



500 Km



Source: National Topographic Data Base - GeoGratis
OGS MRD 126

PLATINEX Shining Tree Project
The Quest for a Greener Planet

GENERAL LOCATION MAP

Drawn by: IST

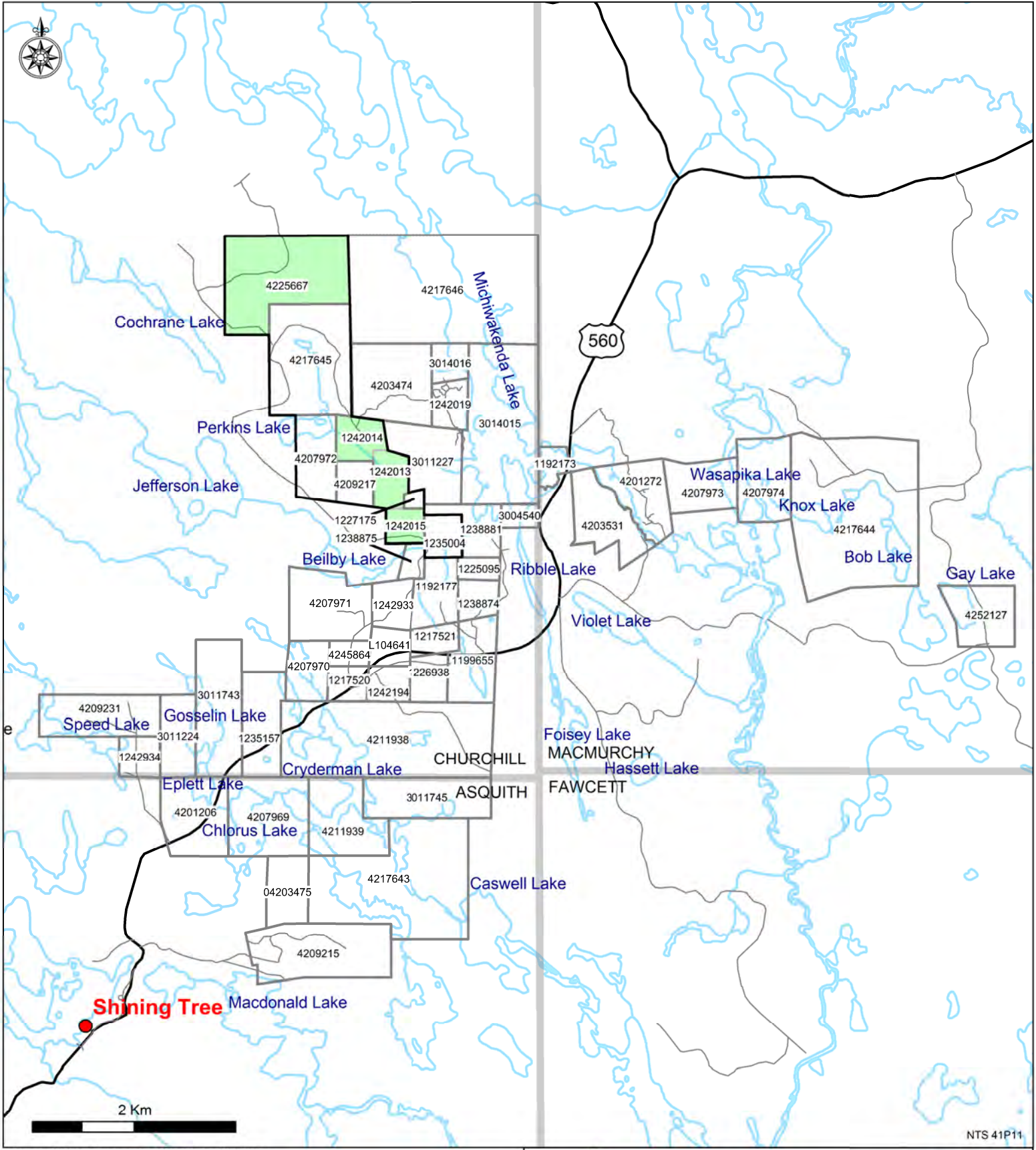
Checked by: JRT

Scale: 1:9,000,000

Date: June 2012

I.D.:STloc9m040612

FIGURE 1



NTS 41P11

Source: National Topographic Data Base - GeoGratis

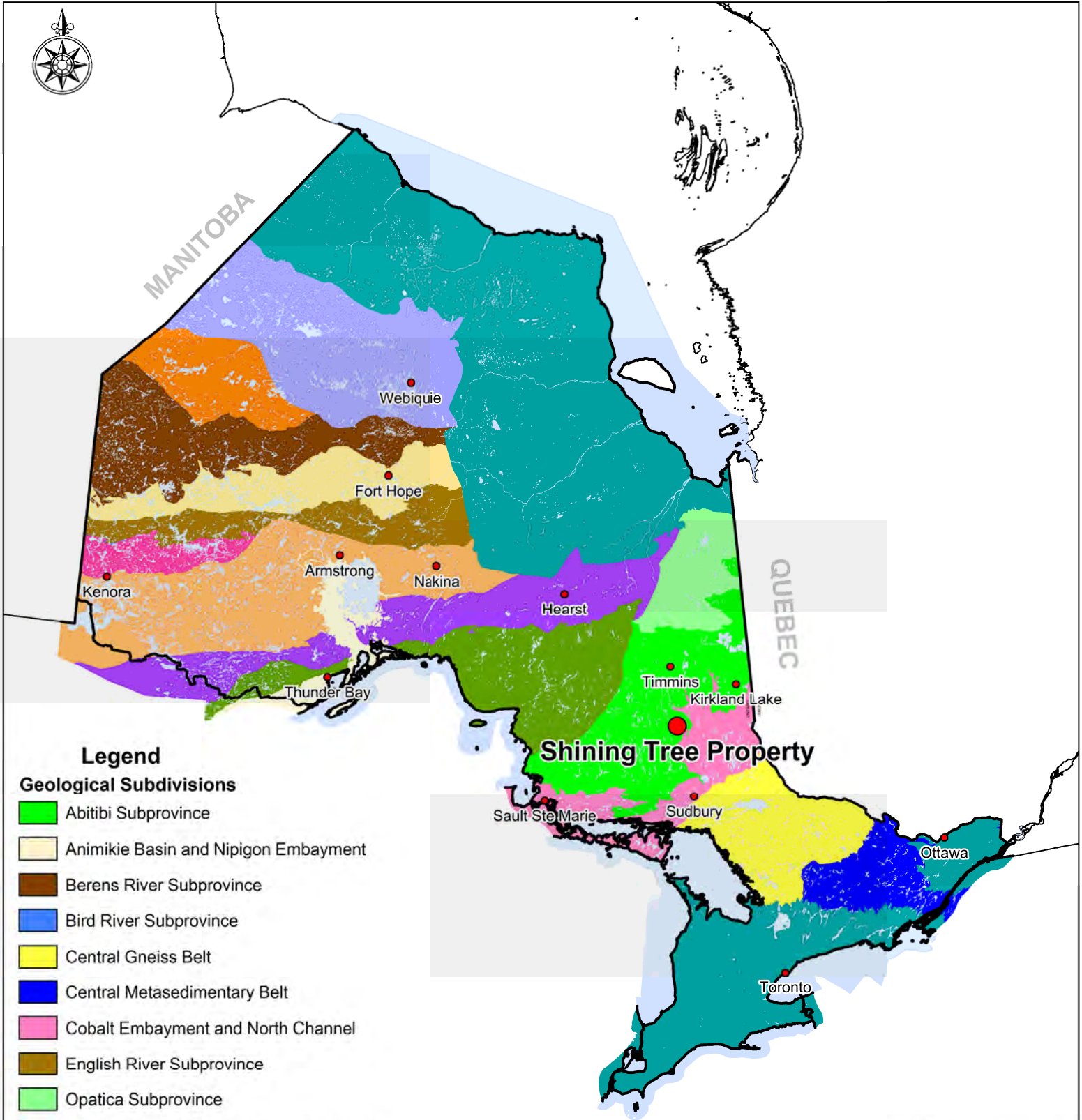
Symbol

- Shining Tree Property
- Creso Exploration Claims
- Townships
- Joint Venture Boundary
- Primary Roads
- Bush Roads and Former Roads

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CLAIM MAP

Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.:STcl50k040612	FIGURE 2



Legend

Geological Subdivisions

- Abitibi Subprovince
- Animikie Basin and Nipigon Embayment
- Berens River Subprovince
- Bird River Subprovince
- Central Gneiss Belt
- Central Metasedimentary Belt
- Cobalt Embayment and North Channel
- English River Subprovince
- Opatoca Subprovince
- Paleozoic and Mesozoic Basin Sequences
- Quetico Subprovince
- Oxford-Stull Domain
- Uchi Subprovince
- Wabigoon Subprovince
- Wawa Subprovince
- Winnipeg River Subprovince
- Island Lake Domain

Shining Tree Property

250 Km

Source: OGS MRD 100, G.M. Stott et al 2010

<b style="font-size: 1.2em; margin-left: 10px;">Shining Tree Project		
GEOLOGICAL SUBDIVISIONS OF ONTARIO		
Drawn by: IST	Checked by: JRT	Scale: 1:9,000,000
Date: June 2012	I.D.:STsub9m070612	FIGURE 3

