ASSESSMENT WORK REPORT

REPORT ON DIAMOND DRILL HOLE PC-1

ON

CLAIM NO. 1185494

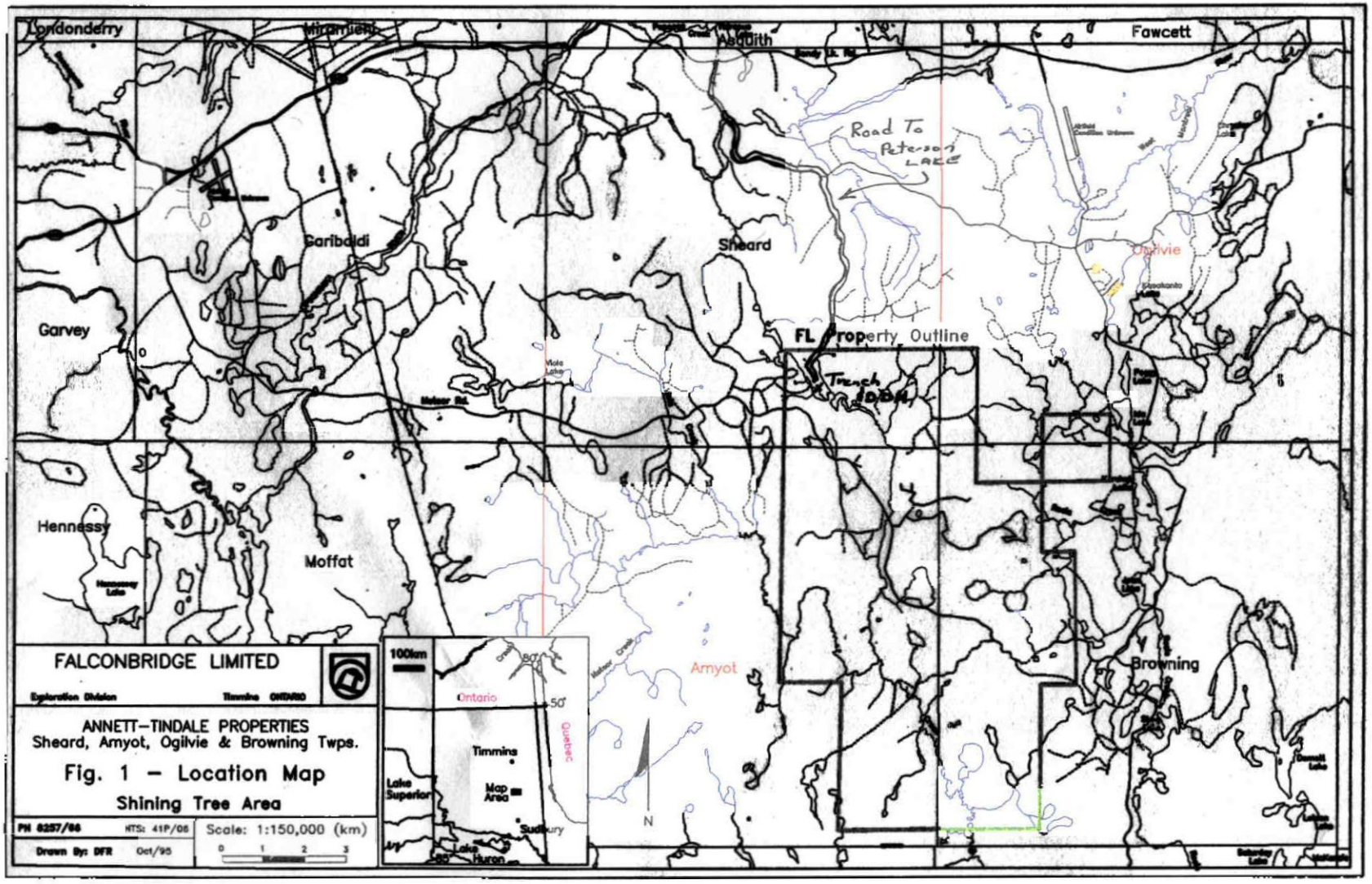
SHEARD TOWNSHIP, LARDER LAKE MINING DIVISION

