Diamond Drilling

010

Township of TURNER

Report NO 16

Work performed by: Denison Mines Limited

Claim NO	Hole NO	Footage	Date	Note
S 144818	SM68-1	2159.0'	Mar/68	

TOTAL: 1 DH 2159FT

Notes:

DRILL HOLE LOG

PROPERTY McRae Uranium Claims Seagram Twp. HOLE NO. SM-68-1

LAT. DIP 90° HOLE STARTED 8 Mar/68

DEP. 850' N of P3-144778 AZIMUTH HOLE FINISHED 7 May/68

ELEV. P4-144799 LOGGED BY M. E. Woakes LENGTH 2,159' SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH
	From To		
0.0- 6.0	Casing		
6.0-229.7	BRUCE CONGLOMERATE: At top a darkish grewacke type matrix with rounded pebbles upto 1½" whitish granite and/or quartz. After 14' no longer conglomeratic but a rather dark argillitic massive material with some quartz eyes, occasionally a little pyrite.		
40.5- 69.0	Predominantly a more siliceous and coarser grained rock, dirty quartzite type with a few lenses of finer grained argillaceous material as above. Bedding never very clear but suggests ±70°. Gradually becomes increasingly coarser grained and at bottom is coarse grained with small fragments siltsone(")in quartzite matrix and mica, some bedding and sharp lower contact at 85°.		
69.0- 89.0	Massive, rather dirty greywacke.		
89.0-147.0	Conglomerate, white granite fragments upto several inches but mainly smaller, often some associated pyrite especially near edges. A light grey-green rather fine grained matrix with common quartz eyes.		
147.0-229,0	Continue as above but matrix generally coarser grained matrix(though interbedded at top), more siliceous and quartzose greywacke type, fragments more variegated including possible chert. Some zones suggest fracturing and bleaching. Occasional bedding °80° and at 225' 90°.		
	At 229' last of greywacke type material followed by 9" gradational change to quartzite.		
229.5-917.5	MISSISSAGI QUARTZITE: A medium grey, finely coarse grained rock, rather massive and uniform though varies slightly in colour, grain size and texture throughout. Some pyrite in frist 10'. Somewhat impure, micaceous groundmass and some probably alteration,e.g.sericitic feldspar-but not extreme type. At 278' some very fine bedding at 75°.		
294.0-305.5	Much finer grained quartzite, massive, slightly argillite and some pyrite blebs.		
305.5-318.0	Argillite(?) greenish, fine grained, chloritic material mostly, with some dirty grey-wacke lenses and groundmas sporadically. Pyrite fairly common. Bedding erratic but probably 60°.		

SHEET #2

DRILL HOLE LOG

PROPERTY McRae Uranium Claims

HOLE NO. SM-68-1

LAT. _____ DIP _____ HOLE STARTED _____

DEP. _____ AZIMUTH _____ HOLE FINISHED _____

ELEV. _____ LOGGED BY _____ LENGTH _____ SIZE _____

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH
	From To		
318.0-345.0	Quartzite, medium grey, medium grained, massive some micaceous groundmass. Has interbedded greenish fine grained chloritic material with very sharp contact, varying from 1" to 40"(the latter at 337'-340.5' and associated with quartz vein.)Bedding 55° to 80°. At 345' some fragments quartzite and cherty, rounded and subangular ¼" to 2", very local.		
345.0-374.5	Quartzite becomes lighter coloured, slightly felspathic(altered) with occasional beds sericitic yellowish quartzite. Bedding 75°-80°. Also some pyrite along bedding. Generally medium grained, very slightly felspathic.		
	After 374.5 pebbly beds become very common(as detailed) in similar light grey quartzite to above with occasional greenish yellowish sericitic colour.		
374.5'-379.0	Alternate pebbly ¼" to ½"(quartz felspar)beds and green fine grained sericitic quartzite.		
379.0-382.0	Quartzite. ¼" pyrite seam.		
382.0-392.0	Coarse gritty and pebbly, upto ½", some felspar, well sorted		
392.0-410.0	Rather finer grained quartzite with yellowish silty partings and some 2' very fine grained siltstone. Generally well bedded 70°-80°. A few inches very coarse gritty at 403'		
410.0-411.5	Several 3" beds coarse gritty-pebbly feldspathic material.		
411.5-417.0	Quartzite, greyish, probably cross-bedded, some gritty material. At 416' some 2" chloritized dykelet.		
417.0-434.0	Quartzite with numerous pebbly conglomerate beds and especially well developed conglomerate 418'-419' and 423-425' where fragments upto ¼" common. Clean, well sorted and washed type conglomerate though occasionally some pyrite and sericitic(?) but matrix generally well packed quartzite. Bedding ±80°.		
434.0-476.0	Greyish, occasionally very slightly greenish, variable quartzite, medium grained, silty partings fairly common and often associated with gritty coarse grained sections. Bedding 70-80°.		
476.0-±498.0	Quartzite, somewhat coarser grained than above, much less well sorted and washed with fine grained sericitic clay matrix around quartz grains, occasionally gritty even pebbly though not in well-defined beds.		

SHEET #3

DRILL HOLE LOG

PROPERTY ... HOLE NO. SH-68-1

LAT. ... DIP ... HOLE STARTED ...

DEP. ... AZIMUTH ... HOLE FINISHED ...

ELEV. ... LOGGED BY ... LENGTH ... SIZE ...

