Hexagon Gold (Ontario) Ltd.
DDH QR 03 01
Core Size NQ
Grid Collar 20+00 N 19+96 E
UTM 05394003 N, 15-0525935 E
Start: December 1,2003
Finish: December 23, 2003
Strike 270 Degrees, Dip 165 Degrees
Final Depth 459.15 metres
Hole Logged by: Jack A. Bolen BSc.

January 2, 2003

DDH QR 03 01 was drilled to undercut at depth veins which were intersected in a drift in the South Foley Shaft. No veins of significance was intersected. No samples were taken for assay.

The only rock type intersected was massive Trondhjemite. Typically gray greenish in colour, medium to coarse grained, containing 20 to 30% quartz eyes of 2 to 6 mm size. Typically the Trondhjemite contains less than 10% mafic minerals mainly as biotite and hornblende. The unit is remarkably massive in nature with only minor fracturing. Fractures are filled with chlorite if movement occurred and tourmaline when no movement is noted. Typical feldspar present is plagioclase 50%, K-spar 10%. Trondhjemite weathers pink.

Core is stored at the cabin of Alan McCormick. Travel 1 km East of Mine Centre on Highway 11 and turn South on the Shoal Lake Road for 10 Kms. UTM 5392196 N, 15-0524975 E.

Drilling was done by Thor Drilling Ltd, PO Box 2650, Kenora, Ontario P9N-3X8
Drill supervision, core logging, report writing by: Jack A. Bole, 1215 end Street East, Ft. Frances, Ontario P9A-1P5.

Jack A. Bolen BSc.
VP & General Manager
Hexagon Gold (Ontario) Ltd.

DDH QR 03 01
Core Size NQ 1 7-8 inch diameter
Start : December 1, 2003
Finish: December 23, 2003
Grid Northing 20+00 North
Grid Easting 19+96 West
UTM WGS 84 Northing 05394003
Easting 15-0525935
Strike 270 degrees
Dip - 65 degrees Dip Test @ 250 m 64 degrees, @ 450 m 60 degrees

Final Depth 459.15 metres

Logged by: Jack A. Bolen BSc.
1215 2ns Street East
Ft. Frances, Ontario P9A 1P5

0 - 2.32 Casing

2.32 – 58.50 Trondhjemite, massive, gray greenish in colour, locally pinkish, quartz eyes of 2 5 mm in size, 10 to 40 %, average 20 %, gray green matrix of feldspar, grain size is variable from fine to coarse, unit is cyclic banded, differentiated, 5 metre cycles, 2 metres of coarse trondhjemite gradational into a fine to medium grained phase over 20 cm. Interval. Coarse grained phase contains black biotite mica up to 15% locally, average 10% as 1 2 mm disseminated grains. Minor hairline fractures with weak bleaching for 2 to 3 mm. Locally minor silicification along fractures with rare black tourmaline fracture filling. Occasional specks of pyrite confined to fracture or joint planes.

Weak fracturing with tourmaline and quartz. 6.3 @ 28 degrees,
22.0 @ 54 degrees
24.5- 24.55 – 5 cm quartz vein with minor tourmaline @ 20 degrees to core axis
29.0 - 29.01 – 1 cm. quartz vein

minor jointing on a metre scale @ 50 and 30 degrees to core axis.

54.92 – 55.02 white quartz vein, no sulphides
55.39 – 55.80 pinkish quartz vein parallel with core axis, micro fractured with traces of tourmaline
58.15 – 58.5 siliceous band/quartz vein. Contact between gray trondhjemite and pinkish trondhjemite.

58.50 – 107.0 Pinkish Trondhjemite – change to K spar from plagioclase rich, coarse to medium grained, 90% felsic, 10% disseminated grains of biotite as 1-2 mm grains, 20 – 25% quartz eyes of 1 – 4 mm size., weak fracturing with chlorite fracture filling with minor tourmaline, occasional white quartz veinlet of 1 – 2 cm width.

