

DIAMOND DISCOVERIES INTERNATIONAL CORP.

FIG 1

DIAMOND DISCOVERIES INTERNATIONAL



CLAIM LOCATION MAP

SCALE: 1 : 200,000	NTS: 24P/6,7,8,9,10,11,12
DATE: MAY 2, 2002	DRAWN BY:

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GM 60871

DIAMOND DISCOVERIES INTERNATIONAL INC.
(D.D.I. #6)
P.E.M. 1472

TANDEM
RESOURCES LTD
P.E.M. 1481

DIAMOND DISCOVERIES
INTERNATIONAL INC.
(D.D.I. #5)
P.E.M. 1483

INTERNATIONAL
TOWER HILL
MINES
P.E.M. 1467

AYREX RESOURCES LTD
P.E.M. 1463

TWIN MINING CORP.
P.E.M. 1464

TWIN MINING CORP.
P.E.M. 1462

(D.D.I. #2)
DIAMOND DISCOVERIES
INTERNATIONAL INC.
P.E.M. 1499

(D.D.I. #4)
DIAMOND DISCOVERIES
INTERNATIONAL INC.
P.E.M. 1517

J.P. CLOUTIER
P.E.M. 1197

TWIN MINING CORP.
P.E.M. 1459

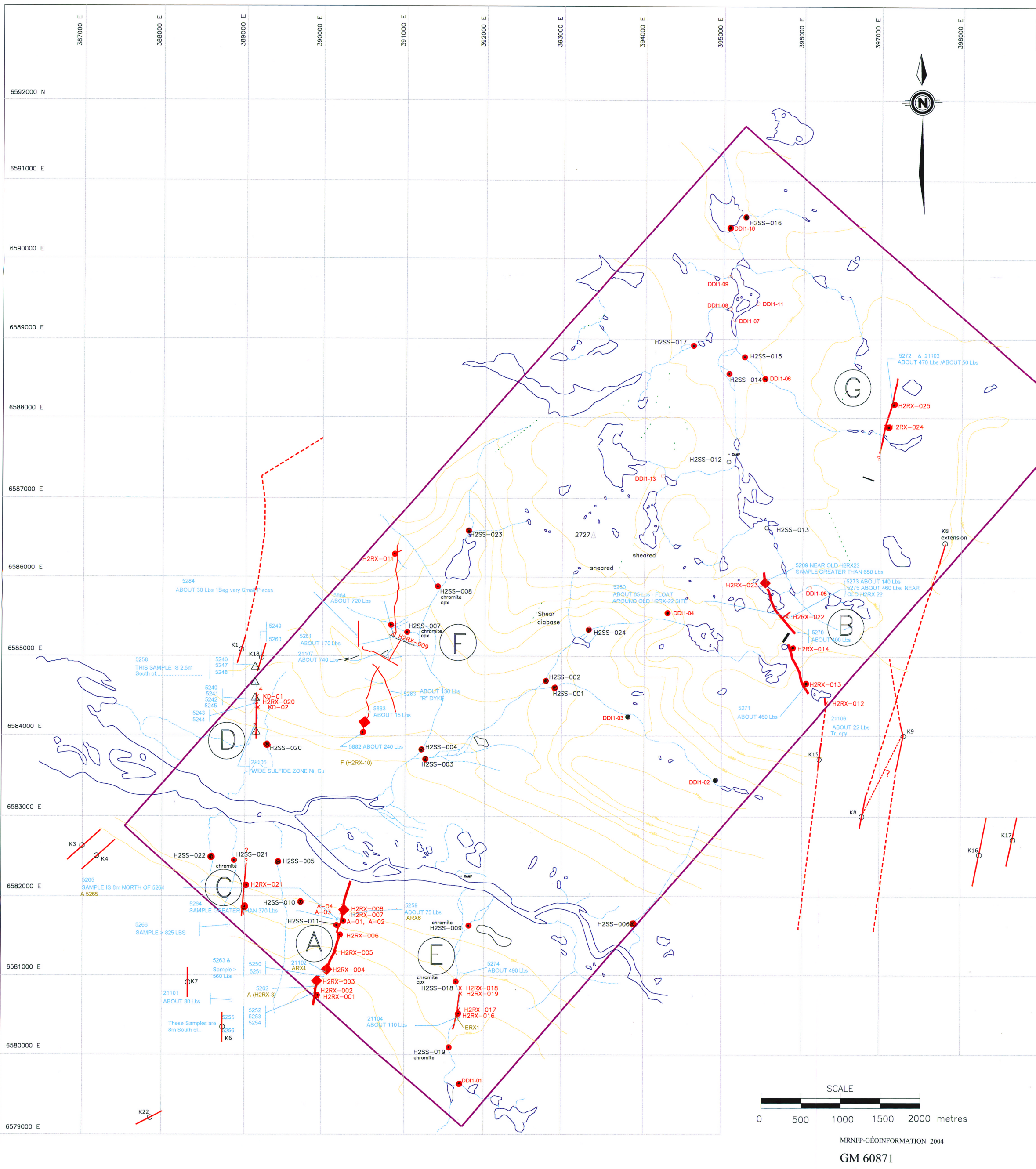
(D.D.I. #1)
DIAMOND DISCOVERIES
INTERNATIONAL INC.
P.E.M. 1473