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH			
	From To					
±498.0-513.0	Gradational top contact as grain size increases and continues to increase to 513' where it is conglomeratic with coarse gritty matrix and sub-angular fragments of cherty material upto ½" and single quartz pebble ½". Lower contact very sharp at +70°. Negative radioactivity.					
513.0-584.0	Quartzite, a medium grey, medium grained, rather massive and uniform quartzite with a little felspathic material and rather poorly sorted, fair amount fine ggrained matrix and occasional very randomely scattered pebble. At 518' a 1½" rounded quartz pebble and elsewhere ½" silty quartzite. Occasional bleb e.g. at 592' - ½".					
584.0-591.5	Argillite with minor interbedded more quartzose material near bottom. Dark grey green, rather massive, some pyrite on fractures. Contacts sharp but irregular(acour-fills?)at high angles.					
591.5-641.5	Quartzite, similar to 515'-584'.but possibly a little coarser grained. Last ±5' rather cleaner and better sorted.					
641.5-671.0	Quartzite and interbedded siltstone. Predominantly medium grained grey quartzite with some white clean dense quartzite but with fairly numerous fine grained silty layers upto 1" but commonly less. These are at very high angle to core +80°. Often gradational contacts A little fine pyrite.					
671.0-701.0	Quartzite, grey, generally medium grained, some parts slightly coarser, even fine pebbles 3/16" at base. Probably slightly felspathic.					
701.0-739.0	Quartzite and minor siltstone, generally a finer grained quartzite, dirtier and less well sorted. Fine grained silty and argillitic beds fairly common. High angle 80° bedding.					
739.0-768.0	Quartzite, arbitrary top contact, lighter grey, rather poorly sorted and fine-medium grained. Ocasional minor silty parting and bedding 65°.					
768.0-781.0	Coarser material with some sericitic gritty to fine pebbly 1/8" beds. Some siltstone partings and probably felspathic.					

DRILL HOLE LOG

PROPERTY ...

HOLE NO. SH-68-1

LAT. ... DIP ... HOLE STARTED ...

DEP. ... AZIMUTH ... HOLE FINISHED ...

ELEV. ... LOGGED BY ... LENGTH ... SIZE ...

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH	From	To	
781.0-888.0	Quartzite, Predominantly grey light, medium grained fairly dense but has considerable variation with coarser and finer grained, some silty partings, change in sorting and type of matrix etc. Bedding 60-70° Variations generally 'rhythmic' as for example gradually increasing grain size etc. Lower contact rather arbitrary Section from 843-873' probably felspathic.					
888.0-903.5	Coarser grained, moderately felspathic, with quartz pebbles up to ¼"(891') and some scattered pyrite blebs subcuhedral. Moderately well sorted.					
903.5-917.5	Medium grained greyish quartzite, a little felspar fairly dense; silty seams fairly common at +60°.					
917.5-926.3	DYKE. Lamprophyric, coarse grained, dark blackish mica with lighter felsic sports (carbonate??) up to 3/16". Some small inclusions of quartose material. Sharp contacts parallel to bedding with slight chilled effect.					
926.3-1981.3	MISSISSAGI QUARTZITE. As above dyke. 926.3-1205.0' Varying shades grey, medium to coarse grained and has several pebble beds e.g. 950', 960.5', etc. Where rounded fragments cherty quartzite and quartz material up to 1", with some pyrite, forms single layered pebbled band. Some silty parting 70° especially down to 950'. Thereafter appears to become more felspathic and slightly sericitic matrix. Still a rare ¼" pebble randomly scattered. Grain size medium to coarse, usual variation. Some pyrite e.g. 1,006' but silty partings very rare or absent, 65° @ 1012'. Some faint beddings 65° @ 1065'. At 1,063' a mixed soft chloritic layer and some possible quartz veining. Occasional bleb pyrite occurs e.g.1082'. At 1070' a single pebble payer bed with ¼" fragments of subangular silty material. At 1156' a 3" bed darker finer grained quartzite with sharp edges (minor pyrite along margins) at 52°. Continues very uniform and massive.					
1205.0-1260.0	Quartzite, similar to above, but has fairly frequent thin interbeds of light grey fine grained quartzitic siltstone from ¼" to 6" at ±50°. Fine disseminated pyrite in quartzit moderately common though sparse and occasional coarse ¼" e.g.1218' with possible pebbles but no R.A.(±1235'-55' some very slight variations in RA with maximum 1.5X8G) At 1,264' a single layer ¼" pebbles.					

DRILL HOLE LOG

SHEET 5

PROPERTY

HOLE NO. SH-68-1

LAT.

DEP.

DIP

AZIMUTH

HOLE STARTED

HOLE FINISHED

ELEV.

LOGGED BY

LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH			
	From To					
1260.0-1303	Perceptibly darker grey and finer grained, though actual top and bottom contacts gradational. Some slight RA. Some bedding 60° in silty material and overall is very similar to preceding but is fine-medium grained, probably slightly felspathic quartzite.					
1303.0-1350	Quartzite, medium to coarse grained, slightly felspathic some fine sericite(?) matrix, often moderately poorly sorted. Massive and uniform. Quartz pebbles with pyrite and chalcopyirte at 1323' in single layer at 50°, up to 1½", no RA. Other randomely distributed pebbles occur.					
1350.0-1440	More variable, with finer grained sections than above which are dark. Bedding 60° at 1401' where slightly finer grained beds occur. Occasional quartz pebble and fine pyrite occur but no associated RA.					
1440-1542.0	Quartzite, typically fine medium grained, rather poorly sorted, some sulphides, pyrite and pyrrhotite, fairly common. At 1443' 3" quartz pebbles, pyrite and very slight R.A. At 1473' some 6" of vein type material, quartz, sulphide and chlorite. Some faint bedding 50° 60° at ±1470'. Often has thin, slightly coarser pebbly gritty beds e.g. at 1530', 60°.					
1542-1629.0	Becomes perceptibly coarser and less uniformly regular. Medium grained, dark medium grey, with some flighter patches. Rarely bedded though 40° @ 1567', 65° at 1572'. Some scattered sulphides. At 1546' either fine grained boulder or scour fill. At 1576' some cherty ¼" pebbles and quartz pebble ¼" and fine pyrite. No. RA. Overall is not well washed or very clean. Gradually becomes increasingly coarser grained especially 1614'-1624' which is also felspathic; the next 5' rather mixed interbedded coarse and fine with good bedding 45-55°.					
1629-1655.0	A slightly darker grey, definitely finer grained rock with some minor fine grain beds up to 18" of massive almost cherty material.					
±1655-1707	Gradational changes to slightly coarser material similar to 1542'-1629'. Beds pebbles not at all uncommon ranging from one pebble thick up to 12". Quartz and felspar(?) up to ½" but more commonly 1/8" e.g.1679'; 1683-84'; 1697'; 1705' etc. Angle of these beds appears to be 45-50°. Occasionally some pyrite.					
1707-1711.0	Gradational top contact becoming darker, dirtier and finer grained.					