60.94 – 60.96 quartz vein, fractured, trace pyrite and tourmaline
69.00 – 69.05 fractured, quartz veinlet, tourmaline and traces of pyrite, 10 degrees to CA.
74.90 – 74.97 quartz vein, 38 degrees CA, trace pyrite as 1mm crystals and trace galena.
79.00 – 74.01 1 cm quartz vein. Trace pyrite and galena
83.00 – 84.1 pink quartz vein, felsite? 5 degrees to CA, trace pyrite as 1 – 2mm crystals.
84.12 – 84.15 white quartz vein, no visible sulphides.

107.0 –115.5 Trondhjemite unit becomes gray in colour and percentage of quartz eyes increases to 30%. Size increases to 5 mm size. Massive, minor fracture with chloritic slip planes @ 28 degrees to CA.

111.90 – 112.23 silicified zone, 50% quartz, trace pyrite.

115.5 - 126.0 Coarse grained Trondhjemite, 50% quartz eyes up to 8 mm in size, spotted appearance, possible alteration zone, massive, dark gray colour. 2 1cm. quartz veinlets, not mineralized.

126.0 - 165.6 Trondhjemite – light gray, siliceous, indistinct quartz eyes, 10% biotite, 40% feldspar (gray/green), 50% quartz, numerous micro fractures with black tourmaline/chlorite fracture filling., 1-2 mm width. Minor quartz/calcite. At 140 metres fractures are greatly reduced and trondhjemite is more massive with no change in composition. At 154 metres unit becomes finer grained with indistinct crystal outlines.

165.60 - 172.00 Trondhjemite – medium to coarse grained, very distinct quartz eyes. 30%, gray in colour.

157.1 – 157.77 breccia zone, well healed, 50% white quartz and 50% trondhjemite fragments., upper contact @ 49 degrees marked by 2 cm chlorite slip surface. Lower contact variable, trace pyrite.
159.27 - 159.29 white quartz, 30% trondhjemite clasts, upper contact @ 28 degrees.

172.0 – 379.00 Trondhjemite – medium grained, 20 – 30% gray quartz eyes, 10 – 15% biotite as 1- 3mm grains, minor changes in grain size without change in composition.

176.0 – 176.02 2 cm. quartz calcite vein @ 13 degrees to CA
178.76 – 178.78 2cm quartz calcite vein @ 12 degrees to CA
181.0 1 cm quartz vein
181.20 1 cm quartz vein
181.71 2 cm. quartz vein, 5 degrees to CA, 3% calcite.
185.66 – 185.69 3 cm quartz vein, 37 degrees to CA, trace pyrite
193.0 1 cm. quartz tourmaline vein.
216.0 2 cm. chloritic shear @ 37 degrees to CA. Trace pyrite, minor calcite
222.0 – 222.75 fracture zone, 8 1-2 cm quartz veinlets, trace py. po and sphalerite. @ 37 degrees to CA
227.94 1 cm. quartz vein @ 20 degrees
234.0 1 cm. quartz vein @ 30 degrees
234.48 1 cm. quartz vein @ 42 degrees
235.40 1 cm. quartz vein @ 37 degrees, trace tourmaline
239.0 1 cm. quartz vein @ 20 degrees
240.6 1 cm. quartz vein @ 37 degrees
245.7 – 245.73 3 cm. quartz vein, white, not mineralized.
248.55 – 248.71 quart-tourmaline vein, 4 cm within mafic sill (lamprophyre), fractured with tourmaline crystals, trace pyrite, @ 57 degrees
252.40 quartz-tourmaline vein, 2 cm., trace pyrite, @ 40 degrees
252.65 quartz-tourmaline vein @ 40 degrees
255.88 2 cm quartz vein @ 40 degrees
281.59 – 281.69 quartz vein, trace sphalerite, minor tourmaline
282.72 – 283.00 2 cm. quartz vein parallel to core axis.
287.0 – 287.02 2 cm quartz vein, trace sphalerite, @ 22 degrees.
297.50 1 cm quartz vein, 40% pyrite, @ 35 degrees.
304.67 – 304.76 quartz tourmaline vein @ 35 degrees.
326.20 2 cm quartz vein

locally minor weak hairline fractures with chloritic slips

331.1 – 331.2 quartz vein, brecciated, chlorite fracture filling @ 38 degrees
339.1 – 339.35 quartz vein, chlorite on contacts @ 26 degrees
340.32 – 340.36 quartz vein
351.70 – 352.30 breccia, 30% quartz, 70% trondhjemite @ 40 degrees.
370.0 – 370.02 2 cm. quartz vein, chloritic contacts @ 28 degrees

