DIAMOND DRILLING



010

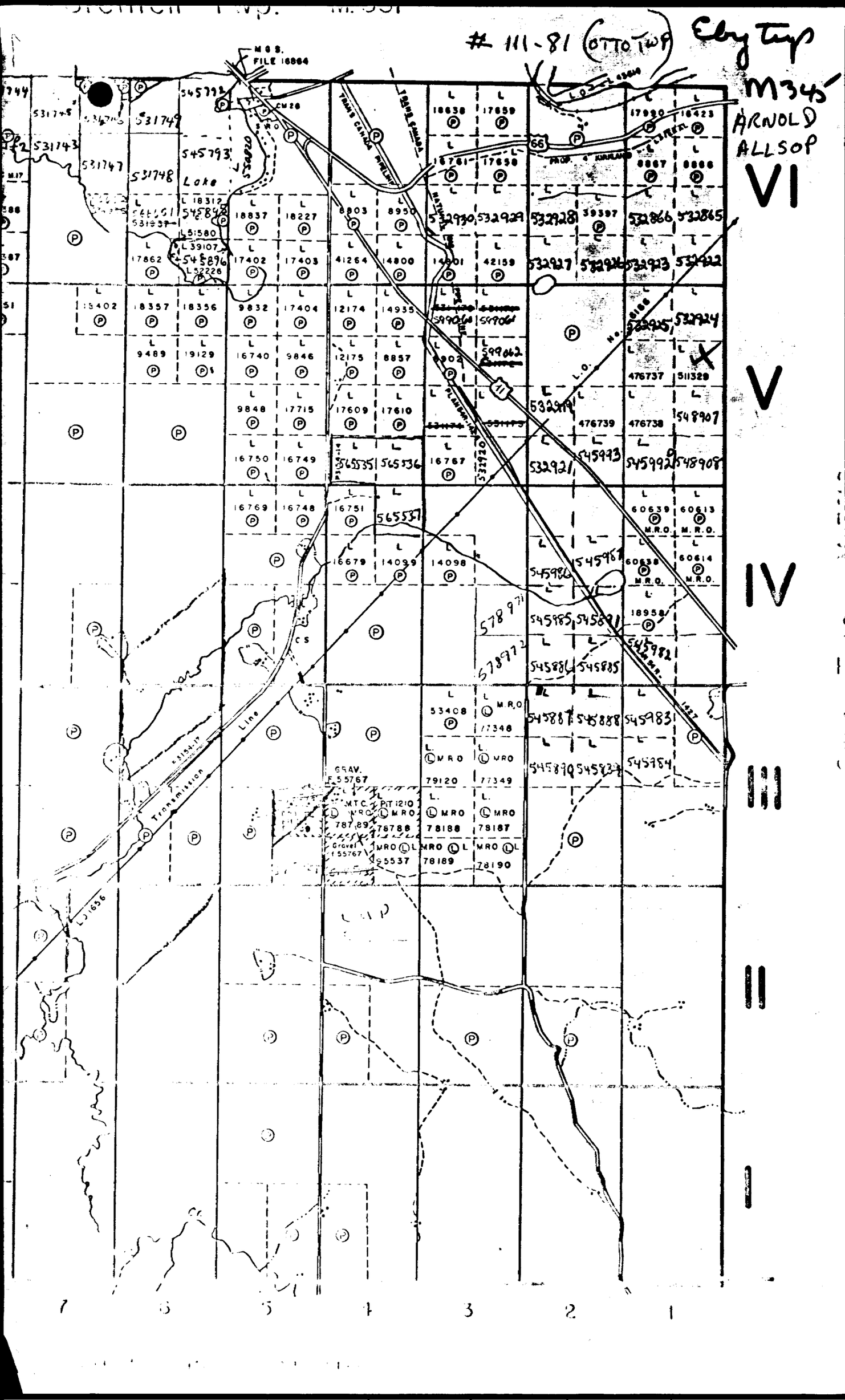
TOWNSHIP: Eby

REPORT NO.: 19

WORK PERFORMED BY: Arnold Allsop

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
L 5511329	80-1-X	148.5	Nov/80	(1)

NOTES: #111-81 (Otto Twp)


#111-81 (OTTO TWP)
Ely Twp
M345
ARNOLD
ALLSOP
VI
V
IV
III
II
I
M.R.O.
Transmission Line
Lake
Gravel
7 6 5 4 3 2 1

DIAMOND DRILL CORE LOG

LATITUDE 1+00N

DEPARTURE 30+00W

ELEVATION

BEARING Az 165°

DIP AT COLLAR -35°

TESTS DEPTH	DIP	MAGNETIC BEARING	CORRECTED BEARING

TOTAL DEPTH OF HOLE 148.5'

