Ontario

Ministry of
Northern Development
and Mines

Drill Hole Summary Sheet

? HELP ?

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Office Use Only
Folder Identification Number
Drill Hole Identification

DRILL HOLE IDENTIFICATION

Name of Claim Holder or Mining Land Holder

Xstrata Canada

Company Hole Identification Number	MNDM Core Library Identification **(Office Use Only)**
F-139	

CO-ORDINATE INFORMATION

Indicate method used to obtain drill hole location co-ordinate:

- ☐ Don't know
- ☑ GPS reading (Geographic Positioning System)
- ☐ MNDM CLAIMaps system
- ☐ NTS 1:250,000 map
- ☐ NTS 1:50,000 map
- ☐ Ontario OBM Series map
- ☐ Paper claim map
- ☐ Sketch map
- ☐ Surveyed co-ordinates
- ☐ other

DRILL HOLE COLLAR LOCATION CO-ORDINATES

Collar Location Co-ordinates. You may provide co-ordinates in UTM or Latitude and Longitude

Datum	NAD 27 or 83	NAD 27
UTM	Zone 15, 16, 17 or 18	15
	Easting	640,770
	Northing	5,526,320
Latitude and longitude data (degrees/minutes/seconds or decimal values)	Latitude	49.8727N
	Longitude	91.0409W

OTHER DRILL HOLE DATA

Hole Type (examples percussion, diamond drill, underground)	diamond drill
Year Drilled	2011
Azimuth	130
Dip	-78
Length (metres)	45
Overburden Depth (metres)	7

ELEMENTS PRESENT ABOVE DEFINED THRESHOLD LEVELS

- ☑ none
- ☐ Silver – at least 35 grams per ton
- ☐ Gold – at least 3000 ppb
- ☐ Gold – between 500 and 3000 ppb
- ☐ Copper – at least 0.1%
- ☐ Nickel – at least 0.1%
- ☐ Lead – at least 1.0%
- ☐ Platinum group elements – at least 500 ppb
- ☐ Zinc – at least 0.25%

TYPE OF LOGS ASSOCIATED WITH THIS DRILL HOLE

- ☐ none
- ☑ geology
- ☑ geochemistry
- ☐ geochronology
- ☐ geophysics
- ☐ petrography

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"Mining Lands Website: http://www.mndm.gov.on.ca/mndm/mines/lands/default_e.asp"

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