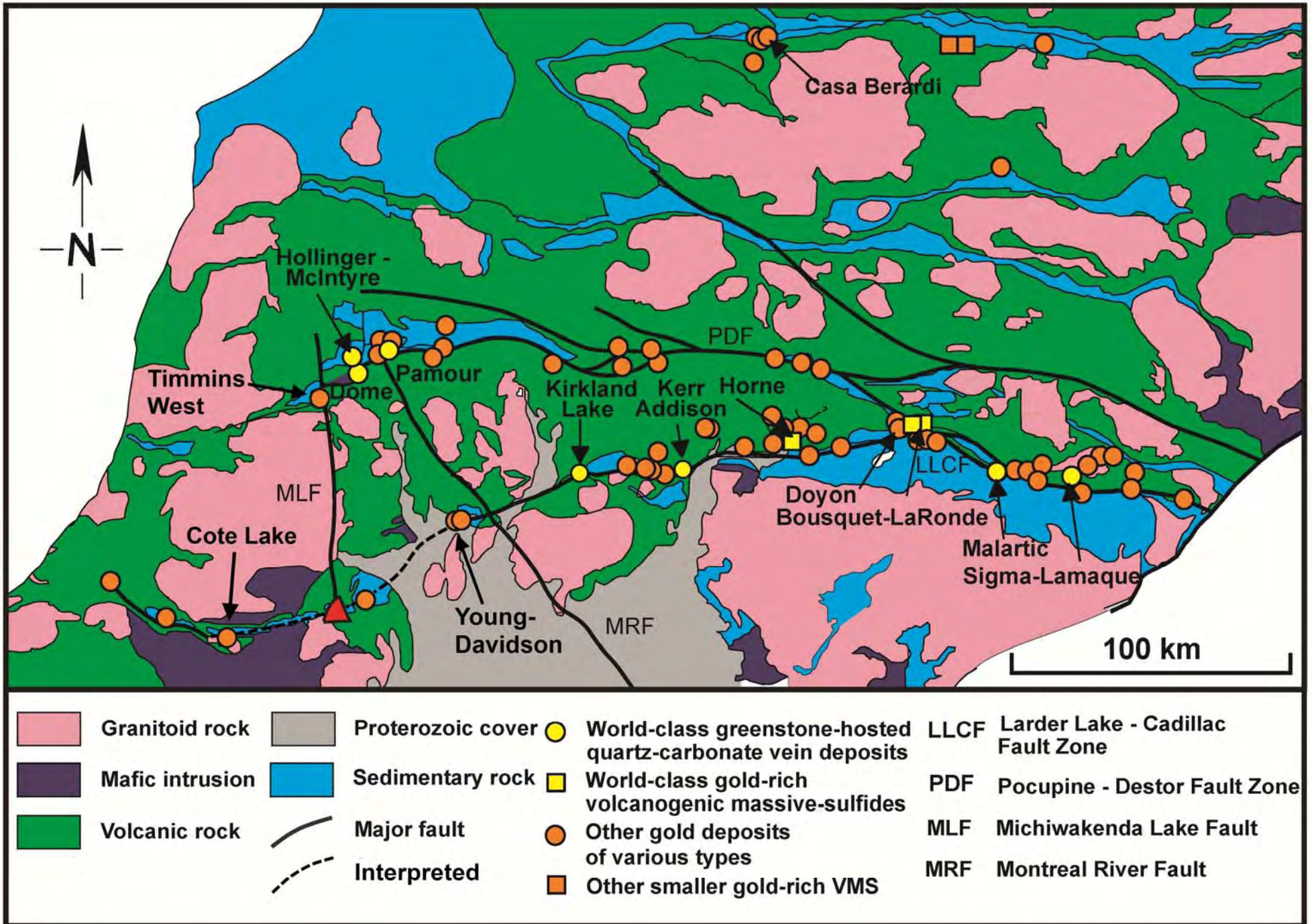

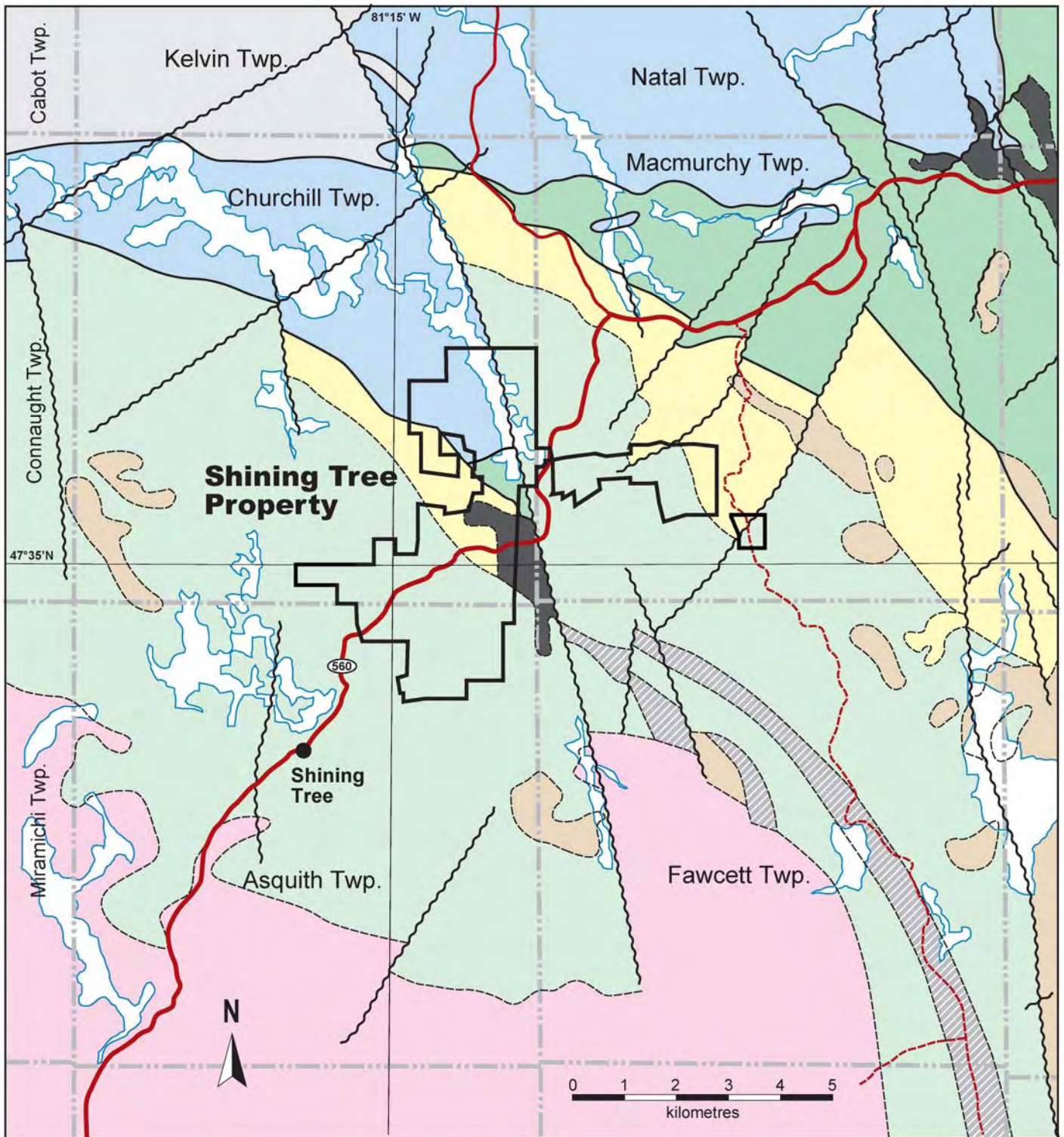


Figure 4

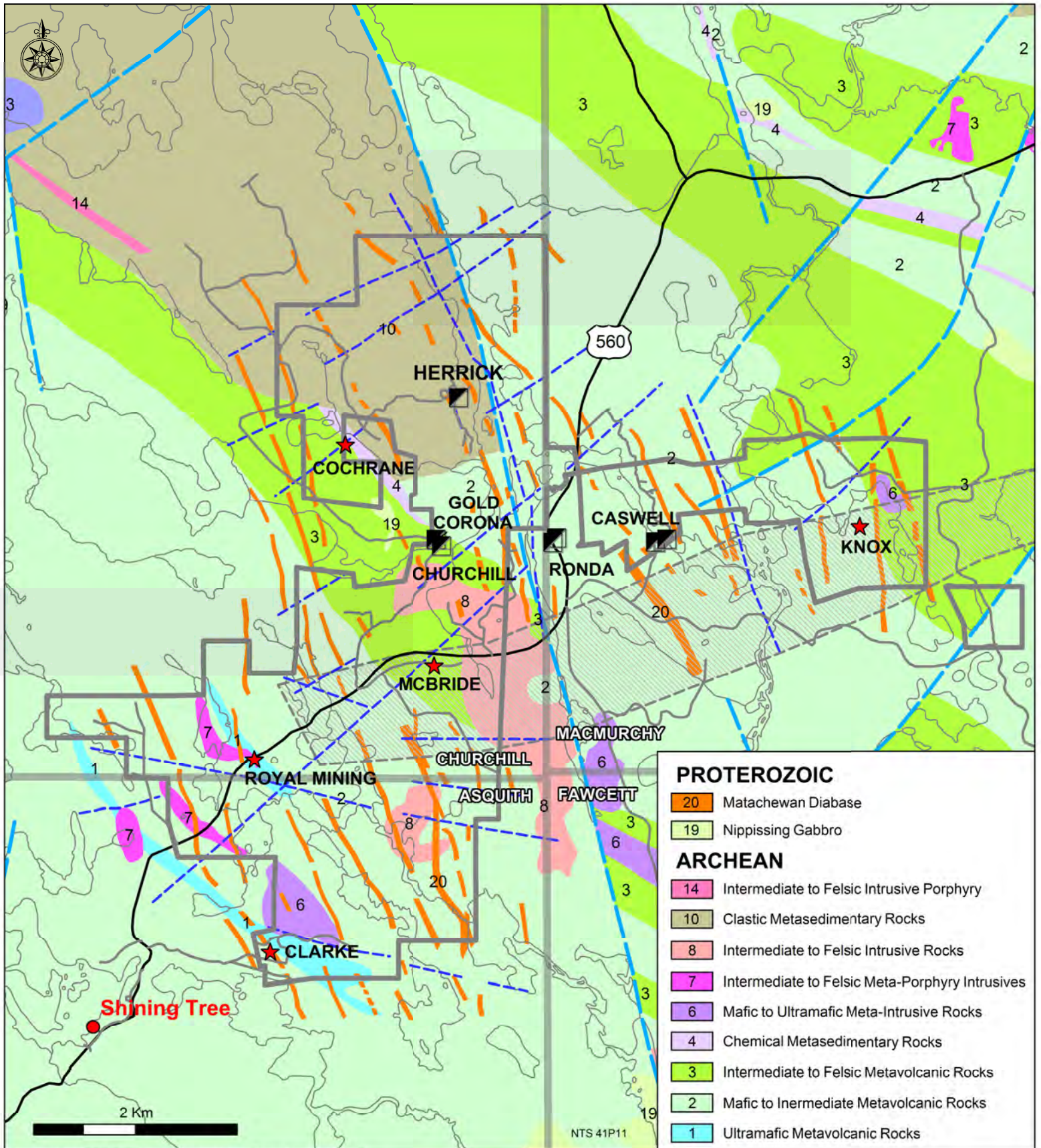
Simplified Geological Map of the Abitibi Greenstone Belt Showing Distribution of Major Fault Zones and Gold Deposits (after Dube and Gosselin, 2005; Poulsen et al, 2000).  Platinex Shining Tree Gold Property