379.0 - 459.15 Coarse grained Trondhjemite, 40 % qray quartz eyes, 2 5 mm, 10 – 15% hornblende, 1 – 3 mm, 50% gray feldspar, massive, occasional speck of pyrite.

383.60 – 383.76 quartz vein, chloritic contacts @ 40 degrees
390.5 – 390.52 quartz-tourmaline vein, white quarts, contact @ 22 degrees.

Minor fracturing, core has tendency to break at 60 degrees although a foliation is not observed, fractures filled with tourmaline, chlorite and minor specks of pyrite.

424.14 – 424.50 quartz vein, brecciated, 80% white quartz, 5% chlorite, 15% trondhjemite. Contacts @ 35 degrees.

430.0 – 433.0 weak fracture zone, hairline fractures filled with black tourmaline @ 20 degrees.

439.0 – 439.02 2 cm shear, silicified, trace pyrite.

452.40 – 454.0 weakly fractured, minor quartz veinlets, quartz eyes are blue in colour.

459.15 E.O.H.

Core Storage Alan McCormicks Cabin
Km 10 south on Shoal Lake Road
Northing 5392196
Easting 15-0524975

DDH. QR 03-01 Box List

| Box | | | |
|---|---|---|---|
| | 1 | 2.32 | 6.65 |
| | 2 | 6.65 | 10.79 |
| | 3 | 10.79 | 15.32 |
| | 4 | 15.32 | 19.67 |
| | 5 | 19.67 | 24.15 |
| | 6 | 24.15 | 29.39 |
| | 7 | 29.39 | 32.60 |
| | 8 | 32.60 | 37.50 |
| | 9 | 37.50 | 40.15 |
| | 10 | 40.15 | 44.80 |
| | 11 | 44.80 | 49.15 |
| | 12 | 49.15 | 53.53 |
| | 13 | 53.53 | 58.85 |
| | 14 | 58.85 | 62.32 |
| | 15 | 62.32 | 66.60 |
| | 16 | 66.60 | 71.02 |
| | 17 | 71.02 | 75.28 |
| | 18 | 75.28 | 79.86 |
| | 19 | 79.86 | 84.45 |
| | 20 | 84.45 | 88.5 |
| | 21 | 88.50 | 92.96 |
| | 22 | 92.96 | 97.34 |
| | 23 | 97.34 | 101.58 |
| | 24 | 101.58 | 106.00 |
| | 25 | 106.00 | 110.32 |
| | 26 | 110.32 | 114.60 |
| | 27 | 114.60 | 119.00 |
| | 28 | 119.00 | 123.30 |
| | 29 | 123.30 | 127.60 |
| | 30 | 127.6 | 1342.1 |
| | 31 | 132.1 | 136.13 |
| | 32 | 136.13 | 140.6 |
| | 33 | 140.6 | 145.03 |
| | 34 | 145.03 | 149.37 |
| | 35 | 149.37 | 153.65 |
| | 36 | 153.65 | 157.93 |
| | 37 | 157.93 | 162.41 |
| | 38 | 162.41 | 166.66 |
| | 39 | 166.66 | 171.05 |
| | 40 | 171.05 | 175.50 |
| | 41 | 175.50 | 179.84 |
| | 42 | 179.84 | 184.23 |
| | 43 | 184.23 | 188.48 |
| | 44 | 188.48 | 192.90 |
| | 45 | 192.9 | 197.18 |
| | 46 | 197.18 | 201.58 |
| | 47 | 201.58 | 205.90 |
| | 48 | 205.90 | 210.35 |
| | 49 | 210.35 | 214.70 |
| | 50 | 214.70 | 219.02 |
| | 51 | 219.02 | 223.47 |
| | 52 | 223.47 | 227.84 |
| | 53 | 227.84 | 232.30 |
| | 54 | 232.84 | 236.65 |

