ from the conventional metal exploration, a brief review follows.

Primary diamond sources are limited to particular and unusual intrusive rocks that include kimberlites, orangeites and lamproites. They are perpotassic alkaline ultramafic rocks, usually set in hypabyssal dykes or shallow diatremes. Among those, orangeites are only known in Southern Africa, and diamond-bearing lamproites are limited to Australia. So far, kimberlitic diatremes remain the only economical target in diamond exploration.

Diatremes are pipe-shaped intrusions in which the kimberlitic magma enclosed original mantle fragments as well as supracrustal wallrocks. Diamonds are scattered as xenocrysts or as inclusions within the mantle-xenoliths. They are not create within the kimberlite, but are simply carried by it, from the superior mantle to the earth surface.

The setting of diatremes is not influenced by local geology and shallow structures. Its control is associated with wide-scale geotectonic processes that are linked to deep lithospheric structures.

Particular pressure and temperature (only found in sub-cratonic lithosphere) are necessary for the formation of diamond. These conditions for the formation and preservations of diamond can be found within the cratons which act as a thermal shield that preserve a


CARTE GÉOLOGIQUE DU QUÉBEC
GRANDS ENSEMBLES GÉOLOGIQUES DU QUÉBEC
Churchill
Supérieur
Grenville
Appalaches
Plate-Forme
CANADA
Baie d'Ungava
Baie d'Hudson
Baie James
Kuujjuaq
Schefferville
Radisson
Eastmain
Projet HOTISH
Matagami
Chibougamau
Natashquan
Chicoutimi
Gaspé
Golfe du Saint-Laurent
Val-d'Or
Québec
Montréal
Kilomètres
Projection droite conforme conique de Lambert, parallèles standard 46° et 60°
DIOS EXPLORATION INC.
PROJET HOTISH
Figure 1 Localisation du projet
Carte géologique du Québec. Édition 2001. Ministère des Ressources naturelles DV 2001-03
IOS Services Géoscientifiques Inc.
projet: 01-363

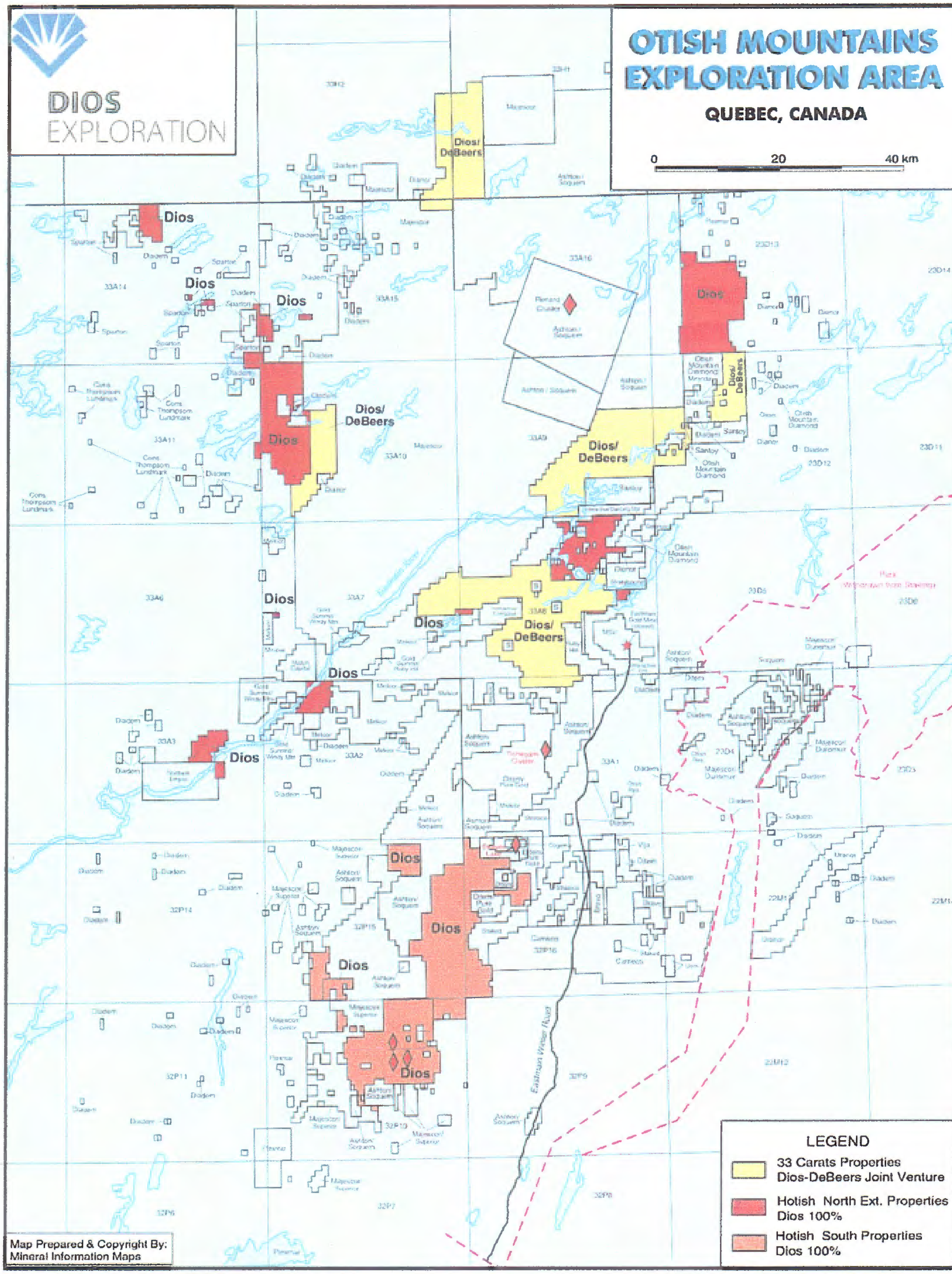

DIOS EXPLORATION
OTISH MOUNTAINS EXPLORATION AREA
QUEBEC, CANADA
0
20
40 km
Dios
Dios/ DeBeers
LEGEND
33 Carats Properties Dios-DeBeers Joint Venture
Hotish North Ext. Properties Dios 100%
Hotish South Properties Dios 100%
Map Prepared & Copyright By: Mineral Information Maps

FIGURE 2

cool and rigid lithosphere keel in the superior mantle. Diamonds are transported to the earth surface by the explosive kimberlitic magmatism. On continental scale, the fertile chimneys are limited to older (Archean) cratons of the Canadian Shield: the Slave structural province (NWT), the Superior province (Northern Ontario and Quebec) as well as the Nain province (Labrador).
Diverse large-scale tectonic breaks may make easier the setting of kimberlites. Usually, they are lithosphere root structures, as grabens, transcurrent faults, intracratonic wrench faults, and extensive mafic dyke swarms. Numerous exploration models are known and each has its own followers.

An important fact is that kimberlites are usually set in swarms. These swarms may contain between 1 and 40 diatremes, usually associated with numerous hypabyssal dykes in a radius up to 30 kilometers. Clusters (100-200km diameter) of swarms may also occur. Numerous works suggest that the swarm distribution show some periodicity, with an average spacing of 400 kilometers (Moorhead and al., 1999).

The diamond potential of kimberlitic intrusive is controlled by two main parameters. First, the adjacent lithosphere must be fertile, i.e. it must be formed within favorable diamond-forming rocks (mainly harzburgites and eclogites) and pressure-temperature conditions. Even if the physico-chimical states are constants in a same mantle region, its diamond content may vary a lot. Secondly, conditions within the kimberlitic intrusive and its dynamic setting conditions must allow diamond preservation i.e. short residence time, low oxygen fugacity, minimum dilution within the diatreme, etc. These confirm that the conditions associated with a specific kimberlites are not necessary the same as it's the ones on Dios properties.

HOTISH PROJECT OVERLOOK

Dios Exploration is the third largest ground holder in this diamond play and is holding a strong position in the center of the area of interest of Majescor and Ashton-Soquem. This project would consist of a regional exploration campaign that aims to target other kimberlitic intrusions, part of the same dyke swarm that host the Beaver Lake, H-1 to 4 kimberlites (as well as the Renards-Lynx cluster). The HOTISH project is composed of the following titles:

DIOS HOTISH PROJECT-MINING TITLES (29/11/04):

Block	**Cells**	**NTS Sheet**	**Area Sq. km**	**Longitude.**	**Latitude.**
Papaskwasati	323	32P10	172.6	72 30'-48'	51 30'-45'
Extremite	269	32P15	143.2	72 23'-39'	51 45'-57'
	161	32P16	85.6	72 23'-39'	51 45'-52 00'
Hautbois	61	32P15	32.5	72 36'-42'	51 56'-52 00'
Hyppo	34	32P16	18.1	72 19'-25'	51 53'-57'
A-2	26	32P15	13.8	72 47'-52'	51 45'-47'
Total	**874**		**465.8**		

Papaskwasati Block:
The Papaskwasati property is composed of 323 registered cells totaling 172.6 square kilometers located within the eastern-half of the 32P/10 NTS sheet, townships 1832,1931 and 1932 (figure 2, 3). It is situated between 51 30'- 51 45' latitudes, and 72 30'-72 48'. It is almost completely surrounded (80%) by Majescor/ Canabrava Mistassini property and limited to the southwest by a small and a large Ashton-SOQUEM property. The Papaskwasati property also enclosed four (4) small Majescor properties (totaling 18 cells).
The property is situated northeast of Mistassini Lake, on the territory of the James Bay municipality, Quebec, Canada. Under the James Bay convention, the area is classified in the #2 category, i.e. that no specific restrictions for the exploration or the exploitation are attached to these mining titles except the normal environmental and Hydro-Quebec requirements.
The Papaskwasati property is located on the undulating lowlands northeast of Mistassini Lake. It is drain by the Papaskwasati, Cheno and Kapaquatche Rivers, all are tributaries of the Mistassini Lake. Access to the property is difficult as few lakes are deep (or long) enough for float-equipped planes. Magyar Lake is the closest accessible lake (a few km to the northeast). In winter, this property may also be access by snowmobile via the Mistassini Lake.
Most of the Papaskwasati block is underlain by Archean gneissic basement and its western portion covers the Mistassini Gr. Papaskwasati Fm sandstones and conglomerates (Chown, 1971). These sanstones are interpreted as a Proterozoic epicontinental siliclastic sequence, in discordance with the Archean basement. Locally, a regolith is developed over the surface of the basement. In the western vicinities of the block, some diabase dykes are reported and a north-south one reaches several hundred meters thick.
Once filtered, the federal airborne magnetic survey outlines seventeen (17) punctual anomalies (figure 4). These anomalies have similar signatures as the one observed at the Beaver Lake kimberlite. Between 1969 and 1980, Pancontinental (Cominco) and Uranerz prospected the region for uranium.

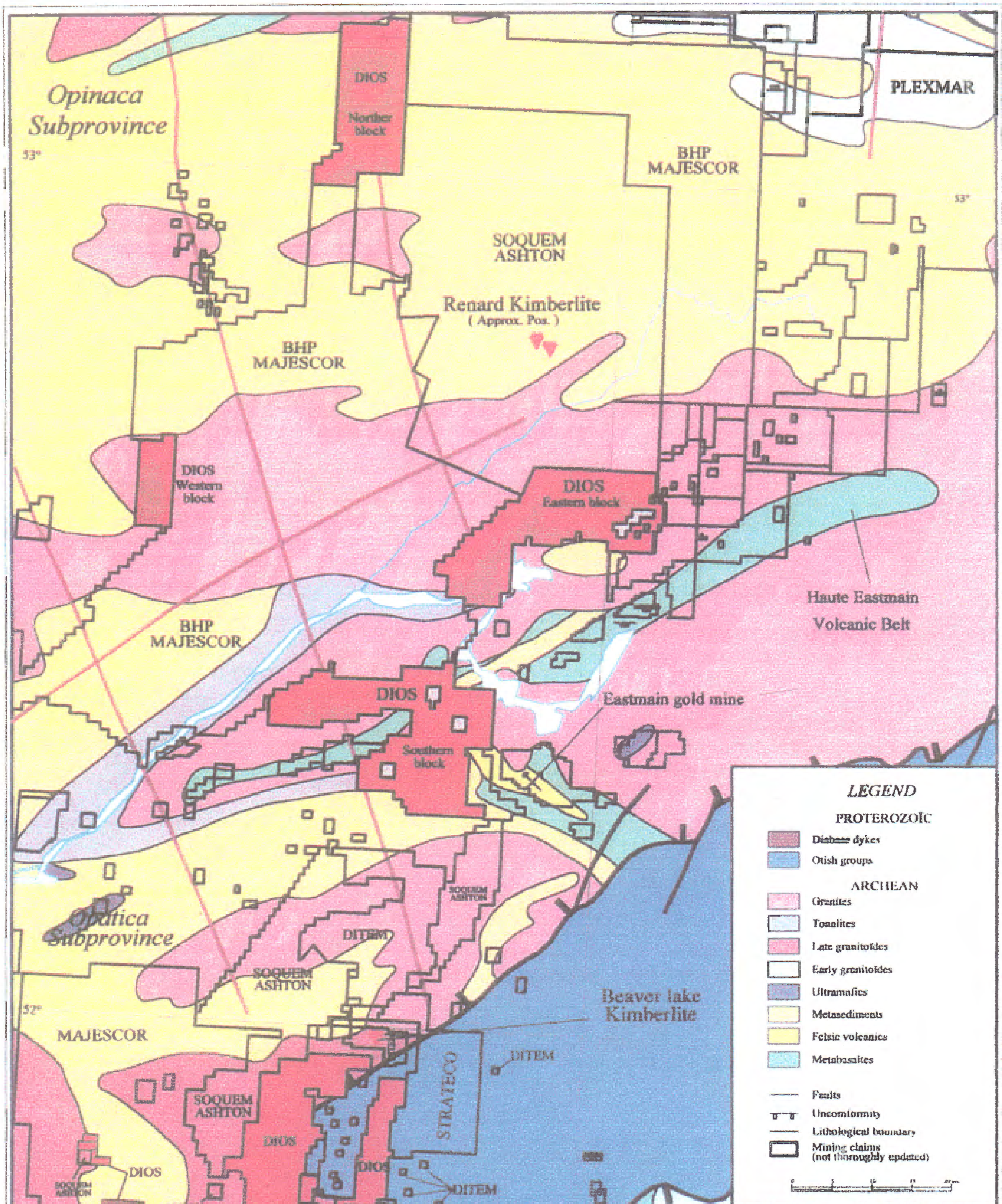


Figure 3: Regional geology

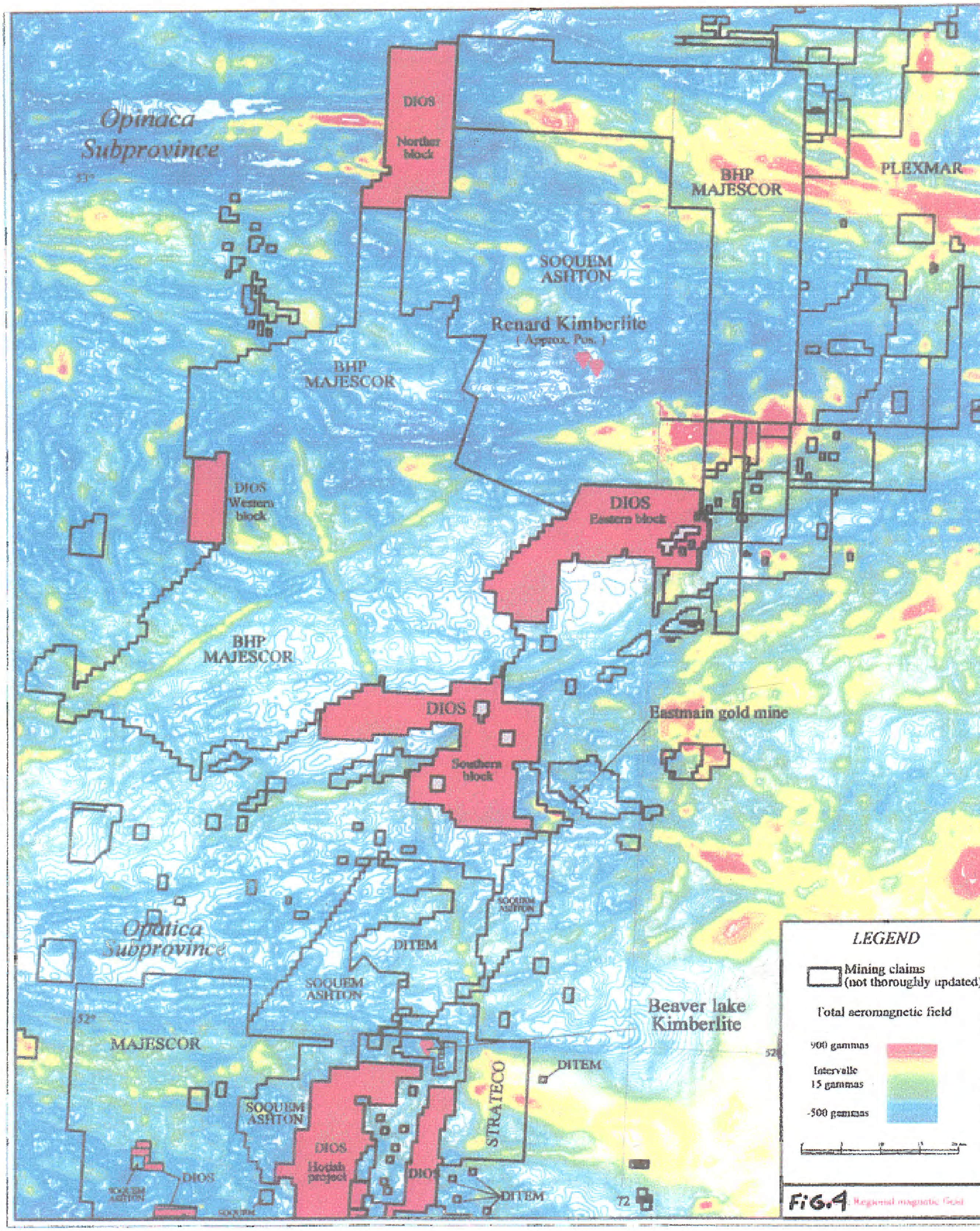


FIG.4 Regional magnetic field

Figure 5A

Figure 5A Champs de kimberlites du Bouclier canadien, avec distances en kilomètres