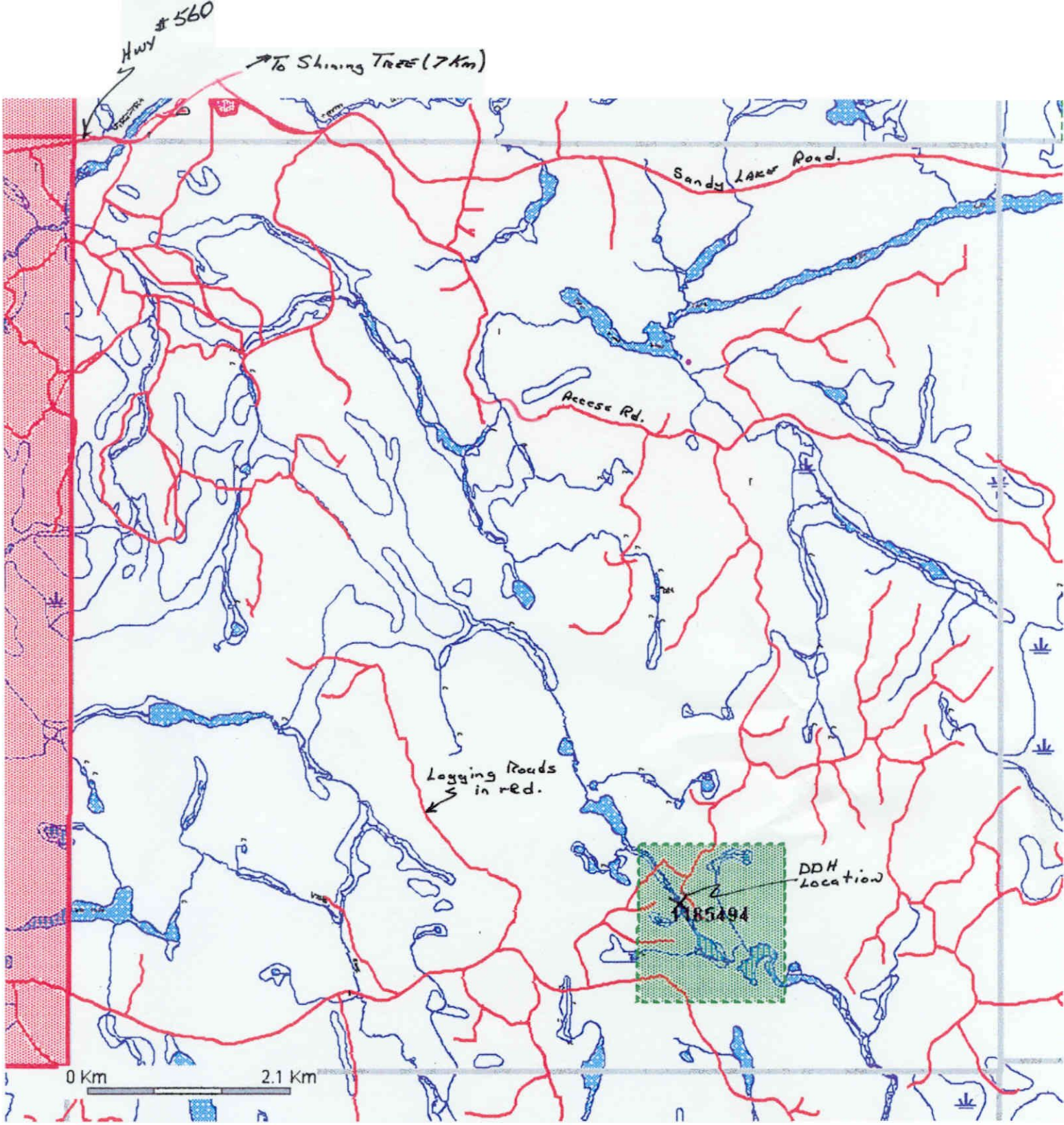
SHINING TREE AREA

NTS 41 - P - 06

OCTOBER 5, 2001

J. L. TINDALE
GEOLOGIST


Londonderry
Mirantiens
Asquith
Fawcett
Road To
Peterson
LAKE
Garibaldi
Sheard
Ogilvie
Garvey
FL Property Outline
Trench
Hennessy
Moffat
Amyot
Browning
FALCONBRIDGE LIMITED
Exploration Division
Timmins ONTARIO
ANNETT–TINDALE PROPERTIES
Sheard, Amyot, Ogilvie & Browning Twps.
Fig. 1 – Location Map
Shining Tree Area
PH 8257/86
NTS: 41P/06
Scale: 1:150,000 (km)
Drawn By: DFR
Oct/95
100km
Ontario
Timmins
Map Area
Lake Superior
Sudbury
Lake Huron
Quebec
N



LOCATION MAP
SHEARD TOWNSHIP
SEPT 2001 J.L. TINDALE

FIGURE 2

SHEARD

INTRODUCTION

The diamond drill hole described in the following was designed to test the down dip extension of base metal mineralization exposed in trenches on the eastern shore of Peterson Creek in Sheard Township. Significant values for zinc, lead and copper were previously obtained with stringer sulphide mineralization hosted by porphyritic quartz-eye rhyolite. The hole was drilled to determine if this mineralization improved at depth. Work report W0080.00315 describes the trenching program referred to above.

