



41104NE0093 0010E1 CURTIN

Diamond Drilling

010

Township of CURTIN

Report No: 10

Work performed by: John Bridger

Claim No	Hole No	Footage	Date	Note
S 69233	1	324'	Feb/54	
	2	150'	Feb/54	
	3	364'	Feb/54	
	4	233'	Feb/54	

Total: 4 DH 1071 FT

Notes:

BRIDGER PROPERTY - CURTIN TOWNSHIP, ONTARIO.

LOG OF DIAMOND DRILL HOLE

No. 1

DIP - 56° (Collar)  
BEARING - 160°

LOCATION - 140' North of Vertical Shaft Started -8/2/54  
45' East of Vertical Shaft Stopped -10/2/54

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- 0 - 14 - Casing
- 14 - 15 - Quartzite, a few irregular, narrow, blue quartz-carbonate stringers. Fine disseminated pyrite, also with quartz stringers and on fractures.
- 15 - 20 - Quartzite, scattered fine pyrite, some on fractures and with narrow quartz-carbonate stringers, some coarser cubic pyrite, a few specks of chalcopyrite, and arsenopyrite, rusty and leached, no reaction with geiger.  
SAMPLE No. 1 - 5' - Au = 0.01 oz. U<sub>3</sub>O<sub>8</sub> = very low.
- 20 - 30 - Quartzite, irregular, narrow quartz-carbonate stringers. Fine pyrite, disseminated and with quartz stringers and on fractures.
- 30 - 48 - Fine Pebble Conglomerate, with a few pebbles up to 2" to 3" in diameter. Scattered fine disseminated pyrite, some on fractures.
- 48 - 75 - Dense, fine grained grey quartzite, some pyrite on fractures, a few narrow quartz-carbonate stringers.
- 75 - 120 - As above - some narrow bands of carbonatization, a few narrow blue quartz stringers - 4" coarse cubic pyrite at 98.0'.
- 120 - 125 - As above, coarser grained.
- 125 - 167 - Dense, grey quartzite, numerous thin quartz-carbonate stringers and bands of carbonatization - sparse pyrite.
- 167 - 172 - Quartzite, altered and carbonatized, numerous narrow quartz-carbonate stringers - some pyrite.  
SAMPLE No. 2 - 5' - Au = Tr. U<sub>3</sub>O<sub>8</sub> = Very low
- 172 - 177 - As above.  
SAMPLE No. 3 - 5' - Au = 0.02 oz. U<sub>3</sub>O<sub>8</sub> = Very low
- 177 - 187 - As above.
- 187 - 204 - Quartzite, dense, fine grained. A few narrow quartz-carbonate stringers, with a little pyrite.
- 204 - 227 - Greywacke, coarse grained, massive, very siliceous, very little mineral.
- 227 - 240 - Greywacke-Conglomerate, a few scattered pebbles, very little mineral.
- 240 - 250 - Quartzite, fine grained, a few pebbles, scattered pyrite, some plated on fractures.
- 250 - 288 - Greywacke-Conglomerate, a few scattered pebbles up to 1" diameter, but chiefly 1/8" pebbles, which are fairly numerous.

DIAMOND DRILL HOLE No. 1 (Cont)

288 - 293 - Quartzite, bluish grey, brown carbonatized bands, considerable fine pyrite scattered throughout, and plated on fractures.

SAMPLE No. 4 - 5' @ Au = 0.01 oz.  $U_3O_8$  = Very low.

293 - 298 - As above.

SAMPLE No. 5 - 5' @ Au = 0.05 oz.  $U_3O_8$  = Very low.

298 - 305 - Quartzite, a few small pebbles, highly carbonatized, sparse fine pyrite, some chalcopyrite.

SAMPLE No. 6 - 7' @ Au = Tr.  $U_3O_8$  = Very low.

305 - 312 - As above.

SAMPLE No. 7 - 7' @ Au = Tr.  $U_3O_8$  = Very low.

312 - 319 - As above.

SAMPLE No. 8 - 7' @ Au = Tr.  $U_3O_8$  = Very low.