(D.D.I. #3)
DIAMOND DISCOVERIES
INTERNATIONAL INC.
P.E.M. 1482

UNGAVA BAY

ALLUMAQ FJORD

RESE
LABORATOR



LEGEND

- 1 GRANITE / GRANULITE**
 - 1a granite (undifferentiated)
 - 1b granodiorite
 - 1c diorite

- 2 GNEISS (garnet bearing)**
 - 2a granite gneiss
 - 2b oxidized biotite +/- graphite gneiss
 - 2c quartz gneiss (80% quartz-feldspar)
 - 2d biotite-amphibole gneiss

3 PERIDOTITE

- 4 KIMBERLITE COARSE GRAINED**
 - 4a kimberlite fine grained
 - 4b tuff <20% fragments
 - 4c breccia >20% fragments
 - 4d potassium altered & welded

5 GABBRO

- 5a gabbro diabase

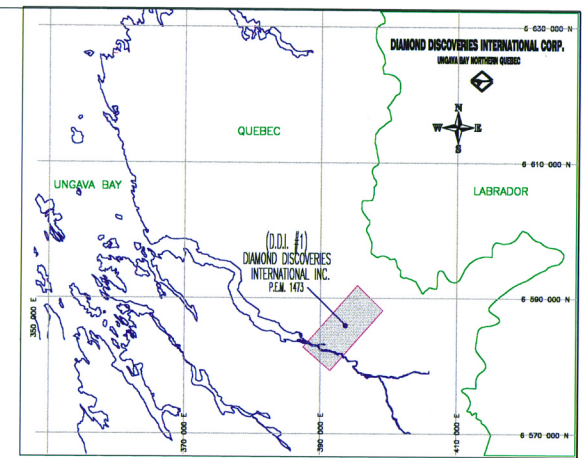
Pg — 6 PEGMATITE

GEOLOGICAL SYMBOLS

- Geological contact
- Outcrop outline
- ? --- 4 Interpreted location of Kimberlite / Lamprophyre
- ↗ Strike and dip of foliation / bedding
- ↘ @62° Plunge & direction of fold axis
- ~ Fault / defined, approximate
- Topographic contours (250 m interval)

SAMPLE LOCATIONS

- H6SS-008 Stream Sediment Sample Site (no KIM's)
- H6SS-008 Stream Sediment Sample Site (with KIM's)
- X H6RX-003 Kimberlite / lamprophyre rock sample site
- H6HS-002 Rock Sample Site
- ▲ H6HS-002 Float Sample Site
- 004-36 STREAM SEDIMENT SAMPLE SITE (HMC)
- 5205 SOIL SAMPLE SITE
- 5252 ABOUT 120 Lbs ROCK SAMPLE SITE WITH WEIGHT OF SAMPLE
- ◆ K KIMBERLITE DYKE SOIL
- △ RUBY CORUNDUMS