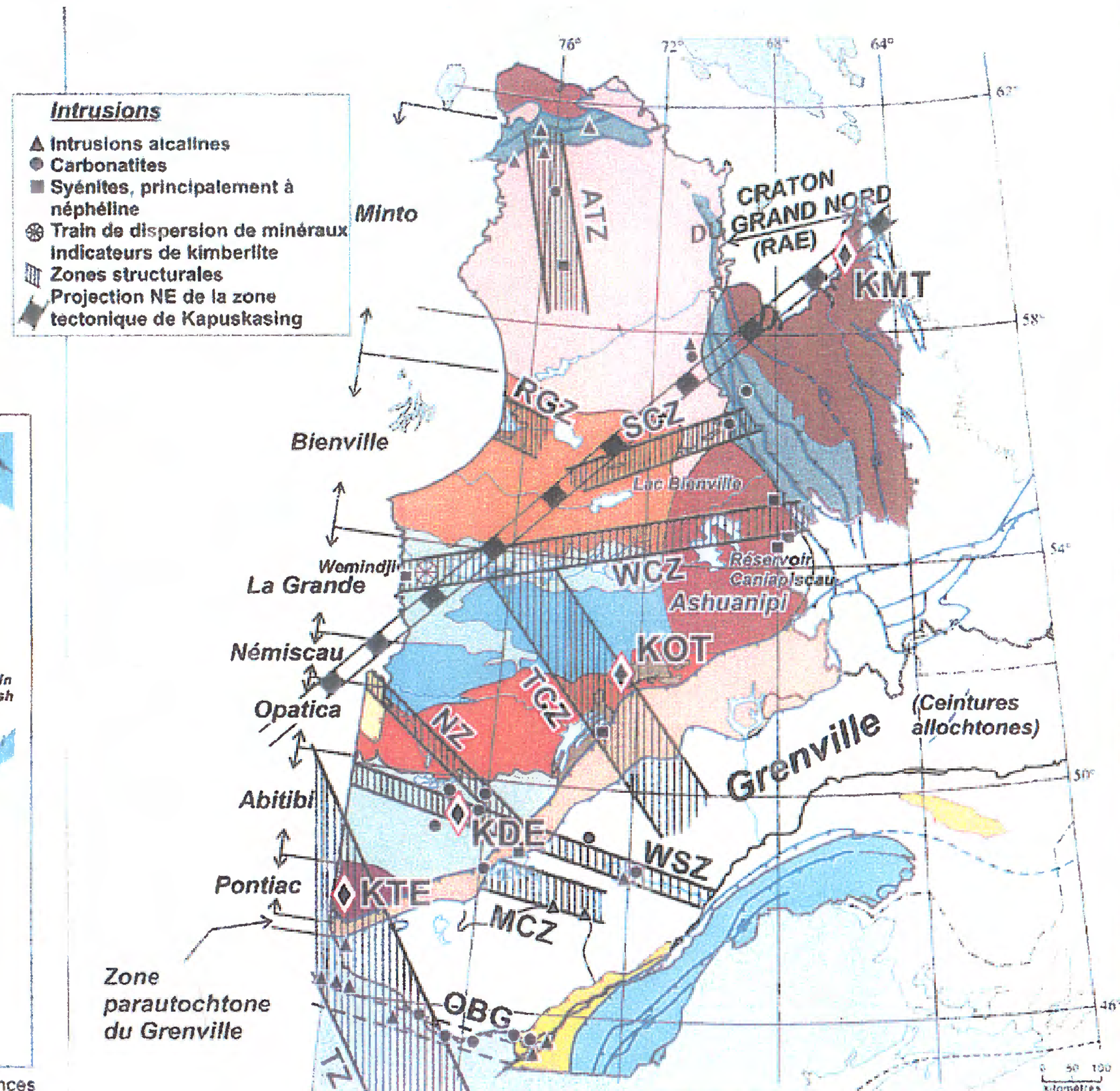


Figure 5B

Figure 5b Sub-divisions tectoniques du Québec (Hocq, 1994) avec la localisation des grandes zones de failles cassantes et les intrusions alcalines. Zones structurales: ATZ: Zone Allemand-Tasiat, RGZ: Zone Richmond Gulf, SCZ: Zone Saindon-Cambrian, WCZ: Zone Wemindji-Caniapiscau, TCZ: Zone Témiscamie-Corvette, NZ: Zone Nottaway, WSZ: Zone Waswanipi-Saguenay, MCZ: Zone Mégiscane-Chasseur, TZ: Zone Témiscamingue, OBG: Graben d'Ottawa-Bonnechère. Champs de kimberlites: Torngat (KMT); Otish (KOT); Desmaraisville (KDE); Témiscamingue (KTE)

Extrémité Block:
The Extrémité property is composed of 430 registered cells totaling 228.8 sq. kilometers located within the western-half of the 32P15/16 NTS sheets, townships 2032, 2132 and 2133 (figure 2, 3). It is situated between 51 45'- 52 0'' latitudes, and 72 23'-72 38'30''. It is limited to the northwest and north by Ashton-SOQUEM Tichegami property, and to the east by a staking park surrounding several Ditem small blocks (Beaver Lake, Beaver Lake south), as well as two small Majescor properties, and to the south by a property owned by Majescor.
The Extrémité property located on Otish Mtns rippled high plains and on Eastmain River lowlands. It is drained by the Techigami River (north), the Papaskwasati and the Kapaquatche Rivers (south), all are tributaries of the Mistassini Lake. Access to the property is difficult as few lakes are deep (or long) enough for float-equipped planes.Hyppocampe Lake (a few km to the east), La Recherche Lake (a few km to the west), and Magyar Lake (at the southern limit) are the closest accessible lakes.
The Extrémité block is underlain by the (eastern portion) of Otish Gr. Indicator Fm sandstones (Chown, 1971). These sandstones are interpreted as a Proterozoic epicontinental siliclastic sequence, in discordance with the Archean basement. Locally, a regolith is developed over the surface of the basement. Outcrops are scattered, but boulders fields are abundant. The area was intensely work by Uranerz between 1969 and 1980.

Once filtered, the federal airborne magnetic survey outlines eleven (11) punctual anomalies (figure 4). These anomalies have similar signatures as the one observed at the Beaver Lake kimberlite.

Hyppo Block:
The Hyppo property is composed of 34 registered cells (down from the original 119 cdc) located within the western-half of the 32P16 NTS sheet, township 2033 and 2133 (figure 2, 3). It is situated between 51 47'- 51 56'30'' latitudes, and 72 21'30''-72 26'. It is limited to the east by a property (Cardinal) owned by Strateco Resources and a staking park, and to the west and north by a staking park, and to the south by a property owned by Plexmar and a small one owned by Osisko Exploration. The staking parks surrounded numerous Ditem Exploration small blocks.
The Hyppo property located on Otish Mtns rippled high plains. It is drain by the Techigami River, a tributary of the Mistassini Lake. Access to the property is difficult as few lakes are deep (or long) enough for float-equipped planes. Hipocampe Lake is the closest accessible lake (a few km to the east). The Eastmain mine winter road is about 20 km east of this property.
The Indicator Fm sandstones (Otish Gr) underlain the Hyppo block (Chown, 1971) and are interpreted as a Proterozoic epicontinental siliclastic sequence, in discordance with the Archean basement. Locally, a regolith is developed over the surface of the basement. Outcrops are scattered, but boulders fields are abundant.
Once filtered, the federal airborne magnetic survey outlined five punctual anomalies (figure 4). These anomalies have similar signatures as the one observed at the Beaver Lake kimberlite. Similar magnetic anomalies are also present on the adjacent Ditem

blocks. Between 1969 and 1980, the whole area was intensely prospected for uranium by Uranerz.

Hautbois Block:
The Hautbois property is composed of 61 registered cells totaling 32.5 sq. kilometers located within the northeastern-quarter of the 32P15 NTS sheet (figure 2, 3). It is situated between 51 45'- 52 0'' latitudes, and 72 23'-72 38'30''. It is surrounded to the northwest and north by Ashton-SOQUEM Tichegami property, and to the southeast by Dios Hotish extremite block.
The Hautbois property is located on Otish Mtns rippled high plains. It is drained by the Techigami River (north) and its subsidiaries. Access to the property is difficult as few lakes are deep (or long) enough for float-equipped planes. Hyppocampe Lake (about 15-20 km to the southeast), La Recherche Lake? (a few km to the south), and Magyar Lake (at the southern limit) are the closest accessible lakes.
The Hautbois block is underlain by granitic gneisses just west of the (eastern portion) of Otish Gr. Indicator Fm sandstones (Chown, 1971). These sandstones are interpreted as a Proterozoic epicontinental siliclastic sequence, in discordance with the Archean basement. Granitic outcrops are common along the strong topography, and boulders fields are present in the flat areas.

A-2 Block:
The A-2 block is composed of 26 registered cells located in the southern part of the 32P15 NTS sheet, township 2030 (figure 2,3). It is situated between 51 45' -51 47' latitudes and 72 47'-72 51'30''longitudes. It almost completely surrounded an Ashton-SOQUEM property, which itself is enclosed within Majescor/Canabrava Mistassini property.
The A-2 property is located between two platforms of the Techigami Mts. The area is drain by the Memeshquasati River, which is a tributary of the Techigami River and the Mistassini Lake. The Mantouchiche Lake is the closest plane-accessible lake (about 5-10 km to the southeast).

HOTISH GEOLOGICAL CONTEXT

The region is located on the southern limit of the Superior craton, a few kilometers northwest of the Grenville front. The area is centered on the Mantouchiche arch, a stratigraphic promontory for the basement that limits the Otish and Mistassini (Gr.) sedimentary basins. In the area of the Mantouchiche Lake, some small sandstone relics are preserved within this arch. Both groups are described as sedimentary sequence with similar stratigraphy including sandstones at the base. These sandstones pass toward an evaporitic complex on the top in the Otish Group, and toward passive continental margin sequences in the Mistassini Group. The Paspaskwasati basin is located nearby the Mistassini Group, as well as the Mistassini dyke swarm are interpreted as an aulacogen root.

Between the 1960-80's, the area was strongly prospected for uranium, looking for Elliot-Lake type (pyritic conglomerate), Key-Lake type (discordance) as well for Lisbon Valley type (epithermal). However, few of the works may be used for diamond exploration. Various companies completed geological mapping, airborne and ground spectrometry, radiometry, magnetrometry and electromagnetometry, Line-cutting, lake sediment and stream geochemical survey, as well as stratigraphic and exploration drilling. Hundred of reports are indexed in the assessment work and their compilation should be completed soon. However, the author has previously compiled all the diamond drill holes and none host alkaline ultramafic rock in the area, except for the Beaver Lake kimberlite (Uranerz).

GLACIAL GEOLOGY

Nature and distribution of the Quaternary deposits:
Glacial landforms are common and well developed throughout the Eastmain region. Being the product of the erosion of metamorphosed and volcano-sedimentary rocks, the regional till located east of the James Bay is generally sandy, pebble-rich and non-calcareous. Although the till thickness may reach 10-15 meters, it is generally much thinner (a few meters). In its upper oxidized portion (B2 horizon, usually less than one meter-thick), the till is characterized by a brownish to beige color; and is grey (C horizon) below the oxidized level. Extensive areas are covered by till shaped in drumlins or crags and tails (behind the protected (down-ice) side of a rocky hill). Going eastward from the Hudson Bay, the dominant drumlins fields progressively change to ribbed or fluted moraines fields, and further away to hummocky moraines (Vincent, 1989).

Drumlins, drumlinoid ridges and crag-and-tail hills consist mainly of lodgment till, but may contain lenses of stratified sand and gravel, many of the drumlins and drumlinoid ridges may prove to have rock cores. The drumlins occur as discrete ridge and are generally 30-3000 meters long, 100-400meters wide and 3-30 meters high. Ribbed-moraine in its most distinctive form consists of arched ridges of bouldery till up to 1600 meters long, 200meters wide and up to 30 meters high. Typically the depressions between the ridges are occupied by elongate or multi-fingered lakes, which serve to accentuate the pattern of ridges. Elongate fields of ribbed moraine occupy shallow depressions in the drift plains or the bottoms of the valleys that cut through the hilly uplands. The hummocky moraine consists of closely spaced, irregularly shaped mounds of bouldery drift, 3 to 15 meters high. Most of the mounds probably consist of ablation (or fusion) till.

The mounds and intervening depressions are profusely littered with boulders, which may average 6 meters in diameter. The resulting topography appears as an irregular jumble ridges tending to be oriented normal to the direction of latest ice-movement. Esker complexes are larger features than the simple eskers varying from a few hundred meters to a kilometer or more wide, and up to 40 meters or more high. Typically there is a prominent central ridge, bordered on either side by depressions often occupied by small lakes. In places the central ridge is divided into two or more sub-parallel ridges separated by elongate steep-side depressions.

Glacio-fluvial deposits are frequents in the Upper Eastmain River region; and are mainly present as long (tens of kilometers) and sinuous eskers and their outwash. The simple eskers are considered to have been deposit in the channels of sub-glacial streams and are generally parallel to the last ice-flow direction. Very locally, some eolian deposits remobilized minor parts of the glacio-fluvial deposits. Large areas of poorly-drained terranes (till plains and basement depressions) are filled with shallow organic deposits (bogs).

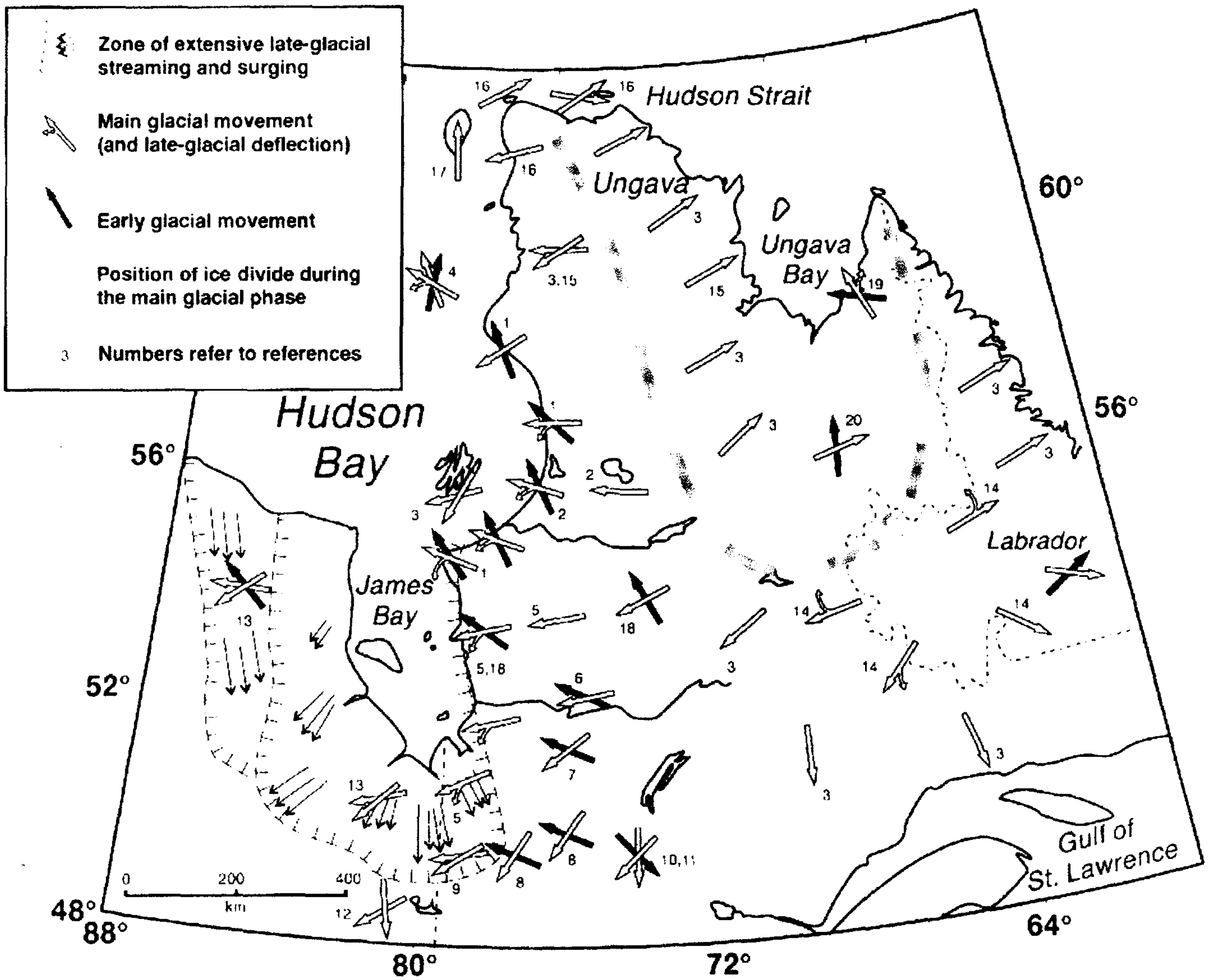
In 2003, Majescor carried out reverse circulation drilling on their Portage property near the Eastmain River. Their objective was to have a better knowledge of the overburden stratigraphy, and to compare their kimberlite indicator minerals (KIMs) contents. They observed 3 different till units, but without noticing any difference in their KIMs contents.