June 2012

Figure 5: **Lithostratigraphic Assemblages of the Shining Tree Area**
 (after Oliver et al, 1999b, Figure 6.1)

- | | |
|-----------------------------------------|------------------------------------|
| Proterozoic Rocks | Tisdale Assemblage (2,707.5 Ma) |
| <i>Intrusive contact / unconformity</i> | Kidd-Munro Assemblage (2,716.7 Ma) |
| Timiskaming Age Intrusive Rocks | Deloro Assemblage (2,726.5 Ma) |
| <i>Intrusive contact</i> | Pacaud Assemblage (2,741 Ma) |
| Timiskaming Assemblage (2,687 Ma) | Fawcett igneous structure |
| <i>Unconformity</i> | Fault |
| Keewatin Intrusive Rocks | Interpreted contact |
| <i>Intrusive contact</i> | Assemblage boundary |

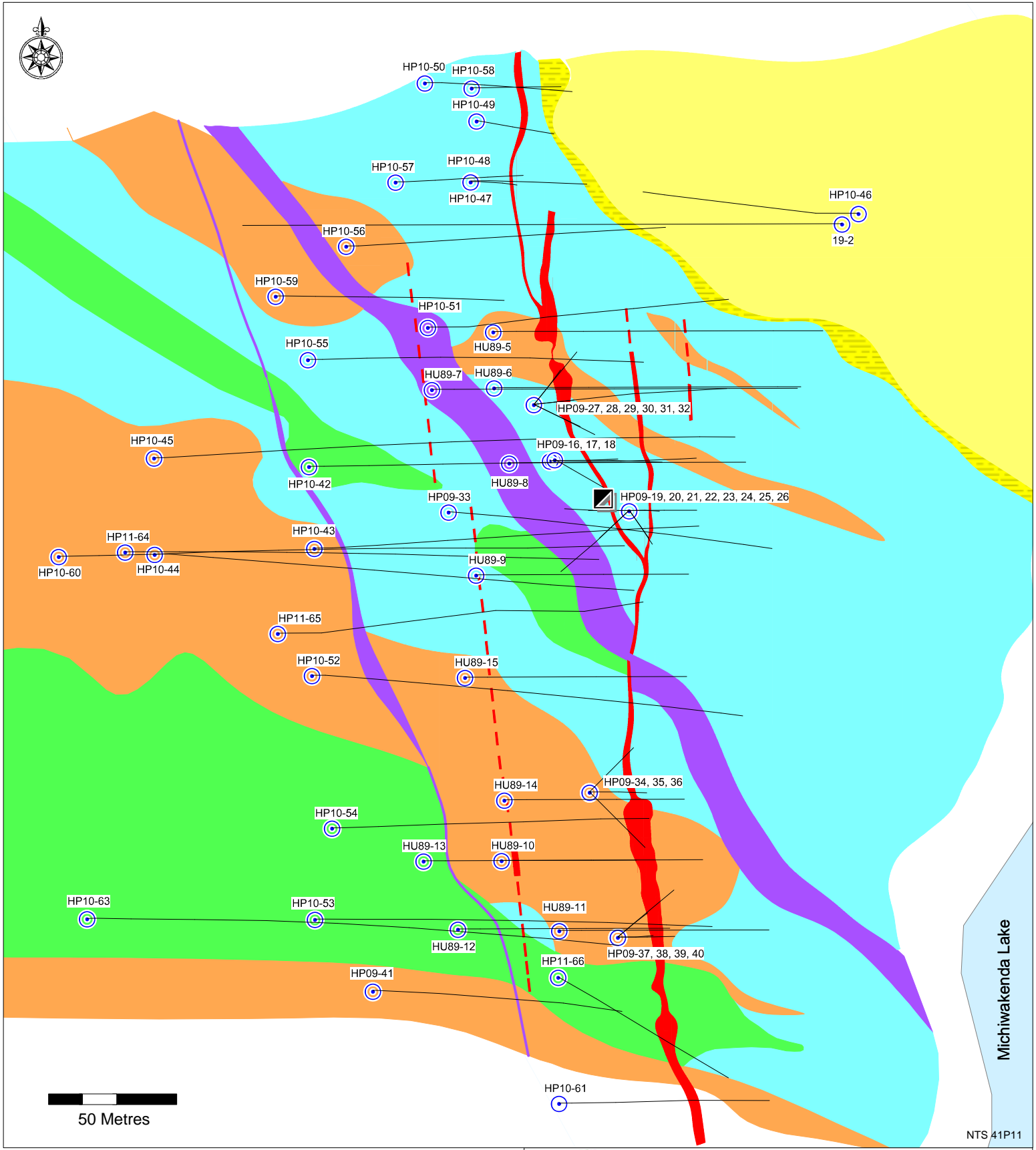


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Shining Tree Project


GEOLOGY

Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.:STgr150k040612	FIGURE 6



Source: M.Spaho, after G.R.Cluff 1989.

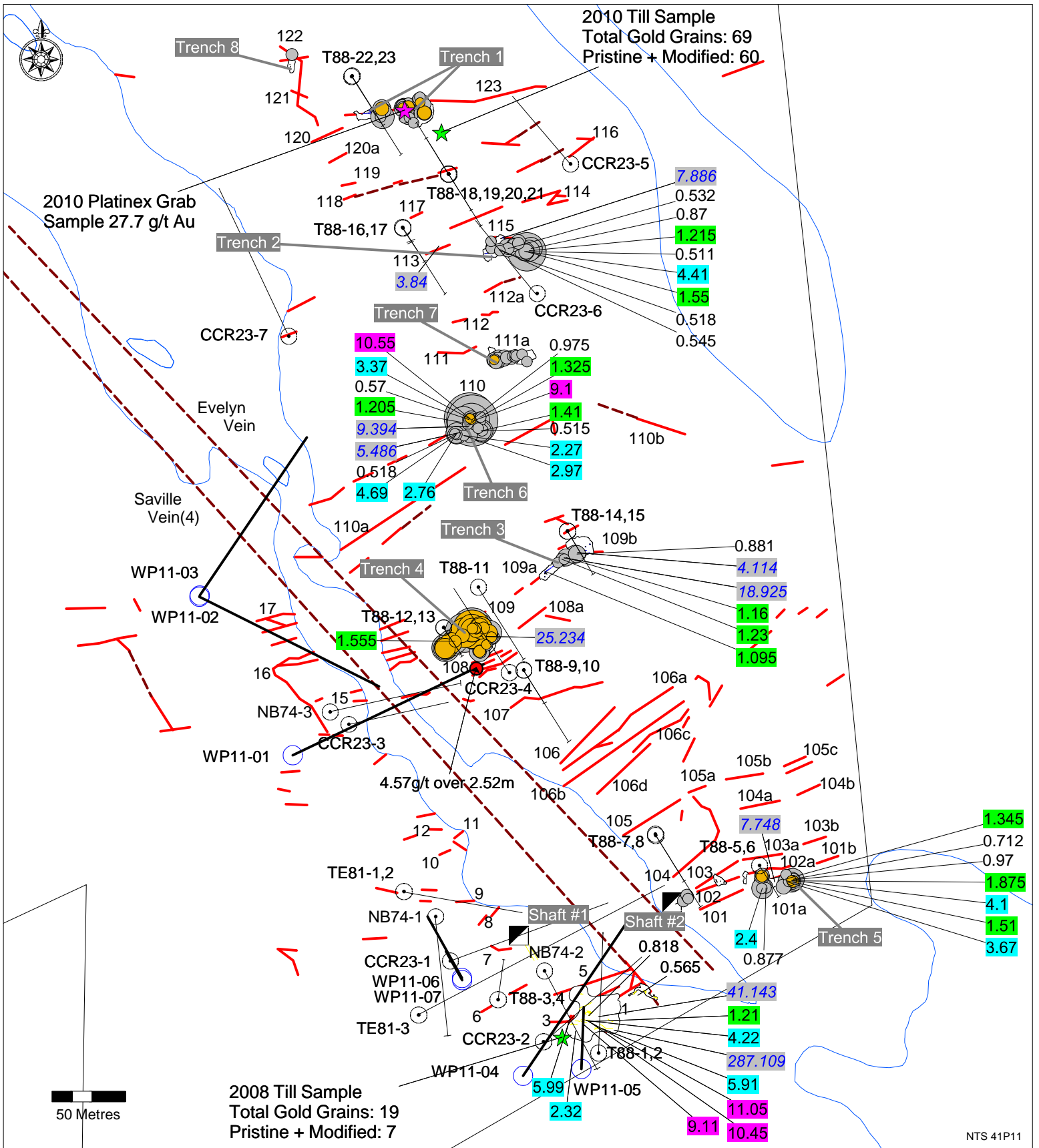
Symbol	
	Diabase
	Trachyte
	Greywacke
	Polymictic Conglomerate
	Volcanic Breccia
	Lapilli Tuff
	Mineralized Zone (At Surface)
	Mineralized Zone (In Drill Holes)
	Herrick Shaft
	Diamond Drill Holes



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HERRICK GEOLOGY AND DRILL HOLE LOCATIONS

Drawn by: IST	Checked by: JRT	Scale: 1:2,000
Date: June 2012	I.D.:STher2k060612	FIGURE 7



Map objects scale and location are approximate

Symbol

- Veins (1-17/101-123)
- - - Inferred Veins
- Caswell Shafts
- Silver (Ag 0.1 - 2.15 g/t)
- Tellurium (Te 0.1 - 1.1ppm)
- Chesbar Grab Samples c1987 (Au g/t)
- Channel Samples (Au g/t) West side 2008, East side 2010
- Drill Holes
- 2011 DDH (WP11)

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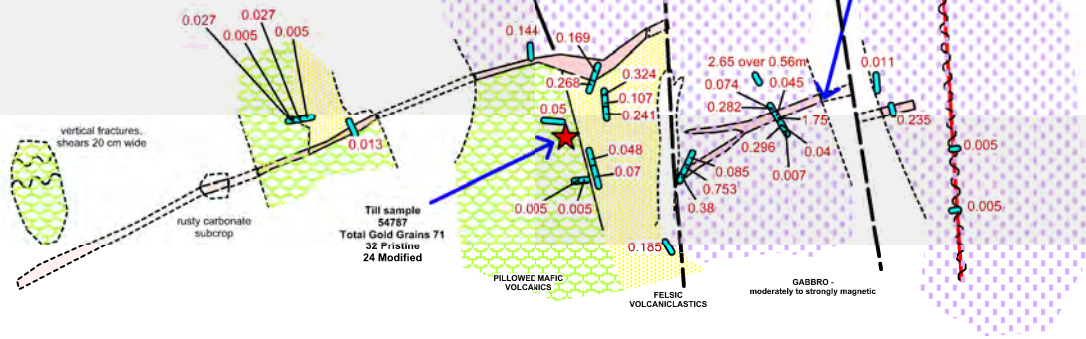
CASWELL PROSPECT HIGHLIGHTS