PROPERTY (Croxall-Allsopp Option)

CLAIM NO. L-511329

HOLE NO. Otto 80-1-X

CORE SIZE X-ray

STARTED Nov. 1980

FINISHED Nov. 1980

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	ASSAYS AU OZ	AG OZ	% CU	% ZN	% NI		CORE LENGTH FROM	TO	ACC. WIDTH
0	7	CASING										
7.0	119.4	ANDESITE - dark green, very fine grained, massive; 10-20% quartz-										
		carbonate stringers up to 1" wide; trace disseminated py.										
		22.2-24.0 - strong quartz-carbonate veining (30-40%) at 70°-80° to										
		core axis; trace py; slips at 20-25°.										
		40.7-41.8 - volcanic breccia; fine angular fragments of pale green-										
		yellow siliceous volcanic and quartz-carbonate in dark green										
		chloritic matrix.										
		50.9-51.5 - no core										
		54.0-55.0 - no core										
		67.4-67.6 - ground core										
		92.9-93.1 - ground core										
		107.3-124.3 - fine grained dioritic andesite; 40% dark green										
		euhedral hornblende, 60% white feldspar; chlorite and sericite										

CONTRACTOR NORANDA CREW

LOGGED BY P. LeBaron

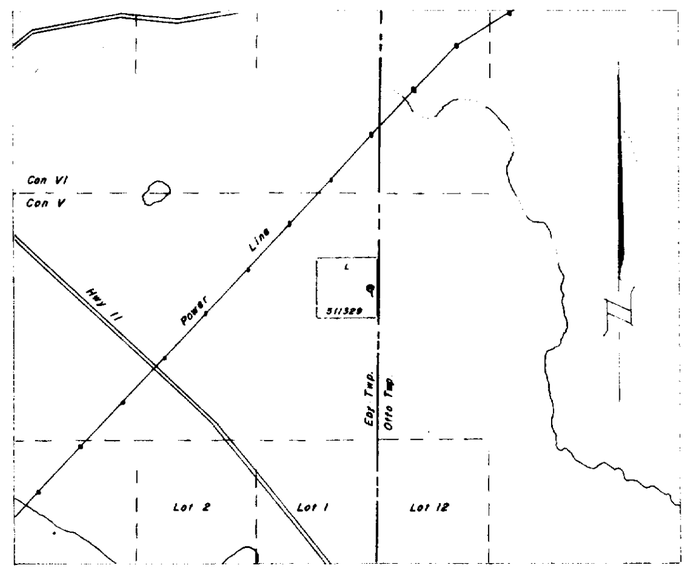
Peter S. LeBaron

DIAMOND DRILL CORE LOG

PROPERTY (Croxall-Allsopp Option)

HOLE NO. Otto 80-1-X

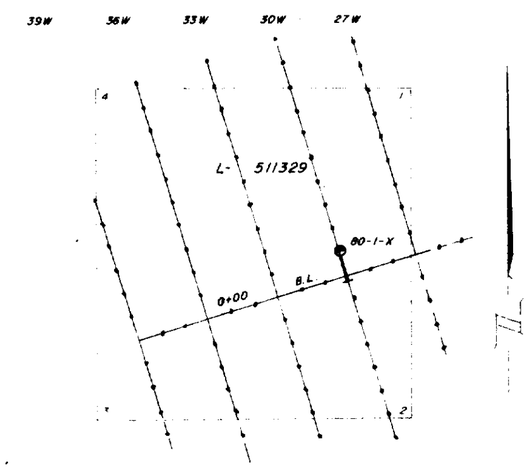
FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	SAMPLE NO.	ASSAYS AU OZ	ASSAYS AG OZ	ASSAYS % CU	ASSAYS % ZN	ASSAYS % NI	ASSAYS	CORE LENGTH FROM	CORE LENGTH TO	CORE LENGTH ACC. WIDTH
		alteration; trace py, 5% fine carbonate stringers.										
		118.1-119.4 - brecdia; white quartz fragments in dark green ande-										
		sitic matrix.										
119.4	135.4	MAFIC TUFF - very fine grained dark green andesitic tuff quartz-	7125	.005 .008	(check)					133.1	135.4	2.3
		carbonate stringers, trace disseminated py, 3-5% very fine										
		grained disseminated magnetite; weakly magnetic; ½" band of										
		py plus magnetite at 135.3', 55° to core axis.										
135.4	137.7	ANDESITE - dark grey-green porphyritic andesite; foliation										
		(hornblende crystals) at 70° to core axis; 40% dark green sub-										
		hedral hornblende phenocrysts, trace py.										
137.7	145.6	MAFIC TUFF - weakly magnetic tuff, as above.	7126	.005 .016	(check)					141.7	145.0	3.3
145.6	148.5	ANDESITE - porphyritic andesite, as above.										
	148.5	END OF HOLE										