Quaternary History:
Glacial sediments in the 33 carats project area were mainly the product of the Upper Quaternary deglaciation periods. In the James Bay region (located west of the project), as the ices progressively retreat, the inlandsis (Laurentide Ice Sheet) front was in contact with important water masses. The reconstructed ice-flow patterns (fig.6) suggest that the outflow centers or ice-divides that affected the eastern Hudson Bay region were located in north-central Quebec throughout the Wisconsinan Glaciation (Parent and al., 1995). Critical evidence for this comes from the fact that even the penultimate regional glacial movement was directed toward the northwest and north-northwest throughout key regions east of Hudson Bay and James Bay. These ice-flow patterns provide an indirect record of migrating outflow centers (fig.10). An early outflow center lying just north of Lake Mistassini migrated subsequently toward the northeast near Lake Bienville, where it may have remained stable during much of the Late Wisconsinan maximum. This migration was apparently accompanied by a 90 degrees change of the overall orientation of the ice-divide. Further eastward, migration in Labrador may have occurred during deglaciation. That late-glacial southwestward deflection recorded (and the dominant one in the Upper Eastmain River region) provides further support to earlier interpretations (Hardy, 1976) that the last deglaciation was dynamically controlled by glacial streaming, surging, and calving into Glacial Lake Ojibway, which had extended into James Bay and Southern Hudson Bay prior to marine incursion.

HOTISH PREVIOUS WORKS

In the 1960's, the Quebec Natural Resources ministry carried out regional mapping (at the 1": 1mile scale). Hashimoto (1961) and Chown (1971, 1971b) mapped the vicinities of the Papaskwasati block (32P16). Numerous academic and regional studies were completed on the Otish Group (Genest, 1989).

Fig. 6. Sequences of ice-flow patterns in the eastern sector of the Laurentide Ice Sheet. See text for comments and discussion. Compiled from several sources: 1, this paper; 2, Parent and Paradis 1993; 3, Prest et al. 1968; 4, Andrews and Falconer 1969; 5, Hardy 1976, 1982; 6, Parent, unpublished; 7, Paradis and Boisvert 1995; 8, Veillette and Pomares 1991; 9, Veillette 1989; 10, Bouchard and Martineau 1985; 11, Prichonnet and Beaudry 1990; 12, Steele et al. 1989; 13, Thorleifson et al. 1992; 14, Klassen and Thompson 1989; 15, Bouchard and Marcotte 1986; 16, Daigneault 1994; 17, Aylsworth and Shilts 1991; 18, Veillette 1995; 19, Allard et al. 1989; 20, Kleman et al. 1994.



Numerous exploration work (c.f. annex 2) was completed over the Hotish property by Uranerz Exploration and SOQUEM. Those works included geological mapping, spectrometical, magnetometrical, I.P., and EM surveys, as well as lake sediment and stream geochemical surveys. Airborne radiometric and magnetic-electromagnetic surveys were also carried out. All these works were compiled, and no kimberlite indicator minerals were previously uncovered in the till (Huss, 2002).

RENARDS, BEAVER LAKE AND H-1 TO 4 KIMBERLITES AS WELL AS OTHER KNOWN KIMs DISPERSION TRAINS

33 Carats five (5) blocks are adjacent to either the Majescor (1920sq.km) or the SOQUEM-Ashton (more than 1000sq.km) extensive properties. So far, limited assessment work is reported to Quebec Natural Resources. Most information concerning their results from these projects are available on their respective web sites: www.majescor.com , www.ditem.ca and www.ashton.ca.

Majescor Portage project

In the fall 2000, Majescor Resources staked its firsts exploration permits (PEM) following the positive results of a regional heavy mineral sampling (about 90 esker samples; Kaiser, 2002). Later, it extended its property to the southwest by map-staking. About the same time, Majescor and BHP map-staked (CDC) the area located northeast of the Ashton-SOQUEM property. A subsequent joint-ventureship was contract by Majescor and BHP on June 21, 2001.

They collected more than 1000 heavy mineral samples on its Portage property and its vicinities. It appears that they outlined several indicator minerals dispersion trains. These minerals are characterized by abundant peridotitic pyropes with a strong G10 (harzburgitic pyropes) / G9 (lherzolitic pyropes) ratio (figure 7) similar to the ones observed in the Lac DeGras area, Nunavut. They also observed picrochromites with composition similar to South african diamonds, as well as Cr-rich diopsides and picroilmenites (their exact counts remain unknown).

In 2002, after completing a 18 holes drilling campaign, 14553km of airborne magnetic surveying at 120m line-spacing and collection of 202 glacial sediments, BHP decided to withdraw from the option agreement Majescor-BHP Portage project.

In 2003, Majescor carried out RC drilling (397 samples in 52 holes) in two main anomalous areas. The Portage anomaly is characterized by an increase in ilmenite and the presence of highly sub-calcic pyrope garnet (G10) with elevated chrome (up to 13.1 Wt% Cr203).

In 2004, Stornoway signed an agreement giving it an exclusive option to acquire a 51% interest in the Portage project. In August of the same year, Majescor announced that it has collected 1336 till samples on fences perpendicular to the glacial movement. The highest count reported to date is of 100 grains, a significant number of the minerals bearing fragile surface textures in the northwest portion of the Portage property. It later announced that on a short follow-up campaign, Majescor geologists found numerous kimberlitic floats (up to 50cm in size) in the original discovery hole. They found more floats over an area, some 75m across ice flow and up to 175m up-ice from the later. Over 200kg of kimberlitic material were collected. They later announced that they recovered 32 diamonds from a 136kg sample.

SOQUEM-Ashton Foxtrot project (33A/16)

In 1996, SOQUEM and Ashton made an agreement concerning diamond exploration for all the northern portion of Quebec. In the fall 2000, the consortium map-staked (PEM and CDC) a large area, east-northeast of the initial Majescor Portage property.

Over a thousand (1000) till samples were collected and numerous indicator minerals dispersion trains were outlined (some with indicator minerals count over 1000 grains). These minerals are mainly peridotitic pyropes associated with Cr-rich diopsides and pilcroilmenites. An extensive high-density airborne magnetic survey was completed on the property (GM 59004), and a four(4)-holes diamond drilling discovered two kimberlitic chimneys. A press release by Ashton (17 dec 2001) confirms the presence of macrodiamonds within the intrusions. At the Renard-1 occurrence, a hypabyssal facies yields 5 macrodiamonds from 205,8 kg and the Renard-2, hypabyssal and diatreme facies yielded 29 macrodiamonds from 163,1 kg (0.67carat/ton). Concentrate from this drill core was composed of a significant percentage of high-Cr, low-Ca pyropes (G10) and diamond-inclusion chromites. Further drilling within a two (2) km-radius outlined TEN (10) diamond-bearing kimberlitic bodies more or less located along a north-south axis:

Renard-2 (8.72carats/13.5ton or 0.64carats/ton); Renard-3 (10micros and 9macros /100kg as well as 2500 diamond fragments; 14.35carats /10.0tons or 1.43carats/ton); Renard-4 (21micros and 14macros/100kg; 47.86carats /112.2tons or 0.42carats/ton); Renard 65 (40.8carats/158.8tons or 0.26carats/ton) Renard-7 (33diamonds/101kg); Renard-8 (9diamonds/111,8kg); Renard-9(5tons unprocessed)& Renard-10 (diamond-bearing, 187.8kg sample).

In 2004, Ashton-Soquem conducted an extensive exploration program including bulk sampling to recover more than 300 carats of diamonds from at least 600 tonnes of kimberlitic material from the Renard 2, 3, 4 and 65. A total of 24 diamonds greater than 0.5carats in weight including four greater than 1.0carats in weight have been recovered to date from the Renard cluster. These results demonstrate **the presence of a coarse stone population and favourable size distribution for the Renard bodies.**

Late in 2003, they intersected a serie of NNW-oriented centimetric-metric kimberlitic dykes (**Lynx Anomaly**), about 3km due east of Renard 65. The zone is about **0.5-4.4 meters wide** and dips to the east. Three 0.4mm diamonds were found in the till nearby the Lynx occurrence. Kimberlitic boulders up to two meters were discovered nearby, and a 3.87 tonne sample yielded 4.63 carts of diamonds for an estimated diamond content of 120 cpht. The diamonds recovered included a 0.96 carat colourless composite crystal. In 2004, prospecting crews identified abundant kimberlitic boulders on surface at three new sites. It suggests the potential existence of a kimberlitic system with a **strike length of 4.5 km (figure 8, 9)**. It was later successfully test-drilled (fifteen sites) over a 3.7km strike. 4.9 tonne DMS and 5.6 tonne DMS samples were taken on Lynx south and north, and are still being processed.

ASHTON-SOQUEM Tichegami properties (33A/01-02; 32P/15)

In their assessment works (GM 59230), the tandem reported that about half the 8 reconnaissance samples reported contain KIMs including an eclogitic garnet and an high-Mg olivine (33A/01-02). Further south (32P/15), they recovered very high counts of KIMs in several samples: NQ00-O107: 2406 picroilmenites, 22 chromites, 5 Mg-olivines, 25 pyropes as well as NQ00126, 128, 196 and 006: 9122 picroilmenites, 12 chromites, 42 Mg-olivines, 18 pyropes and 1 Cr-diopsides (GM 59853). Recent works yielded high counts in stream sediments samples: PQ03-0073: 4755 picroilmenites, 135 peridotitic pyropes, 70 chromites, 12 olivines, 3 cr-diopsides; PQ03-0070: 565 picoilmenites, 15 peridotitic pyropes, 3 eclogitic garnets, 1 chromite, 12 olivines; PQ03-0071: 369 picroilmenites, 6 peridotitic pyropes, 10 eclogitic garnets, 2 chromites, 8 olivines; PQ03-0234; 31 picroilmenites, 10 peridotitic pyropes, 4 eclogititic garnets, 7chromites, 11 olivines; PQ03-0235: 1chromite, 44 picroilmenites, 1olivine in the northeast portion of the 32P/15 sheet (GM 60682). In 2004, Ashton announced that it has intersected a 2.4 meters kimberlitic sill in drilling on the Tichegami property.

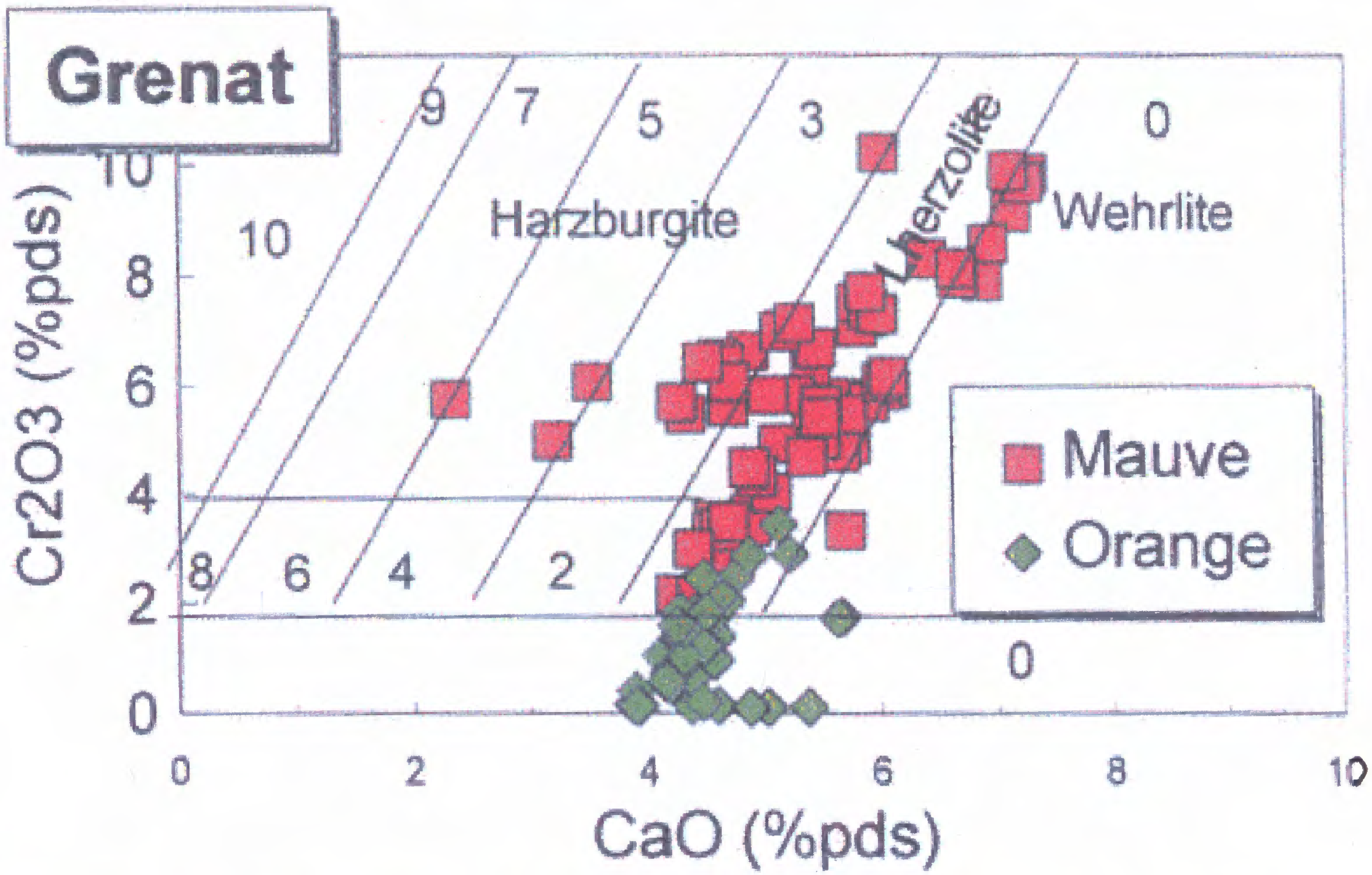


Figure 7: Diagramme de pondération des facteurs J selon Lee (1993) pour les grenats pyropes. On note le facteur pondéré de 1.32 pour l'ensemble des grenats péridotitiques. Le champ des grenats harzburgitiques correspond aux G-10, celui des grenats lherzolitiques