Drawn by: IST	Checked by: JRT	Scale: 1:3,500
Date: June 2012	I.D.:STcas3.5k070612	FIGURE 8



North-south joint set often forms 1.5 cm "ladder" veinlets in gold-bearing zone

Shear or alteration zone generally 0.5 to 1.0 metres wide, dips steeply south with strike ranging from 60 to 80 degrees silica, feldspar, (albitization?), carbonate, disseminated pyrite, hematite



BP12-02
Depth 200m
EOH

175
150
125
100
75
50

20 Metres



NTS 41P11

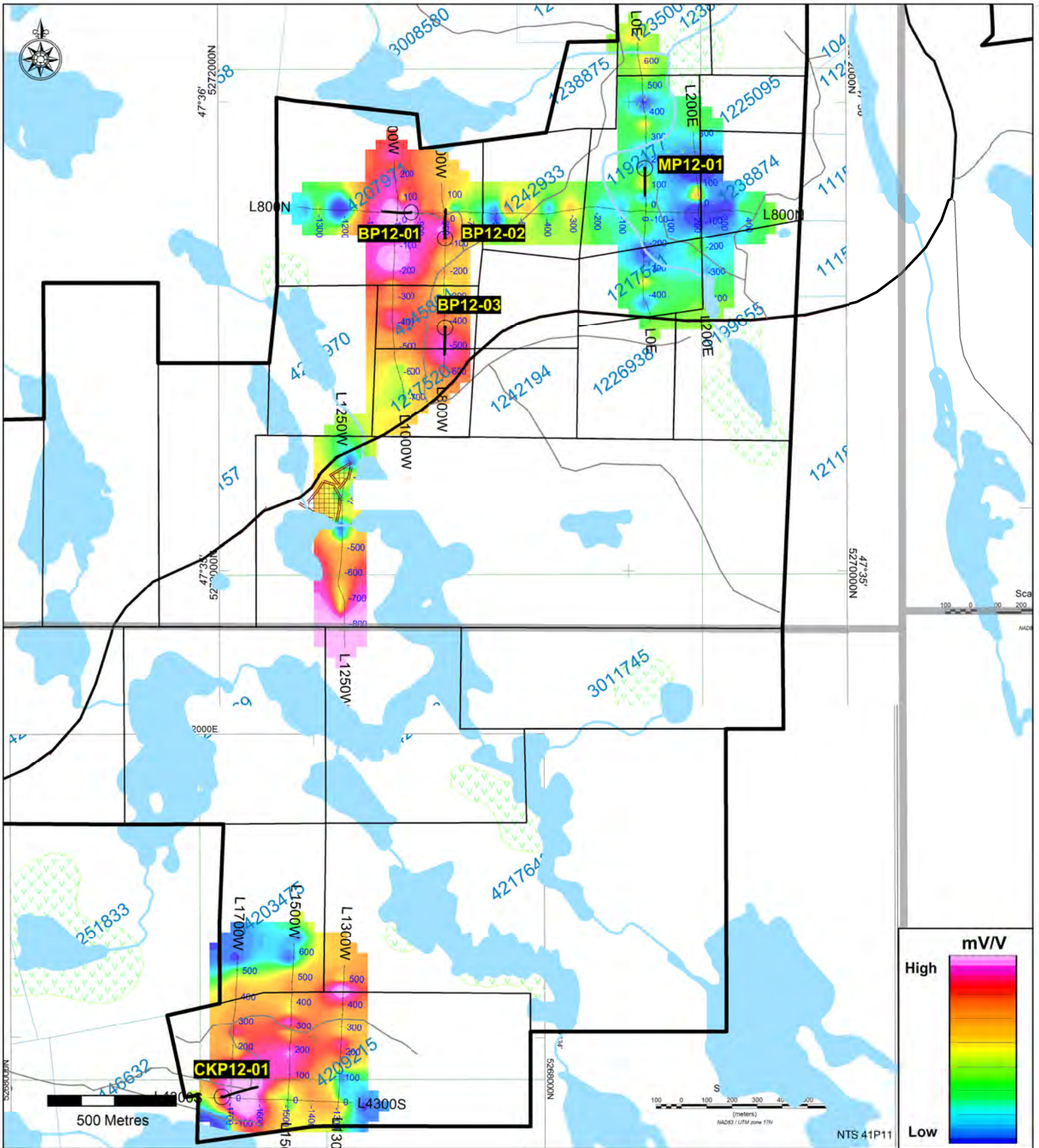
Symbol

-  Pillowed Mafic Volcanics
-  Felsic Volcaniclastics
-  Gabbro
-  Channel Sample

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BEILBY LAKE SHOWING

Drawn by: IST	Checked by: JRT	Scale: 1:500
Date: June 2012	I.D.:STbil5h070612	FIGURE 9

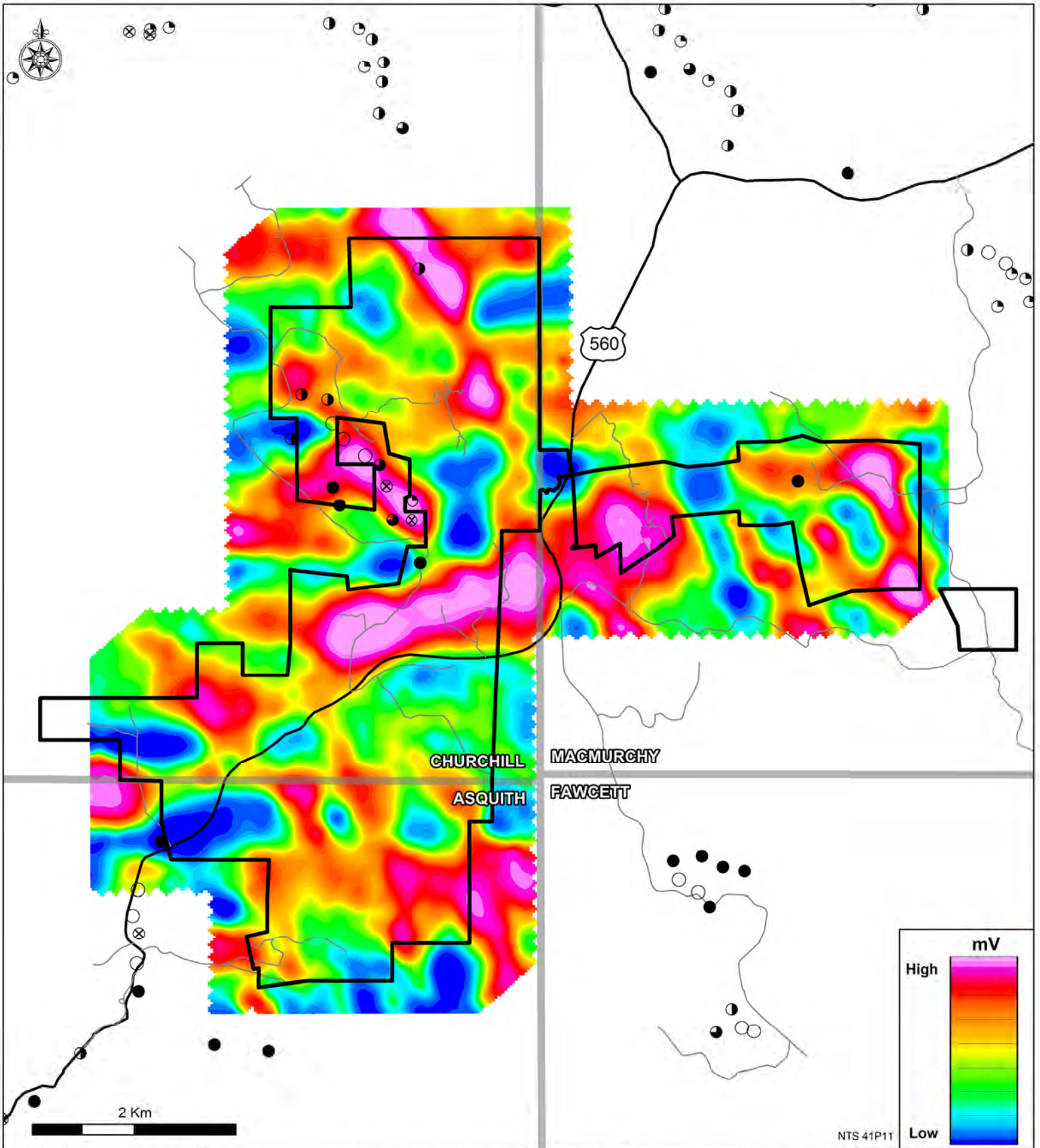


- Symbol**
- Shining Tree Property
 - Townships
 - Primary Roads
 - Bush Roads and Former Roads

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**PRELIMINARY IP SURVEY PLANS
 CHARGEABILITY N=4**

Drawn by: IST	Checked by: JRT	Scale: 1:20,000
Date: June 2012	I.D.:STchg20k070612	FIGURE 10



Source: OGS Geophysical Data Sets 1003.