319 - 324 - Greywacke, very siliceous, very little mineral, no alteration.

324 - END OF HOLE.

*John R. Bridger, P. Eng*

John R. Bridger, M. Sc., P. Eng.

BRIDGER PROPERTY - CURTIN TOWNSHIP, ONTARIO.

LOG OF DIAMOND DRILL HOLE

NO. 2.

DIP - 60° (Collar) LOCATION - 65' North of Vertical Shaft. Started - 11/2/54  
BEARING - 180° 245' East of Vertical Shaft. Stopped - 13/2/54

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- 0 - 12 - Casing
- 12 - 15 - Quartzite, pink, finegrained, massive.
- 15 - 48 - Greywacke-Conglomerate, small pebbles with a few large ones up to 3" to 4" in diameter.
- 48 - 60 - Conglomerate, a few narrow quartz-carbonate stringers and bands of carbonate alteration.
- 60 - 72 - Greywacke-Conglomerate, pebbles becoming scarcer, narrow quartz stringers, and bands of carbonate alteration. Sparse pyrite with the quartz stringers.
- 72 - 75 - Greywacke-Conglomerate, a few scattered small pebbles.
- 75 - 80 - Greywacke-Conglomerate, small pebbles, a few large ones, highly carbonatized and altered, numerous narrow quartz stringers, scattered pyrite, particularly on fractures and with quartz stringers.  
SAMPLE No. 9 - 5' @ Au = 0.03 oz. U<sub>3</sub>O<sub>8</sub> = Very low.
- 80 - 85 - As above.  
SAMPLE No. 10 - 5' @ Au = 0.005 oz. U<sub>3</sub>O<sub>8</sub> = Very low.
- 85 - 90 - As above.  
SAMPLE No. 11 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Very low.
- 90 - 95 - As above.  
SAMPLE No. 12 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Very low.
- 95 - 100 - As above.  
SAMPLE No. 13 - 5' @ Au = 0.01 oz. U<sub>3</sub>O<sub>8</sub> = Very low.
- 100 - 105 - As above.  
SAMPLE No. 14 - 5' @ Au = 0.01 oz. U<sub>3</sub>O<sub>8</sub> = Very low.
- 105 - 110 - As above.  
SAMPLE No. 15 - 5' @ Au = 0.005 oz. U<sub>3</sub>O<sub>8</sub> = Very low.
- 110 - 115 - As above.  
SAMPLE No. 16 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Very low.
- 115 - 120 - As above.  
SAMPLE No. 17 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Very low.
- 120 - 125 - As above. SAMPLE No. 18 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Very low.
- 125 - 150 - Greywacke, unaltered, a few small pebbles.
- 150 - END OF HOLE.

*John L. Bridger, P. Eng.*  
John R. B. Bridger, 12, St. ...

BRIDGER PROPERTY - CURTIN TC , ONTARIO

LOG OF DIAMOND DRILL HOLE

No. 3

DIP - 75° (Collar) LOCATION - 140' North of Vertical Shaft Started - 15/2/54  
AZIMUTH - 180° 245' East of Vertical Shaft Stopped - 18/2/54