| | | |
|---|---|---|
| 55 | 236.65 | 241.14 |
| 56 | 241.14 | 245.41 |
| 57 | 245.40 | 249.79 |
| 58 | 249.79 | 254.35 |
| 59 | 254.35 | 258.75 |
| 60 | 258.75 | 263.08 |
| 61 | 263.08 | 267.33 |
| 62 | 267.33 | 271.70 |
| 63 | 271.70 | 276.15 |
| 64 | 276.15 | 280.57 |
| 65 | 280.57 | 284.85 |
| 66 | 284.85 | 289.35 |
| 67 | 289.35 | 293.75 |
| 68 | 293.75 | 298.10 |
| 69 | 298.10 | 302.45 |
| 70 | 302.45 | 306.85 |
| 71 | 306.85 | 311.35 |
| 72 | 311.85 | 315.92 |
| 73 | 315.92 | 320.28 |
| 74 | 320.28 | 324.73 |
| 75 | 324.73 | 329.00 |
| 76 | 329.00 | 333.41 |
| 77 | 333.41 | 337.67 |
| 78 | 337.67 | 342.07 |
| 79 | 342.07 | 346.45 |
| 80 | 346.45 | 350.87 |
| 81 | 350.86 | 355.45 |
| 82 | 355.45 | 359.80 |
| 83 | 359.80 | 364.40 |
| 84 | 364.40 | 368.77 |
| 85 | 368.77 | 373.42 |
| 86 | 373.42 | 377.72 |
| 87 | 377.43 | 382.14 |
| 88 | 382.14 | 386.42 |
| 89 | 386.42 | 393.93 |
| 90 | 393.93 | 398.35 |
| 91 | 398.35 | 402.90 |
| 92 | 402.90 | 407.32 |
| 93 | 407.32 | 411.75 |
| 94 | 411.75 | 416.13 |
| 95 | 416.13 | 420.46 |
| 96 | 420.46 | 425.15 |
| 97 | 425.15 | 429.15 |
| 98 | 429.15 | 433.67 |
| 99 | 433.67 | 438.18 |
| 100 | 438.18 | 442.50 |
| 101 | 442.50 | 446.95 |
| 102 | 446.95 | 451.53 |
| 103 | 451.53 | 456.00 |
| 104 | 456.00 | 459.15 E.O.H. |