- Symbol**
- Shining Tree Property
 - Townships
 - Primary Roads
 - Bush Roads and Former Roads

Electromagnetic Decay Constant Classification

- > 3,000 microseconds
- 2,000 to 3,000
- 1,000 to 2,000
- 500 to 1,000
- 250 to 500
- 0 to 250

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XDS ORTHO AND EM ANOMALIES

Drawn by: IST

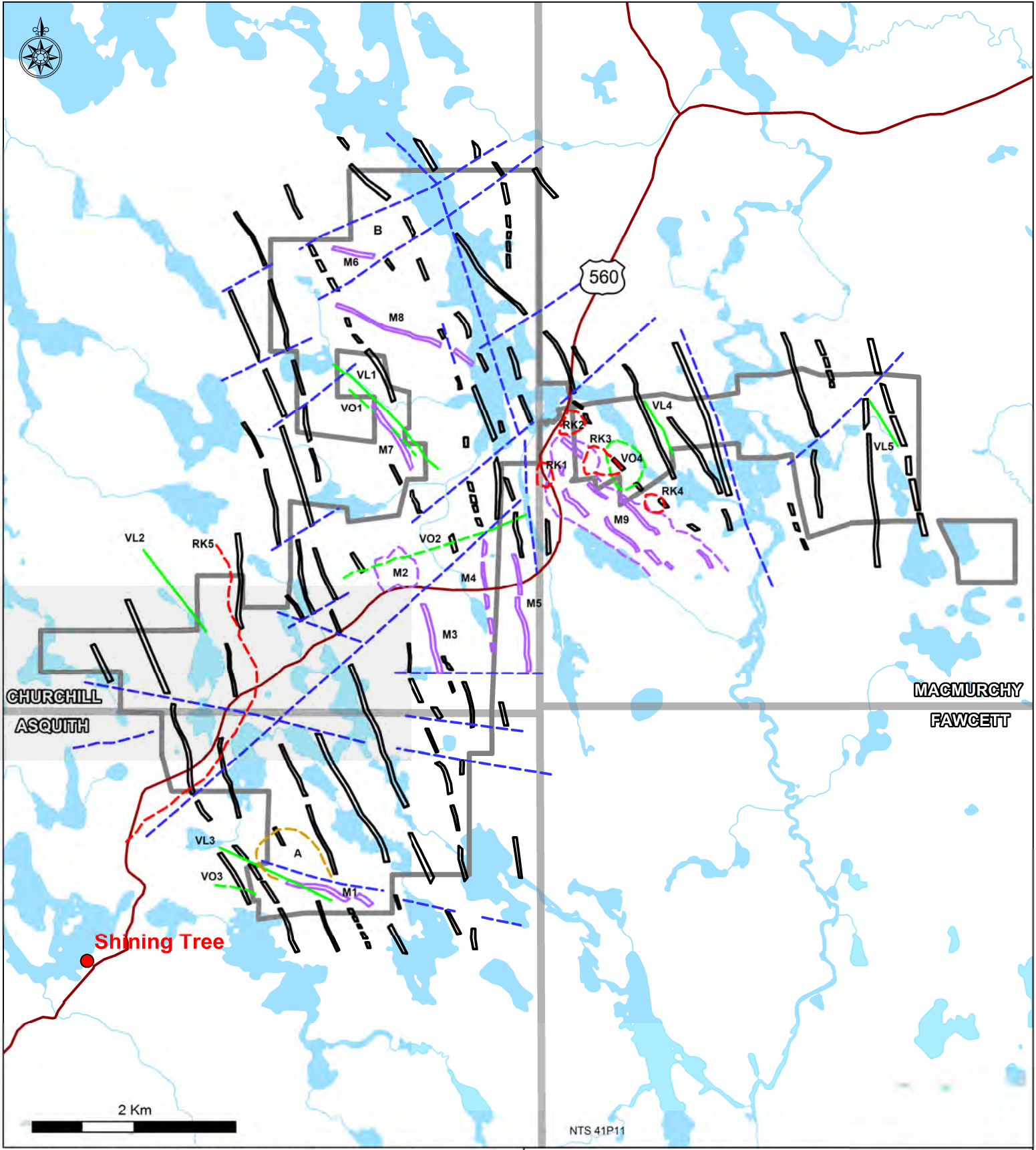
Checked by: JRT

Scale: 1:50,000

Date: June 2012

I.D.:STort50k060612

FIGURE 12



Source: Geophysical Interpretation by Z. Dvorak, Independent Geophysical Consultant

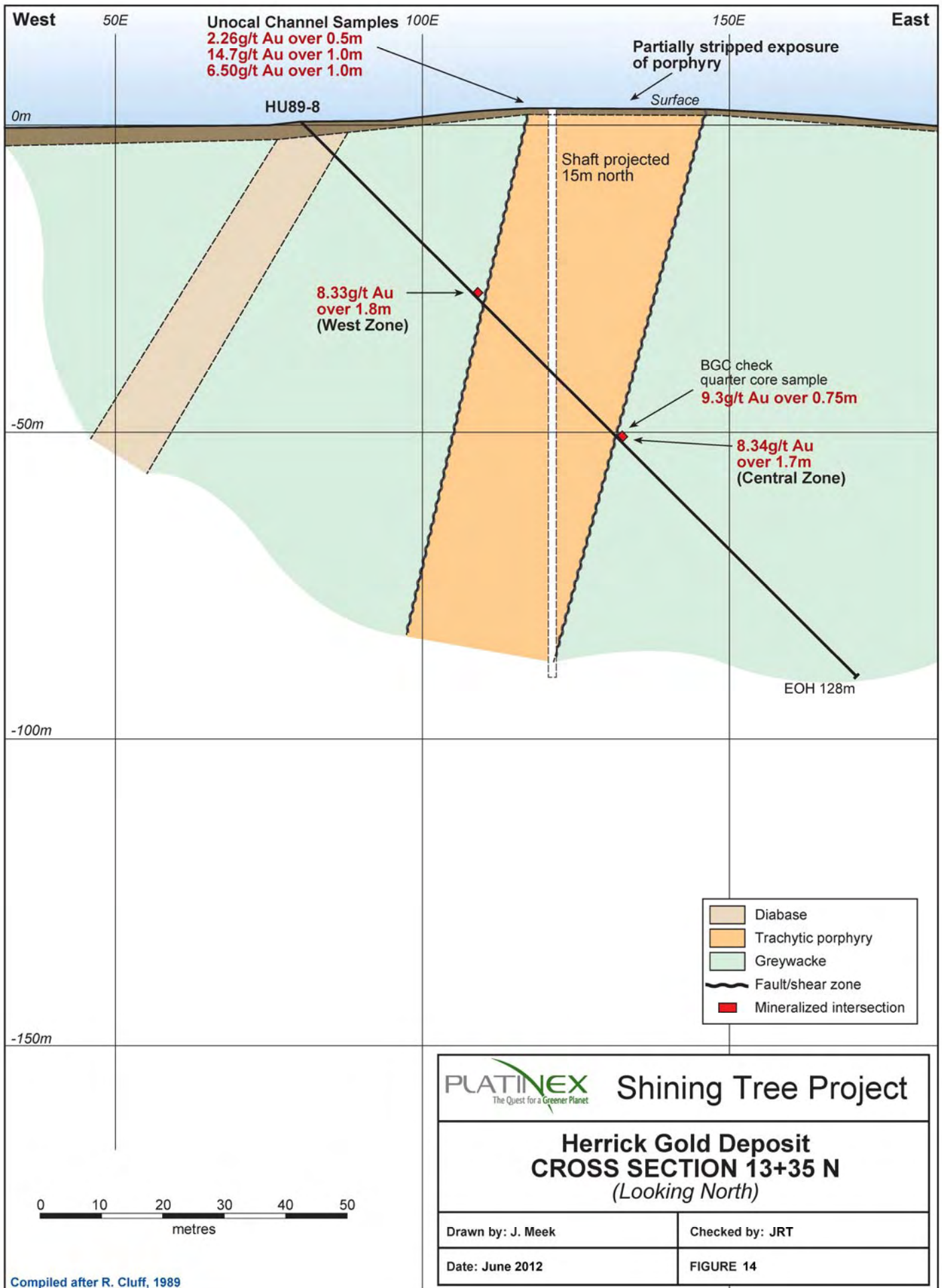
- Shining Tree Property
- Townships
- Primary Roads
- Dykes
- A. Magnetic low outline of intrusive
- B. Triangular magnetic high area
- VO1 - VO4 VLF-EM ortho anomalies
- VL1 - VL5 VLF-EM line anomalies
- Faults or fractures interpreted from magnetic pattern
- M1 - M9 Magnetic anomalies
- RK1 - RK5 Radiometric (potassium) anomalies

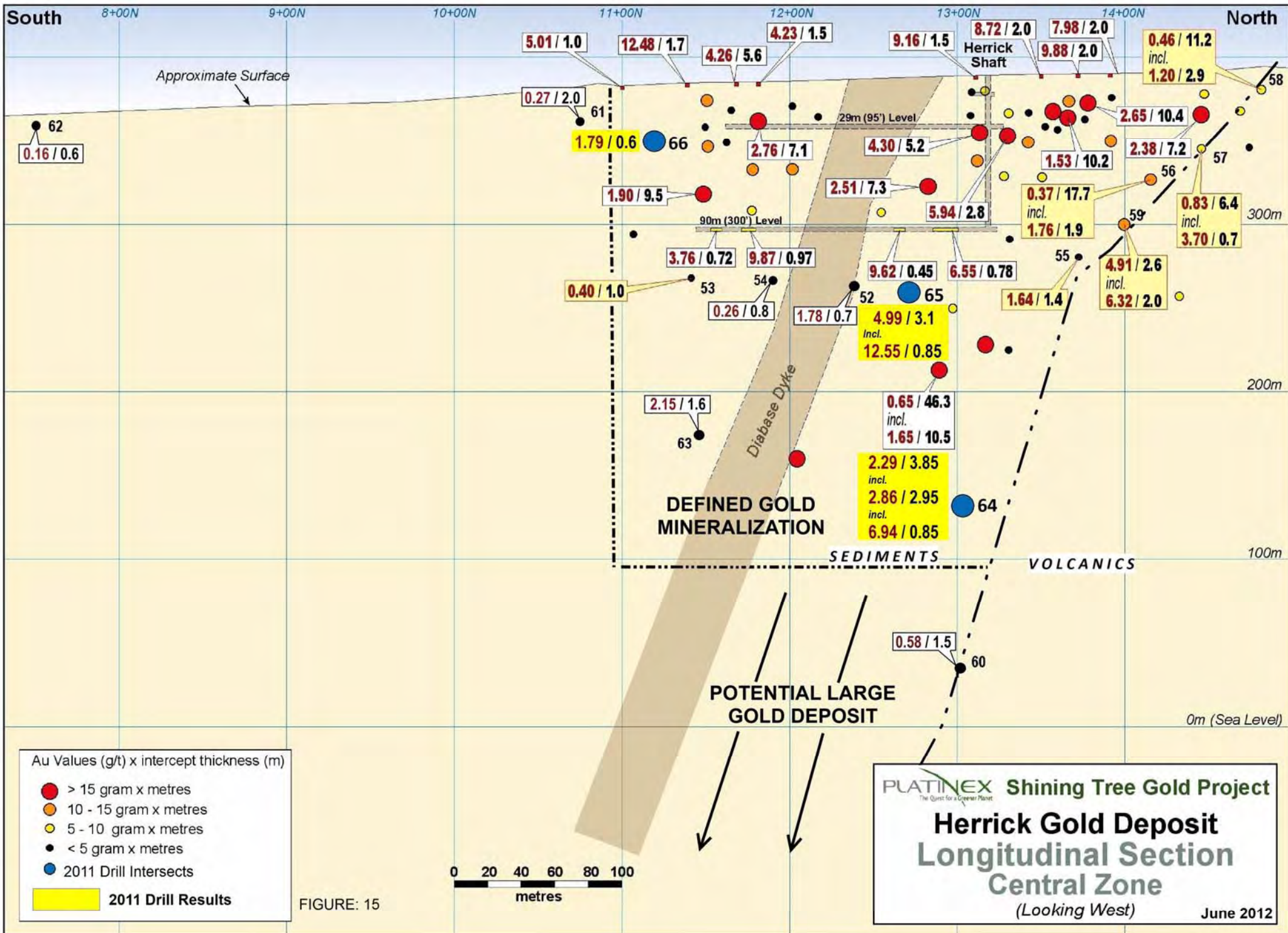


Shining Tree Project

INTERPRETATION OF GEOPHYSICAL SURVEY RESULTS

Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.:STint50k060612	FIGURE 13








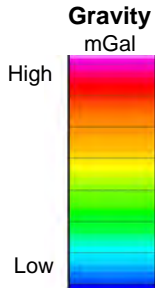
Relation of Gold in Till to Major Gold Deposits