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- 0 - 32 - Casing (Clay to bedrock.)
- 32 - 35 - Greywacke, very siliceous.
- 35 - 35 - Quartzite, pink and brown, very sparse scattered pyrite.
- 35 - 53 - Quartzite and greywacke, banded, scattered fine pebbles, a few up to 1" diameter, fairly numerous, narrow quartz-carbonate stringers, and bands of carbonate alteration. Very sparse, scattered pyrite, some plated on fractures.
- 53 - 57 - Quartzite, dark grey, a few narrow quartz stringers, fair pyrite in erratic segregations, some carbonatization. Weak radio-activity ?  
SAMPLE No. 19 - 4' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.
- 57 - 129 - Quartzite, dark grey, some banding, flecked with small greyish-white crystals, (like phenocrysts), very sparse scattered pyrite.
- 129 - 150 - Quartzite, light grey, massive, fine-grained, very little mineralization or alteration.
- 150 - 155 - Quartzite, altered, carbonatized, numerous white and grey, quartz-carbonate stringers, sparse pyrite with stringers and on fractures and slips.  
SAMPLE No. 20 - 5' @ Au = 0.01 oz. U<sub>3</sub>O<sub>8</sub> = Nil.
- 155 - 160 - As above. SAMPLE No. 21 - 5' @ <sup>Au</sup> = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.
- 160 - 165 - As above. SAMPLE No. 22 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.
- 165 - 170 - As above. SAMPLE No. 23 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.
- 170 - 175 - As above. SAMPLE No. 24 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.
- 175 - 180 - As above.
- 180 - 185 - As above. SAMPLE No. 25 - 5' @ Au = Nil. U<sub>3</sub>O<sub>8</sub> = Nil.
- 185 - 190 - As above.
- 190 - 195 - As above. SAMPLE No. 26 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.
- 195 - 200 - As above.
- 200 - 205 - As above.
- 205 - 210 - As above. SAMPLE No. 27 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.
- 210 - 215 - As above.
- 215 - 220 - As above. SAMPLE No. 28 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil.

DIAMOND DRILL HOLE No. 3 (Cont)

- 220 - 225 - Quartzite, greenish grey, a few pebbles, not much alteration or mineralization, a few narrow quartz-carbonate stringers, very sparse pyrite.
- 225 - 231 - Quartzite, altered and carbonatized, narrow quartz-carbonate stringers, 8" well mineralized with pyrite, scattered small pebbles.  
SAMPLE No. 29 - 3' @ Au = Tr.  $U_3O_8$  = Nil.
- 228 - 232 - Quartzite, altered and carbonatized, narrow quartz-carbonate stringers, fair scattered pyrite, scattered small pebbles.  
SAMPLE No. 30 - 4' @ Au = Tr.  $U_3O_8$  = Nil.
- 232 - 262 - Greywacke-Conglomerate, numerous small pebbles, a few scattered larger ones. Very few narrow quartz-carbonate stringers, very little mineralization.
- 262 - 339 - Quartzite, dark grey, massive, fine-grained, a few narrow quartz-carbonate stringers, and bands of carbonate alteration, a little pyrite in the stringers and on the fractures and slips. A few pebbles.
- 339 - 364 - Greywacke-Conglomerate, coarser grained, siliceous, with scattered small pebbles, and a few larger ones. Very few quartz-carbonate stringers, and bands of carbonate alteration. Very little mineralization.
- 364 - - END OF HOLE.

John R. Budgett  
P. Eng.

BRIDGER PROPERTY - CURTIN TOWNSHIP, ONTARIO

LOG OF DIAMOND DRILL HOLE

No. 4

DIP - 75° (Collar) LOCATION - 240' North of Vertical Shaft. Started - 19/2/54  
AZIMUTH - 180° 445' East of Vertical Shaft. Stopped - 20/2/54

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- 0 - 88 - Casing - 0 - 85 - Clay  
85 - 88 - Gravel
- 88 - 90.5 - Quartzite, grey, banded.
- 90.5 - 95.5 - Quartzite, altered, carbonatized, numerous narrow quartz stringers, fair pyrite.  
SAMPLE No. 31 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 95.5 - 115 - Quartzite, grey, banded, a few bands of carbonatization, and sparse pyrite mineralization.
- 115 - 120 - Quartzite, altered, carbonatized, numerous narrow quartz-carbonate stringers, fair pyrite with the quartz-carbonate stringers.  
SAMPLE No. 32 - 5' @ Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 120 - 125 - As above. SAMPLE No. 33 - Au = 0.02 oz. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 125 - 130 - As above. SAMPLE No. 34 - Au = 0.02 oz. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 130 - 135 - As above. SAMPLE No. 35 - Au = 0.06 oz. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 135 - 140 - As above. SAMPLE No. 36 - Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 140 - 145 - As above. SAMPLE No. 37 - Au = 0.07 oz. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 145 - 150 - As above. SAMPLE No. 38 - Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 150 - 155 - As above. SAMPLE No. 39 - Au = 0.04 oz. U<sub>3</sub>O<sub>8</sub> = Nil very low.
- 155 - 160 - As above. SAMPLE No. 40 - Au = 0.02 oz. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 160 - 165 - As above. SAMPLE No. 41 - Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 165 - 195 - Quartzite, grey, very little alteration. a few narrow quartz stringers, and bands of carbonate alteration, very little mineralization, sparse arsenopyrite in the last three feet.
- 195 - 200 - Quartzite, altered, narrow bands of carbonatization, a narrow quartz-carbonate stringers, fair pyrite and some arsenopyrite.  
SAMPLE No. 42 - 5' - Au = 0.05 oz. U<sub>3</sub>O<sub>8</sub> = Nil to very low.
- 200 - 205 - As above. SAMPLE No. 43 - 5' - Au = Tr. U<sub>3</sub>O<sub>8</sub> = Nil to very low.