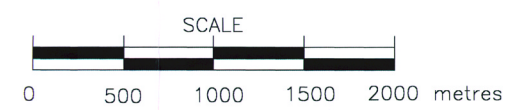


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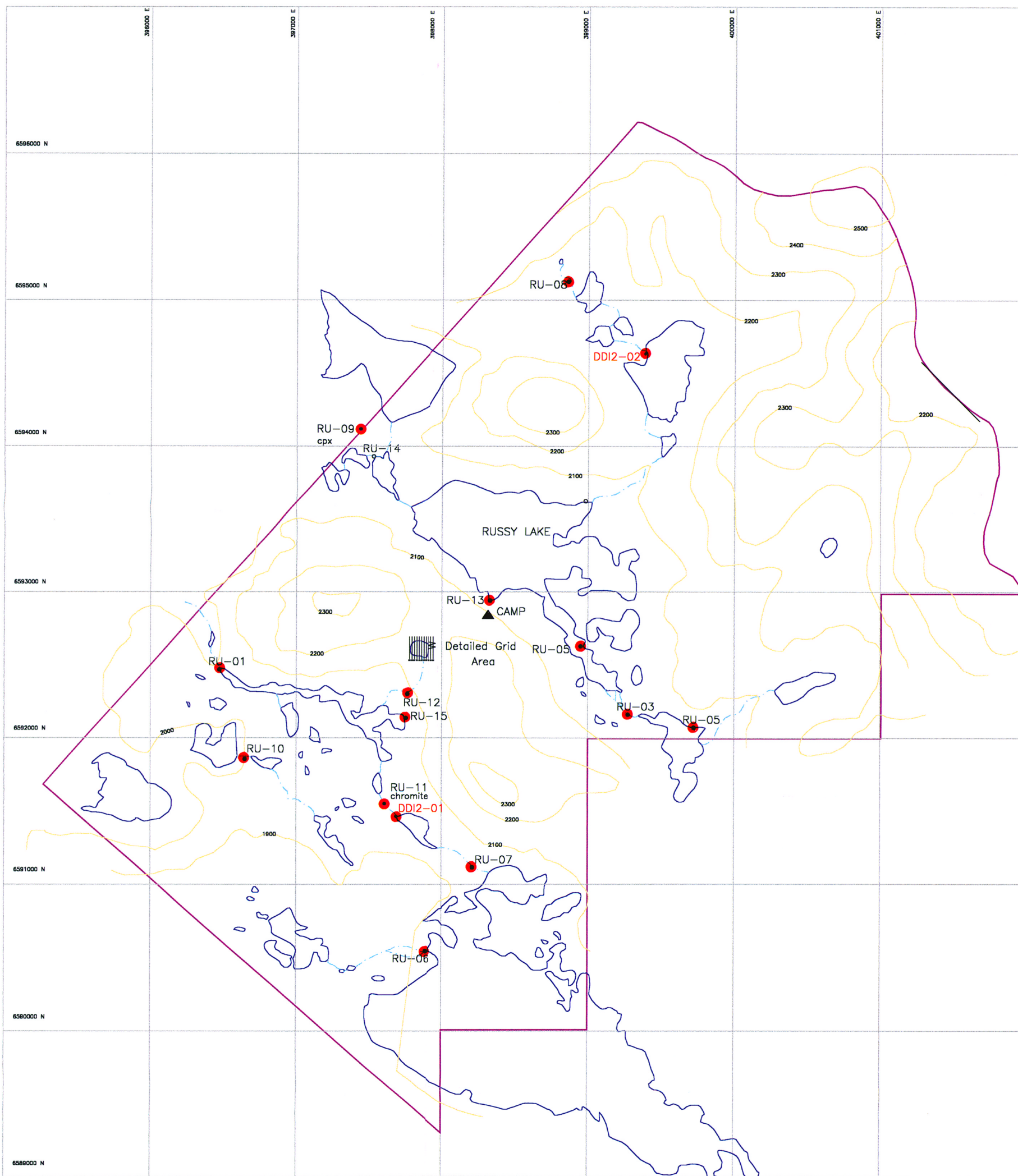
**FIG. 2
SAMPLE LOCATION MAP**