Shining Tree Project

Source: MNDMF GDS 1036, Various Reports

 Gold Mine/Deposit
 Gold Grains In Till

 200 and up
 100
 20



Cut off: 10 gold grains per 10kg sample
 Based on 3988 till samples within 66,000sq km
 (NTS 41O, 41P, 42A, 42B)

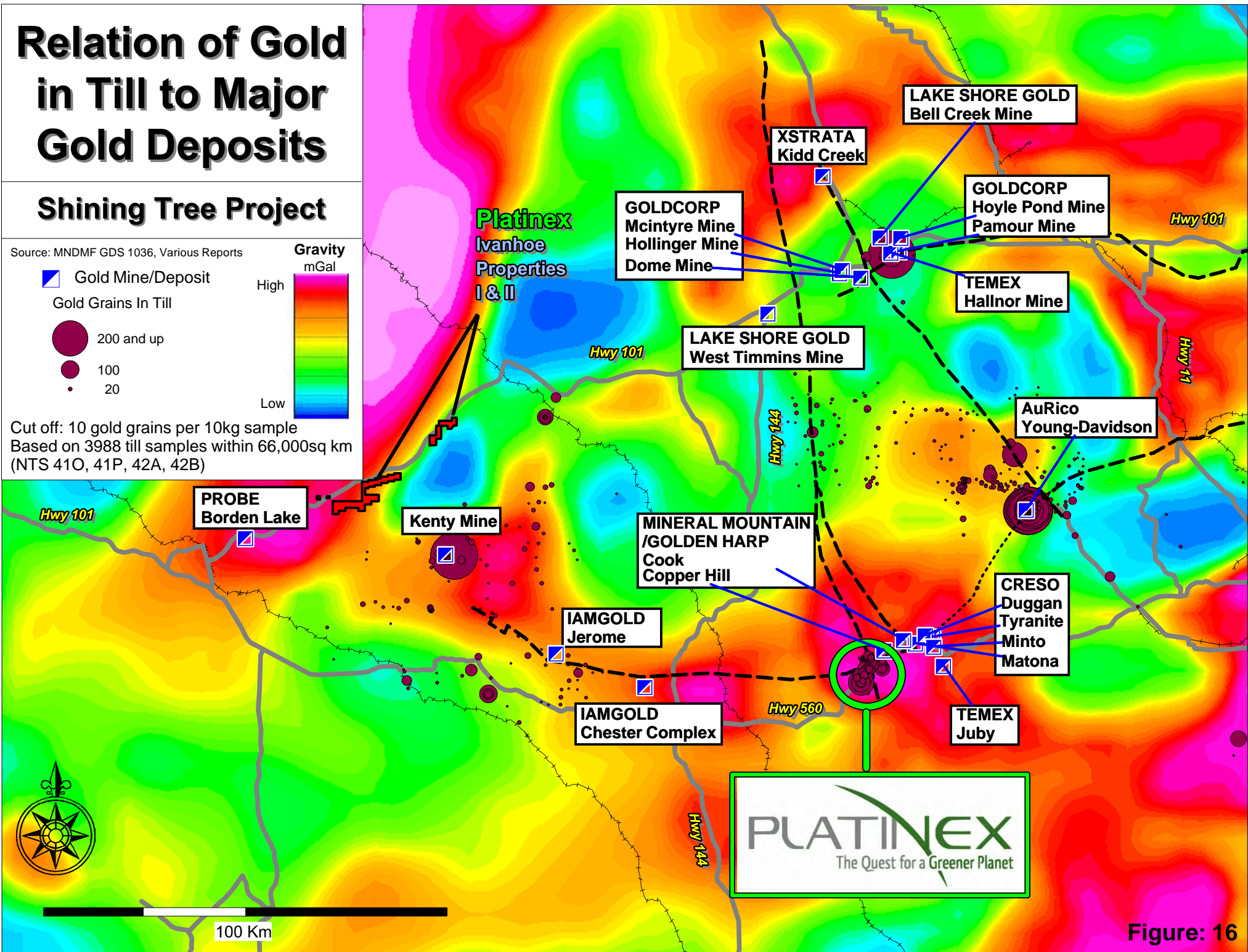
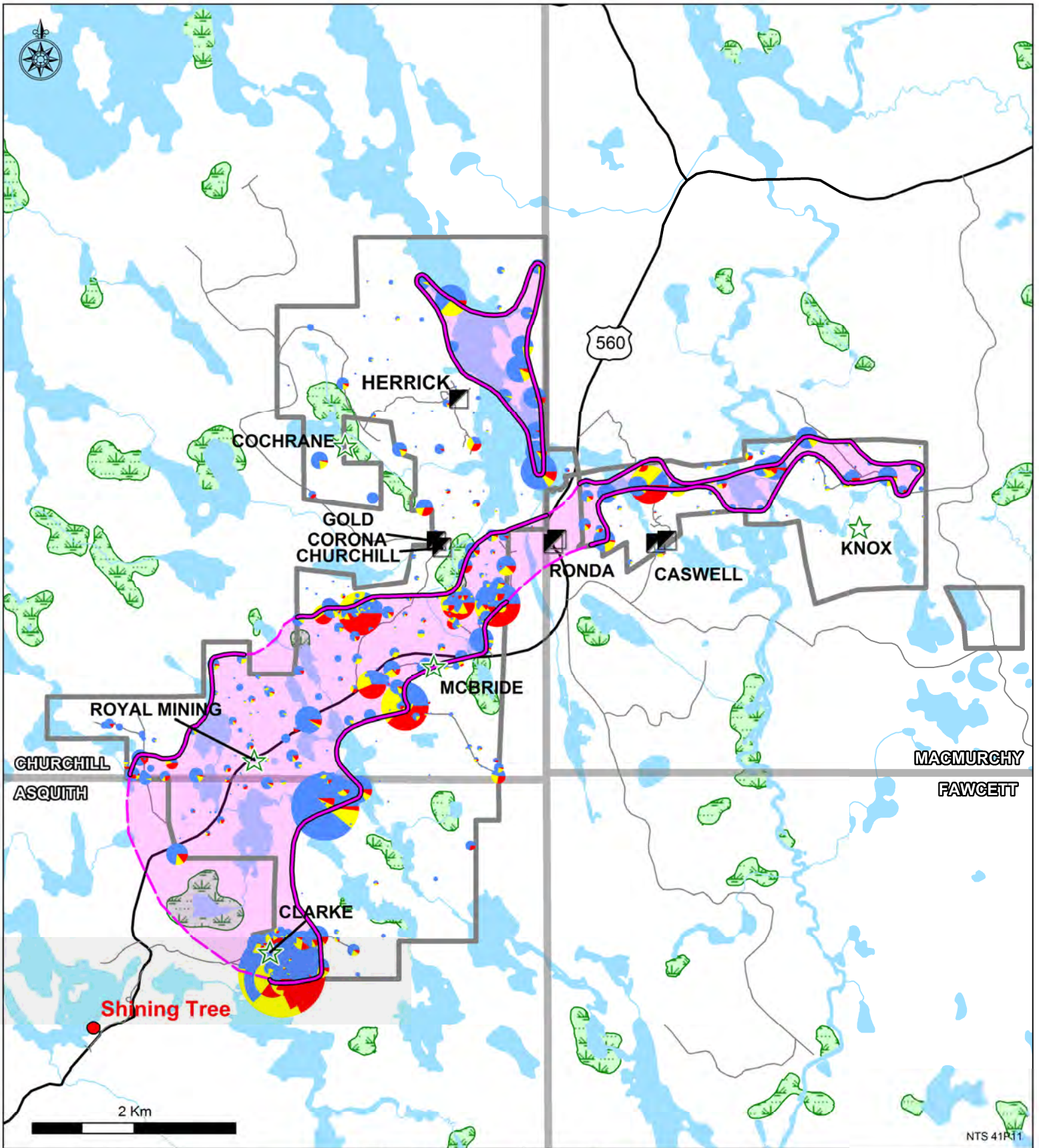