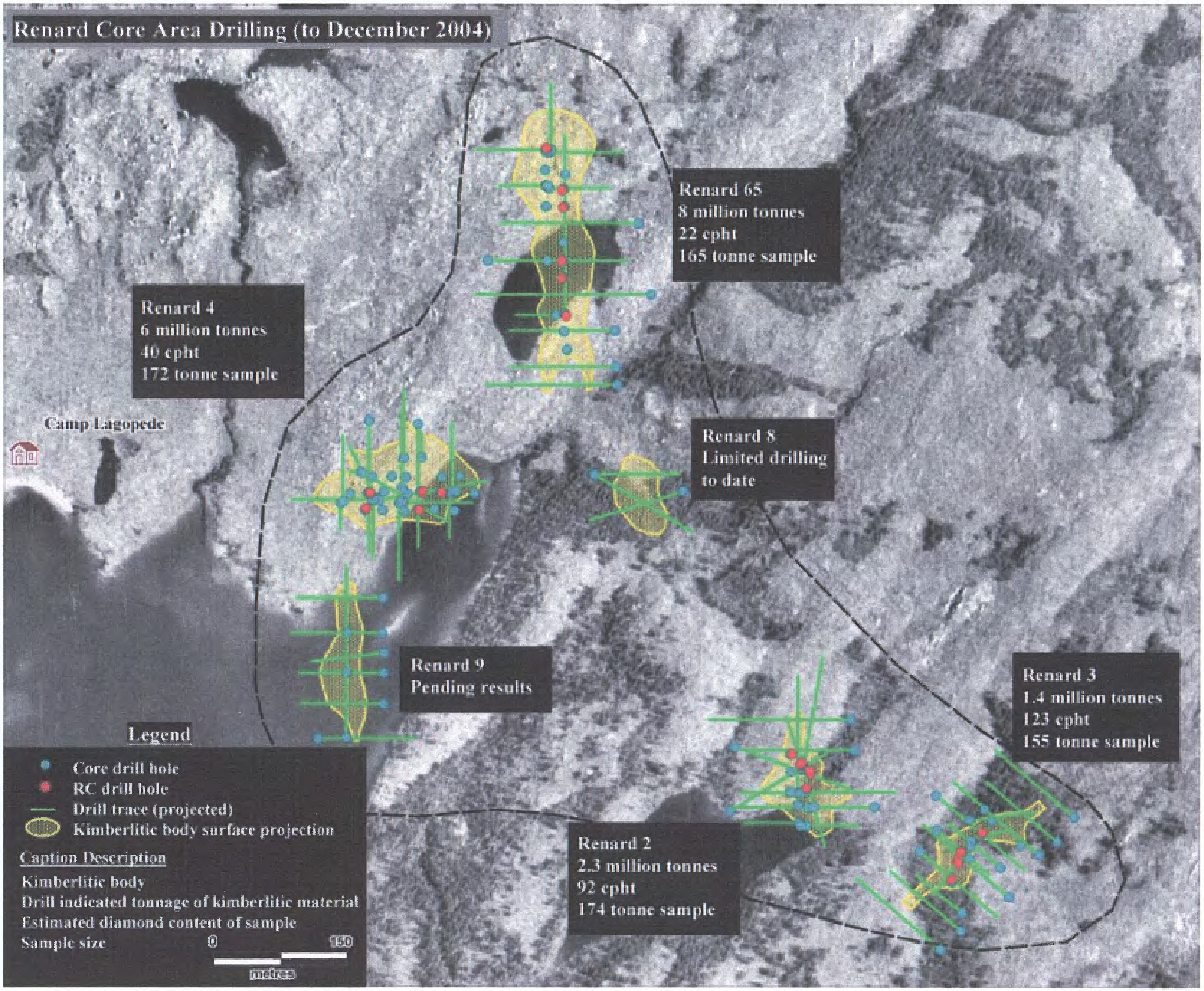

Renard Core Area Drilling (to December 2004)
Renard 65
8 million tonnes
22 cpht
165 tonne sample
Renard 4
6 million tonnes
40 cpht
172 tonne sample
Camp Lagopede
Renard 8
Limited drilling
to date
Renard 9
Pending results
Renard 3
1.4 million tonnes
123 cpht
155 tonne sample
Renard 2
2.3 million tonnes
92 cpht
174 tonne sample
Legend
Core drill hole
RC drill hole
Drill trace (projected)
Kimberlitic body surface projection
Caption Description
Kimberlitic body
Drill indicated tonnage of kimberlitic material
Estimated diamond content of sample
Sample size
0
150
metres

FIGURE 8

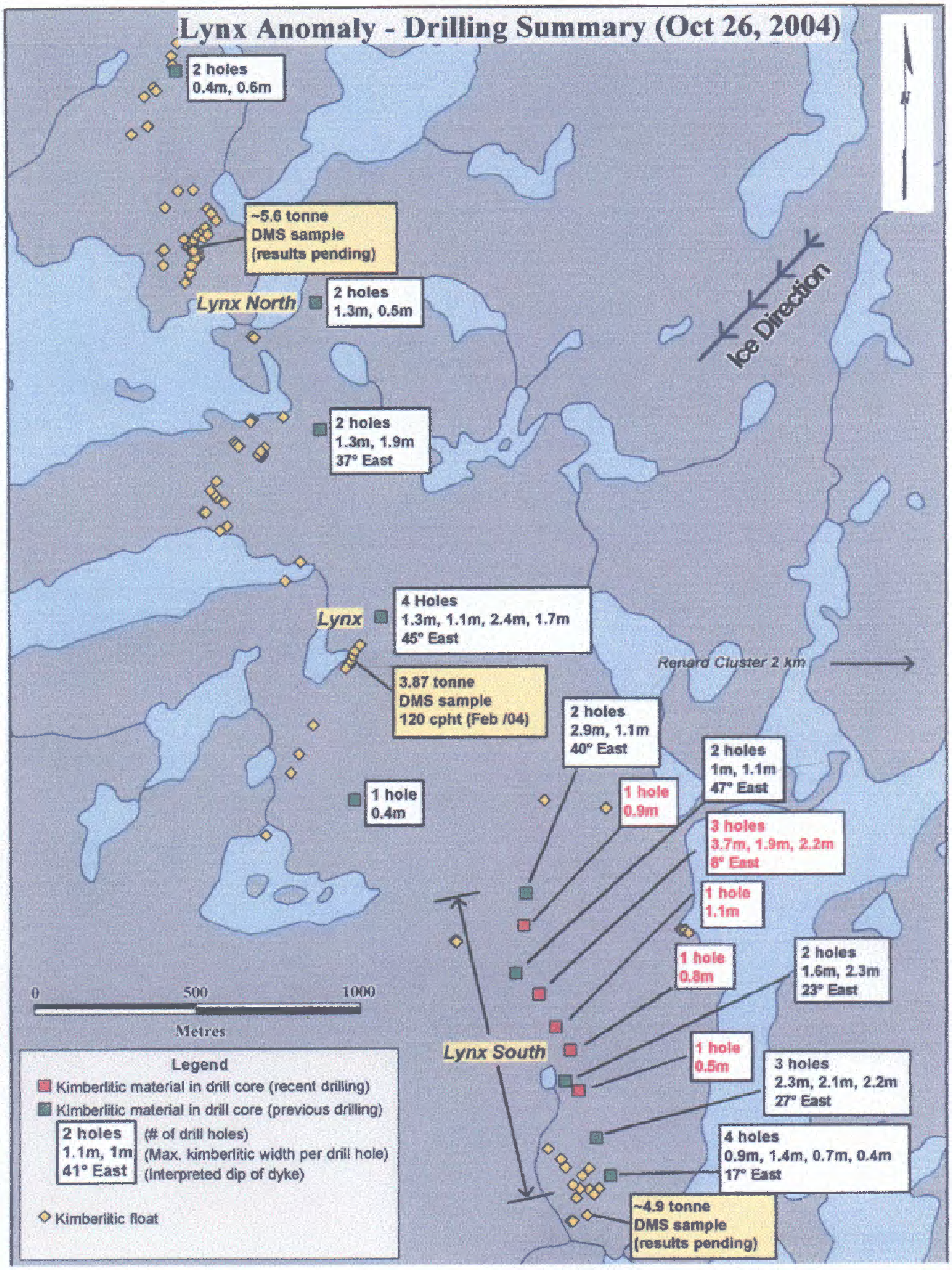

Lynx Anomaly - Drilling Summary (Oct 26, 2004)
2 holes
0.4m, 0.6m
~5.6 tonne
DMS sample
(results pending)
Lynx North
2 holes
1.3m, 0.5m
Ice Direction
2 holes
1.3m, 1.9m
37° East
Lynx
4 Holes
1.3m, 1.1m, 2.4m, 1.7m
45° East
Renard Cluster 2 km
3.87 tonne
DMS sample
120 cpht (Feb /04)
2 holes
2.9m, 1.1m
40° East
2 holes
1m, 1.1m
47° East
1 hole
0.4m
1 hole
0.9m
3 holes
3.7m, 1.9m, 2.2m
8° East
1 hole
1.1m
1 hole
0.8m
2 holes
1.6m, 2.3m
23° East
0
500
1000
Metres
Lynx South
1 hole
0.5m
3 holes
2.3m, 2.1m, 2.2m
27° East
Legend
Kimberlitic material in drill core (recent drilling)
Kimberlitic material in drill core (previous drilling)
2 holes (# of drill holes)
1.1m, 1m (Max. kimberlitic width per drill hole)
41° East (Interpreted dip of dyke)
Kimberlitic float
4 holes
0.9m, 1.4m, 0.7m, 0.4m
17° East
~4.9 tonne
DMS sample
(results pending)

FIGURE 9

MELKIOR Otish Mountains claims (33A/01-02)

Melkior reported interesting counts of KIMs on their nearby properties including sample#884 on J anomaly: 40 Mg-ilmenites (MgO=11%)+4 high-Cr (10%) pyropes, another sample on a separate target yielded 4 eclogitic garnets; and 14 eclogitic garnets,1 high-Mg (>90%) olivine , 1 high-Mg OPX were also found down-ice of other targets (Apr.24 2002, Melkior press release, GM 59916). It also completed high-resolution aeromagnetic survey on their property (GM 59917).

GOLD SUMMIT MINES (33A/02, A/07-08) projects

In 2002, Gold Summit Mines recovered 3 till samples with harzburgitic pyropes (G10) on their properties located southwest of 33carats southern block.. Other KIMs included 6 high-Mg (FO>90%) olivine, 1picroilmenite(13%MgO), 4 CPX (3X<0.5%Na2O, 1X>1%Na2O), and 2 OPX (GM 60333).

STORNOWAY Premier property (33A/03)

In 2002-2003, Stornoway carried out till sampling that outlined several kimberlite indicator minerals (KIMs) in the northeast portion of its Premier property (GM 60651). These KIMs included G10 pyrope (10%CR203, 3.3%CaO), G9 pyrope, diamond-inclusion chromites, picroilmenites and olivines (GM60651).

DITEM Beaver Lake (32P/15-16) – Tichegami (33/A01) projects

The Beaver Lake kimberlitic intrusion was discovered by Uranerz in 1978, drilling for uranium in the western portion of the Otish Mtns (Gerhisch and al., 1979). Although the kimberlite was identified, no diamond exploration was carried out at this time.

Due to the discoveries of diamond-bearing kimberlites in the Northwest Territories in 1991, and to the growing interest to the diamond exploration in Canada, the area was staked in 1993-1994 by Inco Ltd. and allowed to lapse. Following a deal with Uranerz, Ditem drilled the intrusive in 1998 (Bernier and Moorhead, 2000). Ditem centered its works on the evaluation of the Beaver Lake kimberlitic pipe (Brack, 1998). Two drilling campaigns confirm its nature and its extensions (GM-56612) and a 7-tons bulk sample was extracted (GM-56615). The kimberlite was described as a weakly diamond-bearing (4 small macrodiamonds were recovered) deep diatreme facies.

A detailed petrographic study on core samples given by Ditem, was completed by R.Girard (2001) for the Quebec Natural Resources ministry. The latter confirms the kimberlitic nature of the intrusive, suggesting a diatreme root facies. The mineralogy is complex, showing re-equilibrations during matrix phases. The author concluded that the intrusive minerals, (specially the oxides) shows a chemistry corresponding to a kimberlitic magma crystallization, and a favorable potential for the discovery of diamond.

Garnets extracted from Ditem samples were analyzed by microprobe and their **G10/G9 ratio is about 25%** with a J factor of 1,32 (figure 10). Such ratio for harzburgitic pyropes is uncommon and may suggest a strong diamond potential of its source. They also have similar signature as the ones reported by Majescor (G10/G9=28%; J factor=1,36) on their Portage property, 60 km further north of Beaver Lake. This signature is also comparable with the ones from the Lac de Gras area, and confirms the fertility of the underlying lithosphere. Sub-chromitic pyropes are abundant, and their titanium and soda contents suggest an eclogitic source in the mantle. Very few chromites were observed, but they have similar chemistry to those observed in inclusion in South African diamond. Pilcroilmenites are abundant and their mantle signature suggests a weak oxygen fugacity.

The Beaver Lake kimberlite only yields four (4) small macrodiamonds by caustic fusion. No microdiamond was found. Following these results, a 700 tons test mill sample was completed and no diamond was extracted. Furthermore, R.Girard concluded that present oxidized conditions within the diatreme during its setting brought diamond combustion. Oxidation is suggested by oxides reactions that produce abundant titano-magnetite, and may be linked to crust processes during its setting (oxidized phreatic table, oxidized mineralogy of wallrocks, etc). Therefore, prevailing oxydo-reduction conditions may vary for each one of the kimberlites, and diamond-combustion within one intrusive is not indicatory of the others preservation potential.

The Beaver Lake intrusion is associated with uranium mineralizations linked to the Otish Gr. discordance. The described facies are interpreted as kimberlitic diatreme roots younger than the Otish Gr. sedimentary sequence.

North of the Beaver lake occurence, Pure Gold/Ditem tandem (test-drilling a small circular magnetic anomaly) outlined the H-1 kimberlite (fine-grained and black-bluish color) on their Tichegami River property, located in 33A/01 NTS sheet (Apr.22 2002, Ditem press release). A second kimberlitic body (H-2) also corresponding to a small magnetic anomaly was later uncovered approximately 350 meters southeast of the H-1 kimberlite. Both the matrix (coarse grained and pale-green color) and fragments of the H-2 kimberlitic breccia are visually very distinct from the H-1 intrusion. Purple pyrope, chrome diopside and ilmenite were observed in the H-2 core (Aug.7 2002, Ditem press release). One microdiamond was recovered from a 23.15kg sample from one of the 3 phases of the complex H-2 kimberlite (Sept.26 2002, Ditem press release). In the 2003 spring, Ditem discovered two more kimberlitic bodies (H-3&4) in the vicinities of the H-lake area. In 2004, Ditem completed a drilling program but no result is available.

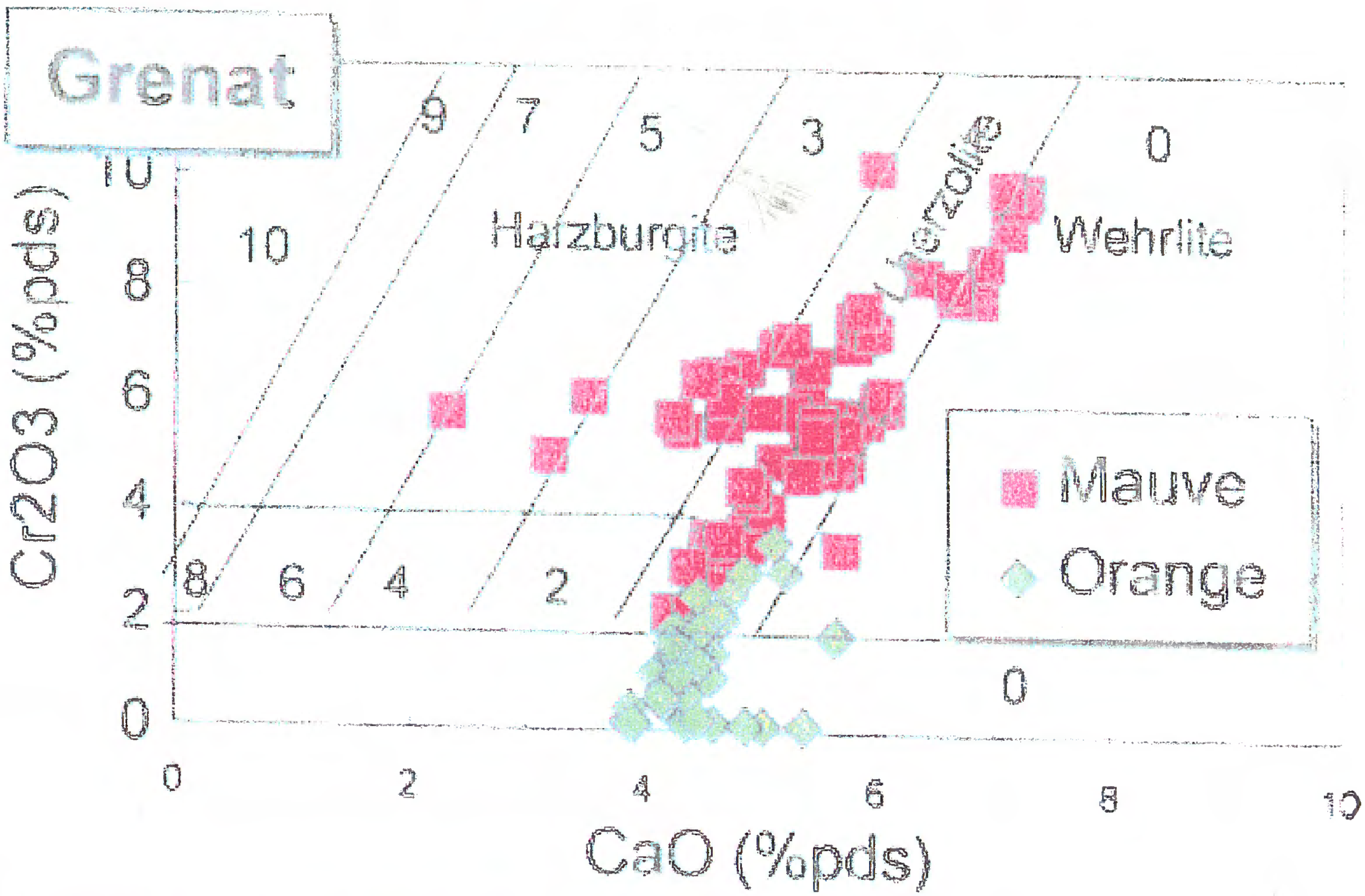


Figure 10 : Diagramme de pondération des facteurs J selon Lee (1993) pour les grenats pyropes. On note le facteur pondéré de 1.32 pour l'ensemble des grenats péridotitiques. Le champ des grenats harzburgitiques correspond aux G-10, celui des grenats lherzolitiques

Majescor/Canabrava Mistassini project:

2001 till sampling by Majescor Resources-Canabrava Diamond Corp. recovered over **500 kimberlite indicator minerals (KIM)** on their Mistassini project. The suite is dominated by ilmenite, with pyrope garnet and chromite being well represented. Rare recoveries of mantle-derived olivine are also reported. Of particular significance is the presence of a good quality **G10 garnets, as well as diamond inclusion chromites (up to 64.2% CR2O3**). The recovery of **perovskite-mantled ilmenite** also suggests a proximal kimberlite source. The Mistassini indicator mineral chemistry and assemblage confirms derivation from a distinct and local kimberlite cluster than the one associated with the diamond-bearing Beaver Lake kimberlite (Feb.11, 2002 Majescor press release). The partners completed a 9224 line-kilometers airborne geophysical survey (at a 150m line-spacing) in the 2002 Spring.