Scale: 1:20,000	NTS: 24P/7	DDI-1
Date: Dec. 06, 2001	Drawn by: G. SMITH Revisions by: J. WEBSTER	
Revised: July 20, 2002	Geology: G. MAZEROLLE	



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LEGEND

1. GRANITE / GRANULITE
 - a) granite (undifferentiated)
 - b) granodiorite
 - c) diorite
2. GNEISS (garnet bearing)
 - a) granite gneiss
 - b) oxidized biotite +/- graphite gneiss
 - c) quartz gneiss (80% quartz-feldspar)
 - d) biotite-amphibole gneiss
3. PERIDOTITE

— 4. KIMBERLITE-LAMPROPHYRE

Pg PEGMATITE

GEOLOGICAL SYMBOLS

- Geological Contact
- - - - - Outcrop Outline
- ? - - - - - 4 Interpreted location of kimberlite / lamprophyre
- Magnetometer Survey Line with Anomaly
- Strike & Dip of Foliation / Bedding
- Fault
- Topographic contours (250 m interval)

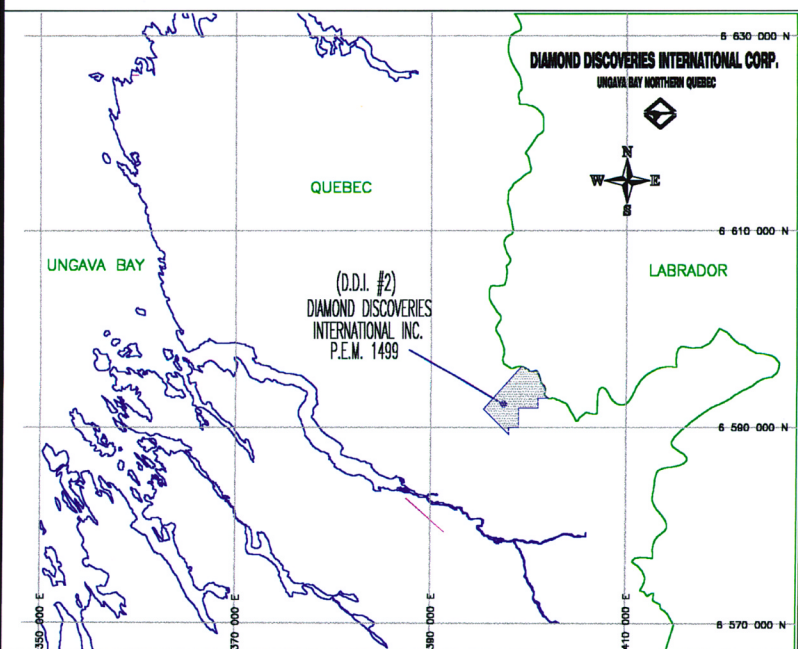
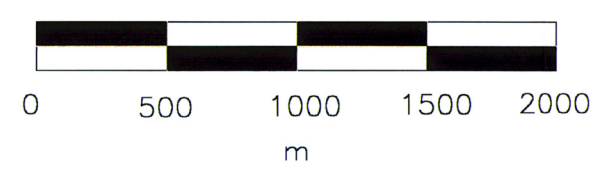
SAMPLE LOCATIONS

- RU-3 Stream Sediment Sample Site (no KIM's)
- RU-3 Stream Sediment Sample Site (with KIM's)
- x H2RX-014, A-01, KD-01 Kimberlite / lamprophyre rock sample site
- x H2HS-001 Rock Sample Site
- 5100 Float Sample Site
- DD2-38 STREAM SEDIMENT SAMPLE SITE (HMC)