DIAMOND DRILL HOLE No. 4 (Cont)

205 - 210 - As above. SAMPLE No. 44 - 5' - Au = Tr.  $U_3O_8$  = Nil to very low.  
210 - 215 - As above. SAMPLE No. 45 - 5' - Au = Tr.  $U_3O_8$  = Nil to very low.  
215 - 220 - As above. SAMPLE No. 46 - 5' - Au = Tr.  $U_3O_8$  = Nil to very low.  
220 - 225 - As above. SAMPLE No. 47 - 5' - Au = Tr.  $U_3O_8$  = Nil to very low.  
225 - 229 - As above. SAMPLE No. 48 - 4' - Au = Tr.  $U_3O_8$  = Nil to very low.  
229 - 233 - As above. SAMPLE No. 49 - 4' - Au = Tr.  $U_3O_8$  = Nil to very low.  
233           END OF HOLE.

Machine shifted out of line because of thaw. Casing broken and lost, unable to complete hole.

*John R. Bridger P. Eng*

John R. Bridger, M. Soc., P. Eng.



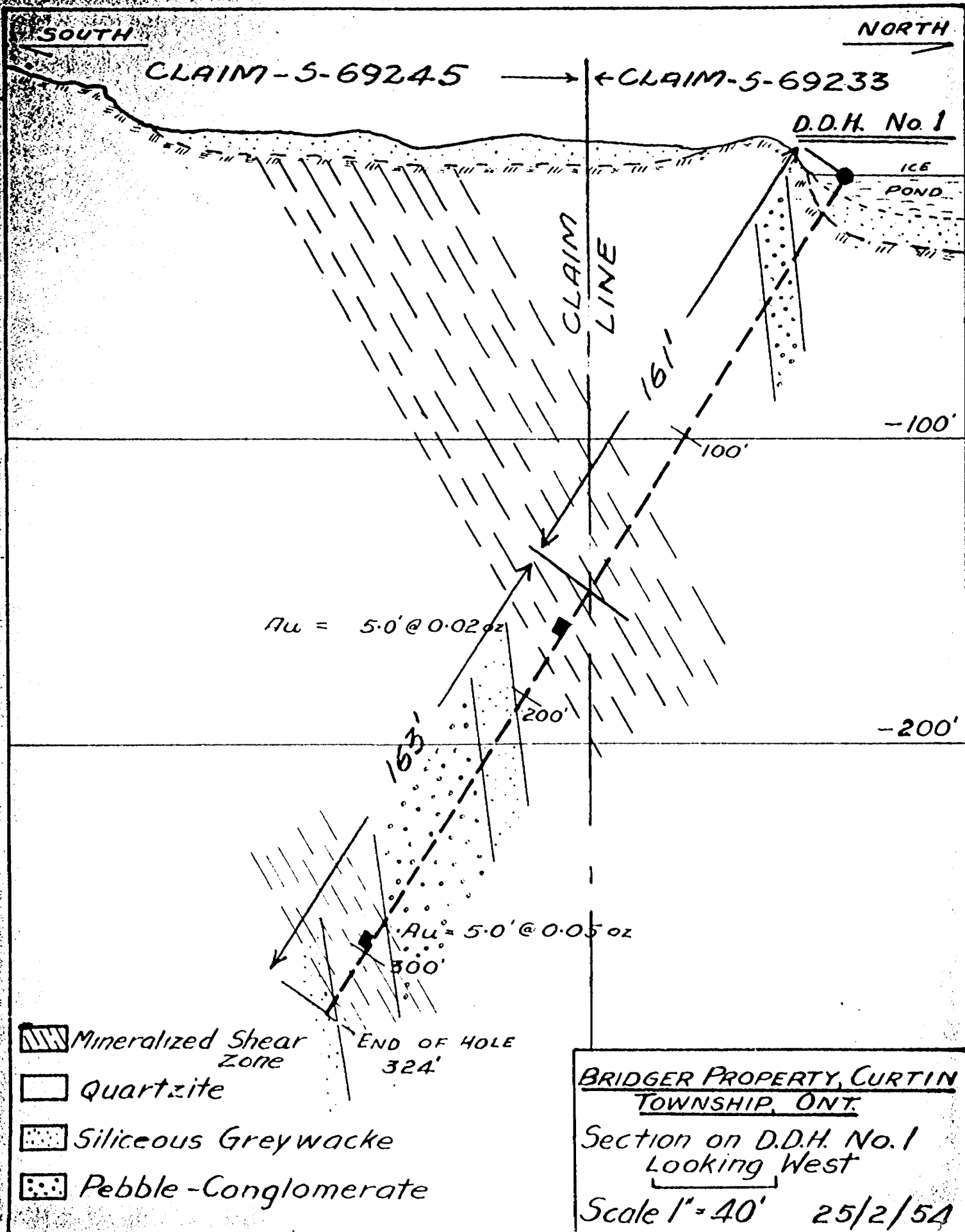
DISTRIBUTION OF DIAMOND DRILL FOOTAGE