2002 follow-up works (294 glacial sediment samples) investigating a large number of geophysical targets outlined **two sites with counts of 507 and 563 KIMs**. A high percentage (up to 90%) of the grains in these samples also bear fragile surface reaction rims indicating proximity to source. A number of other geophysical anomalies also stand out, being closely associated with indicator mineral counts in till as high as 174 and abundant fragile surface textures (Oct.02, 2002, Majescor press release). In the fall 2002, a drilling program tested unsuccessfully 10 geophysical targets.

In the fall 2003, Majescor collected 71 heavy mineral samples that confirm the previous results. Garnet are predominantly peridotitic (G9,G10) and megacrystic, with very few eclogitic geneses present. A number of chromites with diamond inclusion chemistries (CR203, up to 66.8%) have been reported, while a majority of the CPX show elevated CR203 and Na2O contents. Theses chemistries suggest that source kimberlites have sampled the favourable mantle. **One river sediment sample yielded 1827KIMs,** In the fall 2003, Majescor collected 71 heavy mineral samples that confirm the previous results. **One river sediment sample yielded 1827KIMs, including 160 garnets, 3 Cr-diopsides and 25 chromites.** A significant portion of the garnets and ilmenites bear fragile surface textures suggestive of a proximal source.

Plexmar Papaskwasati project:

In 2002, Plexmar completed a till program (121samples processed) on its Papaskwasati property. It recovered **42 pyrope garnets (G9 according Gurney's classification), eclogitic garnets, perovskite-mantled picroilmenites, as well as 11 high-Cr203 (up to 63.62%) chromites** (Oct.23, 2002, Plexmar press release).

DIAMOND POTENTIAL OF THE 33 CARATS-HOTISH REGION

Portage (Majescor) glacial sediments and Beaver lake kimberlite (Ditem) mantle-xenocrysts indicate a fertile underlying lithosphere. Pyrope garnet (G10/G9) ratio about 25% indicates a strong diamond potential for the area. Chemistry of various indicator minerals is similar to the ones observed at the Lac DeGras area or in South Africa. Ashton-SOQUEM recent discovery of ten diamond-bearing kimberlitic chimneys on their Foxtrot property confirms the validity of the indicator minerals chemistry.

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Therefore, Dios Hotish project is well located within a probable associated swarm. It is known that kimberlitic intrusives occur in swarms, which extends vary from 10 to 40 km radius.

Exploration of this property in this under-worked but favorable region is fully warranted. Its designation as a favorable zone is based on the following characteristics:

1. **Presence of ten diamond-bearing kimberlites on Ashton-Soquem Foxtrot property**;
2. Chemistry of the indicator minerals associated with this kimberlite shows the lithosphere fertility;
3. Presence of five kimberlitic bodies on Ditem properties;
4. **Presence of three kimberlitic dykes on Dios Hotish property;**
5. **Located within the NNE oriented Mistassini-Lemoyne Corridor** along which recent discoveries of diamond-bearing kimberlitic diatremes as well as several nepheline syenites (Fontanges and Temiscamie) and carbonatites (Castignon and Lemoyne);
6. The Archean Superior craton is dated about 2,7-2,8 billions years, to abide by the Clifford`s rule;
7. Close to a zone where seismic surveys suggest the presence of a lithosphere keel (Moorhead, 1999). A 200 km-thick lithosphere is required to secure the thermodynamic conditions of formation and preservation of diamonds. Fertility of this lithosphere keel is confirmed by the chemistry of Wemindji, Portage and Otish indicator minerals;

8. Mistassini dyke swarm (oriented at N330) and Preissac(oriented at N060) intersect themselves in the area.This situation is similar to the one observed in the favorable Wawa-Hearts-Kapuskasing area, Ontario;
8. Glacial geology is simple and the dispersion trains geometry is known to narrow and very short.

The interest in this sector located in a strong diamond-potential and poorly explored region is mainly based on its strategic location with respect to the general repartition of the known kimberlitic dyke swarms and its geotectonic environment (figure 10). The following facts concerning the area are to be considered:

1. Close to (20km south) a crust weakness along which two kimberlitic swarms (Portage and Otish) are spaced with an 400km-interval.This discontinuity is deeply rooted in the lithosphere;
2. **Located <u>at to the junction</u> of the Mistassini-Lemoyne and Temiscamie-Corvette corridors;**
3. The property is located 400km northeast of Le Tac swarm, 400km south-east of the Wemindji dispersion trains (and Majescor kimberlitic sill), and 100km south of Bienville Lake dispersion trains. This corresponded to the regular spacing between kimberlitic swarms;
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9. **Located within the NNE oriented Mistassini-Lemoyne Corridor** along which recent discoveries of diamond-bearing kimberlitic diatremes as well as several nepheline syenites (Fontanges and Temiscamie) and carbonatites (Castignon and Lemoyne);
10. The Archean Superior craton is dated about 2,7-2,8 billions years, to abide by the Clifford`s rule;
11. Close to a zone where seismic surveys suggest the presence of a lithosphere keel (Moorhead, 1999). A 200 km-thick lithosphere is required to secure the thermodynamic conditions of formation and preservation of diamonds. Fertility of this lithosphere keel is confirmed by the chemistry of Wemindji, Portage and Otish indicator minerals;
12. Mistassini dyke swarm (oriented at N330) and Preissac(oriented at N060) intersect themselves in the area.This situation is similar to the one observed in the favorable Wawa-Hearts-Kapuskasing area, Ontario;

HOTISH 2002-2004 WORKS PROGRAMS

To evaluate its Hotish block, DIOS Exploration completed a helicopter-supported till sampling campaign, during June, 2002. A team composed of geologists Harold Desbiens, Alexandre Boudreault, Patrice Gagnon, Robert Gagnon collected 266 till samples (130 on the Papaskwasati block, 101 on the Extrémité block, 27 on the Hyppo block and 8 on the A-1&2 blocks.). Where possible, a regular sampling mesh (usually rectangular and quincunx) was apply and it varies from 0,25 to 1,0 sample per square kilometer. Base camp was located on Berry Island in the northeast portion of Mistassini Lake.The sampling sites were reached with a Notor-helicopter (Helimax). Transport to the base camp was done by a Otter-plane (Air Saguenay) from Temiscamie, about 175 north of Chibougameau. When possible the non-oxidized C-horizon (grey-beige color) was sampled between 0,6 and 1,5meters. Samples were collected as part of a reconnaissance program to evaluate the up-ice regional geology. Site locations were chosen based on the availability of glacial material located down-ice of circular magnetic anomalies and to complete the most regular mesh possible. All samples were later processed at the IOS Services Géoscientifiques laboratory in Jonquière, Québec. **In September (9) 2002, Dios announced that they recover up to 128 kimberlite indicator minerals (KIMs) per sample, numerous Cr & Mg-picroilmenites with perovskite rims, and observed G10/G9 pyropes ratios of 10%(Gurney) and 37%(Dawson & Stephen).**
In December (2) 2002, Dios announced new samples with high counts (from hundred to thousands) of KIMs including favorable picroilmenites/ perovskites, diamond-inclusion chromites, G9 and G10 pyropes as well as kimberlitic fragments.

Back in October 2002, an helicopter-supported team composed of geologists Harold Desbiens, Alexandre Boudreault, Patrice Gagnon and Patrice Villeneuve Gagnon collected 39 heavy mineral samples on the Hotish project. Base camp was located at the Temiscami camp. An Abitibi Astar B-2 helicopter was used to reach the sampling sites. Samples were collected as a follow-up till sampling survey on the previously detected anomalous areas.

Early in 2003, a 4391 line-km airborne magnetic survey with a 125m-spacing (Terraquest Ltd) was done over the HOTISH blocks where kimberlite indicator minerals were identified. This was shortly followed by 18 local ground magnetic surveys (G.L. Geoservices).

In March 2003, a brief detailed till sampling campaign, targeting down-ice area of selected magnetic anomalies or KIMs anomalies was completed. One of these samples yielded 52 pyropes, with a significant amount with high chromium content.

From July to September 2003, a helicopter-support drilling program completed 37 holes totaling 1014.42 meters. **Kimberlitic material was intersected in thirteen of these holes, delineating** three distinct kimberlites. They all consist of **metric hypabyssal macrocrystic kimberlite sills**. Typical drill holes show flow differentiation, i.e. medium-grained phases are sandwiching a fine-grained central phase. The medium-grained phase appears richer (2-10% vs 1-2%) in interstitial and segregation (bubbly) carbonate, rounded xenocrystic olivine (5-20% vs tr-10%), and serpentinized mantle-xenoliths (Tr-3% vs tr-1%) than the finer-grained phase. Each one of the hypabyssal kimberlite sills is described more in detail in the following:

The **Hotish-1 kimberlite** was only intersected in drilling (11 short holes) over a minimum 175 meters strike length where it was defined as a metric (1-2m thick) hypabyssal sill oriented N 100 and dipping 20–30 degrees to the northeast. Its wallrock is hematitized granite-syenite. The kimberlite is a dark grey to lightly greenish magnetic ultramafic rock that is composed of 1-5% mm carbonate, 3-5% (locally up to 10%) rounded mm ilmenite (-magnetite) xenocrysts, tr-20% rounded mm-cm yellow-green olivine xenocrysts, 1-8% mm phlogopite macrocrysts and rare (tr-3%) mm-cm serpentinized mantle ultramafic xenoliths. Rare pyropes were only observed in the xenoliths. Thin sections confirm pervasive serpentinization of the olivine-rich matrix. It also shows the best evidences of flow differentiation. In holes 25 and 30, a 0.27cm splay is present 50cm away from the main sill. Chemistry on Hotish -1 ilmenites shows two kimberlitic populations in the reduced field, including a high-chromium ($Cr2O3>2\%$) one that distinguishes it from the others (Cr2O3 vs MgO plot). It was also observed in its associated ilmenite-rich dispersion train. All the pyropes of the studied hole (25) contain less than 2% Cr2O3. Caustic fusion by SGS Lakefield on 40.5 kg of core did not yield any diamond.

The **Hotish-2 kimberlite** shows a lot of mineralogical similarities with the previous one, but it was discovered in outcrop by tracing back up-ice a boulders train along the Papawskasati River, about 1km SE of the Hotish-1 kimberlite. It was also intersected in hole 36, 100 meters away from the outcrop. It shows the same N100 and low dipping (-30) as the previous kimberlite. The Hotish-2 kimberlite consists of a metric (0.9-1.1m thick) hypabyssal macrocrystic sill injected in granitic rocks. Visually, one of the differences is the presence (1-3%) of phlogopite macrocrysts reaching over 1.0 cm associated with abundant (5-30%) mm serpentinized olivine macrocrysts. Crustal (granite) and mantled xenoliths (tr-1%) were observed. Several peridotitic pyropes were observed in boulders and in the fusion material. Their chromium content was below 8% Cr2 O3 and the diamond preservation line. Some eclogitic garnets are also present (Ti02 vs Na2O plot). The abundant ilmenites show one low to moderate-chromium ($Cr2O3<2\%$) kimberlitic population in the reduced field (Cr2O3 vs MgO plot). Caustic fusion by SGS Lakefield on a 148 kg sample did not yield any diamond.

The **Hotish-3 kimberlite** is only known as a thin (0.44m wide) hypabyssal macrocrystic kimberlitic drill intersection in hole 37, located about 3km north of the Hotish-1 kimberlite. Its orientation is unknown (but suspected N-S) and core angle suggest a moderate- high angle dip. The general petrology of Hotish-3 is relatively similar to the two other kimberlites. However, fusion of the core yielded a population of cr-diopsides that are characteristic of garnet peridotites (jadeite-kosmochlor line on the Na vs Al + Cr plot). Using the Mn-thermobarometer on the CPX, it was possible to calculate the temperatures and pressures of the garnet lherzolite xenoliths. It confirms a cold geotherm for the area i.e. that the underlying mantle material sampled by the kimberlite shows favorable temperature-pressure conditions to the diamond preservation. Some harzburzitic chromites close to the diamond fields are also present (Cr2O3 vs MgO plot). Abundant kimberlitic low to moderate-chromium ilmenites are in the reduced field (Cr2O3 vs MgO plot). No field follow-up was carried in the vicinity of this kimberlitic occurrence for possible outcrop.

Further ground geophysical surveys (Geosig), prospecting, and till sampling (280 samples) were done simultaneously to the drilling. The latest till campaign yield a number of quality KIMs that defined six new target areas. These include a good part (up to 25% in some sample) of **high chromium (8,0-11.56% wt Cr203) pyropes some being associated with diamond-intergrowth chromite (DGC) and/or Cr-picroilmenites**. Strong variation in the indicator component ratios clearly suggests sources with distinctive chemistry. High-chromium pyrope content generally suggests good diamond potential. Cr-diopside data interpretation also indicates a good population showing chemistry within the diamond window field.

HOTISH 2004 PROSPECTING-MAPPING PROGRAMS

In August 2004, geologists Harold Desbiens, Robert Gagnon, Pietro Costa and prospector Daniel Verreault carried out a first prospecting-mapping program (2-9th august) targeting areas located down of quality kimberlite indicator minerals, extensive boulders field, as well as selected creek and river shores. A Helimax Notor Hughes 520d was used to access the sites. Base camp was set up at Dios' Bohier Island camp along the Eastmain River.

During the prospecting-mapping campaign, numereous outcrops were mapped, all of them were of granite-tonalite, pegmatite, or diorite compositions. A minor peridotite and pyroxenite component was also observed in the boulders fields. Good glacial striaes were measured at two locations, and showed similar orientation N214-220. More details are available in annex 3.

A quick recheck of the Hotish-2 kimberlitic boulders dispersion train was done. It showed the presence of rounded cm kimberlitic pebbles from 0.4 to 1.4km down-ice (and down current of the Pepehsquasati River) of the Hotish-2 kimberlitic sill. Protected beaches associated with turns in the river usually host a good amount of these cm pebbles.

The vicinities of the Hotish-3 occurrence (ddh intersect) along a small lake were also investigated for kimberlitic pebbles-boulders or outcrops, but none were found.

In 2003, previous prospecting around the Hotish-1 kimberlite yielded a single elongate cm kimberlitic pebble along a small creek in a valley about 200 meters down-ice of the kimberlite occurrence.

Near the end of the first 2004 campaign, **a new kimberlite float occurrence (18U 669104E; 5754860N)** was found along a branch of the Memesquasati River flowing toward the north (some tens kilometers up-ice from previously identified kimberlitic sills). The kimberlitic float (30cm x 15cm x 10cm) is sub-rounded, with fragile negative alteration texture showing the fragile nature of the material. The presence of 5-10% of millimetric rounded ilmenite xenocrysts and 10-15% of mm-cm exotic xenoliths (appearing in positive relief) in a dark aphanitic ultramafic matrix may be observed. It is strongly magnetic and has a medium brown color on the altered surface.

In September 2004, the same team carried out a follow-up campaign in the vicinities of the kimberlite float discovery. No additional kimberlite boulder or pebble was found.

