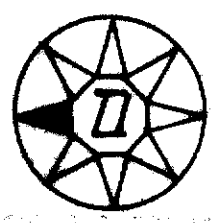


TH. 1

90-XD-1055

IRON BAR

Source Name	S. NICHOLS			Source Location	6.5 Km. S/E of BURFORD
Map Name	ANTEORP	Map No.	P. 13	Source No.	152
County/Region	BARRIT	City/Town/Twp	BURFORD	Lot	1 to
Co-Ord: Easting	54 97 00	Northing	66 00	W.P./Cont. No.	28-37-005 Hwy No. 53
Field Sketch	D.W. MANTLE	Date	May 90	Traced By	MT



LOG OF HOLES

R-SPRIET PIT#4.

BRANTFORD 152

G. NICHOLLS

ITEM 10

Test Hole No. 1 - 90-XD-1055 (0.5 - 2.8)

0.0 - 0.2 m. - Topsoil
0.2 - 0.5 - Loamy sand
0.5 - 0.8 - 75 and 150µm sand
0.8 - 0.9 - Well graded sand, 20% stone
0.9 - 1.2 - 75 and 150µm sand with some 300µm sand
1.2 - 1.4 - Medium granular, maximum 90mm
150, 300 and 600µm sand, 45% stone
1.4 - 1.5 - 150 and 300µm sand
1.5 - 1.6 - Silt
1.6 - 1.9 - 150 and 300µm sand
1.9 - 2.0 - Well graded sand, 15% stone
2.0 - 2.2 - 75 and 150µm sand
2.2 - 2.3 - 150, 300 and 600µm sand, 15% stone
2.3 - 2.9 - 75 and 150µm sand
2.9 - 4.5 - 150µm sand with some 75µm sand
5% > 5mm

Test Hole No. 2 - 90-XD-1056 (0.7 - 2.9)

0.0 - 0.3 m. - Topsoil
0.3 - 0.7 - Loamy sand
0.7 - 0.9 - 75 and 150µm sand
0.9 - 2.2 - Well graded sand, 20% stone
2.2 - 2.4 - Medium granular, maximum 90mm
Well graded sand, 40% stone
2.4 - 2.9 - 75 and 150µm sand
2.9 - 3.1 - Silt
3.1 - 3.6 - 75 and 150µm sand
3.6 - 3.8 - 150 and 300µm sand, 20% stone
3.8 - 4.0 - 150µm sand
4.0 - 4.3 - Medium granular, maximum 90mm
150 and 300µm sand, 40% stone
10% > 5mm

Note: * Root pockets to 2.1m

Test Hole No. 3 - 90-XD-1057 (0.7 - 2.8)

0.0 - 0.4 m. - Topsoil
0.4 - 0.7 - Loamy sand
0.7 - 1.0 - Medium granular, maximum 90mm
150 and 300µm sand, 35% stone
1.0 - 1.3 - 150µm sand with some 300µm sand
1.3 - 2.8 - 75 and 150µm sand
2.8 - 2.9 - Silt
2.9 - 3.2 - 75 and 150µm sand
3.2 - 3.7 - 150 and 300µm sand
3.7 - 4.5 - 150 and 300µm sand, 15% stone
5% > 5mm

Note: * Root pockets to 1.0m

Log of Holes
Brantford 152
G. Nicholls

Test Hole No. 4 - 90-XD-1058 (0.8 - 2.9)

0.0 - 0.4 m.	- Topsoil
0.4 - 0.8	- Loamy sand
0.8 - 1.5	- 75, 150 and 300µm sand, 5% stone
1.5 - 2.0	- Medium granular, maximum 90mm Well graded sand, 40% stone
2.0 - 2.3	- 150, 300 and 600µm sand
2.3 - 2.5	- 150µm sand
2.5 - 3.1	- 75 and 150µm sand
3.1 - 4.3	- 150 and 300µm sand with some 600µm sand, 30% stone 10% > 5mm

Test Hole No. 5 - 89-XD-1059 (0.8 - 2.7)

0.0 - 0.3 m.	- Topsoil
0.3 - 0.8	- Loamy sand
0.8 - 1.2	- Medium granular, maximum 80mm Well graded sand, 40% stone
1.2 - 1.4	- 150 and 300µm sand with some 75µm sand
1.4 - 1.8	- Medium granular, maximum 70mm Well graded sand, 40% stone
1.8 - 2.0	- 150 and 300µm sand
2.0 - 2.1	- Well graded sand, 30% stone
2.1 - 2.2	- Silt
2.2 - 2.5	- Medium granular, maximum 90mm Well graded sand, 45% stone
2.5 - 2.7	- 150µm sand
2.7 - 3.5	- Medium granular, maximum 90mm Well graded sand, 40% stone
3.5 - 3.8	- 150 and 300µm sand
3.8 - 4.5	- Coarse granular, maximum 110mm 150 and 300µm sand, 40% stone 20% > 5mm

Test Hole No. 6 - 90-XD-1060 (0.7 - 2.9)

0.0 - 0.3 m.	- Topsoil
0.3 - 0.7	- Loamy sand
0.7 - 2.0	- 75 and 150µm sand with some 300µm sand
2.0 - 2.4	- 75µm sand
2.4 - 3.3	- 300µm sand
3.3 - 3.7	- 150 and 300µm sand, 25% stone
3.7 - 4.4	- 150 and 300µm sand
Note:	* Root pockets to 1.3m

Log of Holes
Brantford 152
G. Nicholls

Test Hole No. 7 - 90-XD-1061 (0.5 - 2.9)

0.0 - 0.3 m.	-	Topsoil
0.3 - 0.5	-	Loamy granular
0.5 - 1.6	-	150µm sand with some 75µm sand
1.6 - 1.7	-	75µm sand
1.7 - 1.8	-	Silt
1.8 - 2.1	-	75µm sand
2.1 - 2.7	-	150 and 300µm sand
2.7 - 3.1	-	150, 300 and 600µm sand, 10% stone
3.1 - 3.6	-	150, 300 and 600µm sand
3.6 - 4.4	-	150µm sand with some 300µm sand

Test Hole No. 8 - 90-XD-1062 (1.4 - 2.9)

0.0 - 0.4 m.	-	Topsoil
0.4 - 1.4	-	Loamy sand
1.4 - 1.9	-	150µm sand
1.9 - 2.1	-	75µm sand and silt
2.1 - 2.3	-	150 and 300µm sand
2.3 - 2.4	-	150µm sand with some 75µm sand
2.4 - 2.6	-	75µm sand and silt
2.6 - 3.4	-	150µm sand
3.4 - 3.6	-	Silt
3.6 - 4.0	-	150µm sand
4.0 m+	-	No further progress, hole caved in

Test Hole No. 9 - 90-XD-1063 (1.0 - 2.8)

0.0 - 0.3 m.	-	Topsoil
0.3 - 1.0	-	Loamy sand
1.0 - 1.2	-	150 and 300µm sand
1.2 - 1.3	-	Silt
1.3 - 1.6	-	150µm sand
1.6 - 1.8	-	75µm sand
1.8 - 2.2	-	150µm sand with some 300µm sand
2.2 - 2.3	-	75 and 150µm sand
2.3 - 2.7	-	150 and 300µm sand, 25% stone
2.7 - 3.7	-	150µm sand with some 75µm sand
3.7 - 4.4	-	150 and 300µm sand

Note: * Root pocket to 2.5m

D. W. Mantle
Aggregate Party Chief
May 1, 1990