LOCATION AND ACCESS

The property is located in the southeastern section of Sheard Township approximately 23.4 road kilometers south of the village of Shining Tree. Access from Shining Tree is via highway No. 560 9 km. west to the Sandy Lake road, and then 14.4 km. east and south on passable forestry and logging roads to the drill site. A four wheel drive vehicle is recommended for the logging road portion.

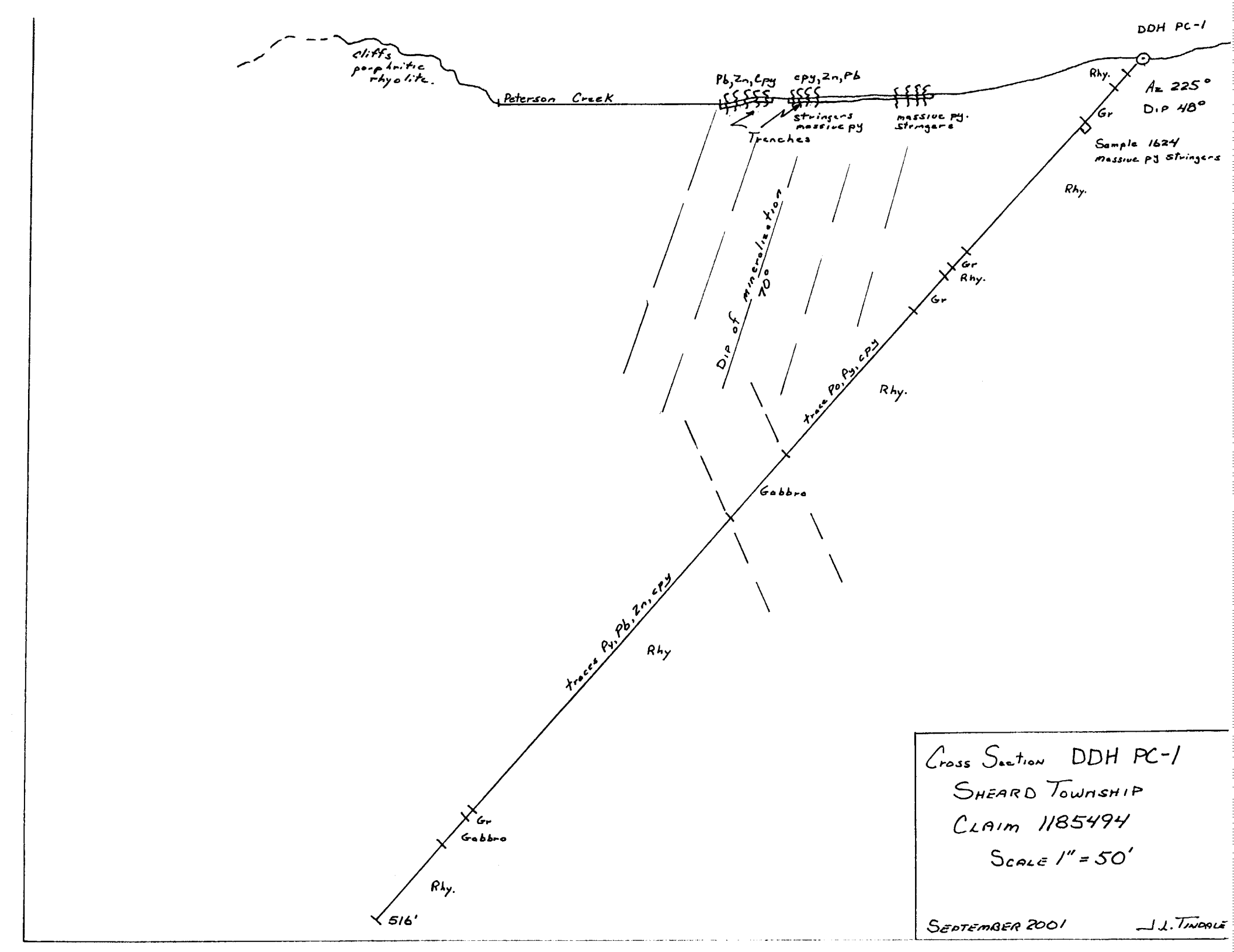
CLAIM DATA

The writer is the registered owner of Claim 1185494 in Sheard Township. This claim is presently on a three month extension granted by the Mining Recorder with a due date to complete this filing of November 21, 2001. Figure 2 attached depicts the claim location and the road network leading to the drill site. Claim details are as follows.