IOS geologists (Patrice Villeneuve) also prospected and collected 40 till samples over the newly acquired ground, as well as some in the areas with the previous best quality KIMs. The samples were transported to IOS Geoscientifique laboratory in Saguenay, Quebec, and later processed. The results are available in annex 4.

CONCLUSIONS AND RECOMMENDATIONS

Therefore, it is proposed that the 2005 Hotish exploration program should focus on the investigation (by drilling and prospecting) of these promising KIMs anomalies (with better chemistry than the ones already successfully tested). The works completed in the past two years on the Hotish project (extensive geochemical and geophysical data) permitted to develop a distinctive exploration model. It is based on these important observations:

-the Mistassini Lake-Beaver Lake segment of the Mistassini –Lemoyne corridor appears to be part of a important **kimberlitic sills-dykes complex** that are characterized by various orientations and dips (figures 5, 8,9);

-so far, the dominant orientations are WNW-ESE and N-S (tensional fractures associated to the NE-SW Mistassini-Lemoyne Corridor);

-such metric sills-dykes systems usually don't have good (or any) geophysical response, in certain case they follow magnetic breaks and/or the main foliation;

-the sills-dykes geometry crosscuts the main (last) glacial movement and therefore creates a large kimberlite indicator minerals (KIMs) **smear-pattern,** instead of the more common elongate dispersion trains;

-these **smears are relatively thin and continuous forming kilometric lineaments parallel to the sills (it results in very low to no KIMs count in the up-ice samples);**

-boulders-pebbles tracking and 2003 drilling confirmed **very short glacial transport** for the high count of indicator minerals (less than one kilometer);

-the mineralogy and chemistry of each sills-dykes show variations, and results in distinctives KIMs populations in the till (ex: ilmenite-rich pyrope-poor; pyrope-rich; chromite and ilmenite-rich pyrope-poor, chromite and pyrope-poor, etc.)

-the available KIMs data in the assessment reports strongly suggested that the sills extend themselves on Ashton-SOQUEM Tichegami (confirmed by recent drilling) and Majescor Mistassini properties;

-along these (magnetic and/or KIMs) breaks, conventional (circular)geophysical anomalies should not be neglected as the sills and dykes are often linked to a blow or a conventional kimberlitic pipe (it was the case of the nearby Beaver Lake kimberlite, where a connecting dyke was intersected in a hole previously to the pipe discovery);

-prospecting for kimberlitic boulders and outcrops should systematically be done in the vicinity of high KIMs counts and along rivers;

So, the 2005 proposed program is mainly supported by the till's KIMs data, targeting the lineaments associated with the most favorable chemistry for diamond (i.e. G10, High Cr-G9, DGC: Diamond interGrowth Chromite, DIC: Diamond Inclusion Chromite, Na-diopside, etc.).

HOTISH-BUDGET PROPOSITION

Phase 1: one sample per 4 sq.km till sampling campaign...done

Phase 2: Airborne geophysics....................................done

Phase 3: Ground geophysic, prospecting, first exploration drilling campaign and one sample per 1km till sampling..................done

Phase 4: one sample per 1-2 sq.km till sampling campaign on new ground.. (done)

Phase 5: Prospecting, second drilling campaign

Drilling (20x100m/ $80)..	$ 160 000
Mobilization of drilling platform..................................	$ 20 000
Helicopter($1200/h)..	$ 120 000
Geology and assaying..	$ 30 000
Report..	$10 000
Caustic fusion test (6 tests /$5000)............................	$ 30 000
Miscellaneous	$ 15 000
Administration (7%)..	$ 20 000
Phase4 subtotal...	**$395 000**

Phase 6: exploration drilling campaign	
Drilling (12x100m/ $80)	$ 96 000
Mobilization of drilling platform	$ 20 000
Helicopter	$ 70 000
Geology and assaying	$ 20 000
Caustic fusion test (4 tests /$5000)	$ 20 000
Miscellaneous	$ 10 000
Administration (7%)	$ 15 000
Phase 5 subtotal	**$ 251 000**

HOTISH Project (phase 5 + 6)	**$ 646 000**

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REFERENCES

Ashton mining of Canada: www.ashton.ca

Ashton (2004) « Exploration pour le diamant par minéraux indicateurs, région des rivières Tichégami et Eastmain, été 2003, projet 11883 », QNRM, GM 60682, 134p.

Bernier, L., Moorhead, J. (2001) "Etude pétrographique et minéralogique de la kimberlite des monts Otish", QRNM, MB-2000-14, 55p.

Brack, W. (1998) "Report on the Otish Mountains diamond prospect, North central Quebec", Ditem Exploration, QNRM, GM 56612.

Brack, W. (1999) "Report on the diamond drilling activities in 1998 -Otish Mountains project", Ditem Exploration, QNRM, GM 56615.

Chown, E.H. (1971a) "Région de Tichégami", QNRM, RG144, 64p.

Chown, E.H. (1971b) "Région de la rivière Savane", QNRM, RG 146, 37p.

Desbiens, H. (2002a) "33CARATS Project, Upper Eastmain River Area, Northern Quebec (33A/01,07,08,09,10,15; 33H/01,02; 23D/05,12), Summary Report", Dios Exploration, Internal report.

Dios Exploration: www.diosexplo.com

Ditem Resources: www.ditem.ca

Ditem Exploration (2003) "Till sampling programme, Matoush Claim Group", QRNM, GM60593, 99p.

Ditem Explorations and Pure Gold Minerals (2003) "Till sampling programme, Beaver Lake North Claim, Otish Mountains", QRNM, GM 60476, 64p.

Ditem Explorations and Pure Gold Minerals (2003) "Till sampling programme, Beaver Lake South Claim Group", QRNM, GM 60801, 91p.

Docuscience inc and Ressources Plexmar (2004) "Proportions minérales, Projet Papaskwasati", QRNM, GM 60971, 25p.

Docuscience inc, and Ressources Plexmar (2003) "Campagne d'échantillonage du till dans le cadre de l'exploration pour le diamant, projet Papaskwasati partie 1 : Logistique des travaux et traitement des échantillons", QRNM, GM 60522, 391p.+4maps

Docuscience inc, and Ressources Strateco (2003) "Campagne d'échantillonnage du till dans le cadre de l'exploration pour le diamant, Projet Cardinal, Mont Otish" , QRNM, GM 60453, 313p. + 5maps.

Eade, K.E. (1965) " Fort George River and Kaniapiscau River (West Half) Map-Areas, New Quebec", GSC, Memoir 339, 82p.

Fahrig, W.F. (1987) "The tectonic settings of continental mafic dyke swarms: failed arm and early passive margin", in Mafic Dykes Swarms, H.C.Hall and W.F.Fahrig (ed), Geol. Ass.Can., SP 34, pp331-348.

Fipke, C.E., Gurney, J.J., Moore, R.O. (1995) " Diamond exploration techniques emphasing indicator mineral geochemistry and Canadian examples", GSC Bulletin 423, 86p.

Gerisch, W., Jenkins, C.C., Leppin, M. (1979) "Report on exploration works with 14 ddh logs", Uranerz Mining, QNRM, GM 34787.

Girard, R. (2001a) "Caractérisation de l'intrusion kimberlitique du lac Beaver, Monts Otish-Pétrographie et minéralogie", QRNM, MB 2001-08, 23p+annexes.

Girard, R. (2001b) "The 33Carats Project:A diamond exploration program in the Otish Proterozoic Basin-Qualifying Report", for Dios Exploration, Internal report.

Girard, R. (2001c) "Projet Hotish: Exploration pour le diamant dans le secteur des Bassins de Otish et de Papaskwasati-Rapport de qualification", for Dios Exploration, Internal report.

Girard, R. (2002) "L'exploration pour le diamant techniques et aspects pratiques: Notes de cours; Association des prospecteurs du Québec", IOS Services geoscientifiques.

Hashimoto, T. (1961) "Rapport préliminaire sur la région du lac Hyppocampe, District de Mistassini", QNRM, RP-438, 5p.

Hughes, O.L. (1964) "Surficial geology, Nichicun-Kaniapiskau map-area, Quebec", GSC, Bulletin 106, 20p.

Huss,L. (2002) "Compilation géoscientifique dela région du bassin sédimentaire des Monts Otish et de la cuvette de Papawskasati", IOS Services Géoscientifiques, for Dios Exploration, 70p.+maps.

Majescor: www.majescor.com

Majescor (2003) "Glacial sediment sampling, airborne geophysics and diamond drilling, Mistassini property 2001-2003", QRMNQ, GM 60777, 12p.

Majescor (2003) "Glacial sediment sampling, airborne geophysics and diamond drilling, Mistissini property", QRNM, GM 60781, 187P. + 1map.

Moorhead, J., Beaumier, M., Lefevre, D., Bernier, L., Martel, D. (1999) "Kimberlites, linéaments et rifts crustaux au Québec", QRNM, MB-99-35, 135p.

Moorhead, J., Perreault, S., Berclaz, A., Sharma, K., Beaumier,M., Cadieux, A.M. (2000) "Kimberlites and diamonds in Northern Québec", QRNM, PRO 99-09, 6p.

Moorhead, J., Houle, P. (2002) "D'autres kimberlites diamantifères rapportées dans la région des monts Otish``, in www.mrn.gouv.qc.ca/mines/potentiel-chauds-diamants.jsp

O'Connor, A. (2001) "High-resolution aeromagnetic survey (Permit 1555 and 1556) and Heavy mineral sampling (Permit1556), Northern Quebec, NTS 33A/09 and 33A/16", Ashton Mining of Canada, QRNM, GM 59004, 9p.

O'Connor, A. (2001) "Heavy mineral sampling (Permit 1619), Northern Quebec, NTS 33A/03 and 33A/02", Ashton Mining of Canada, QRNM, GM59230, 21p+maps.

Parent, P., Paradis, S.J., Boisvert, E. (1995) "Ice-flow patterns and glacial transport in the eastern Hudson Bay region: implications for the late Quaternary dynamics of the Laurentide Ice Sheet", Can.J.Earth Sci., vol.32, pp2057-2070.

Parent, S.J., Boisvert, E. (1995) "Séquence des éccoulements glaciaires dans le secteur de Chibougamau-Némiscau, Québec", in Current Research 1995-C, GSC, pp259-264.

Parent, M., Paradis, S., Doiron, A. (1996) "Palimpset glacial dispersal trains and their significance for drift prospecting", Journal of Geochemical Exploration, V.56, pp123-140.

Plexmar Resouces: www.plexmar.com

SOQUEM (2003) "Assessment report, Tichegami 1 and Tichegami 3", QRNM, GM 59853, 275p. +16maps.

Veillette, J.J. (1995) "New evidence for northwestward glacial ice flow, James Bay region, Québec", in GSC, Current Research, 1995-C, pp135-142.

Vincent, J.S. (1989) " Le Quaternaire du sud-est du Bouclier Canadien", in Le Quaternaire du Canada et du Groenland, Chap.3, R.J.Fulton(ed), GSC, V.1, pp266-295.

ANNEX 1. HOTISH CLAIMS LIST

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32P10	22	37	0	CDC	1036009	A	11/8/2001	11/7/2003	0	0	53.43
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32P10	22	41	0	CDC	1039514	A	11/28/2001	11/27/2003	0	0	53.43
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32P10	22	43	0	CDC	1039781	A	11/28/2001	11/27/2003	0	0	53.43
32P10	22	44	0	CDC	1039782	A	11/28/2001	11/27/2003	0	0	53.43
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32P10	23	26	0	CDC	1039788	A	11/28/2001	11/27/2003	0	0	53.42
32P10	23	27	0	CDC	1036117	A	11/8/2001	11/7/2003	0	0	53.42
32P10	23	28	0	CDC	1036118	A	11/8/2001	11/7/2003	0	0	53.42
32P10	23	29	0	CDC	1036119	A	11/8/2001	11/7/2003	0	0	53.42
32P10	23	30	0	CDC	1036120	A	11/8/2001	11/7/2003	0	0	53.42
32P10	23	31	0	CDC	1036121	A	11/8/2001	11/7/2003	0	0	53.42
32P10	23	32	0	CDC	1036122	A	11/8/2001	11/7/2003	0	0	53.42
32P10	23	33	0	CDC	1036123	A	11/8/2001	11/7/2003	0	0	53.42
32P10	23	34	0	CDC	1036011	A	11/8/2001	11/7/2003	0	0	53.42

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32P10	20	42	0	CDC	1039504	A	11/28/2001	11/27/2003	0	0	53.45
32P10	20	43	0	CDC	1039769	A	11/28/2001	11/27/2003	0	0	53.45
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32P10	20	51	0	CDC	14449	A	3/1/2004	2/28/2006	0	0	53.46
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32P10	19	49	0 CDC	14443 A	3/1/2004	2/28/2006	0	0	53.47
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32P10	19	51	0 CDC	14445 A	3/1/2004	2/28/2006	0	0	53.47
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32P10	17	51	0 CDC	14437 A	3/1/2004	2/28/2006	0	0	53.49
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32P10	18	33	0 CDC	1035943 A	11/8/2001	11/7/2003	0	0	53.47
32P10	18	34	0 CDC	1035944 A	11/8/2001	11/7/2003	0	0	53.47
32P10	18	35	0 CDC	1035945 A	11/8/2001	11/7/2003	0	0	53.47
32P10	18	36	0 CDC	1035946 A	11/8/2001	11/7/2003	0	0	53.47
32P10	18	37	0 CDC	1035947 A	11/8/2001	11/7/2003	0	0	53.47
32P10	18	38	0 CDC	1035948 A	11/8/2001	11/7/2003	0	0	53.47
32P10	18	39	0 CDC	1035949 A	11/8/2001	11/7/2003	0	0	53.47
32P10	18	40	0 CDC	1039489 A	11/28/2001	11/27/2003	0	0	53.47
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32P10	18	42	0 CDC	1039491 A	11/28/2001	11/27/2003	0	0	53.47
32P10	18	43	0 CDC	1039758 A	11/28/2001	11/27/2003	0	0	53.47
32P10	18	44	0 CDC	1039759 A	11/28/2001	11/27/2003	0	0	53.47
32P10	18	45	0 CDC	1039760 A	11/28/2001	11/27/2003	0	0	53.47
32P10	18	46	0 CDC	1039761 A	11/28/2001	11/27/2003	0	0	53.47
32P10	18	47	0 CDC	1040378 A	11/30/2001	11/29/2003	0	0	53.47
32P10	18	48	0 CDC	1040379 A	11/30/2001	11/29/2003	0	0	53.47
32P10	18	49	0 CDC	1040380 A	11/30/2001	11/29/2003	0	0	53.47
32P10	18	50	0 CDC	1040381 A	11/30/2001	11/29/2003	0	0	53.48
32P10	18	51	0 CDC	14439 A	3/1/2004	2/28/2006	0	0	53.48
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32P10	19	26	0 CDC	1040336 A	11/29/2001	11/28/2003	0	0	53.46
32P10	19	27	0 CDC	1040337 A	11/29/2001	11/28/2003	0	0	53.46
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32P10	19	30	0 CDC	1036097 A	11/8/2001	11/7/2003	0	0	53.46
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32P10	16	38	0	CDC	1035933	A	11/8/2001	11/7/2003	0	0	53.49
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32P10	16	41	0	CDC	1039485	A	11/28/2001	11/27/2003	0	0	53.49
32P10	16	42	0	CDC	1039703	A	11/28/2001	11/27/2003	0	0	53.49
32P10	16	43	0	CDC	1039704	A	11/28/2001	11/27/2003	0	0	53.49
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32P10	16	46	0	CDC	1039707	A	11/28/2001	11/27/2003	0	0	53.49
32P10	16	47	0	CDC	1039708	A	11/28/2001	11/27/2003	0	0	53.49
32P10	16	48	0	CDC	1040372	A	11/30/2001	11/29/2003	0	0	53.49
32P10	16	49	0	CDC	1040373	A	11/30/2001	11/29/2003	0	0	53.49
32P10	16	50	0	CDC	1040374	A	11/30/2001	11/29/2003	0	0	53.49
32P10	17	26	0	CDC	1040485	A	11/30/2001	11/29/2003	0	0	53.48
32P10	17	27	0	CDC	1040486	A	11/30/2001	11/29/2003	0	0	53.48
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32P10	17	45	0	CDC	1039709	A	11/28/2001	11/27/2003	0	0	53.48
32P10	17	46	0	CDC	1039710	A	11/28/2001	11/27/2003	0	0	53.48
32P10	17	47	0	CDC	1039711	A	11/28/2001	11/27/2003	0	0	53.48

