



31E01SE0103 19 CARDIFF

010

# Diamond Drilling

Township of CARDIFF

Report No 19

Work performed by: Halo Uranium Mines

Claim No	Hole No	Footage	Date	Note
EO 7389	401	300.0'	Aug/55	
	402	201.0'	Aug/55	
	403	400.0'	Aug/55	
	404	158.0'	Aug-Sept/55	
	405	297.0'	Sept/55	

Notes:

5-35

DDH 401

DDH 401

Location: On claim 7389  
N $\frac{1}{2}$  Lot 4 Con. VIII  
Cardiff Twp.

Commenced: Aug. 14/55

Completed: Aug. 18/55

Dip: 45 degrees S 70° W

Depth: 300'

960' S of } N.E. cor 7389  
680' W of }

Logged by: E.N. Murphy

Depth	Description
0.0-5.0'	Casing
-67.6	Mainly biotite gneiss - light to dark grey, generally medium grained, some sections slightly granitized, some included sections of fine grained paragneiss. Lamination @ 45 degrees to CA
-89.8	Garnet paragneiss - light grey, medium hard, medium grained, some sections radioactive, lineation @ 55-60 degrees to CA
-227.2	Leuco granite pegmatite - reddish brown to pale grey, low to medium crush, flecked with biotite, Mg minerals, some sections gneissic, occasional patches of purple fluorite, some pyrite, upper contact irregular, lower contact radioactivity in the following sections: 89.8-109, 119.8-129.2, 148.8-165.6, 175.0-185.0, 190.0-201.9,
-232.3	Gneiss (granitized) - light grey, medium grained, lineation @ 65 degrees to CA
-255.0	Biotite paragneiss - light grey to dark grey, medium grained, granitized in part
-264.5	Leuco granite pegmatite - pale grey, low crush, upper contact broken, lower irregular, moderate radioactivity at 255.0-256.8
-277.4	Garnet paragneiss - as above, lineation @ 75 degrees to CA
-300.0	Biotite paragneiss - as above, lineation @ 50 degrees to CA; 290.4-291.0 test core

300.0' end of hole

*E.N. Murphy*  
Apt 21/55

360  
290  
207

DDH 402

Location: 980' S of and  
820' W of the  
NE corner of  
Claim 7389  
Cardiff Twp.

Commenced: Aug. 19/55

Completed: Aug. 20/55

Depth: 201'

Dip: 45 degrees

Logged by: E.N. Murphy

<u>Depth</u>	<u>Description</u>
0.0-15.0'	Casing
-37.2	<u>Amphibole gneiss</u> - dark grey, medium grained, some feldspathic injection, lineation @ 53 degrees to CA
-62.6	<u>Leuco granite pegmatite</u> - reddish brown to pale grey, low to medium crush, some pyroxene and fluorite, a few gneissic sections, upper and lower contacts irregular; moderate radioactivity between 38.0-43.0, 43.0-47.6.
-72.5	<u>Paragneiss (granitized)</u> - light grey, fine grained, medium hard, lineation @ 65 degrees to CA
-102.8	<u>Leuco granite pegmatite</u> - reddish brown to pale grey, low crush, some short slightly gneissic sections, upper contact broken, lower irregular; moderate radioactivity between 77.4-102.8
-111.8	<u>Paragneiss (granitized)</u> - as above, banding @ 60 degrees to CA
-124.4	<u>Leuco granite pegmatite</u> - reddish brown to pale pink, nil crush, upper contact @ 70 degrees to CA, lower irregular
-201.0	<u>Paragneiss (granitized)</u> - as above, pyroxenic in part, banding @ 60 degrees to CA
201.0'	End of Hole

*Left 21/55*

DDH 403

Location: 980' S of and  
822' W of the  
NE corner of  
Claim 7389  
Cardiff Twp.