DRILL HOLE LOG

PROPERTY _____ HOLE NO. _____

LAT. _____ HOLE STARTED _____

DEP. _____ AZIMUTH _____ HOLE FINISHED _____

ELEV. _____ LOGGED BY _____ LENGTH _____ SIZE _____

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH			
	From To					
1711-±1735	Rather fine medium grained, slightly arkosic with some fine grained matrix, poorly sorted. Occasional coarser bed 45°. Rare spots pyrite.					
±1735-1805	Quartzite, medium to coarse grained, rather massively uniform material as above but coarser; rather poorly sorted and dirty. Some fine grained beds ±50°. At 1770' small 3" dyke. Several sections (1795'-02'; 1802-06') core is shattered and hard to examine but appears same as above though some coarser, 1/8" quartz grain noted. Some scattered disseminated pyrite. and chalcopyrite. R.A. as noted below :					
	Quartzite, no appreciable R.A. 1751.0-1793.0 Quartzite, 3" scattered pebblesX2BG 1793.0-1794.3 Quartzite, minor R.A. 1794,3-1796.3 Quartzite, some R.A. 1796.3-1799.3					
1805-1821.0	Quartzite, medium grained, grey speckled, slightly felspathic, some pebbly gritty bands, especially last 3' with pebbles upto 3/8" and traces pyrite. No. R.A.					
1821-1872.3	Quartzite, rather dark grey, very dirty and poorly sorted, almost greywacke. Some pebbles at 1840.0. Massive greenish grey occasional streak pyrite, gradually becoming more quartzose at base. R.A. as noted bleow and section 1831-40; a good quartzite, lighter grey. Several pebble bands e.g.1864, 1866' etc.					
	Dark grey, X2-3BG 1826.0-1828.0 Slightly coarse, sight R.A. 1828.0-1829.0 Dark grey - X3BG 1829.0-1831.0 Light grey, cleaner, slight R.A. 1831.0-1832.0 No. R. A. detected 1832.0-1833.5 Dark grey, slightly pyritic X2BG 1841.0-1843.0					
1872.5-1925	Quartzite-Rather medium grained grey, similar 1805-1821' type massive quartzite. Occasional peculiar structure from 1876-1906' suggesting slump breccia and some fair amount fine grained chloritic material as matrix and as thin contorted beds etc. Core also often badly fractured. Bedding 40°-1908' After 1908' more uniform and coarse grained quartzite with a few fine grained silty beds at ±45°, gradually becoming coarser and coarser.					
1925.0-1928.3	Quartzite, rather dark grey, medium grained to coarse, poorly sorted and washed with conglomerate, pebble and grit fragments. Massive, no bedding, No R.A.					

DRILL HOLE LOG

SHEET 7

PROPERTY

HOLE NO. SH-68-1

LAT. DIP HOLE STARTED

DEP. AZIMUTH HOLE FINISHED

ELEV. LOGGED BY LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH			
		From	To			

1928.0-1932 Pebbles to ½", quartz and felspar, fair pyrite in places, also at 1942', 1958'. Lost 12" argillitic chlorite, bedding 50°.

1868.5-1981.3 Conglomeratic, quartz and chert well rounded to subrounded pebble ( ) Well packed, pyritic to 10%, dirty matrix. No R.A.

Check sample of conglomerate 1971.5-1974.0
Very slight RA 1975.0-1976.5
Check sample of Conglomerate 1979.0-1981.0
Lower contact 55° with basement.

1981.3-1994.8 BASEMENT. Fine grained, green, slightly siliceous probably dacitic volcanic flow. Some breccia type structure. possibly flow breccia. Fine veinlets pyrite and chalcopyirte fairly common.

1994.8-2159.0 DIABASE. Initially fine grained with minute white spots, massive. Becoming more mottled and grainy with numerous quartz-carbonate veins and some pyrite. Maybe finer grained at end.

DRILL HOLE LOG

SHEET 8

PROPERTY

HOLE NO. SH-68-1

LAT. DIP HOLE STARTED

DEP. AZIMUTH HOLE FINISHED

ELEV. LOGGED BY LENGTH SIZE

FOOTAGE	DESCRIPTION			SAMPLE NO.	LENGTH			
		From	To					

E.O.H.

Pojaric Tests

at 450' - Dip 66° Azimith 260°

1000' - 56° 278°

1500' - 46° 276°

Dip Tests

At 100' - Dip 85°15'
200' - 75°15'
300' - 68°45'
400' - 65°45'
500' - 62°00'
600' - 62°00'
700' - 60°00'
800' - 59°30'
900' - 58°30'
1000' - 57°15'
1100 - 54°15'
1200' - 53°45'
1300' - 50°15'
1400' - 49°15'
1500' - 47°15'
1600' - 45°00'
1700' - 43°15'
1800' - 40°15'
1900' - 36°30'
2000' - 35°00'
2100' - 35°30'