Claims S - 69233 and S - 69245, Curtin  
Township, Ontario.

	GROUP No. 2 S-69245	GROUP No. 1 S-69233	Total
D. D. H. No. 1	163'	161'	324'
D. D. F. No. 2	127'	23'	150'
D. D. H. No. 3	40'	324'	364'
D. D. H. No. 4		233'	233'
	330'	741'	1071'

*John R. Bridger, P. Eng.*

John R. Bridger, M. So., P. Eng.



SOUTH

NORTH

CLAIM-5-69245

← CLAIM-5-69233

D.D.H. No. 1

ICE  
POND

CLAIM  
LINE

-100'

Au = 5.0' @ 0.02 oz

-200'

163'





200'

163'

Au = 5.0' @ 0.05 oz

300'

END OF HOLE  
324'

-  Mineralized Shear Zone
-  Quartzite
-  Siliceous Greywacke
-  Pebble-Conglomerate

BRIDGER PROPERTY, CURTIN  
TOWNSHIP, ONT.

Section on D.D.H. No. 1  
Looking West

Scale 1" = 40' 25/2/54

SOUTH

CLAIM 5-69245

CLAIM 5-69233

D.D.H. No. 2

D.D.H. No. 3

ICE POND

END OF HOLE 150'

CLAIM LINE

-100'

100'

-200'





200'

-300'