Commenced: Aug. 21/55

Completed: Aug. 26/55

Depth: 400'

Dip: 80 degrees

Logged by: E.M. Murphy

<u>Depth</u>	<u>Description</u>
0.0-15.0'	Casing
-46.2	<u>Para gneiss</u> - light and dark grey, fine grained, some feldspathic injection, lamination @ 65 degrees to CA
-74.7	<u>Leuco granite pegmatite</u> - pale grey, nil to low crush, some slightly gneissic sections, upper contact broken, lower irregular; moderate radioactivity between 46.2-58.4, 59.7-63.3, 73.0-74.7
-85.4	<u>Para gneiss</u> - as above, lamination @ 50 degrees to CA
-110.4	<u>Leuco granite pegmatite</u> - reddish brown to pale grey, low crush, some slightly gneissic sections, some pyrite and fluorite patches; mpx moderate radioactivity between 85.4-110.4
-203.3	<u>Mainly para gneiss</u> - as above, a few quite biotitic sections, a few short granitized sections, banding @ 65 degrees to CA
-213.1	<u>Leuco granite pegmatite</u> - pale grey, nil to low crush, slight radioactivity from 206.5-207.1, upper contact broken, lower @ 65 degrees to CA
-330.1	<u>Biotite para gneiss</u> - dark grey, medium grained, some feldspathic injection, some sections granitized, banding @ 60 degrees to CA; 317.2-319.7 amphibole gneiss
-340.4	<u>Garnet para gneiss</u> - light grey, medium hard, banding @ 55 degrees to CA
-400.0	<u>Para gneiss</u> - light to dark grey, fine grained, some slightly granitized sections, some pyrite, banding @ 55 degrees to CA
400.0'	End of Hole

*E.M. Murphy*  
*Sept 26/55*

DIAMOND HILL MINE

Halo Uranium Mine

DDH 404

DDH 404

Location: 940' S of and  
840' W of the  
NE corner of  
claim 7389  
Cardiff Twp.

Dip: 45 degrees

Commenced: Aug. 27/55

Completed: Sept. 6/55

Depth: 158'

Logged by: E.N. Murphy

<u>Depth</u>	<u>Description</u>
0.0-10.0'	Casing
-17.9	<u>Leuco granite pegmatite</u> - pale grey, n.l. crush, slightly radioactive, lower contact irregular
-58.4	<u>Paragneiss</u> - light and dark grey, fine to medium grained, hard, a few short granitized sections, some pyrite, some sections slightly chloritic, lamination @ 55-65 degrees to CA; 45.2-48.2 leuco granite pegmatite
-105.8	<u>Leuco granite pegmatite</u> - reddish brown to pale grey, low crush throughout, some slightly gneissic sections, upper contact @ 55 degrees to CA, lower @ 45 degrees to CA; moderate radioactivity between 81.3-81.2
-158.0	<u>Mainly paragneiss</u> - as above, some quite biotitic sections, some feldspathic injection banding @ 45 degrees to CA
158.0'	End of Hole

*E.N. Murphy*

DDH 405

Location: 950' S of and  
870' W of the  
NE corner of  
claim 7389  
Cardiff Twp.

Commenced: Sept. 7/55  
Completed: Sept. 10/55  
Depth: 297.0'  
Logged by: E.N. Murphy

Dip: 70 degrees

<u>Depth</u>	<u>Description</u>
0.0-10.0'	Casing
-30.0	<u>Biotite paragneiss</u> - dark grey, medium grained, slightly granitized in part, lineation @ 70 degrees to CA
-32.5	<u>Leuco granite pegmatite</u> - pale grey, low crush, upper and lower contacts irregular; moderate radioactivity between 30.0-32.5
-51.4	<u>Biotite paragneiss</u> - as above, some pyrite, lineation @ 50 degrees to CA
-55.0	<u>Leuco granite pegmatite</u> - reddish brown to pale grey, low crush, upper contact broken, lower irregular; moderate radioactivity between 51.4-55.0
-63.4	<u>Paragneiss</u> - light grey, hard, granitized in part, banding @ 75 degrees to CA
-107.1	<u>Leuco granite pegmatite</u> - reddish brown to pale grey, flecked with dark Fe-Mg minerals, nil to low crush, some pyrite, occasional patch of purple fluorite, upper contact @ 65 degrees to CA, lower @ 80 degrees to CA; moderate radioactivity between 83.4-107.1
-133.2	<u>Mainly paragneiss</u> - as above, banding @ 65 degrees to CA
-137.0	<u>Leuco granite pegmatite</u> - pale grey, nil crush, upper contact broken, lower @ 70 degrees to CA
-297.0	<u>Mainly paragneiss</u> - as above, quite biotitic in part, some sections slightly granitized, banding @ 80 degrees to CA
297.0'	end of hole

*E.N. Murphy*