DRILL HOLE LOG

PROPERTY McRae Uranium Claims, Cowan Twp.
HOLE NO. GH - 68 - 1
LAT.
DIP 90°
HOLE STARTED 8 March 1968
DEP. 850' N of P3-144778
AZIMUTH
HOLE FINISHED 7 May 1968
ELEV. P4-144799
LOGGED BY H.E. Hooker
LENGTH 2,159' SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH
	From To		
0.0 - 6.0	CASING.		
6.0 - 229.7	BRUCE CONGLOMERATE. At top a darkish greywacke type matrix with rounded pebbles up to 1½" whitish granite and/or quartz. After 14' no longer conglomeratic but a rather dark argillitic massive material with some quartz eyes, occasionally a little pyrite. 40.5' - 69.0': Predominantly a more siliceous and coarser grained rock, dirty quartzite type with a few lenses of finer grained argillaceous material as above. Bedding never very clear but suggests ±70°. Gradually becomes increasingly coarser grained and at bottom is coarse grained with small fragments siltstone (<¼") in quartzite matrix and mica, some bedding and sharp lower contact at 85°. 69.0' - 89.0': Massive, rather dirty greywacke. 89.0' - ±147.0': Conglomerate, white granitic fragments up to several inches but mainly smaller, often some associated pyrite especially near edges. A light greygreen, rather fine grained matrix with common quartz eyes. ±147.0' - 229.0': Continues as above but matrix generally coarser grained matrix (though interbedded at top), more siliceous and quartzose greywacke type, fragments more variegated including possible chert. Some zones suggest fracturing and bleaching. Occasional bedding +80° and at 225' 690°. At 229' last of greywacke type material followed by 9" gradational change to quartzite.		
229.5 - 917.5	MISSISSAGI QUARTZITE. A medium grey, finely coarse grained rock, rather massive and uniform though varies slightly in colour, grain size and texture throughout. Some pyrite in first 10'. Somewhat impure, micaceous groundmass and some probably alteration, e.g. sericitic felspar - but not extreme type. At 278' some very fine bedding at 75°. 294' - 305.5': Much finer grained quartzite, massive, slightly argillitic and some pyrite blebs. 305.5' - 318': Argillite (?) greenish fine grained, chloritic material mostly, with some dirty greywacke lenses and groundmass sporadically. Pyrite fairly common. Bedding erratic but probably 60°.		

DRILL HOLE LOG

2

PROPERTY Keno Uranium Claims HOLE NO. K - 61 - 1

LAT. DIP HOLE STARTED

DEP. AZIMUTH HOLE FINISHED

ELEV. LOGGED BY LENGTH SIZE

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH				
	From To						
	318' - 345': Quartzite, medium grey, medium grained, massive, some microscopic groundmass. Has inter-bedded greenish fine grained chloritic material with very sharp contact, varying from 1" to 40" (the latter at 337' - 340.5' and associated with quartz vein). Bedding 55° to 80°. At 345' some fragments quartzite and cherty, rounded and sub-angular ½" to 2", very local.						
	345' - 374.5': Quartzite becomes lighter coloured, slightly felspathic (altered) with occasional beds sericitic yellowish quartzite. Bedding 75° - 80°. Also some pyrite along bedding. Generally medium grained, very slightly felspathic.						
	After 374.5' pebbly beds become very common (as detailed) in similar light grey quartzite to above with occasional greenish yellowish sericitic colour.						
	374.5' - 379': Alternate pebbly ¼" to ½" (quartz > fulspar) beds and green fine grained sericitic quartzite.						
	379' - 382': Quartzite. ½" pyrite seam.						
	382' - 392': Coarse gritty and pebbly, up to ½", some fulspar, well sorted.						
	392' - 410': Rather finer grained quartzite with yellowish silty partings and some 2' very fine grained siltstone. Generally well bedded 70° - 80°. A few inches very coarse gritty at 403'.						
	410' - 411.5': Several 3" beds coarse gritty-pebbly felspathic material.						
	411.5' - 417': Quartzite, greyish, probably cross-bedded, some gritty material. At 416' some 2" chloritized dykelet.						
	417' - 434': Quartzite with numerous pebbly con-glomeratic beds and especially well developed conglomerate 418' - 419' and 423' - 425' chert fragments up to ½" common. Clean, well sorted and w washed type conglomerate though occasionally some pyrite and sericitic (?) but matrix generally well packed quartzite. Bedding ± 80°.						
	434' - 476': Greyish, occasionally very slightly greenish, variable quartzite, medium grained, silty partings fairly common and often associated with gritty coarse grained sections. Bedding 70° - 80°.						

DRILL HOLE LOG

ROPERTY Nolan Uranium Claims, Scagram Twp.

HOLE NO. 3 SH - 68 - 1

AT. DIP 90° HOLE STARTED 8 March 1968

EP. 850' N of P3-144778 AZIMUTH HOLE FINISHED 7 May 1968

LEV. P4-144799 LOGGED BY M. E. Wookey LENGTH SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH
	From To		
	476' - ±498': Quartzite, occasional coarser grained than above, much less well sorted and washed with fine grained sericitic clay matrix around quartz grains, occasionally gritty, even pebbly though not in well defined beds.		
	±498' - 513': Gradational top contact as grain size increases and continues to increase to 513' where it is conglomeratic with coarse gritty matrix and sub-angular fragments of cherty material up to ½" and single quartz pebble 1¼". Lower contact very sharp at +70°. Negative radioactivity.		
	513' - 584': Quartzite, a medium grey, medium grained, rather massive and uniform quartzite with a little felspathic material and rather poorly sorted, fair amount fine grained matrix and occasional very randomly scattered pebble. At 518', a 1½" rounded quartz pebble and elsewhere ¼" silty quartzite. Occasional blob o.g. at 592' - ½".		
	584' - 591.5': Argillite with minor interbedded more quartzose material near bottom. Dark grey green, rather massive, some pyrite on fractures. Contacts sharp but irregular (scour - fills?) at high angles.		
	591.5' - 641.5': Quartzite, similar to 513' - 584', but possibly a little coarser grained. Last ±5' rather cleaner and better sorted.		
	641.5' - 671.0': Quartzite and interbedded siltstone. Predominantly medium grained grey quartzite with some white clean dense quartzite but with fairly numerous fine grained silty layers up to 1" but commonly less. These are at very high angle to core +80°. Often gradational contacts. A little fine pyrite.		
	671.0' - 701.0': Quartzite, grey, generally medium grained, some parts slightly coarser, even fine pebbles 3/16" at base. Probably slightly felspathic.		