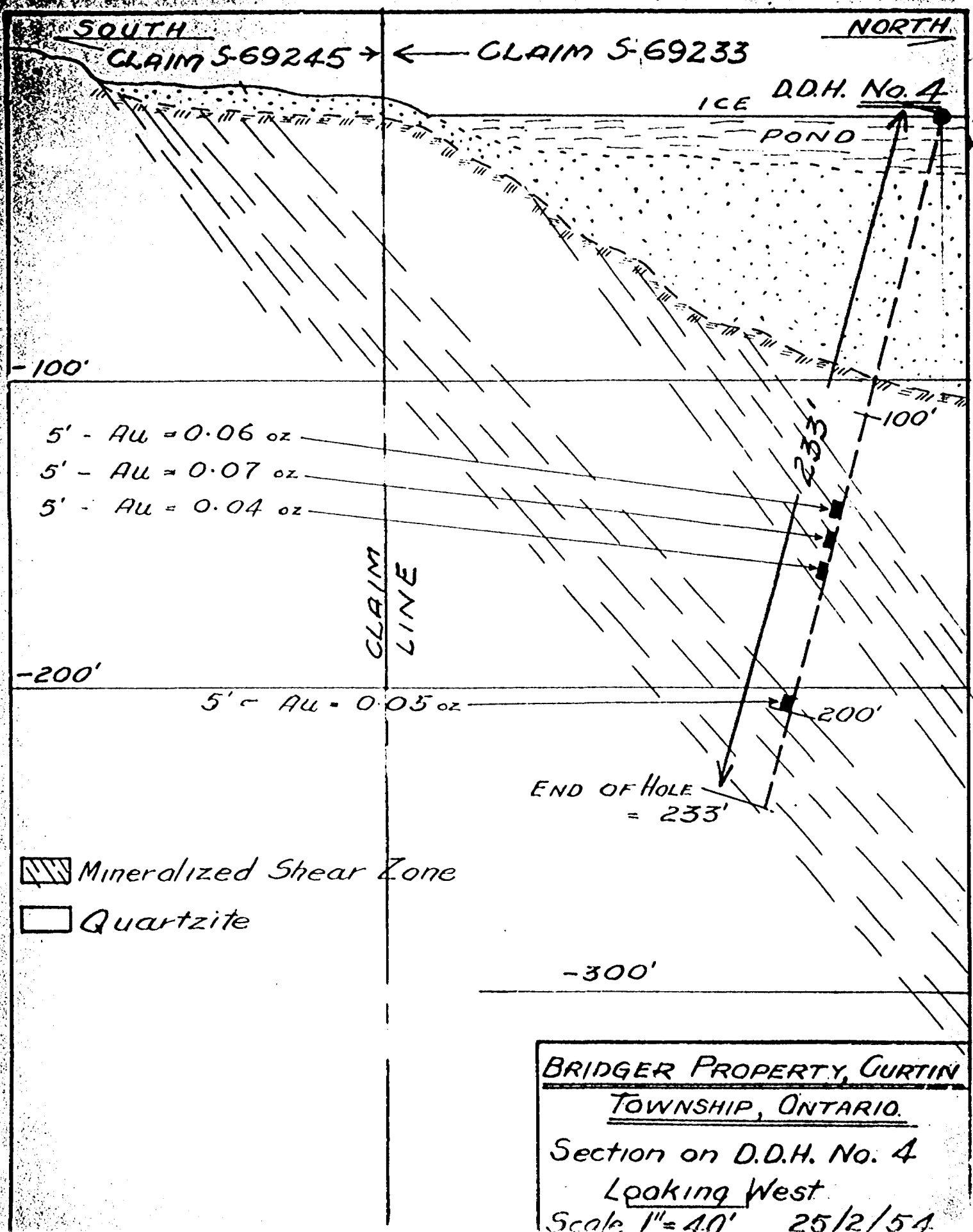
300'

40'

END OF HOLE 364'

-  Mineralized Shear Zone
-  Quartzite
-  Siliceous Greywacke
-  Pebble-Conglomerate

BRIDGER PROPERTY, CURTIN  
 TOWNSHIP, ONT.  
 Section on D.D.H's No. 2 and No. 3  
 Looking West  
 Scale 1" = 40' 25/2/54



BRIDGER PROPERTY, CURTIN  
 TOWNSHIP, ONTARIO.  
 Section on D.D.H. No. 4  
 Looking West  
 Scale 1" = 40' 25/2/54

BRIDGER PROPERTY, CURTIN

TOWNSHIP, ONTARIO.