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SCALE

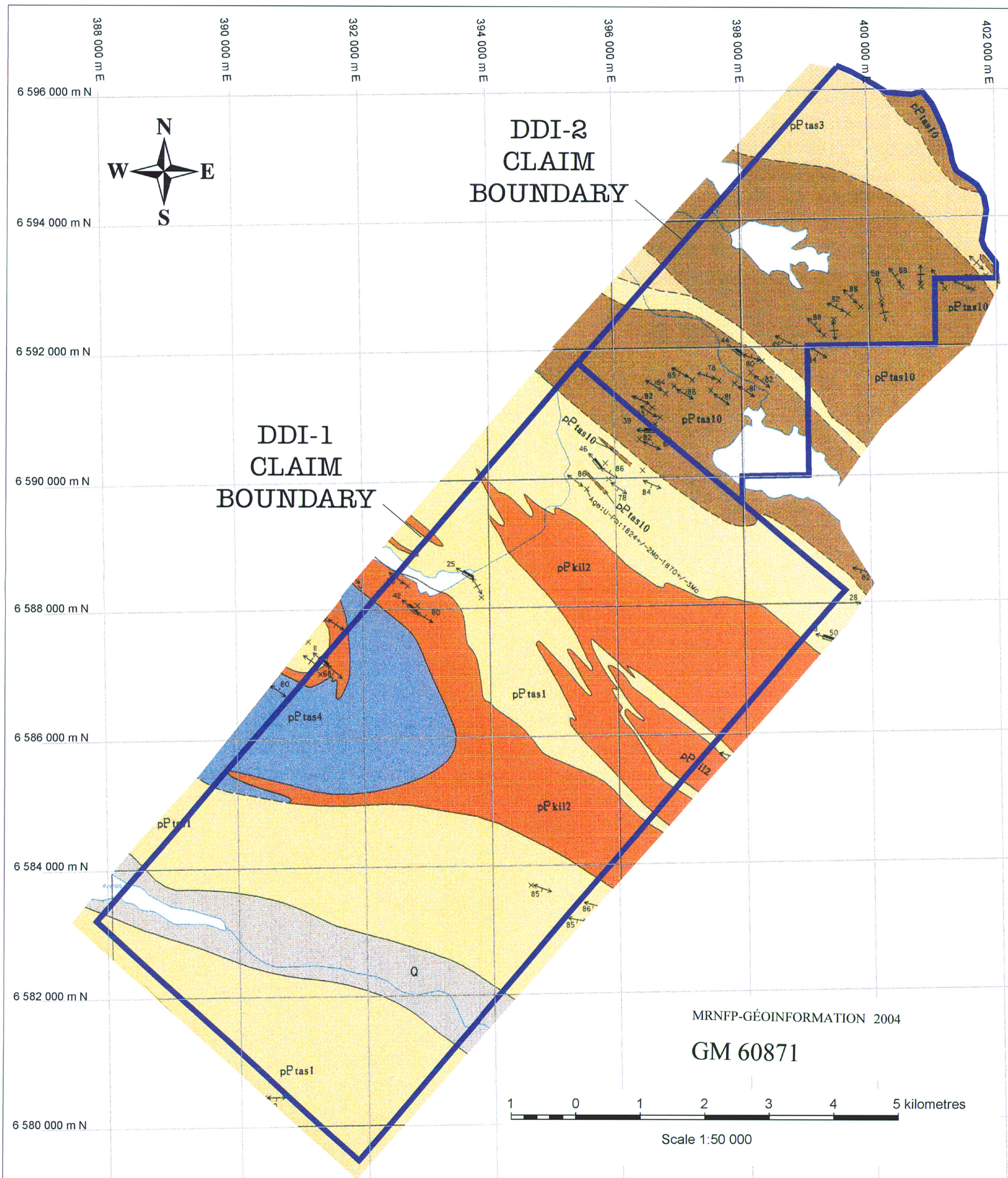


DIAMOND DISCOVERIES INTERNATIONAL



FIG. 2
SAMPLE LOCATION MAP

Scale: 1:20,000	NTS: 24P/7	DDI-2
Date: Dec. 06, 2001	Drawn by:	
Revised: Aug 8, 2002	Geology: G.Mazerolle	