Claim No.	Township	Units	Record Date
1185494	Sheard	16	August 21, 1992

GENERAL GEOLOGY

The claim covers a portion of a small (11 x 8 km.) isolated outlier of the Abitibi Greenstone belt bounded on the north and west by granitic rocks and overlain by Huronian Supergroup sediments along the eastern margin. The greenstone terrain consists of a predominently calc-alkaline suite of felsic to intermediate flows and fragmentals with minor intercalated mafic volcanics. The stratigraphy is cut by fine to medium grained gabbroic sills and by diabase dykes.



Cross Section DDH PC-1
Sheard Township
Claim 1185494
Scale 1" = 50'

September 2001 J.J. Tindale

THE 2001 DIAMOND DRILL PROGRAM

The writer spotted drill hole PC-1 (Peterson Creek - 1) on August 29, 2001 at a location approximately 29 meters east of the east end of the trench across the showing area. Azimuth of the hole was layed out at 225° which was approximately perpendicular to the strike of the host porphyrite rhyolite. The dip of the hole is 48° at the collar. The host rhyolite and the mineralized bands dip southwesterly at approximately 70° so the hole layout was not ideal but due to the occurrence of Peterson Creek and steep sided topography in the hanging wall of the zone to be tested it was decided to drill from the footwall even though this would cause the hole to be longer.

Larry Salo of Salo Drilling from Connaught, Ontario was contracted to drill the hole with Roy Annett of Shining Tree, Ontario acting as helper. A BBS-15 type drill recovering B.Q. size core was mobilized to the site on September 11, 2001 and drilling took place as personnel were available until September 21, 2001 when the hole was stopped at 516 feet. An acid test at the bottom of the hole registered 40°. The writer logged the hole September 24, 2001 at Roy Annett's residence in Shining Tree where the core is currently stored.

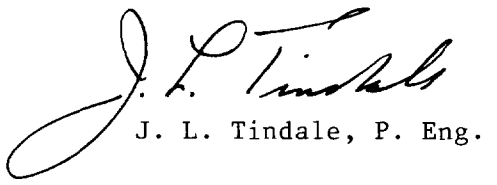
Results of the drilling were disappointing in that mineralization of the type encountered in the surface trenches was missing, except for a narrow zone of stringer sulphide, massive pyrite, at 38 feet in the hole. Traces of galena, sphalerite and chalcopyrite were noted in rhyolitic quartz-eye porphyry. Pyrite, while scattered throughout the hole, was in less than 1% quantities.

Previous geophysical surveys across the zone (I.P. and Max-Min) failed to pick up a response over what on surface appeared to be an obvious conductor. The results of the hole appear to support the geophysical interpretation that the mineralization does not extend far below surface. Alternatively, a band of gabbro encountered at 236 feet in the hole may project upward under Peterson Creek and thereby would effectively cut off the downward projection of the mineralization.

RECOMMENDATIONS

For the above reasons it is difficult to justify further work being carried out on the Peterson Creek showings.

Respectfully submitted,



J. L. Tindale, P. Eng.

Attachments

DIAMOND DRILL RECORD

NAME OF PROPERTY: Sheard Sulphide
HOLE NO.: PC-1 LENGTH: 516 feet
LOCATION: S.E. Sheard Township - Claim 1185494
LATITUDE: _____ DEPARTURE: 29m east of eastend trenching
ELEVATION: 25' above creek AZIMUTH: 225° DIP: 48°
STARTED: Sept 11, 2001 FINISHED: Sept. 21, 2001

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	48				
516	40				

HOLE NO. PC-1 SHEET NO. 1
REMARKS: BQ core drilled by Sala Drilling. Core stored @ R. Annett's in Shining Tree, Ont.
LOGGED BY: Jack Tindale