DRILL HOLE LOG

4 6

PROPERTY Hollao Uranium Claims, Seagram Twp. HOLE NO. SM - 68 - 2

LAT. DIP 90° HOLE STARTED 6 March 1968

DEP. 890' N of P3-144778 AZIMUTH HOLE FINISHED 7 May 1968

ELEV. P4-144799 LOGGED BY LENGTH SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH
	From To		
	701.0' - 739.0': Quartzite and minor siltstone, generally a finer grained quartzite, dirtier and less well sorted. Fine grained silty and argillitic beds fairly common. High angle 80° bedding.		
	739.0' - 768.0': Quartzite, arbitary top contact, lighter grey, rather poorly sorted and fine-medium grained. Occasional minor silty parting and bedding 65°.		
	768.0' - 781.0': Coarser material with some sericitic gritty to fine pebbly 1/8" beds. Some siltstone partings and probably felspathic.		
	781.0' - 888.0': Quartzite. Predominantly grey light, medium grained, fairly dense but has considerable variation with coarser and finer grained, some silty partings, changes in sorting and type of matrix etc. Bedding 60° - 70°. Variations generally 'rhythmic' as for example gradually increasing grain size etc. Lower contact rather arbitary. Section from 843' - 873' probably felspathic.		
	888.0' - 903.5': Coarser grained, moderately felspathic, with quartz pebbles up to ½" (891') and some scattered pyrite blebs subcubedral. Moderately well sorted.		
	903.5' - 917.5': Medium grained greyish quartzite, a little felspar, fairly dense; silty seams fairly common at +60°.		
917.5 - 926.3	DYKE. Lamprophyric, course grained, dark blackish mica with lighter felsic spots (carbonate??) up to 3/16". Some small inclusions of quartzose material. Sharp contacts parallel to bedding with slight chilled effect.		
926.3 - 1,981.3'	MISSISSAGI QUARTZITE. As above dyke. 926.5' - 1205.0': Varying shades grey, medium to coarse grained and has several pebble beds e.g. 950', 960.5', etc. Where rounded fragments sharty quartzite and quartz material up to 1", with some pyrite, forms single layered pebble band. Some silty partings 70° especially down to 950'. There after appears to become more felspathic		

DRILL HOLE LOG

PROPERTY Nollac Uranium Claims, Scagrum Twp.

HOLE NO. WH - 68 - 1

LAT. ..... DIP 90°

HOLE STARTED 8 March 1968

DEP. 850' W of P3-144778

AZIMUTH .....

HOLE FINISHED 7 May 1968

ELEV. P4-144799

LOGGED BY W. L. Cooke

LENGTH ..... SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH
	From To		
	and slightly sericitic matrix. Still a rare ¼" pebble randomly scattered. Grain size medium to coarse, usual variation. Some pyrite e.g. 1,006', but silty partings very rare or absent, 65° @ 1,012'. Some faint bedding 65° @ 1,065'. At 1,063' a mixed soft chloritic layer and some possible quartz veining. Occasional blob pyrite occurs e.g. 1082'. At 1070' a single pebble layer bed with ½" fragments of subangular silty material. At 1156' a 3" bed darker finer grained quartzite with sharp edges (minor pyrite along margins) at 52°. Continues very uniform and massive.		
	1,205' - 1,260': Quartzite, similar to above but has fairly frequent thin interbeds of light grey fine grained quartzitic siltstone from ¼" to 6" at ±50°. Fine disseminated pyrite in quartzite moderately common though sparse and occasional coarse ¼" e.g. 1,218' with possible pebbles but no R.A. (±1,235' - 55' some very slight variations in RA with maximum 1.5XBG) At 1,264' a single layer ¼" pebbles.		
	1,260' - 1,303': Perceptibly darker grey and finer grained, though actual top and bottom contacts gradational. Some slight RA. Some bedding 60° in silty material and overall is very similar to preceding but is fine-medium grained, probably slightly felspathic quartzite.		
	1,303' - 1,350': Quartzite, medium to coarse grained, slightly felspathic, some fine sericite (?) matrix, often moderately poorly sorted. Massive and uniform. Quartz pebbles with pyrite and chalcopyrite at 1,323' in single layer at 50°, up to 1½", no R.A. Other randomly distributed pebbles occur.		
	1,350' - 1,440': More variable, with finer grained sections than above which are dark. Bedding 60° at 1,401' where slightly finer grained beds occur. Occasional quartz pebble and fine pyrite occur but no associated R.A.		

8

DRILL HOLE LOG

6

PROPERTY Horse Uranium Claims, Beaver Lake

HOLE NO. SH - 63 - 1

LAT. ..... DIP 90°

HOLE STARTED 8 March 1963

DEP. 050' N of P3-144778 AZIMUTH .....

HOLE FINISHED 7 May 1963

ELEV. P4-144799 LOGGED BY H. E. Hooker

LENGTH ..... SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH				
	From To						
	1,440' - 1,542': Quartzite, typically fine medium grained, rather poorly sorted, some sulphides, pyrite and pyrrhotite, fairly common. At 1443', ½" quartz pebbles, pyrite and very slight H.A. At 1473' some 6" of vein type material, quartz, sulphide and chlorite. Some faint bedding 50° - 60° at ±1,470'. Often has thin, slightly coarser pebbly gritty beds. e.g. at 1530', 60°.						
	1542' - 1629': Becomes perceptibly coarser and less uniformly regular. Medium grained, dark medium grey, with some flighter patches. Rarely bedded though 40° @ 1,567', 65° @ 1,572'. Some scattered sulphides. At 1546' either fine grained boulder or scour fill. At 1576' some cherty ¼" pebbles and quartz pebble ½" and fine pyrite. No H.A. Overall is not well washed or very clean. Gradually becomes increasingly coarser grained especially 1614' - 1624' which is also felspathic; the next 5' rather mixed interbedded coarse and fine with good bedding 45° - 55°.						
	1,629' - ±1,655': A slightly darker grey, definitely finer grained rock with some minor fine grain beds up to 18" of massive almost cherty material.						
	±1,655' - 1,707': Gradational change to slightly coarser material similar to 1,542' - 1,629'. Beds pebbles not at all uncommon ranging from one pebble thick up to 12". Quartz and felspar (?) up to ½" but more commonly 1/8" e.g. 1,679'; 1,683' - 84'; 1,697'; 1,705' etc. Angle of these beds appears to be 45° - 55°. Occasionally some pyrite.						
	1,707' - 1,711': Gradational top contact becoming darker, dirtier and finer grained.						
	1,711' - ±1,735': Rather fine medium grained, slightly arkosic, with some fine grained matrix, poorly sorted. Occasional coarser bed 45°. Rare spots pyrite.						