SURFACE PLAN SHOWING  
LOCATION OF DIAMOND  
DRILL HOLES

Scale 1" = 60' 25/2/54

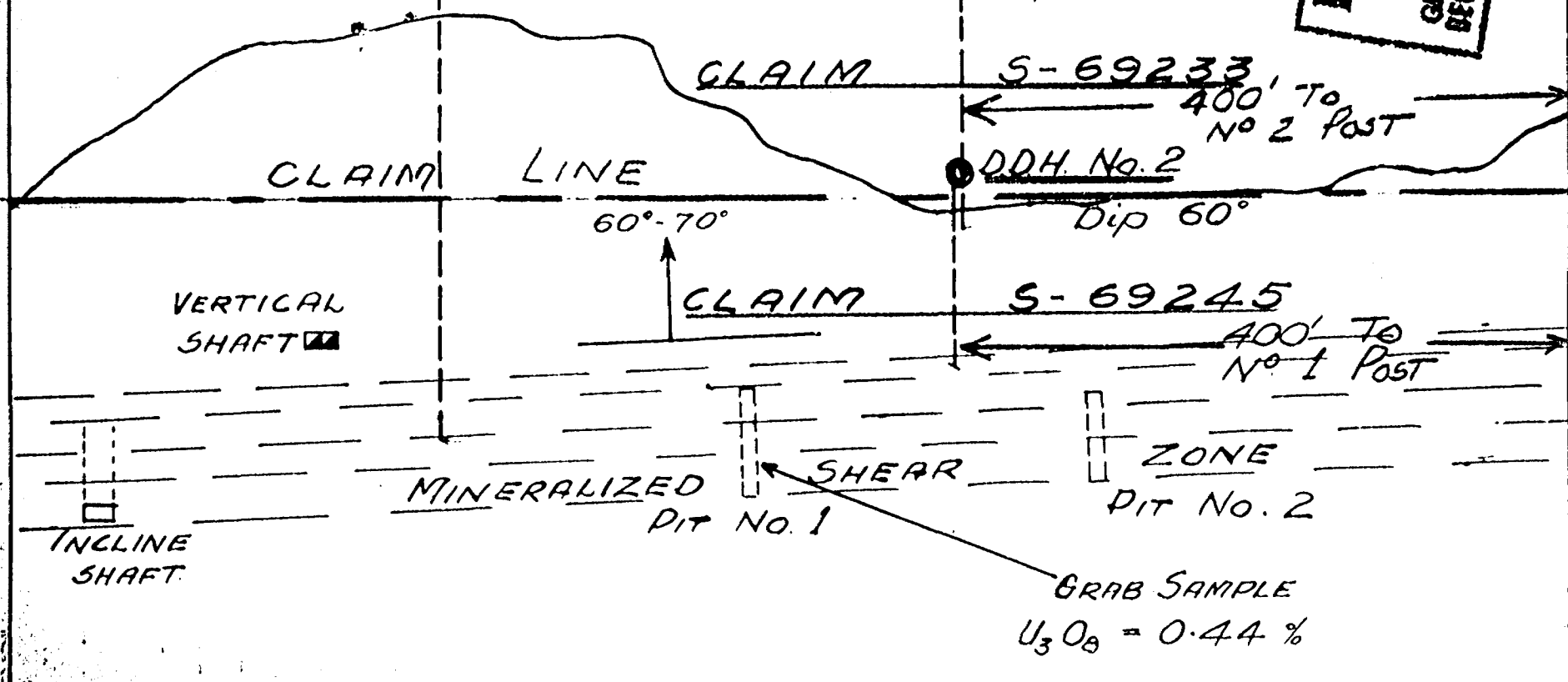
NORTH (Astro)