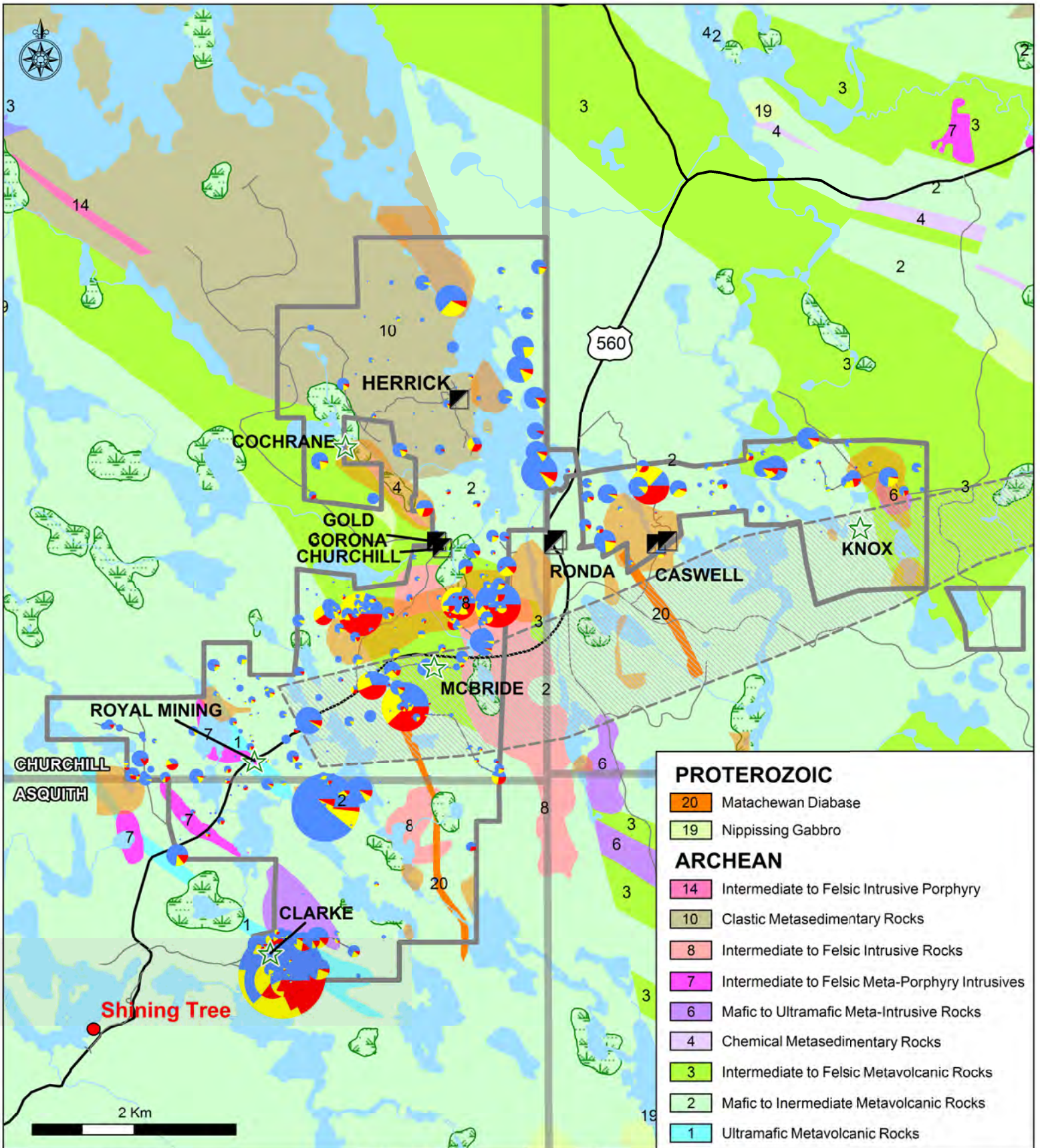
Figure: 16



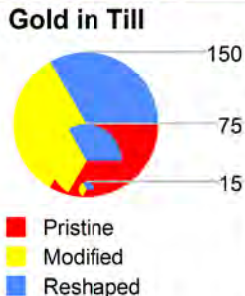
NTS 41R11



Shining Tree Project The Quest for a Greener Planet		
GOLD GRAINS IN TILL		
Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.: STtill50k070612	FIGURE 17



- Symbol**
- Shining Tree Property
 - XDS Ortho Anomalies
 - Deformation Zone (Johns, 1996)
 - Bush Roads and Former Roads
 - Historic Mines/Shafts
 - Historic Gold Showings

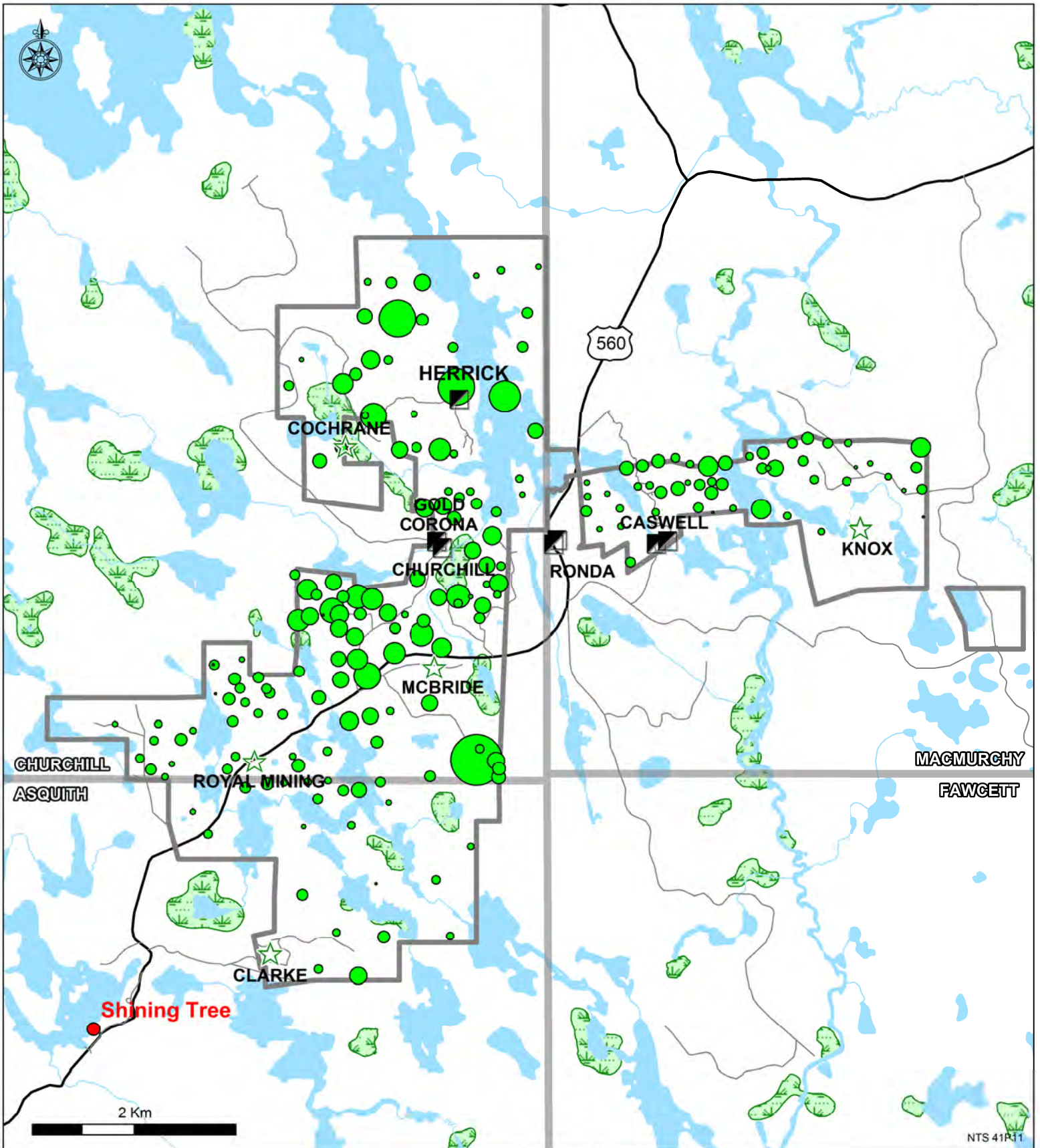


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Shining Tree Project

COMPILATION: GEOLOGY, XDS ORTHO ANOMALIES WITH GOLD IN TILL

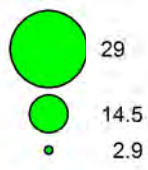
Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.:STcom50k070612	FIGURE 18



NTS 41R11

- Symbol**
- Shining Tree Property
 - Townships
 - Primary Roads
 - Bush Roads and Former Roads
 - Historic Mines/Shafts
 - Historic Gold Showings

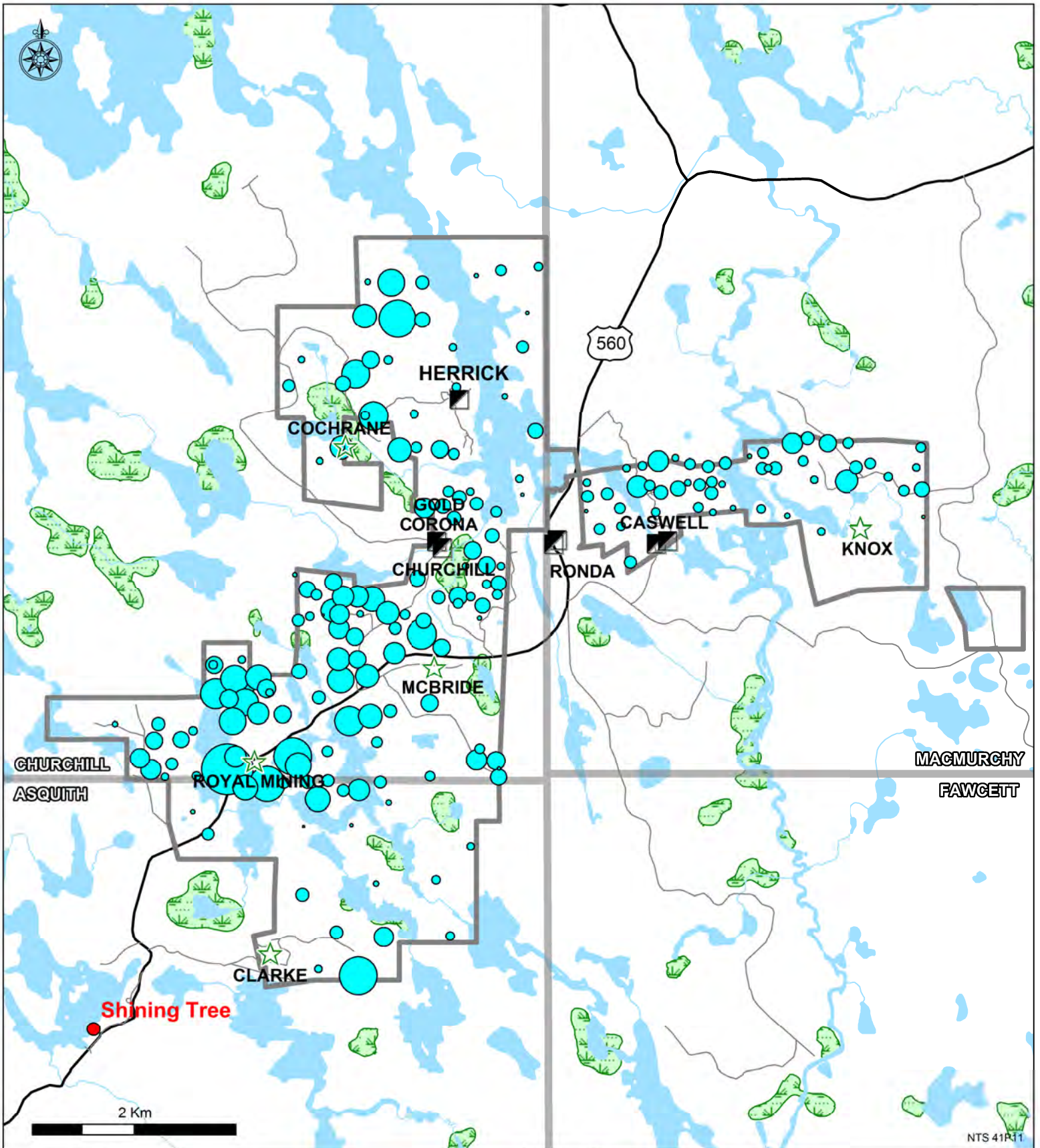
Arsenic in Till (ppm)