DRILL HOLE LOG

7

PROPERTY McDee Uranium Claims, Beaverlodge Twp.

HOLE NO. AR - 63 - 1

LAT. .....

DIP 90°

HOLE STARTED 8 March 1963

DEP. 800' N of P3-144778

AZIMUTH .....

HOLE FINISHED 7 May 1963

ELEV. P4-144799

LOGGED BY H. E. Hopkins

LENGTH ..... SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH	U_3O_8 lbs/ton Fluor.	U_3O_8 lbs/ton Gravimetric	%TiO_2 X-Ray	ThO lbs/ton X-Ray
	From To						
	±1,735' - 1,805': Quartzite, medium to coarse grained, rather massively uniform material as above but coarser; rather poorly sorted and dirty. Some fine grained beds ±90°. At 1,770' small 3" dyke. Several sections (1755' - 62'; 1780'-86') core is shattered and hard to examine but appears core as above though more coarser, 1/8", quartz grained noted. Some scattered disseminated pyrite and chalcopyrite. R.A. as noted below.						
	Otzite, no appreciable R.A. 1,795.0 - 1,799.0						
	Quartzite, ½" scattered pebbles X 2Bi 1,799.0 - 1,794.3						
	Quartzite - minor R.A. 1,794.3 - 1,796.3						
	Quartzite, some R.A. 1,796.3 - 1,799.3						
	1,805' - 1,821': Quartzite, medium grained, grey speckled, slightly schistose, some pebbly gritty bands, especially last 3' with pebbles up to 3/8" and traces pyrite. No R.A.						
	1,821' - 1,872.5': Quartzite, rather dark grey, very dirty and poorly sorted, almost greywacke. Some pebbles at 1,848'. Massive, greenish grey occasional streak pyrite, gradually becoming more quartzose at base. R.A. as noted below and Section 1851' - 70' a good quartzite, lighter grey. Several pebble bands e.g. 1,864 1860', etc.						
	Dark grey, X2-3Bi 1,821.0 - 1,828.0						
	Slightly coarse, slight R.A. 1,828.0 - 1,829.0						
	Dark grey - X2Bi 1,829.0 - 1,831.0						
	Light grey, cleaner, slight R.A. 1,831.0 - 1,832.0						
	No R.A. detected 1,832.0 - 1,833.5						
	Dark grey, slightly pyritic X4Bi 1,841.0 - 1,843.0						
	1,872.5' - 1,925': Quartzite - rather medium grained grey, similar 1805' - 1821' type massive quartzite. Occasional peculiar structure from						

DRILL HOLE LOG

8

PROPERTY [illegible] Uranium [illegible], [illegible] Twp. | HOLE NO. [illegible] - 68 - 1

LAT. | DIP [illegible]° | HOLE STARTED 8 March 1969

DEP. [illegible]' N of [illegible]-144778 | AZIMUTH | HOLE FINISHED 7 May 1969

ELEV. [illegible]-144799 | LOGGED BY [illegible] | LENGTH | SIZE AX

FOOTAGE	DESCRIPTION	SAMPLE NO.	LENGTH				
	From / To						
	1,7[illegible]' - 1[illegible]' suggesting slump breccia and some fair amount fine grained chloritic material in matrix and as thin contorted beds etc. Core also often badly fractured. Bedding [illegible]° - 1,[illegible]'. After 1,[illegible]' more uniform and coarse grained quartzite with a few fine grained silty beds at [illegible], gradually becoming coarser and coarser.						
	1,9[illegible]' - 19[illegible]': Quartzite, rather dark grey, medium grained to coarse, poorly sorted and washed with conglomerate, pebble and grit fragments. Massive, no bedding, no [illegible].						
	1,928.0' - 1,[illegible]': Pebbles to [illegible]", quartz and feldspar, fair pyrite in places, also at 194[illegible]', 195[illegible]' - Last 1[illegible]" argillitic chlorite, bedding 50°.						
	1963.5' - 19[illegible]': Conglomeratic, quartz and chert well rounded to subrounded pebbles [illegible]" - 1[illegible]". Well packed, pyritic to 10%, dirty matrix. No [illegible].						

Check sample of conglomerate 1,971.5 - 1,974.0

Very slight [illegible] 1,975.0 - 1,976.5

Check sample of conglomerate 1,979.0 - 1,981.0

lower contact 5[illegible]° with basement

1,981.3 - 1,994.8 BASEMENT. Fine grained, green, slightly siliceous, probably dacitic volcanic flow. Some breccia type structure, possibly flow breccia. Fine veinlets pyrite and chalcopyrite fairly common.

1,994.8 - 2,199.0' [illegible]. Initially fine grained with minute white specks, massive. Becoming more mottled and grainy with numerous quartz-carbonate veins and some pyrite. [illegible] finer grained at end.