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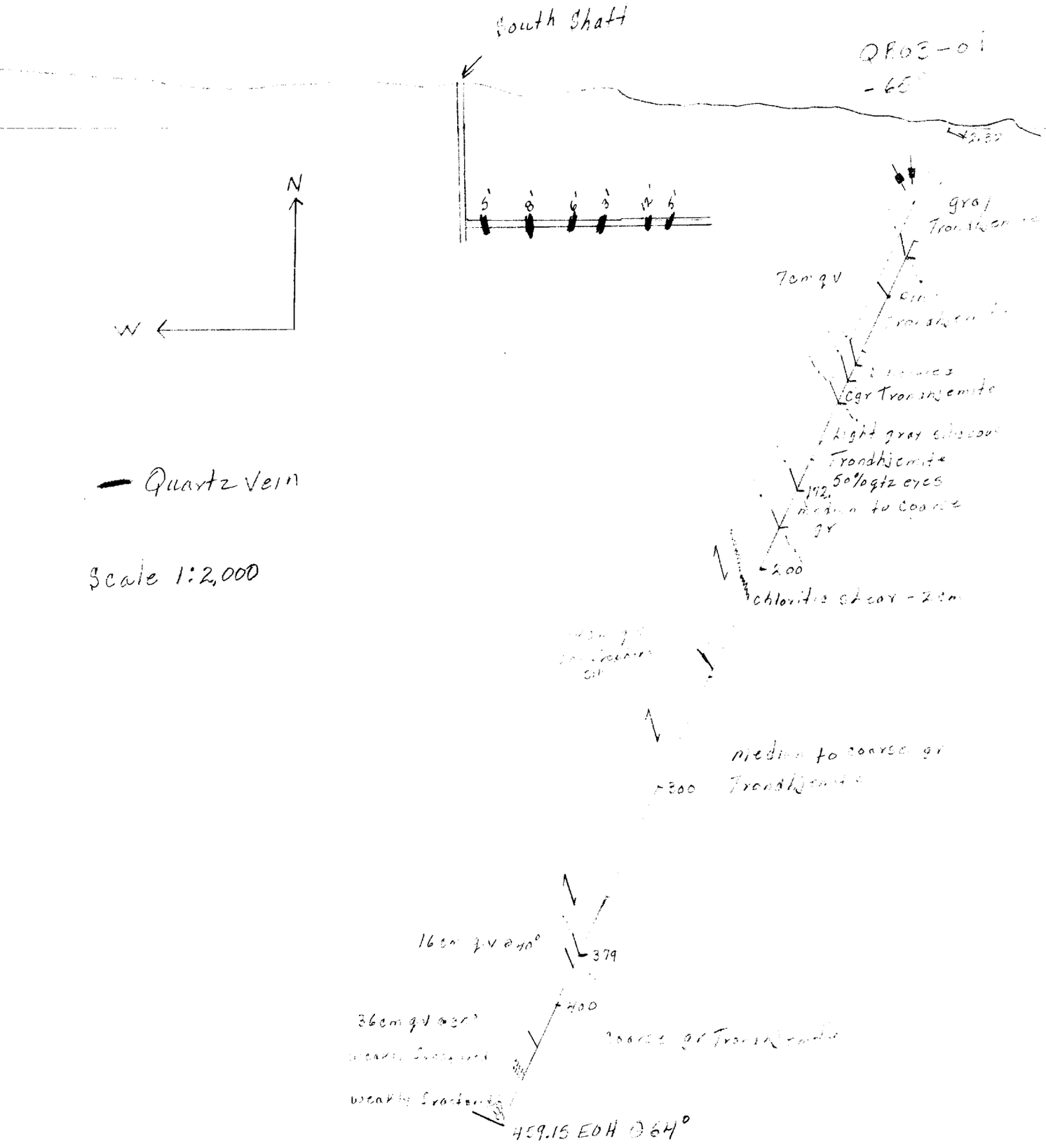



— Quartz Vein

Scale 1:2,000

# Work Report Summary

**Transaction No:** W0410.00047 **Status:** APPROVED
**Recording Date:** 2004-JAN-09 **Work Done from:** 2003-DEC-01
**Approval Date:** 2004-JAN-22 **to:** 2003-DEC-24

**Client(s):**

120142 CONE, RUSSEL C
303633 HEXAGON GOLD (ONTARIO) LTD.

**Survey Type(s):**

PDRILL

**Work Report Details:**

| Claim# | Perform | Perform Approve | Applied | Applied Approve | Assign | Assign Approve | Reserve | Reserve Approve | Due Date |
|---|---|---|---|---|---|---|---|---|---|
| G 1010020 | $52,020 | $52,020 | $0 | $0 | $43,200 | 43,200 | $8,820 | $8,820 | |
| K 1025127 | $0 | $0 | $400 | $400 | $0 | 0 | $0 | $0 | 2005-JAN-15 |
| K 1025128 | $0 | $0 | $400 | $400 | $0 | 0 | $0 | $0 | 2005-JAN-15 |
| K 1249401 | $0 | $0 | $4,800 | $4,800 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249402 | $0 | $0 | $4,800 | $4,800 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249421 | $0 | $0 | $4,800 | $4,800 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249422 | $0 | $0 | $1,600 | $1,600 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249423 | $0 | $0 | $4,800 | $4,800 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249424 | $0 | $0 | $2,800 | $2,800 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249425 | $0 | $0 | $4,000 | $4,000 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249426 | $0 | $0 | $2,000 | $2,000 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249427 | $0 | $0 | $3,600 | $3,600 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249428 | $0 | $0 | $1,200 | $1,200 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249429 | $0 | $0 | $4,400 | $4,400 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249430 | $0 | $0 | $2,800 | $2,800 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249431 | $0 | $0 | $400 | $400 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| K 1249434 | $0 | $0 | $400 | $400 | $0 | 0 | $0 | $0 | 2005-JAN-17 |
| | $52,020 | $52,020 | $43,200 | $43,200 | $43,200 | $43,200 | $8,820 | $8,820 | |