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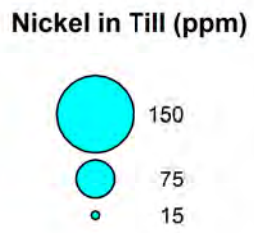
ARSENIC IN TILL

Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.:STas50k070612	FIGURE 19



NTS 41R11

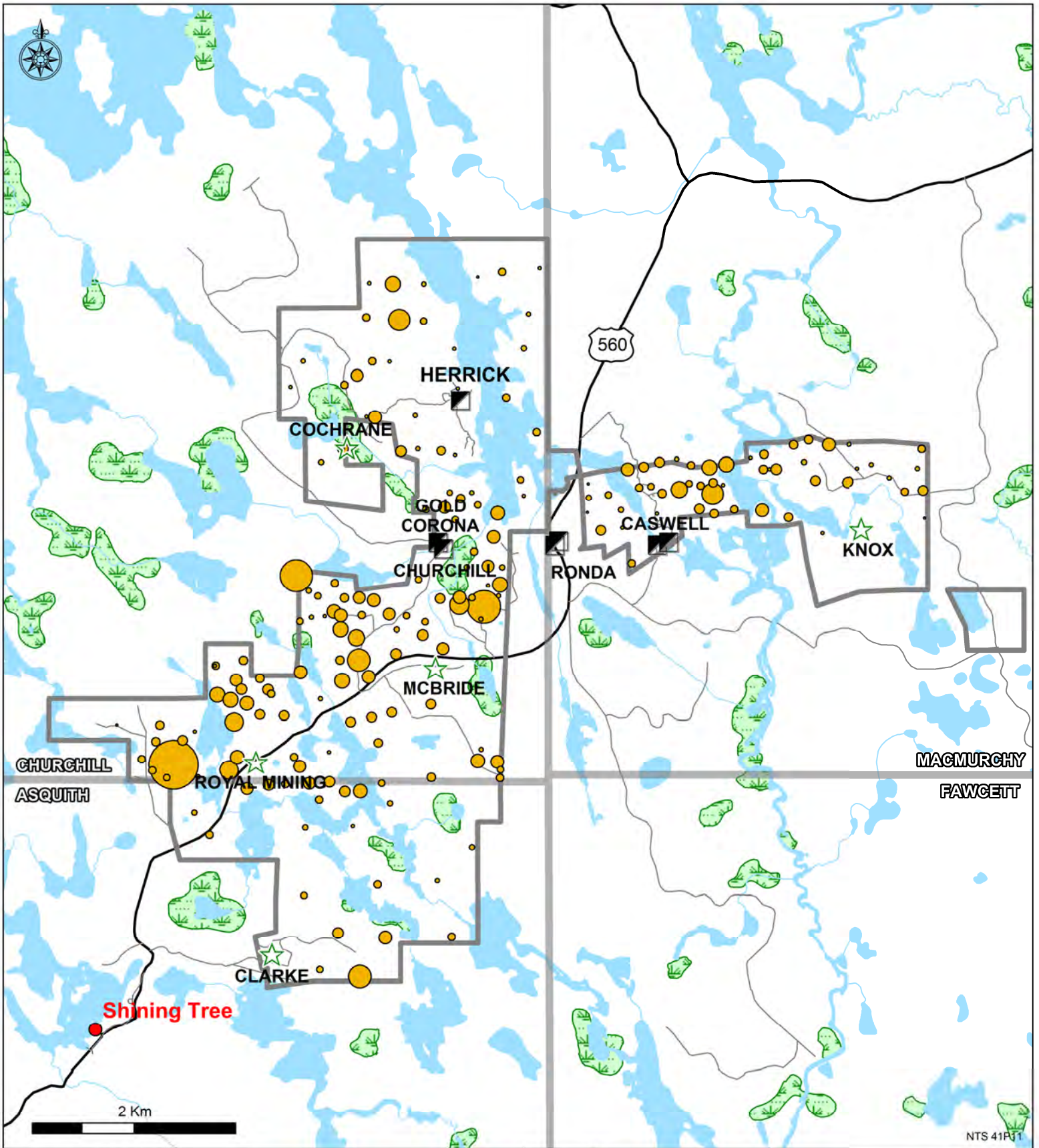
- Symbol**
- Shining Tree Property
 - Townships
 - Primary Roads
 - Bush Roads and Former Roads
 - Historic Mines/Shafts
 - Historic Gold Showings



PLATINEX The Quest for a Greener Planet **Shining Tree Project**

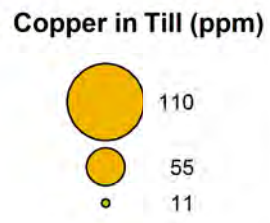
NICKEL IN TILL

Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.:STni50k070612	FIGURE 20



NTS 41P1

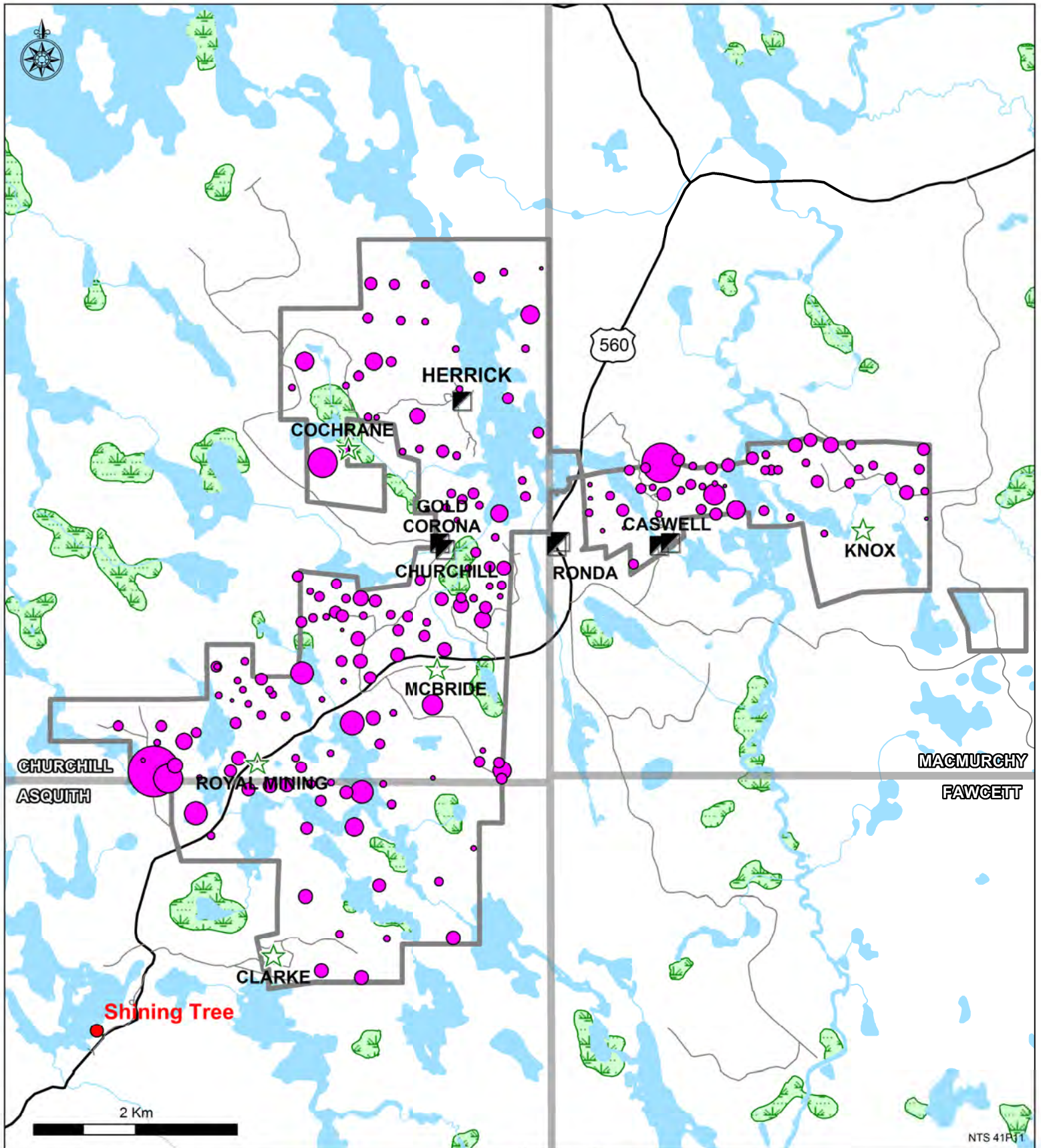
- Symbol**
- Shining Tree Property
 - Townships
 - Primary Roads
 - Bush Roads and Former Roads
 - Historic Mines/Shafts
 - Historic Gold Showings



PLATINEX The Quest for a Greener Planet **Shining Tree Project**

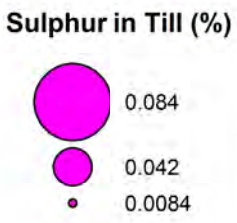
COPPER IN TILL

Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.:STcu50k070612	FIGURE 21



NTS 41P11

- Symbol**
- Shining Tree Property
 - Townships
 - Primary Roads
 - Bush Roads and Former Roads
 - Historic Mines/Shafts
 - Historic Gold Showings



PLATINEX The Quest for a Greener Planet **Shining Tree Project**

SULPHUR IN TILL

Drawn by: IST	Checked by: JRT	Scale: 1:50,000
Date: June 2012	I.D.: STs50k070612	FIGURE 22