STRATIGRAPHIC LEGEND

- QUATERNARY**
- Q Sand, gravel, silt, till
- SOUTH-EAST CHURCHILL PROVINCE
TORNGAT OROGEN**
- PALEOPROTEROZOIC**
- pP_{tas10} **Tasluyak**
Quartz "mesocrate" diorite, gray to black weathering. Deformed, foliated on outer edge of the Abloviak Shear zone; contains enclaves of porphyritic igneous rocks defined by aggregates of recrystallized plagioclase, and with <50 cm syngenetic xenoliths of fine granulitic diorite; transformed to mylonite in the Abloviak Shear Zone.
 - pP_{tas4} Marble impure calcisilicate, consisting of 1-5 m beds of impure marble with diopside-olivine-calcite, and pale green 1-10 m thick diopside calc-silicate beds, locally numerous stratiform and discordant white quartz veins.
 - pP_{tas3} Paragneiss and migmatite metasediments, gray to tan weathering, compositionally characterized by red garnets, biotite and abundant leucosome in which sillimanite is rare.
 - pP_{tas1} Paragneiss and "diatexite", rusty brown weathering and white weathering, characterized by lilac garnets and sillimanite. Homogenous on a large scale, but well layered on a scale of 10cm-2m varies from a quartzite to garnet to semipelitic gneiss to garnet-biotite-feldspar-quartz, to quartzfeldspathic pelitic gneiss to sillimanite-biotite-garnet; crossing and/or interlayered with garnet rich granite.
- BURWELL DOMAIN
PALEOPROTEROZOIC**
- pP_{kil2} **Killinek Charnockite Suite**
Granodiorite to homogenous tonalite with orthopyroxene (opdalite to enderbite), tan weathering massive to foliated, equigranular medium grained rock.

Reference : Natural Resources Quebec, 2001 1:50 000
Geology map sheet 24P07-MONT JACQUES-ROUSSEAU
SI-24 P07-C3G-01H, Van Kranendonk, M.J.