**External Credits:** $0

**Reserve:**

$8,820 Reserve of Work Report#: W0410.00047

$8,820 Total Remaining

Status of claim is based on information currently on record.

52C10NE2008 2.26966 BAD VERMILION LAKE 900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Date: 2004-JAN-23

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

Tel: (888) 415-9845
Fax:(877) 670-1555

HEXAGON GOLD (ONTARIO) LTD.
1215 SECOND STREET EAST
FORT FRANCES, ONTARIO
P9A 1P5 CANADA

**Submission Number:** 2.26966
**Transaction Number(s):** W0410.00047

Dear Sir or Madam

**Subject: Approval of Assessment Work**

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

Ron C Gashinski.

Ron C. Gashinski
Senior Manager, Mining Lands Section

**Cc:** Resident Geologist

John Allan Bolen
(Agent)

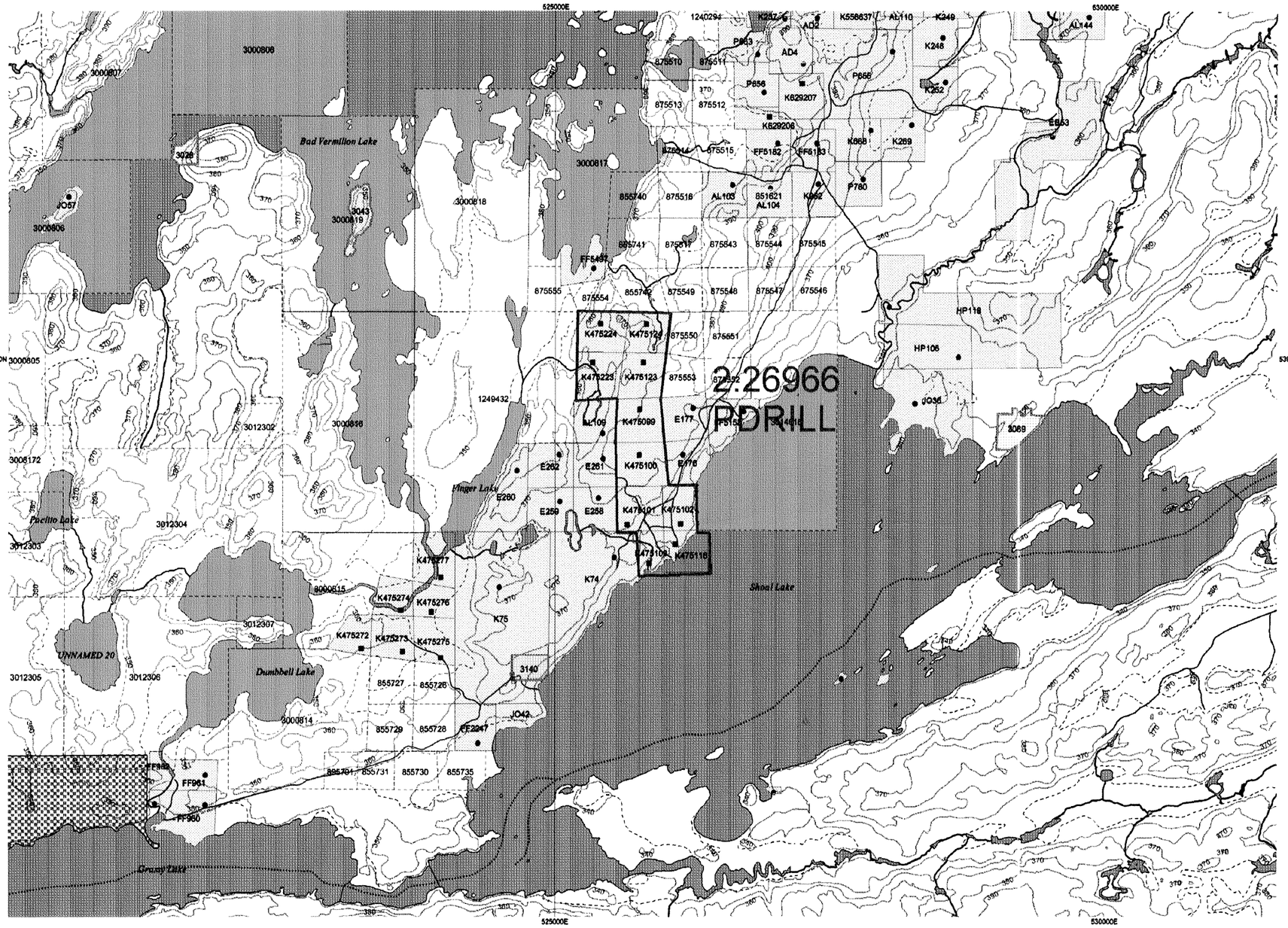
Hexagon Gold (Ontario) Ltd.
(Claim Holder)