Feuillet	Rang	Lot	No séquen	Type de titr	No titre	Statut du ti	Date d'inscrip	Date d'expirat	Nombre d'é	Nombre de	Superficie
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32P10	14	48	0	CDC	1039573	A	11/28/2001	11/27/2003	0	0	53.51
32P10	15	26	0	CDC	1040481	A	11/30/2001	11/29/2003	0	0	53.5
32P10	15	27	0	CDC	1040482	A	11/30/2001	11/29/2003	0	0	53.5
32P10	15	28	0	CDC	1035919	A	11/8/2001	11/7/2003	0	0	53.5
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32P10	15	32	0	CDC	1035923	A	11/8/2001	11/7/2003	0	0	53.5
32P10	15	36	0	CDC	1035924	A	11/8/2001	11/7/2003	0	0	53.5
32P10	15	37	0	CDC	1035925	A	11/8/2001	11/7/2003	0	0	53.5
32P10	15	38	0	CDC	1035926	A	11/8/2001	11/7/2003	0	0	53.5
32P10	15	39	0	CDC	1035927	A	11/8/2001	11/7/2003	0	0	53.5
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32P10	15	42	0	CDC	1039697	A	11/28/2001	11/27/2003	0	0	53.5
32P10	15	43	0	CDC	1039698	A	11/28/2001	11/27/2003	0	0	53.5
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32P10	16	27	0	CDC	1040484	A	11/30/2001	11/29/2003	0	0	53.49
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32P10	16	31	0	CDC	1036087	A	11/8/2001	11/7/2003	0	0	53.49
32P10	16	32	0	CDC	1035928	A	11/8/2001	11/7/2003	0	0	53.49
32P10	16	33	0	CDC	1035929	A	11/8/2001	11/7/2003	0	0	53.49
32P10	16	34	0	CDC	1035930	A	11/8/2001	11/7/2003	0	0	53.49
32P10	16	35	0	CDC	1036088	A	11/8/2001	11/7/2003	0	0	53.49

Feuillet	Rang	Lot	Type de titr	No titre	Statut du ti	Date d'insc	Date d'expi	Nombre de	Superficie (
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32P16	21	18 CDC	1035277 A	11/7/2001	11/6/2003	0	0	53.16
32P16	21	19 CDC	1035278 A	11/7/2001	11/6/2003	0	0	53.16
32P16	21	20 CDC	1035279 A	11/7/2001	11/6/2003	0	0	53.16
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32P16	30	2 CDC	1035228 A	11/7/2001	11/6/2003	0	0	53.07
								10374.14

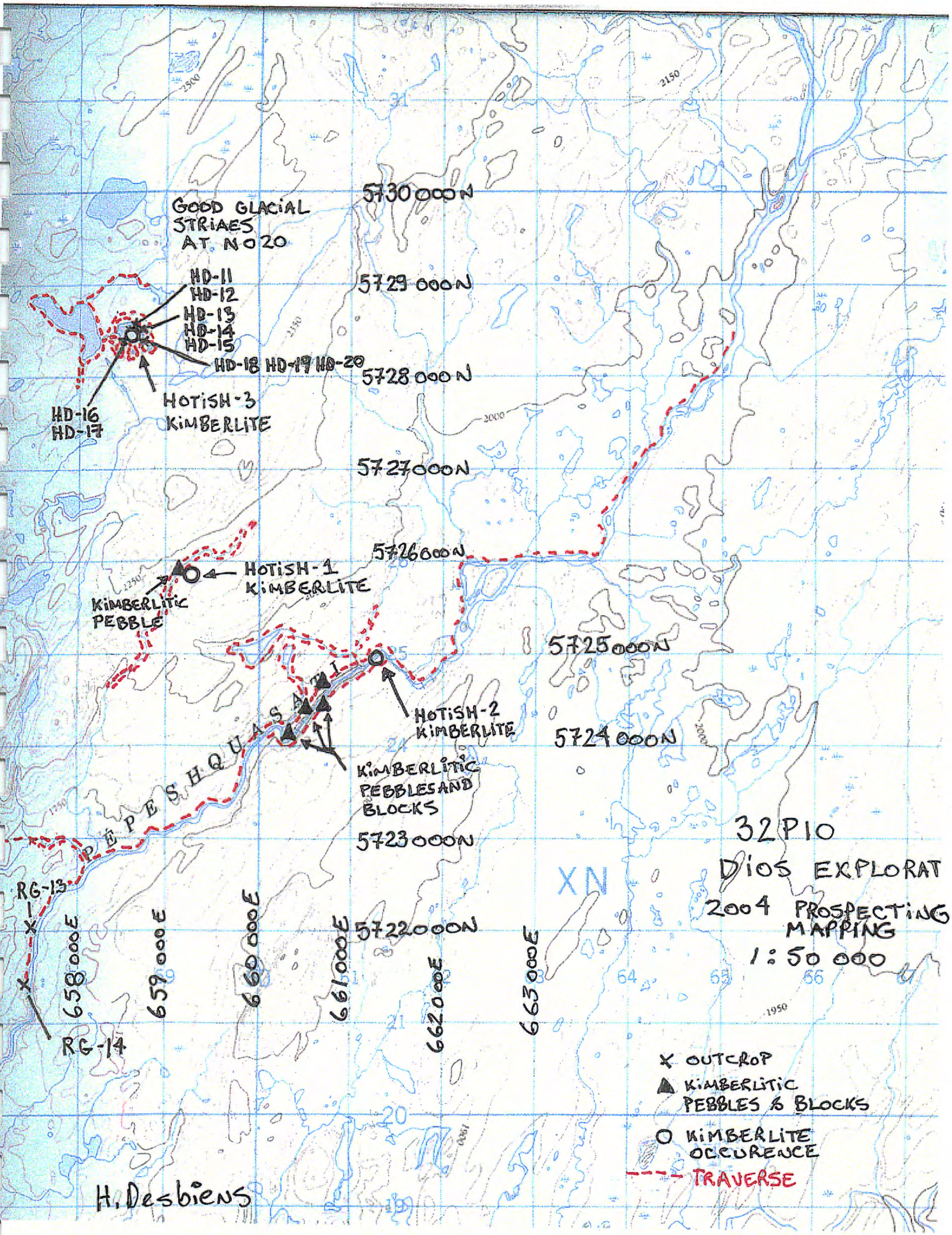
ANNEX 3 HOTISH OUTCROPS- BOULDERS DESCRIPTION AND LOCATION TABLE AND 2004 GEOLOGICAL MAPPING FIELD MAPS

Grid	UTM	
Datum	NAD27	Canada

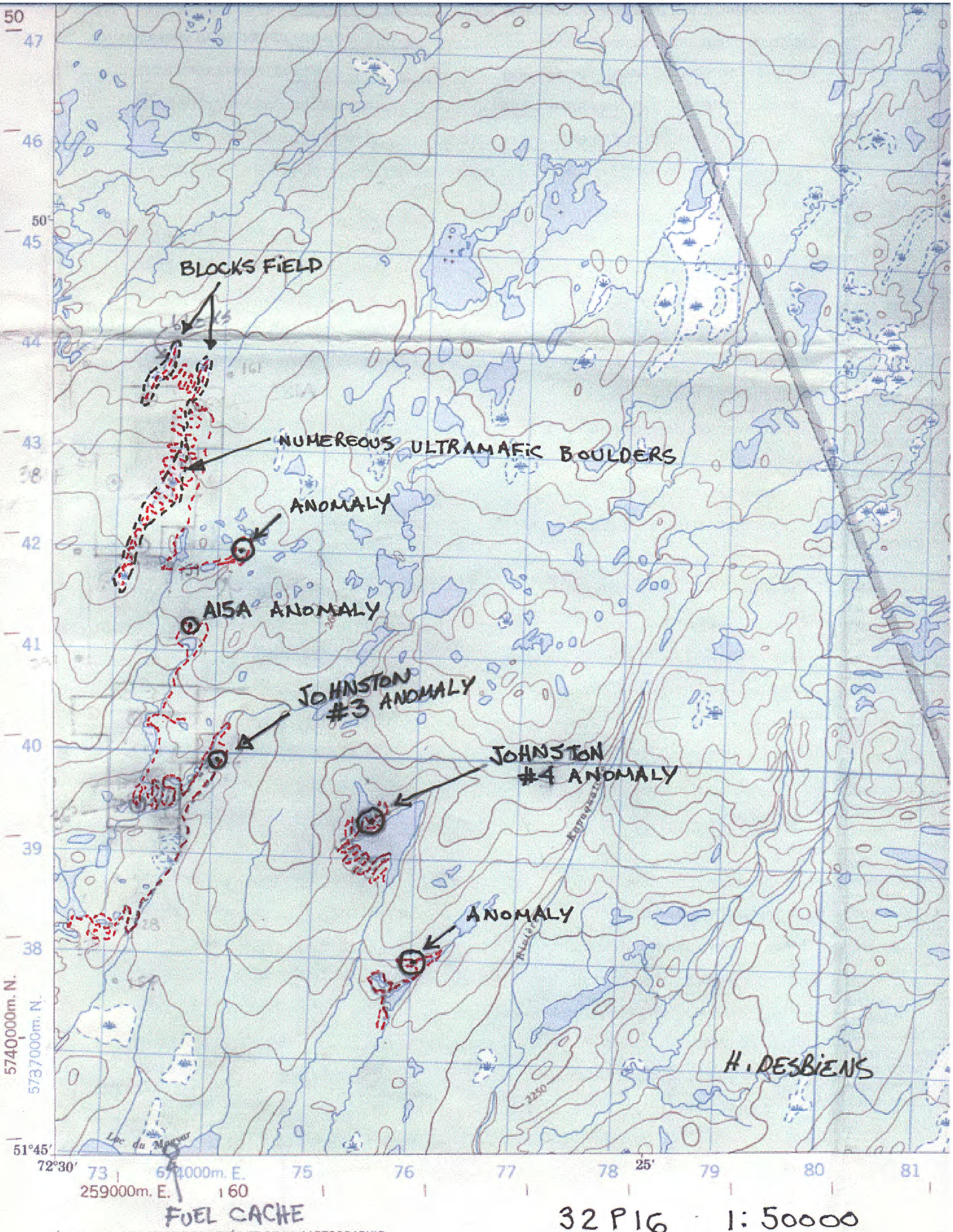
No affleurement	Cible	UTM est	UTM nord	Lithologie	Minéraux	Altération	Structure
RG-01	Lac 177 B	665481	5743704	I1G	QZ FP MI	hématisation	
RG-02	Lac 177 B	666399	5744119	I1G	QZ FP MI	faible épidotisation	Joint 090°/80°
RG-03	Lac 177 B	666549	5744597	I1G	QZ FP MI		
RG-04	Lac 177 B	666789	5744576	I1G	QZ FP AM		
RG-05	Lac 177 B	666688	5744211	I1G	QZ FP		
RG-06	Lac 177 B	665896	5743550	I1G grains fins	QZ FP MI		
RG-07	Lac 177 D	665163	5745937	I1G injection de QZ	QZ FP MI		
RG-08	Lac 177 D	665526	5746385	I1G rose	QZ FP MI		
RG-09	Lac 177 D	665716	5746500	I1G	QZ FP MI		
RG-10	Lac 177 D	666087	5746628	I1G	QZ FP MI		
RG-11	485	666755	5743679	I1G	QZ FP MI	faible épidotisation	
RG-12	485	667249	5743737	I1G	QZ FP MI		
RG-13	Papas	657498	5721951	I1G		chlorite + épidote	fracture 020°/65
RG-14	Papas	657473	5721361	I1G			
RG-15	216	668573	5756183	I1G rose	FP QZ		joints 228°/75
RG-16	216	668534	5756823	S3 (gres) arkosique	QZ 90-100%		
RG-17	Hautbois	659982	5758416	I1G texture peg	QZ FP		
RG-18	Hautbois	659990	5759113	I1G rose pâle			joints 320°/80°
RG-19	Hautbois	659795	5759877	I1G +/- rubannée			
RG-20	Hautbois	660380	5761096	I1G + dyke mafique			
RG-21	A2	651927	5738202	V3B		chlorite	schistosité 260°/75°
HD-01	Lac 177 A	664700	5744300	I1G	QZ BO	faiblement hématisé	
HD-02	Lac 177 A	665100	5744100	I1G	QZ BO		
HD-03	Lac 177 A	664500	5744750	I1G pegmatitique			foliation 180°/70°
HD-04	Lac 177 A	664000	5744300	I1G		faiblement hématisé	
HD-05	Lac 177 A	663975	5744275	I1G		faiblement hématisé	
HD-06	Lac 177 A	663925	5744225	I1G		faiblement hématisé	
HD-07	Lac 177 C	664200	5744900	I1G	QZ BO	hématisation	
HD-08	Lac 177 C	663800	5744750	I1G	QZ BO	hématisation	
HD-09	90	663995	5735400	I1G			diaclase 240°/80°
HD-10	90	664330	5735520	I1G			diaclase 220°/80°- stries N014°

HD-11	Hole 37		658560	5728610 I1G			stries N020°
HD-12	Hole 37		658550	5728575 I1G			diaclase 260°/85°
HD-13	Hole 37		658615	5728530 I1B			
HD-14	Hole 37		658615	5728560 I1G			
HD-15	Hole 37		658620	5728565 I1G			
HD-16	Hole 37		658580	5728570 I1G			
HD-17	Hole 37		658600	5728600 I1G			
HD-18	Hole 37		657825	5728511 I1G pegmatitique			foliation 220°/85°
HD-19	Hole 37		657810	5728580 I1G			
HD-20	Hole 37		657833	5728643 I1G	QZ FP BO		
HD-21		473	668224	5756865 I1G	QZ BO FP		foliation 045°/80°
HD-22	Hautbois		663152	5757360 gneiss granitique	BO AM		foliation 255°/40°
HD-23	Hautbois		663180	5757500 gneiss granitique			diaclase 300°/80°
HD-24	Hautbois		663305	5757850 gneiss granitique			diaclase 050°/90°-010°/90°
HD-25	Hautbois		663340	5758100 gneiss granitique			diaclase 010°/90°
HD-26	Hautbois		663510	5758780 gneiss granitique			diaclase 010°/90°
HD-27	Hautbois		663645	5759340 gneiss granitique			
HD-28	Hautbois		663410	5759680 gneiss granitique			
HD-29	Hautbois		663558	5760108 gneiss granitique			foliation 015°/90° diaclase 320°/90°
HD-30	Hautbois		663081	5760239 gneiss granitique			
HD-31	Hautbois		663030	5760245 gneiss granitique			
HD-32		214	667310	5752546 I1G	BO	hématisation	diaclases 240°/90° 290°/80°
HD-33		214	667367	5752660 I1G	BO	hématisation	diaclases 230°/85° 310°/80°
HD-34		214	667425	5752800 I1G	BO	hématisation	diaclases 240°/90° 315°/80°
HD-35		214	667550	5752940 I1G	BO	hématisation	
HD-36		214	668409	5753614 I1G		légèrement hématisé	
HD-37		214	668785	5754250 gneiss granitique	BO	hématisation	diaclases 240°/90° 300°/80°
HD-38		214	669104	5754860 bloc kimberlitique	15% fragment, MT ++		
HD-39		214	669234	5755007 bloc I4I péridotite	MT ++		
HD-40	follow-up HD-38		669515	5755861 bloc I4I péridotite	MT ++		
HD-41	follow-up HD-38		669602	5756350 bloc I4I péridotite	MT ++		
HD-42	follow-up HD-38		668962	5754718 bloc I4I péridotite	MT ++		
HD-43	follow-up HD-38		668946	5754675 bloc I4I péridotite	MT ++		
HD-44	follow-up HD-38		668684	5754682 I1G	BO		diaclases 020/85 090/80
HD-45	follow-up HD-38		668848	5755431 bloc I4I péridotite	MT ++		
HD-46	follow-up HD-38		669694	5754823 bloc I4I péridotite	MT ++		