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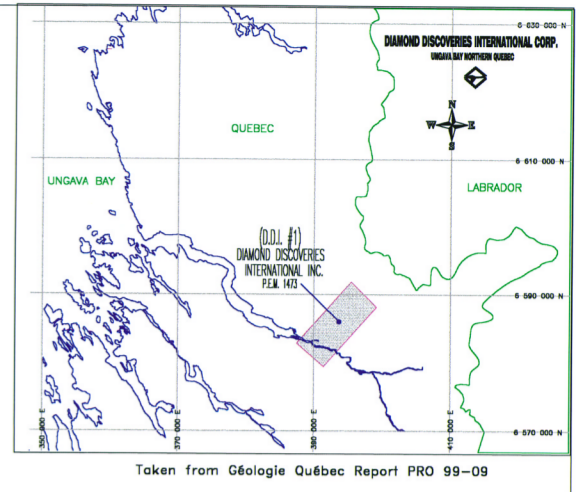
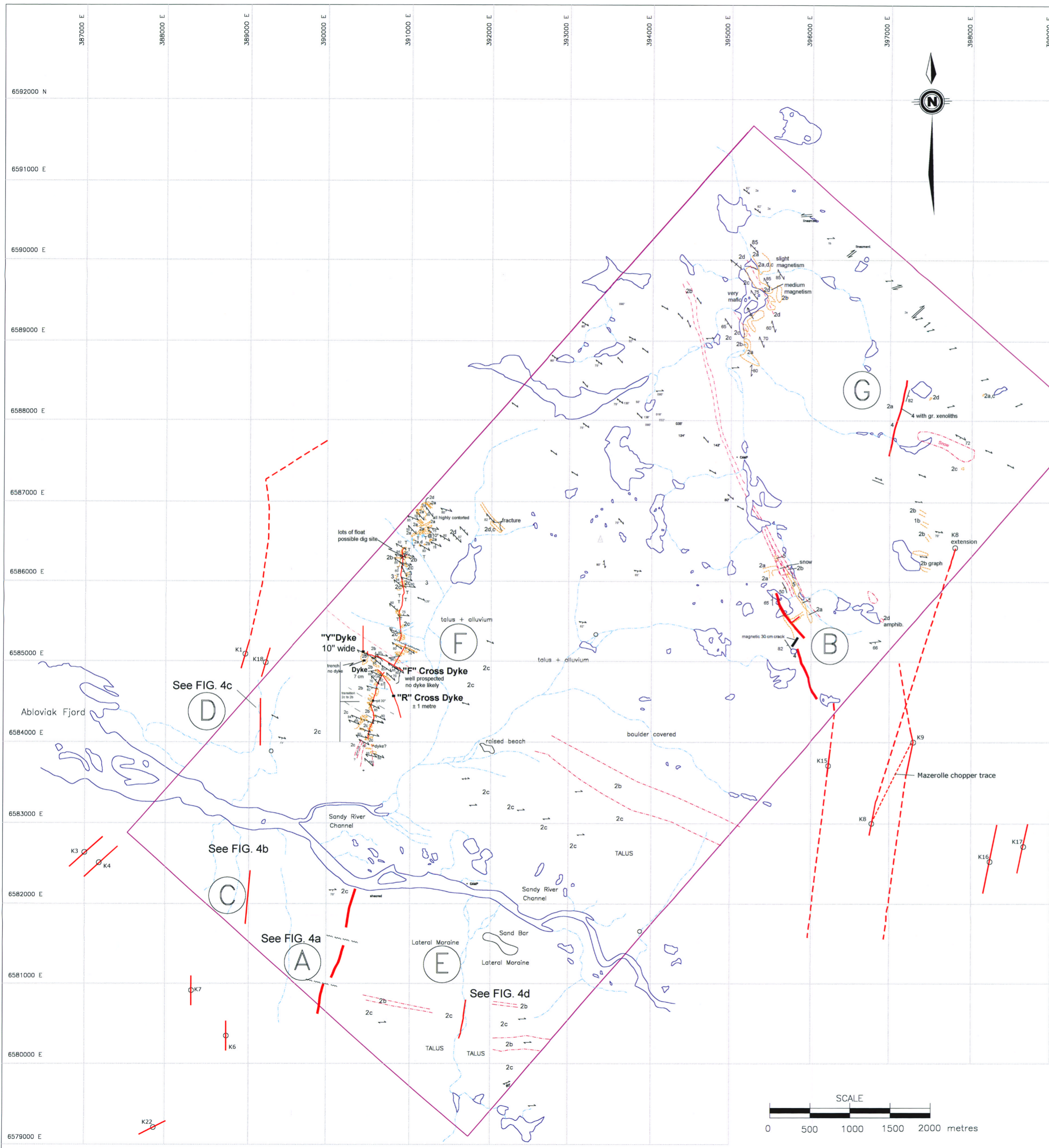
FIG. 3 REGIONAL GEOLOGY MAP DDI-1 & DDI-2

NTS : 24 P 07

Scale: 1:50 000

Date: July 20,2002

Drawn by: J. Webster



LEGEND

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 - 1c diorite
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- Geological contact
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FIG. 7
PROPERTY GEOLOGY 2001

Scale: 1:20,000	NTS: 24P/7	DDI-1
Date: Dec. 06, 2001	Drawn by: G. SMITH Revisions by: J. WEBSTER	
Revised: July 20, 2002	Geology: G. MAZEROLLE	