DRILL HOLE LOG

9

PROPERTY [illegible] Township

HOLE NO. [illegible]

LAT. [illegible]

DIP 90°

HOLE STARTED 8 March 1948

DEP. 650' N of [illegible]

AZIMUTH [illegible]

HOLE FINISHED 7 May 1948

ELEV. [illegible]

LOGGED BY [illegible]

LENGTH [illegible]

SIZE AX

FOOTAGE	DESCRIPTION	From	To	SAMPLE NO.	LENGTH
	[illegible]				
	Joint Tests:				
	At 400' - Dip 60° Azimuth [illegible]°				
	1000' - 50° 270°				
	1500' - 45° 270°				
	Dip Tests:				
	At 100' - Dip 69° 15' At 600' - Dip 59° 30' At 1500' - Dip 47° 15'				
	200' 73° 15' 700' 58° 30' 1600' 45° 00'				
	300' 63° 45' 800' 57° 15' 1700 45° 15'				
	400' 69° 45' 1100 54° 15' 1800 40° 15'				
	500' 62° 00' 1200 53° 45' 1900 36° 30'				
	600' 62° 00' 1300 50° 15' 2000 35° 00'				
	700' 60° 00' 1400 49° 15' 2100 33° 30'				

TURNER
D15 16

OFFICE OF MINING RECORDER

ONTARIO
DEPARTMENT OF MINES

SUDBURY MINING DIVISION
SUDBURY, ONTARIO

June 5/68

41P02SE0026 0018B1 TURNER

900

Dr. J. F. Donovan,
Resident Geologist,
1349 Lasalle St.,
Sudbury, Ontario.

Dear Sir:

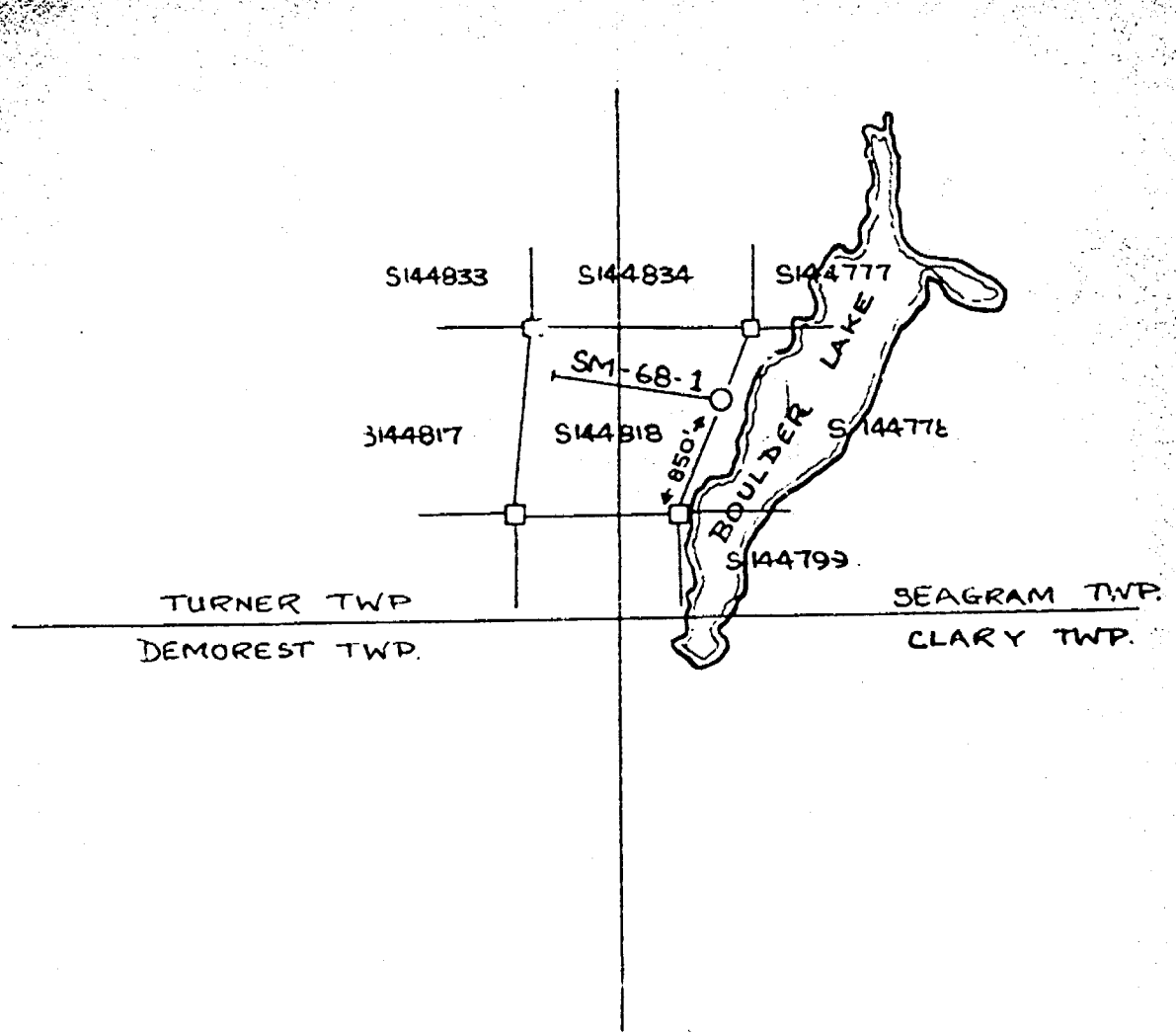
We enclose herewith diamond drill log and sketch, pertaining to work performed on mining claim S.144818, Seagram Township, in the name of Denison Mines Ltd.

Yours very truly,

Lucie T Durand
for K.M.Hallock
Mining Recorder

/rd
encl.

1 DH (215-9')



DENISON MINES LTD.

McRAE URANIUM CLAIMS.