Assessment File Library

Russel C Cone
(Claim Holder)

Hexagon Gold (Ontario) Ltd.
(Assessment Office)

52C10NE2008 2.26966 BAD VERMILION LAKE 200




UTM Zone 15
5000m grid

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

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

### General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 5778
Fax: 1 (877) 670-1444

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES
PROVINCIAL MINING RECORDER'S OFFICE

# Mining Land Tenure Map

Date / Time of Issue: Fri Jan 23 09:45:50 EST 2004

**TOWNSHIP / AREA**
**BAD VERMILION L**

**PLAN**
**G-2665**

## ADMINISTRATIVE DISTRICTS / DIVISIONS

| | |
|---|---|
| Mining Division | Kenora |
| Land Titles/Registry Division | RAINY RIVER |
| Ministry of Natural Resources District | FORT FRANCES |

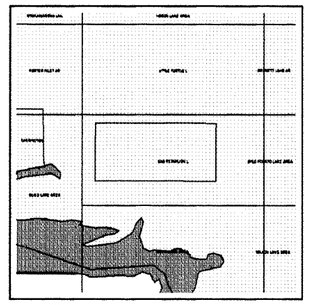
TOPOGRAPHIC
- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation
- Uses Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- Land Use Permit
- Order In Council (Not open for staking)
- Water Power Lease Agreement
- Mining Claim
- Filed Only Mining Claims



### LAND TENURE WITHDRAWALS

1234 Areas Withdrawn from Disposition

Mining Acts Withdrawal Types
- Wsm Surface And Mining Rights Withdrawn
- Ws Surface Rights Only Withdrawn
- Wm Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- W*sm Surface And Mining Rights Withdrawn
- W*s Surface Rights Only Withdrawn
- W*m Mining Rights Only Withdrawn

Ns IMPORTANT NOTICES

Scale 1:40000
700m 0m 2.1km

## LAND TENURE WITHDRAWAL DESCRIPTIONS

| Identifier | Type | Date | Description |
|---|---|---|---|
| 2944 | Wsm | Jan 1, 2001 | PUBLIC LANDS ACT 7/7/67 S.R.O. 163472 |
| 3028 | Wsm | Jan 1, 2001 | S.R.O. RES. FILE 163472 |
| 3043 | Wsm | Jan 1, 2001 | S.R.O. RES. FILE 163472 |
| 3089 | Wsm | Jan 1, 2001 | BELL CITY REG. PL. M - 59 FILE 13715 |
| 3140 | Wsm | Jan 1, 2001 | HISTORICAL RESERVE |
| W.88/77 | Ws | Jan 1, 2001 | W.88/77 14/11/77 S.R.O. 3581 |
| W20/85 | Wsm | Nov 19, 1985 | W20/85 19/11/85 S&MR |