HD-47	follow-up HD-38	668656	5755635	I1G K-FPTH		hématisation	
HD-48	follow-up HD-38	668540	5755568	I1G K-FPTH		hématisation	diaclases 005/85 250/80
HD-49	follow-up HD-38	668459	5755237	I1G K-FPTH		hématisation	diaclases 355/85 260/80
HD-50	follow-up HD-38	668250	5755250	I1G K-FPTH		hématisation	
HD-51	follow-up HD-38	668314	5755287	I1G K-FPTH		hématisation	diaclases 350/80
HD-52	follow-up HD-38	668306	5754687	I1G K-FPTH		hématisation	diaclases 350/80
HD-53	follow-up HD-38	668367	5754438	I1G K-FPTH		hématisation	diaclases 310/85 010/80
HD-54	N365	667992	5745117	I1G pegmatitique		hématisation	diaclases 005/85 296/75
HD-55	N365	668723	5746067	I1G K-FPTH		hématisation	diaclases 050/85 340/80
HD-56	N365	668732	5746144	DIORITE			diaclases 030/85 280/00
HD-57	N365	668640	5746345	I1G K-FPTH		hématisation	diaclases 250/85 355/85
HD-58	N365	668600	5746440	I1G K-FPTH		hématisation	diaclases 345/80 260/85
HD-59	N365	668575	5746545	I1G K-FPTH		hématisation	diaclases 000/85 270/80
HD-60	N365	668545	5746780	I1G K-FPTH		hématisation	diaclases 240/85 330/85
HD-61	N365	668530	5746960	TONALITE			diaclases 230/80 320/85
HD-62	N365	668503	5747085	I1G K-FPTH		hématisation	diaclases 348/80
HD-63	N365	668525	5747145	I1G K-FPTH		hématisation	diaclases 320/85 230/75
HD-64	N365	668500	5747545	I1G K-FPTH		hématisation	diaclases 338/80 235/80
HD-65	N365	668515	5747590	I1G pegmatitique			diaclases 005/80 225/80
HD-66	N365	668575	5747740	I1G pegmatitique			diaclases 005/80 230/80
HD-67	N365	668537	5747785	I1G K-FPTH		hématisation	
HD-68	N365	668505	5747790	I1G K-FPTH		hématisation	diaclases 005/85 240/85
HD-69	N365	668509	5747865	I1G K-FPTH		hématisation	diaclases 005/80 235/80
HD-70	button234	672822	5758250	I1G	BO		
HD-71	button234	672866	5758195	I1G	BO		diaclases 310/85 260/85
HD-72	button234	672917	5758175	I1G	BO		diaclases 320/85 260/85
HD-73	button234	672990	5758160	I1G	BO		diaclases 320/85 260/80
HD-74	button234	673150	5757865	I1G K-FPTH			diaclases 010/85 275/85
HD-75	button234	673190	5757740	I1G K-FPTH			diaclases 010/80
HD-76	button234	673335	5757540	I1G K-FPTH			diaclases 300/75 225/80
HD-77	button234	673470	5757340	I1G pegmatitique			diaclases 260/85 350/85
HD-78	button234	673858	5757135	I1G pegmatitique			diaclases 235/80
HD-79	button234	674570	5756900	I1G	BO	hématisation	stries N022-024°
HD-80	button234	674560	5756870	I1G	BO	hématisation	diaclases 210/80


GOOD GLACIAL STRIAES AT N020
HD-11
HD-12
HD-13
HD-14
HD-15
HD-18 HD-19 HD-20
HD-16
HD-17
HOTISH-3 KIMBERLITE
5730 000 N
5729 000 N
5728 000 N
5727 000 N
5726 000 N
5725 000 N
5724 000 N
5723 000 N
5722 000 N
HOTISH-1 KIMBERLITE
KIMBERLITIC PEBBLE
HOTISH-2 KIMBERLITE
KIMBERLITIC PEBBLES AND BLOCKS
PEPESHQUASATI
RG-13
RG-14
658 000 E
659 000 E
660 000 E
661 000 E
662 000 E
663 000 E
32 P10
DIOS EXPLORAT
2004 PROSPECTING MAPPING
1:50 000
X OUTCROP
KIMBERLITIC PEBBLES & BLOCKS
O KIMBERLITE OCCURENCE
TRAVERSE
H. Desbiens

32P15
GOOD GLACIAL STRIAES AT N0/4
HD-10
HD-09
32P10
1:50 000
5735000N
5734000N
5733000N
5732000N
663000E
664000E
665000E
DIOS EXPLORATION
2004 PROSPECTING & MAPPING
H. DESBIENS
Lac Pépeshquasati
R. Pépeshquasati
Fondrière à filaments



32 P16 1: 50000

2004 PROSPECTING & MAPPING

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, à l'aide de photographies aériennes prises en 1955 et 1956. Publiée en 1982.

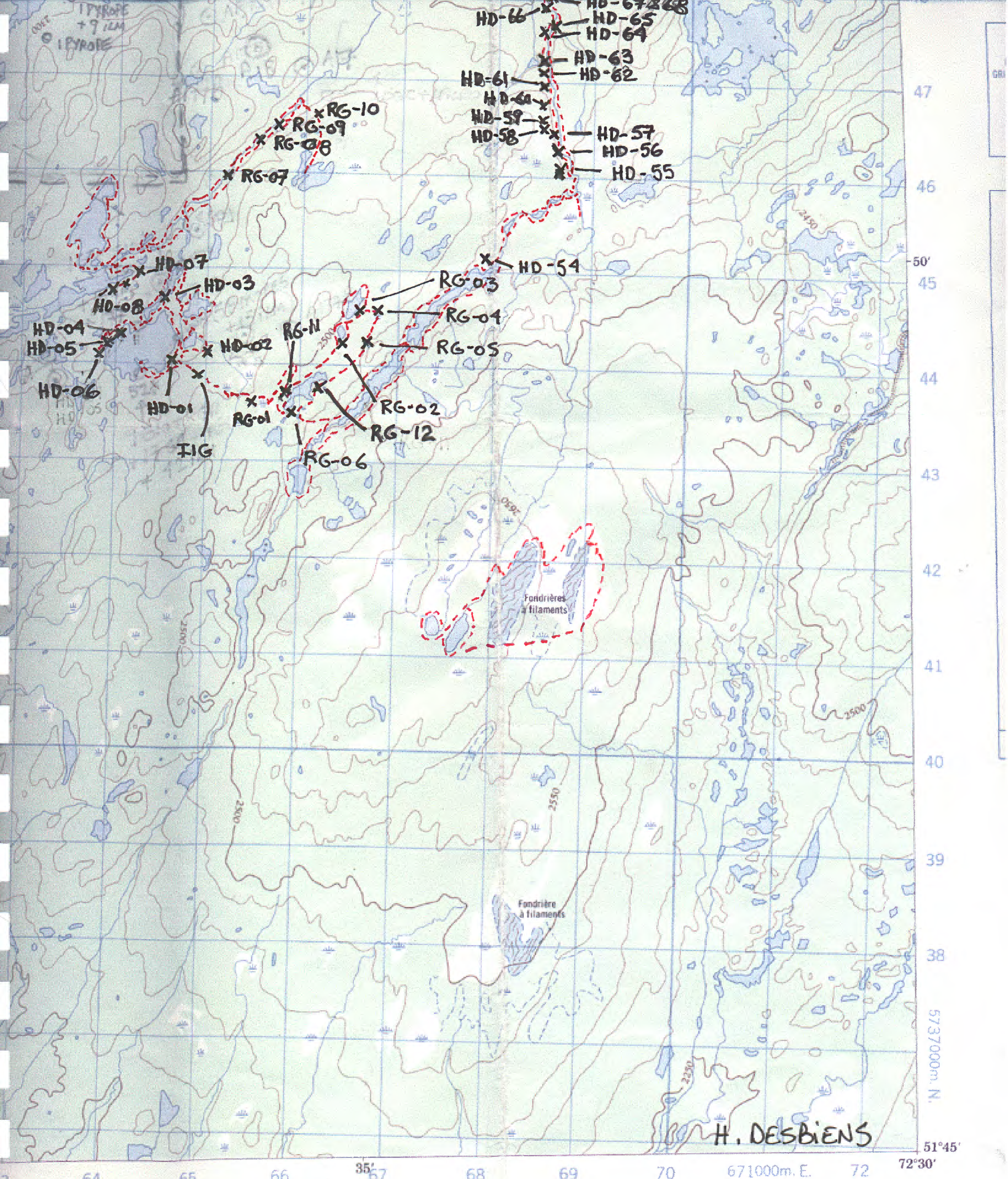
On a comparé cette carte aux images prises par satellite en 1981; nous avons constaté que toutes ses caractéristiques principales étaient à jour.

--- TRAVERSE

BLOCKS FIELD

⊙ MAGNETIC ANOMALY

DIOS EXPLORATION



X OUTCROP -- TRAVERSE

2004 MAPPING & PROSPECTING

Information concerning bench marks and horizontal survey monuments can

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, from aerial photographs taken in 1955 and 1956. Published in 1982.

32 P 15 1:50 000 DIOS EXPLORATION

DIOS EXPLORATION

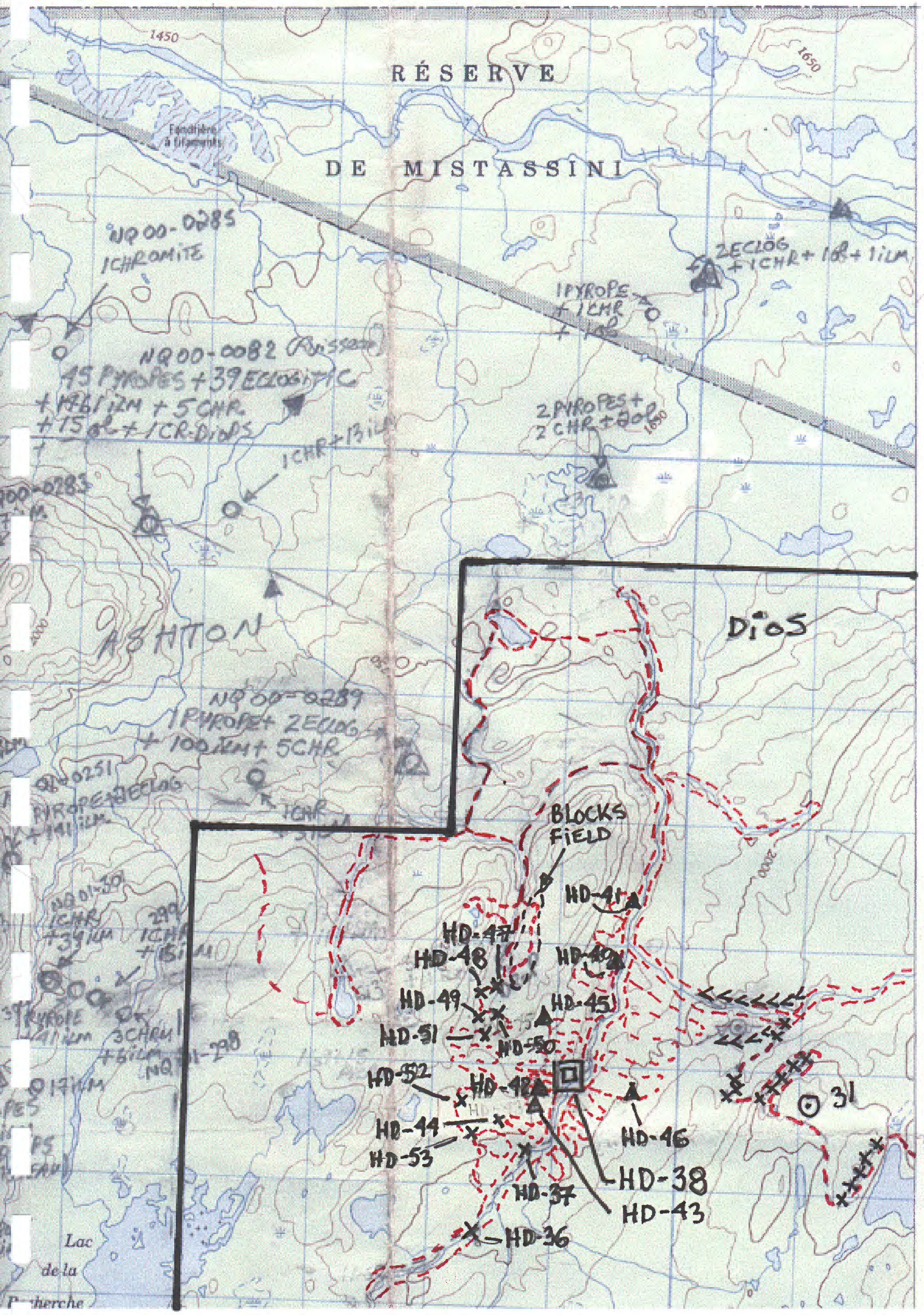
2004 PROSPECTING + MAPPING

EDITION 2

32 P/15 1:50000

65 35′ 67 68 69 70 671000m. E. 72°30′

52°00′



Référence de cette carte pour usage militaire: Military users, refer to this map as:	SÉRIE A 76
	CARTE 32 P
	ÉDITION 2 MC

H. DESBIENS

LÉGENDE	LEGEND
Altitude, imprécise	Elevation
Limite de réserve	Reserve
Cours d'eau ou rives; imprécis	Stream
Cours d'eau intermittent, ou à sec	Stream
Direction du courant	Direction
Lac intermittent	Lake int
Terrain inondé	Flooded
Marais ou marécage	Marsh o
Chutes	Falls
Rapides	Rapids
Sable: au-dessus, sous l'eau	Sand: a
Roches	Rocks
Courbes de niveau	Contour
Courbes de cuvette	Depress
Esker	Esker
Région boisée	Wooded

GLOSS

Fondrière à fil

#374

○ 269 + 8 Picro

X OUTCROP

▲ BOULDER

KIMBERLITE FLOAT

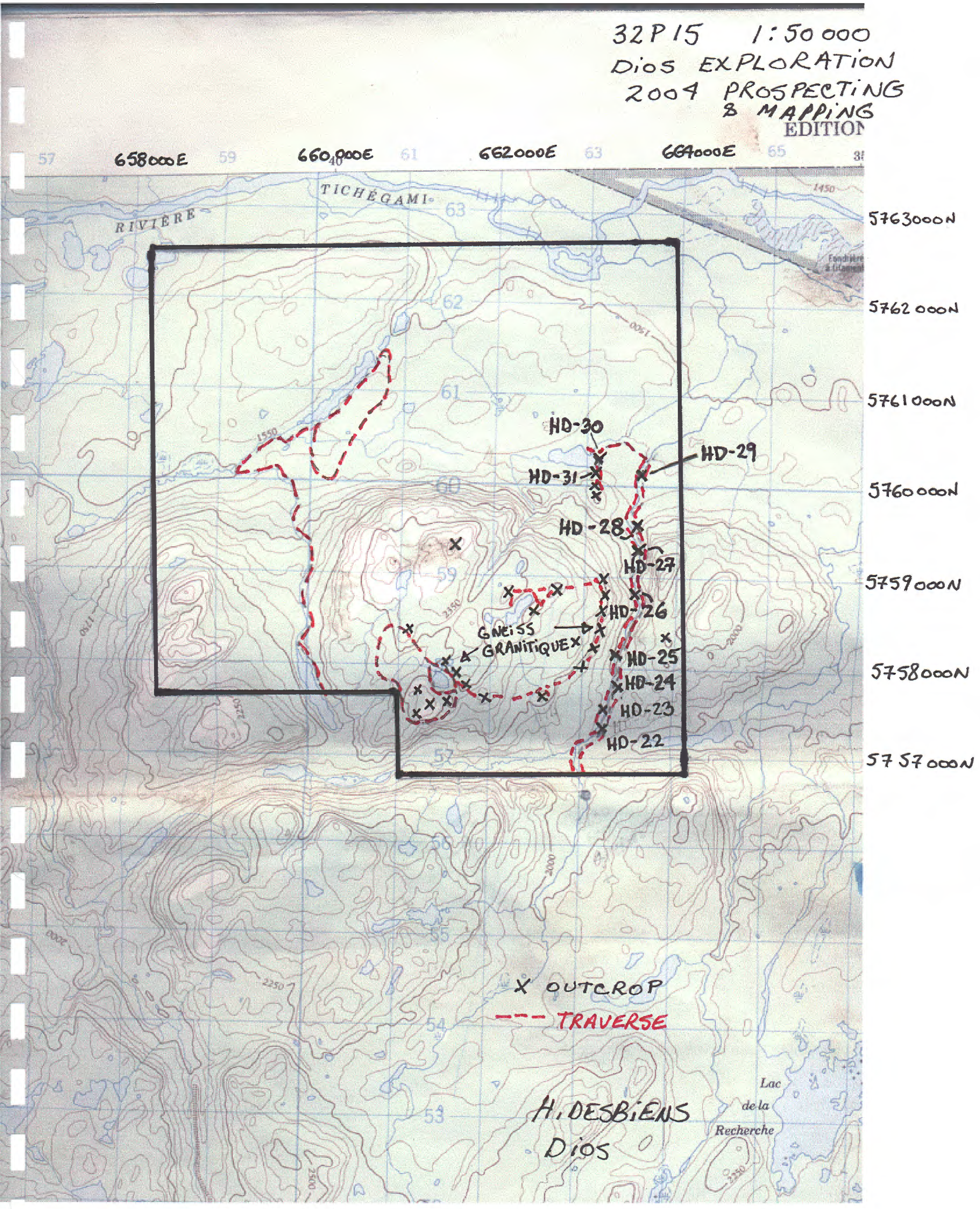
--- TRAVERSE

<<< ESKER

N.G.
T.N.

67

KIMBERLITE FLOAT


32P15 1:50 000
Dios EXPLORATION
2004 PROSPECTING
& MAPPING
EDITION
658000E
660,000E
662000E
664000E
5763000N
5762000N
5761000N
5760000N
5759000N
5758000N
5757000N
RIVIÈRE
TICHÉGAMI
HD-30
HD-31
HD-29
HD-28
HD-27
HD-26
HD-25
HD-24
HD-23
HD-22
GNEISS GRANITIQUE
X OUTCROP
--- TRAVERSE
H. DESBIENS
Dios
Lac
de la
Recherche

X OUTCROP

--- TRAVERSE

Dios

32P16 1:50 000

2004 PROSPECTING & MAPPING