Table 10 Subsurface occurrence of gamma ray radioactivity peaks in the Clarabelle area

1 6 12	A				- Aller	L.F.			_
	Number of drill holes logged Number of radioactivity peaks :	noted	4 35						
	Range in gamma ray radioactivi Footage of core Number of contacts among beds	ty		0 to 18,000 4 feet 60	c.p.s.				
			Per-					Standard	
		Number	cent	Range		Median	-	And and the Print Party of the Print Party of the Party o	
	DELLER LEMENT DED.	100		Counts			e onn d	the second se	
	PEAKS WITHIN BEDS	199	57	140 to 18,00	0	100	1,999	3,194	
	PEAKS AT OR NEAR LITHOLOGIC CONTACTS Similar lithology Dissimilar lithology TOTAL	42 111 352		150 to 11,00 150 to 17,00			1,880 1,380		

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GAMMA RAY RADIOACTIVITY PEAKS WITHIN BEDS Average number of									
Lithology	Total footage	peaks per foot							
Limestones	11	0.	0						
Mudstones	1,586	0.026	42	21 140	to 2,400	330	587	573	
Sandstones, very fine-grained	1,136	0.081	92	46 140	to 12,000	790	1,825	2,581	
Sandstones, fine-grained	513	0.078	40	20 150	to 18,000	750	2,243	3,957	
Sandstones, medium-grained	148	0.169	25		to 15,000	3,000	4,622	4,695	
	TOTAL 3,394		199	100					

GAMMA RAY RADIOACTIVITY PEAKS NEAR OR AT LITHOLOGIC CONTACTS

A. Contacts of similar lithology

Mudstones Sandstones, very fine-grained Sandstones, fine-grained Sandstones, fine-to-medium-grained TOTAL	<u>Number</u> 134 48 32 <u>3</u> 217	Percent with noted <u>peaks</u> 6.7 33.3 46.8 66.7	9 16 15 2 42	38 36 5	150 to 6,500 150 to 11,000 150 to 6,750 670 to 6,600	9	0 1,084 0 2,471 0 1,493 5 3,635	3,524
TOTAL	217		42	100				

в.	Contacts	between	rocks	of	dissimilar	lithology
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Limestones with mudstones or								
sandstones	15	6.7	1	100	450			
Mudstones and			-	200	.,,,			
Sandstones, very fine-grained	203	24.1	49	62	150 to 3,900	600	803	754
Sandstones, fine-grained	52	38.5	20		150 to 11,000		1,644	
Sandstones, medium-grained		76.9			150 to 4,700			
TOTAL	13 268	10.9	<u>10</u> 79	100	1)0 00 4,100	550	1,555	1,000
Sandstones, very fine-grained and			15	TOO				
Sandstones, fine-grained	53	34.0	18	75	160 to 17,000	1 005	0 1.00	2 000
Sandstones, medium-grained	11	54.5					2,489	
TOTAL	64	14.)	6	100	160 to 11,500	300	2,177	4,570
	01		4	100				
Sandstones, fine-grained and								
Sandstones, fine to medium-grained	16	43.7	7	100	050 +- 1 750		7 001	
Surge concess and the monthly Brathen	TO	1.54	1	100	250 to 4,750	360	1,024	1,653
I. Peaks where upper bed i	s finer-grains	h	67	60	150 +- 17 000	(00	3 000	0 (00
II. Peaks where upper bed i			67		150 to 17,000		1,333	
TOTAL	p coaraer-grai	inea	44	40	_150 to 11,000	645	1,453	1,973
IUIAL			111	100				

I. Peaks where the upper bed is finer-grained

Limestone and mudstone

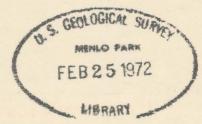
1 1 450

Mudstones and

							CALCULATION AND	
Sandstones, fine-grained and Sandstones, fine- to medium-grained TOTAL	6	9	250 to	4,750	360	1,140	1,780	
Sandstones, very fine-grained and Sandstones, fine-grained Sandstones, medium-grained	15 5		160 to 180 to			2,835 2,581		
Sandstones, very fine-grained Sandstones, fine-grained Sandstones, medium-grained	31 4 5	6	150 to 150 to 150 to	420	680 385 380	762 271 380	595 134 179	

II. Peaks where the upper bed is coarser-grained

Mudstones and Sandstones, very fine-grained Sandstones, fine-grained Sandstones, medium-grained	18 16 5	37	150 to 3,900 200 to 11,000 210 to 4,700		873 986 1,987 2,697 2,730 2,127
Sandstones, very fine-grained and Sandstones, fine-grained Sandstones, medium-grained	3 1	72	320 to 1,050 160	900	757
Sandstone, fine-grained and Sandstone, medium-grained TOTAL	<u> </u>	2	_ 330		



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