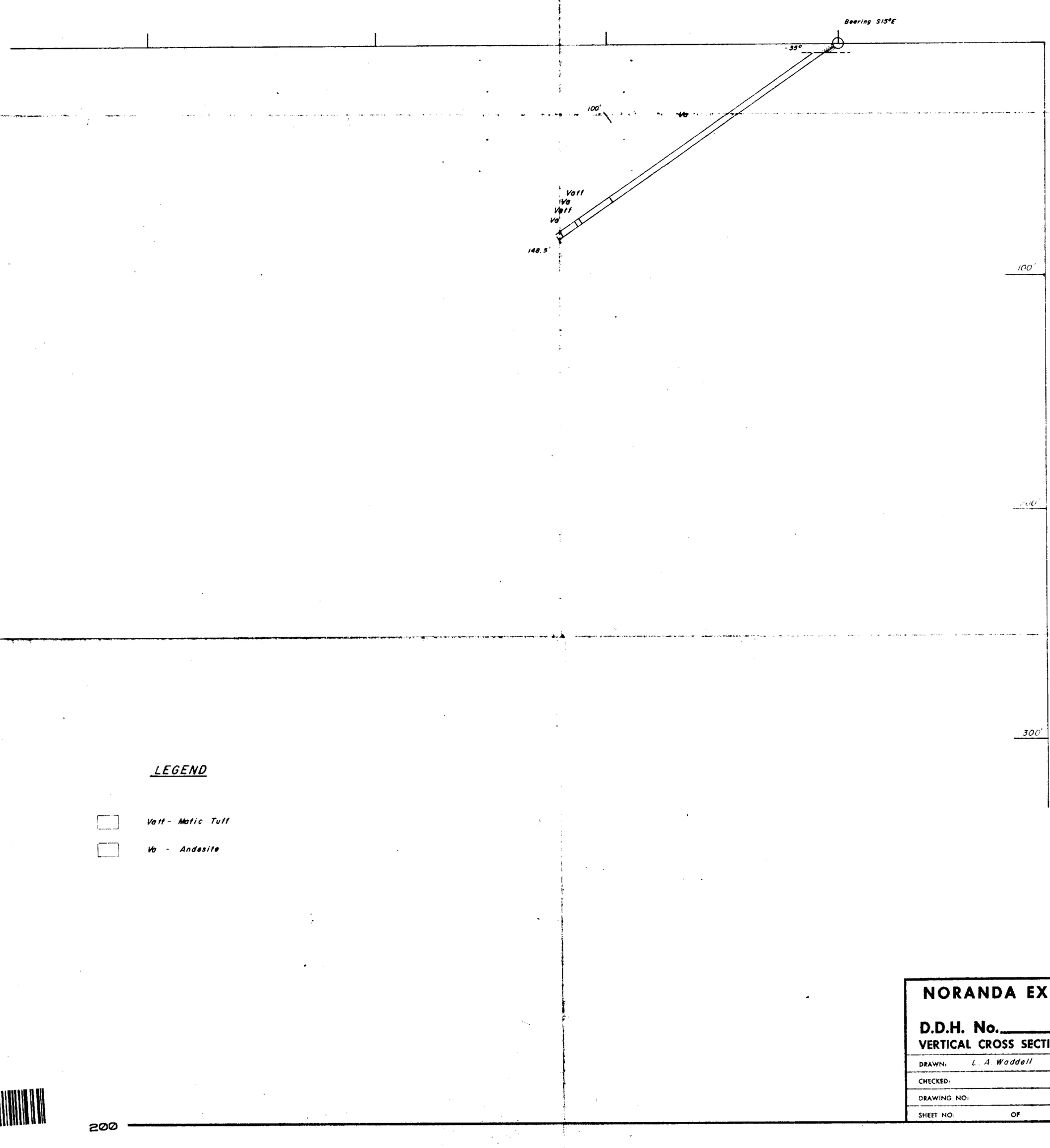


LOCATION PLAN

Otto 1-79

Scale 1" = 2640





LEGEND

- Vaff - Matic Tuff
- Va - Andesite

NORANDA EXPLORATION CO. LTD.	
D.D.H. No. Otto 80-1-X	
VERTICAL CROSS SECTION ON Line 30W	
DRAWN: L. A. Waddell	DATE: August 80 SCALE: 1" = 30'
CHECKED:	PROPERTY Otto 1-79
DRAWING NO:	Croxall - Allsopp Option
SHEET NO. OF	

42A01SE0203 19 EBY