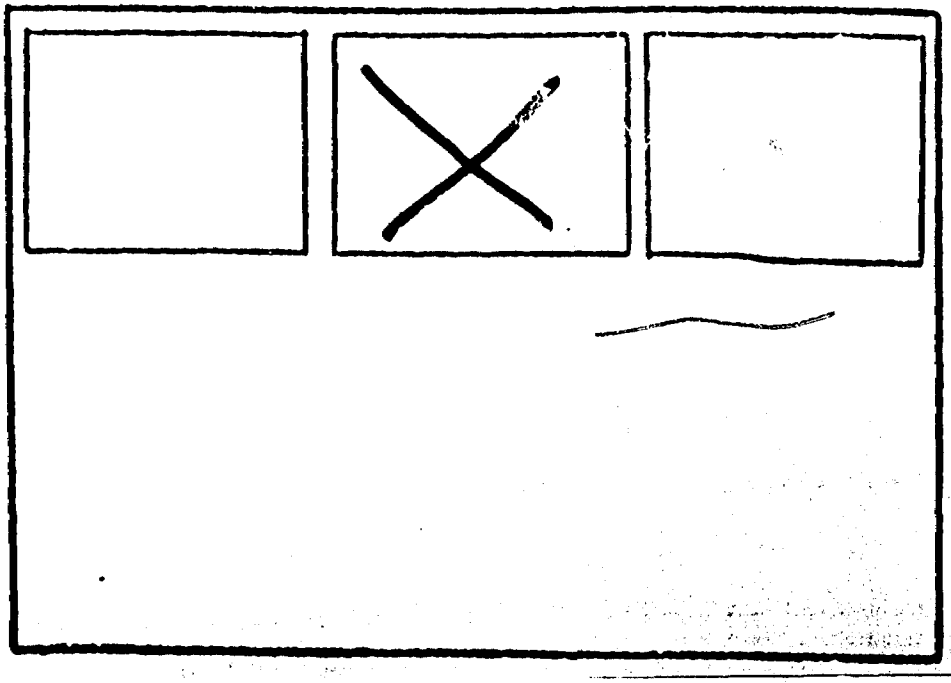
LOCATION PLAN DDH. SM-68-1

Scale 1" : ¼ mile. MEW 26-5-68.

SEE ACCOMPANYING MAP(S) IDENTIFIED AS

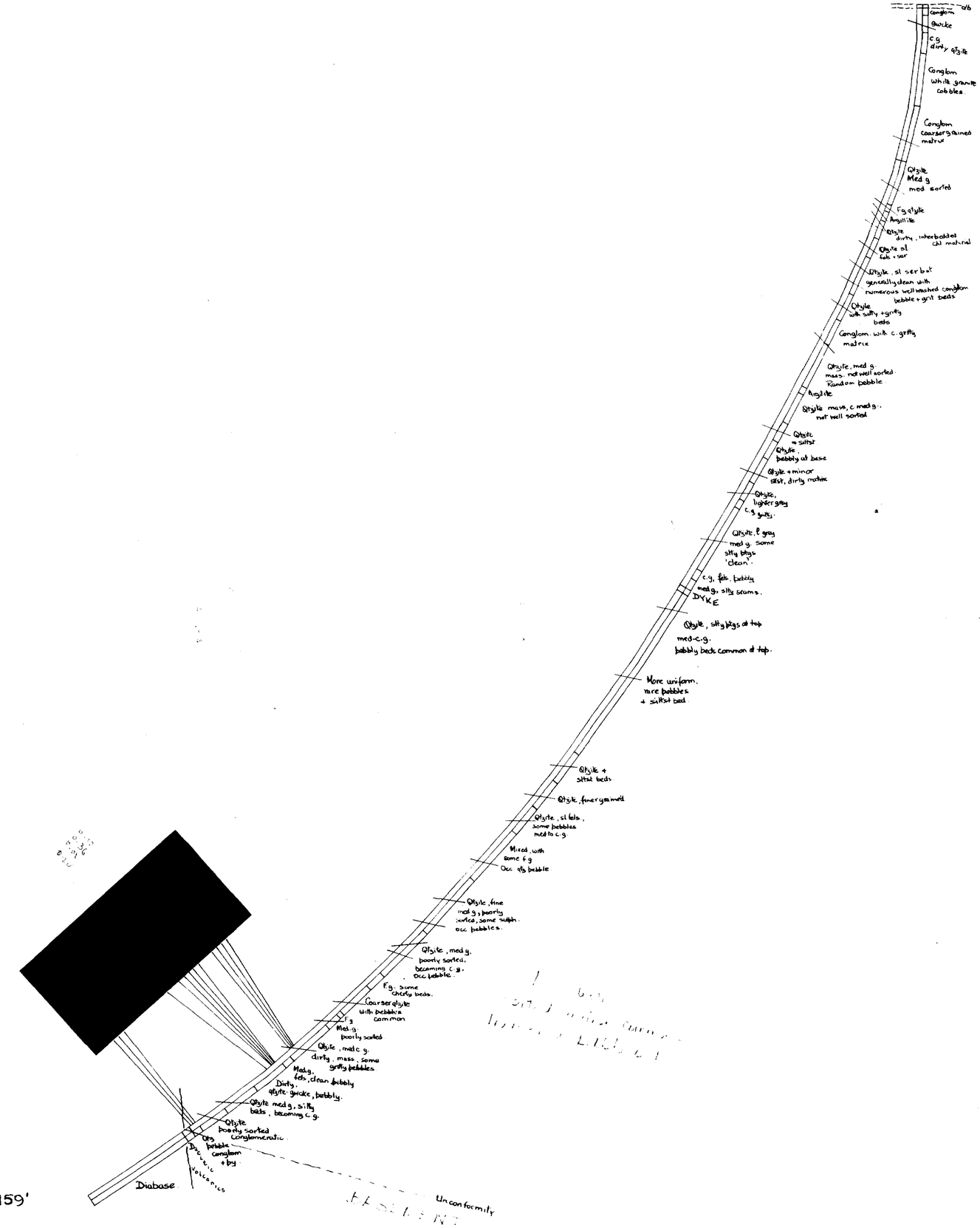
TURNER-0018-B1-#1

LOCATED IN THE MAP CHANNEL IN THE FOLLOWING SEQUENCE (X)



275°

SM-68-1



DENISON MINES LTD.

McRAE URANIUM CLAIMS, SEAGRAM TWP, ONT..

VERTICAL CROSS SECTION
DDH SM-68-1

Scale 1" : 100'	Dwg. No:	Signed: MEW
	Revised:	Date: 26-5-68

TURNER-0018-B1-#1