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS % Cu	ASSAYS % Pb	ASSAYS Au g/t/TON	ASSAYS Ag g/t/TON	ASSAYS % Zn
0	10	Casing										
10	18.2	Porphyritic Rhyolite; dk. gn., v.f.g., massive, accessional blue quartz-eyes, minor quartz stringers @ 40°; traces of pyrite as fine disseminations and cubes; poorly developed foliation @ 40°.										
18.2	38.0	Granite dyke; grey to pink, medium grained, probably quartz feldspar dyke, porphyritic; @ 40°										
38.0	116.3	Porphyritic Rhyolite; gn. to gy to dk. gn; f.g.; porphritic in part w blue quartz-eyes; minor cherty bands which are grey; minor quartz veins and stringers, white to grey @ 30° to 40°; traces pyrite blebs and cubes throughout except for sample interval;										
		@ 38.0 - 41.0 Stringer sulphide zone; narrow (¼" to ½") bands of massive pyrite; 30% total sulphide; siliceous to cherty; grey white quartz stringers; blue quartz-eyes common; sulphide bands @ 45°.	1624	30	38.0	41.0	3.0	.006	.002	0.02	0.2	.016
116.3	126.0	Granite dyke; grey to pink, cg., massive, irregular contacts @ 30°±.										
126.0	131.0	Porphyritic Rhyolite; gn. gy., med. grd., minor blue quartz-eyes and white albite phenocrysts; foliation weak @ 45°; traces cubic pyrite.										
131.0	152.0	Granite dyke; gy to brownish grey; minor pink; c.g.; massive; lower contact @ 45°.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Sheard Sulphide

HOLE NO. PC-1 SHEET NO. 2

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE FOOTAGE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ TON
152.0	236.5	Porphyritic Rhyolite; white phenocrysts scattered throughout with occassional blue quartz-eyes; dk. gn to gy. gn., v.f.g.; white qtz-carb veinlets @ 40°; splashes & irregular white quartz @ 20° to 30°; rare streaks & pyrrhotite parallel to foliation @ 20°; traces & pyrite Throughout; some brown ankerite staining along qtz. vein edges; mere trace cpy as flecks along vein borders.									
236.5	275.0	Gabbro; fine grading to med. gr.; dk. gn. with white feldspar laths for a salt and pepper texture; massive; minor qtz-carb veining @ 40°; traces brown ankerite along vein edges.									
275.0	448.7	Porphyritic Rhyolite: fine gr., grey, siliceous, minor blue quartz-eyes; stringers white qtz-carb and blue quartz veins up to 1/4" wide @ 30°-40°; pyrite disseminated throughout up to .5%; mere trace galena as smears along fracture planes and as flecks; occassional blebs & cpy; narrow granite dykes, f.g., with traces pyrite 328-331, 370-372 and 411-414, 431-432.									
448.7	452.8	Granite dyke; c.g., reddish, quartz inclusions, contacts @ 40°; probably a qtz-feldspar porphyry.									
452.8	470.0	Gabbro; c.g. grading to f.g., gn. to dk. gn., to brown gn.; massive, no veining, trace pyr. etc.									
470.0	516.0	Porphyritic Rhyolite; v.f.g., siliceous, pale gn to gn.; streaks and blebs & white quartz along fractures @ 30°; rare traces & pyrite.									

End of Hole @ 516 feet.

J. R. Parker Oct. 5, 2001

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

1W-2213-RA1

Company: **ROY ANNETT**
Project: Sheard/Churchill
Attn: R. Annett

Date: OCT-01-01

We hereby certify the following Assay of 3 Rock/Core samples submitted SEP-26-01 by .

Sample Number		Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu %	Pb %	Zn %	Multi Element
1624	Sheard DDH	0.02	-	0.2	0.006	0.002	0.016	to
1625	Churchill	2.02	2.13 .06	12.2 .360z/T	-	-	-	follow
1626	"	7.37	7.23 .21	35.8 1oz/T	-	-	-	

Certified by G. Gilbert

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

Work Report Summary

Transaction No: W0180.30930 **Status:** APPROVED
Recording Date: 2001-OCT-11 **Work Done from:** 2001-AUG-15
Approval Date: 2002-JAN-07 **to:** 2001-OCT-05

Client(s):

202125 TINDALE, JOHN LAWRENCE

Survey Type(s):

ASSAY PDRILL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
L 1185494	$10,920	$10,920	$10,920	$10,920	$0	0	$0	$0	2002-AUG-21
	$10,920	$10,920	$10,920	$10,920	$0	$0	$0	$0	

Status of claim is based on information currently on record.

41P06NE2014 2.22254 SHEARD 900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

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

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

Date: 2002-JAN-07

JOHN LAWRENCE TINDALE
907-110 ERSKINE AVE.
TORONTO, ONTARIO
M4P 1Y4 CANADA

Submission Number: 2.22254
Transaction Number(s): W0180.30930

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.