BEAVER POND

D.D.H. No. 1  
Dip 58°

D.D.H. No. 3  
Dip 75°

D.D.H. No. 4  
Dip 75°  
**RECEIVED**  
MAY 6 1954  
GEOLOGICAL BRANCH  
DEPARTMENT OF MINES



CLAIM LINE

CLAIM

S-69233

400' To  
No 2 Post

D.D.H. No. 2

Dip 60°

60°-70°

CLAIM

S-69245

400' To  
No 1 Post

VERTICAL  
SHAFT

MINERALIZED

PIT No. 1

SHEAR

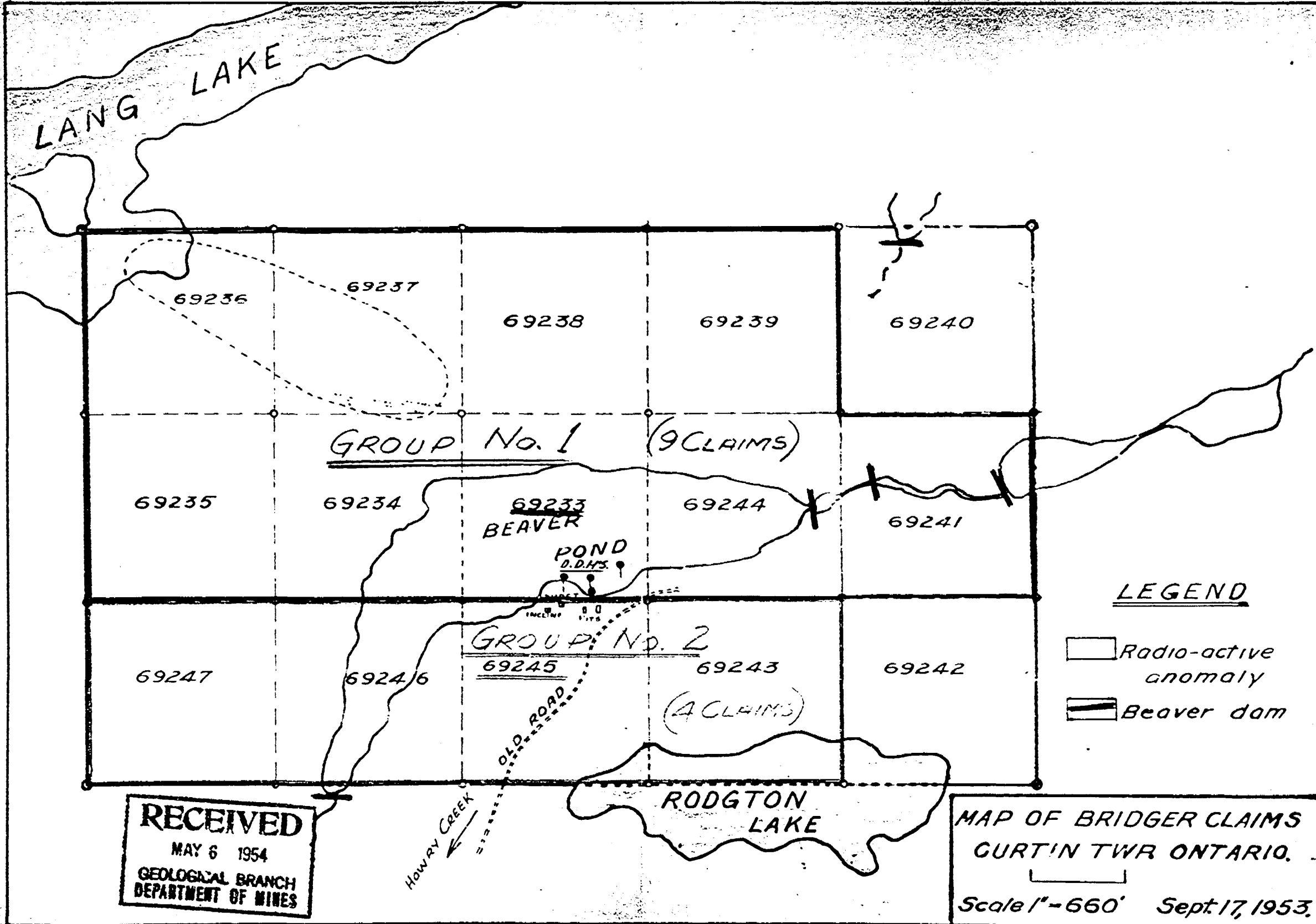
ZONE

PIT No. 2

INCLINE  
SHAFT

GRAB SAMPLE

$U_3O_8 = 0.44\%$



**RECEIVED**  
 MAY 6 1954  
 GEOLOGICAL BRANCH  
 DEPARTMENT OF MINES

**LEGEND**  
 □ Radio-active anomaly  
 ≡ Beaver dam

**MAP OF BRIDGER CLAIMS  
 CURTIN TWR ONTARIO.**  
 Scale 1" = 660' Sept. 17, 1953.

Feb. 26<sup>th</sup> 1954