The revisions outlined in the Notice dated December 3, 2001 have been corrected. Accordingly, assessment work credit has been approved as outlined on the Declaration of Assessment Work Form that accompanied this submission.

If you have any question regarding this correspondence, please contact JIM MCAULEY by email at james.mcauley@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

Ron Gashinski
Supervisor, Geoscience Assessment Office

Cc: Resident Geologist

John Lawrence Tindale
(Claim Holder)

Assessment File Library

John Lawrence Tindale
(Assessment Office)

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

MINING LAND TENURE MAP

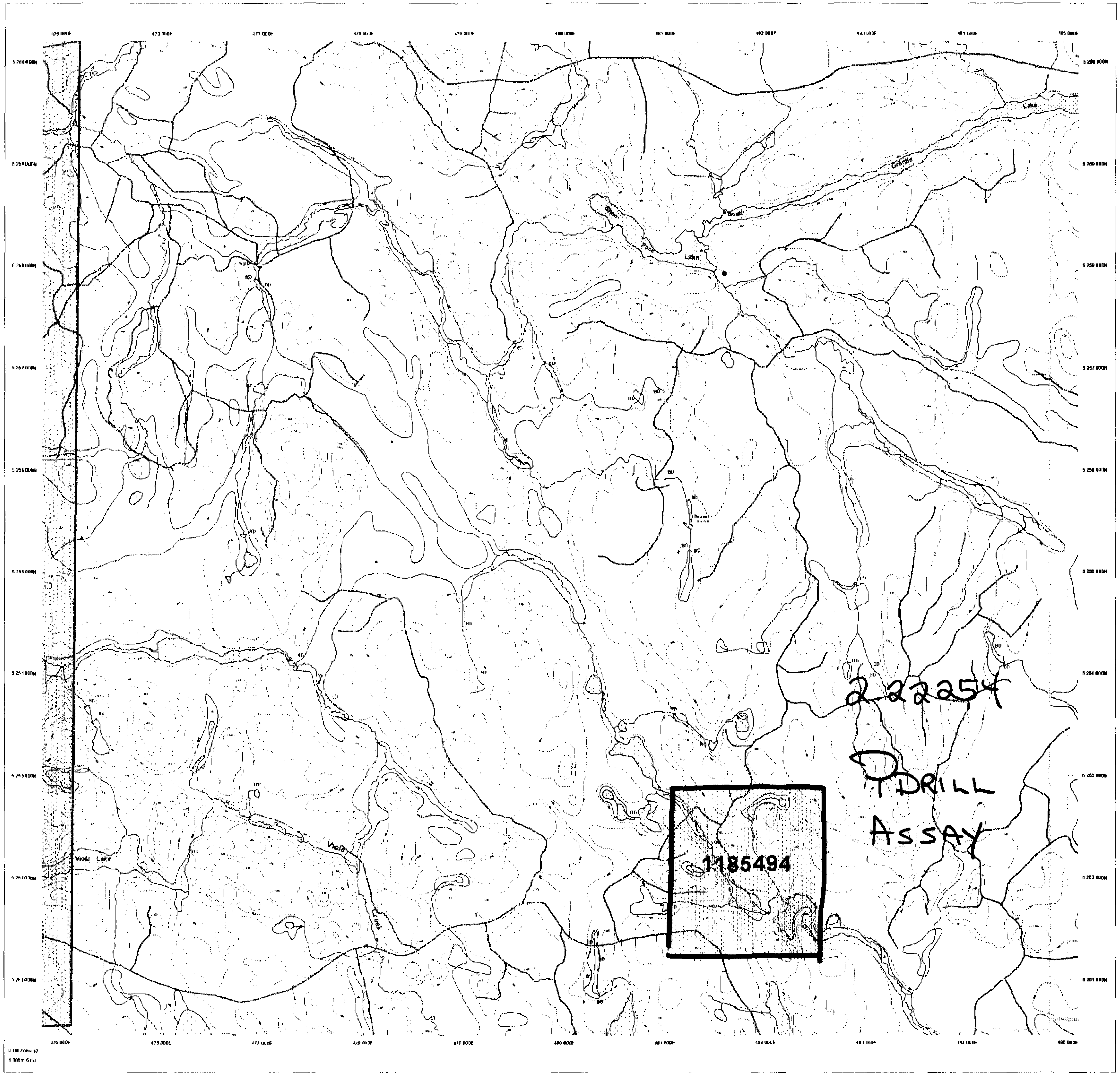
Date / Time of Issue Nov 27 2001 14:41h Eastern

TOWNSHIP / AREA — **SHEARD**

PLAN — **M-1107**

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Larder Lake
Land Titles/Registry Division	SUDBURY
Ministry of Natural Resources District	TIMMINS



TOPOGRAPHIC

LAND TENURE

LAND TENURE WITHDRAWALS

IMPORTANT NOTICES

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
W-3/79	Wi	Oct 10 1980	[illegible]
W81 61	Wi	Aug 28 1981	[illegible]
4528	Wm	Jan 1 2001	ANY CLAIMS STAKED SOUTH OF OPIKINIMIKA RIVER, PLEASE NOTIFY DIST. MANAGER GOGAMA, ONT., LAND ROLL FILE

IMPORTANT NOTICES

Areas under which special regulations, limitations or conditions exist that affect normal prospecting, staking and mineral development activities.

General Information and Limitations

41P06NE2014 2.22254 SHEARD

200

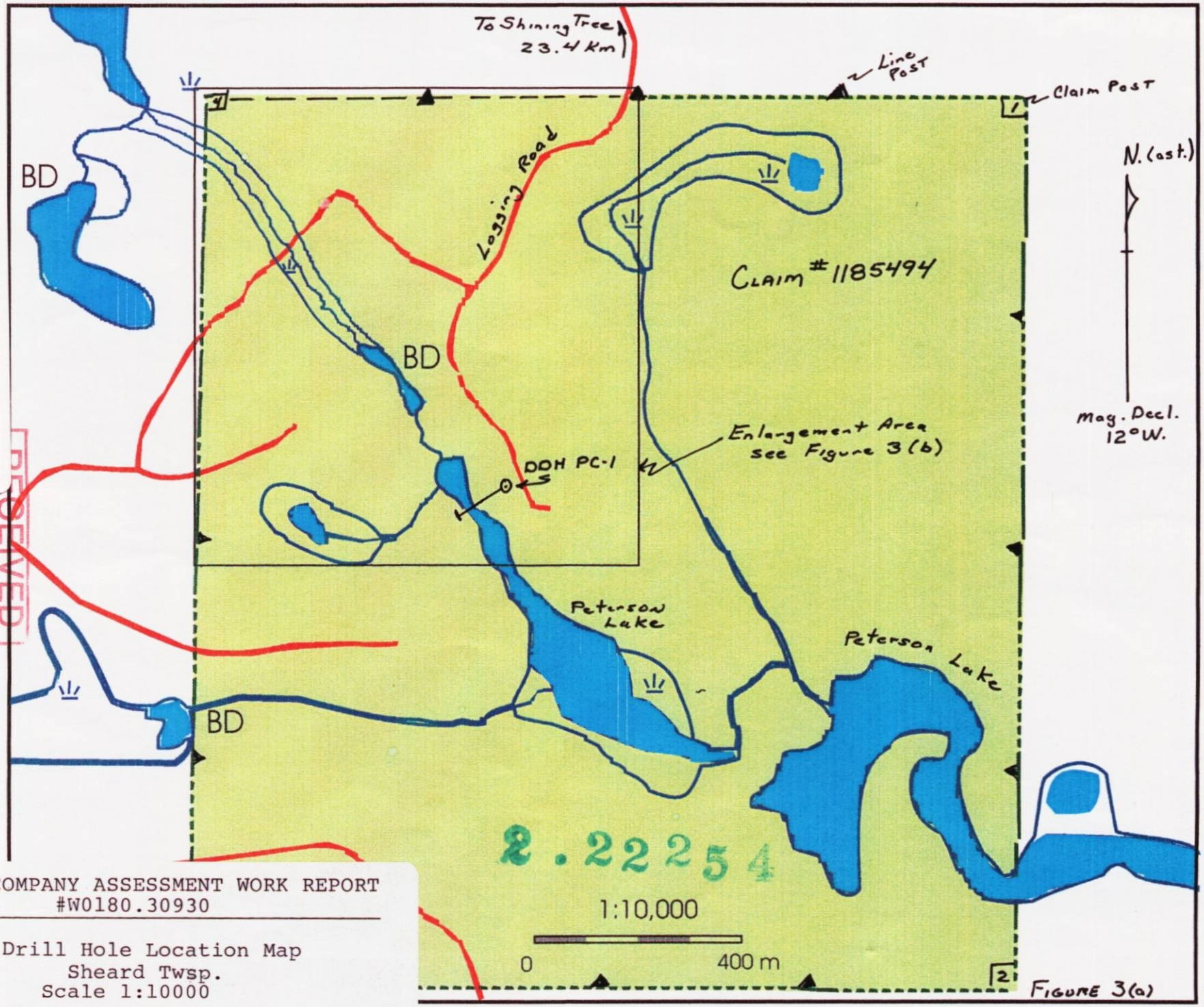


FIGURE 3(a)

TO ACCOMPANY ASSESSMENT WORK REPORT
#W0180.30930

Drill Hole Location Map
Sheard Twsp.
Scale 1:10000

September, 2001 J.L. Tindale

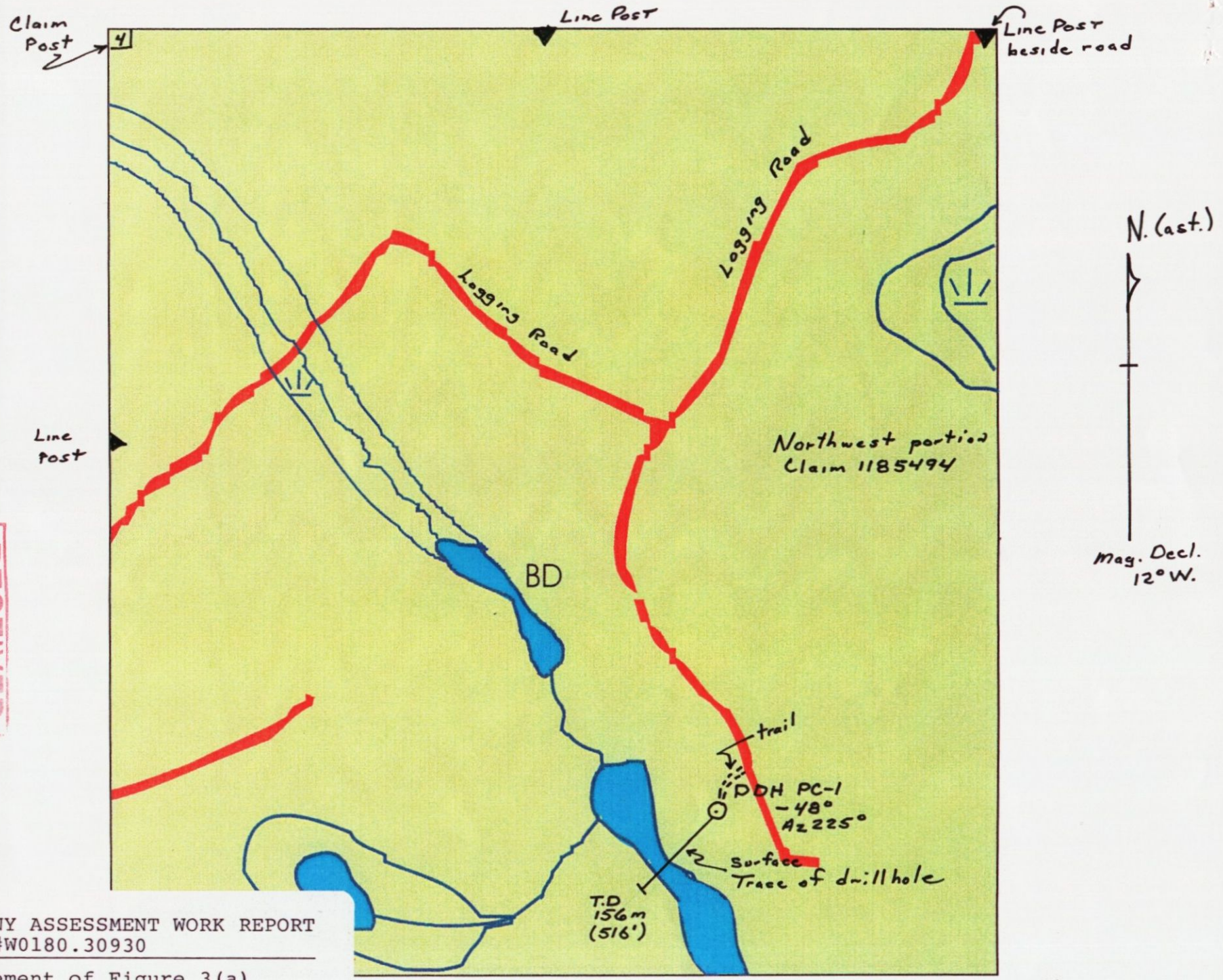


FIGURE 3(b)

TO ACCOMPANY ASSESSMENT WORK REPORT
#W0180.30930

Enlargement of Figure 3(a)
Drill Hole Location Map
Sheard Twsp
Scale 1:5000
September, 2001 J.L. Tindale