



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

	SAMPLE	LOCALITY	FORMATION OR BED	HEAVY MINERALS PRESENT									
				NON-OPAQUE						OPAQUE			
				Zircon		Tourmaline		Rutile		Magnetite and Titaniferous magnetite		Pyrite	
				>0.053mm	<0.053mm	>0.053mm	<0.053mm	>0.053mm	<0.053mm	>0.053mm	<0.053mm	>0.053mm	<0.053mm
1	1A-10-sec. 1	sec. 26, Tp. 28, Rge. 21W4 Horseshoe Canyon	Kneehills Tuff	None	vA	None	vR	None	vR	vA	vA	P	None
2	1A-2-sec. 3	sec. 14, Tp. 9, Rge. 23W4 Gully on the S side of Kneehills Creek	Kneehills Tuff	vR	vA	None	vR	None	vR	vA	vA	R	None
3	1A-4-sec. 6	sec. 14, Tp. 33, Rge. 22W4 W side Red Deer River one mile below Tolman bridge	Kneehills Tuff	None	vA	None	None	None	vR	vA	vA	None	None
4	1A-7-sec. 7	sec. 18, Tp. 34, Rge. 21W4 E side of Red Deer River just S of Big Valley Cr.	Kneehills Tuff	None	vA	R	R	vR	vR	vA	vA	None	None
5	1A-7-sec. 9	sec. 24, Tp. 29, Rge. 18W4 W slope of Hand Hills	Kneehills Tuff	None	vA	R	R	None	vR	A	vA	P	P
6	1A-2-sec. 11	sec. 33, Tp. 26, Rge. 18W4 NW side of the Wintering Hills	Kneehills Tuff	vR	vA	None	None	None	vR	vA	vA	None	None
7	1A-3-sec. 16	sec. 25, Tp. 22, Rge. 23W4 SW side of No. 1 Hwy. near Gleichen	Tuff 20 feet below Kneehills Tuff	vR	vA	None	R	None	vR	A	vA	P	P
8	1A-7-sec. 17	sec. 26, Tp. 23, Rge. 23W4 one mile W of Hwy. No. 1	Kneehills Tuff	P	vA	R	None	vR	vR	vA	vA	P	None
9	1A-10-sec. 31	sec. 9, Tp. 8, Rge. 4W4 N slope of Eagle Butte	Kneehills Tuff	None	vA	R	R	None	None	A	vA	None	R
10	1A-5-sec. 41	sec. 25, Tp. 10, Rge. 25W4 North Bank of Oldman River	Kneehills Tuff	None	vA	None	vR	None	R	P	vA	None	None

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numérisation par balayage
de la publication originale.

vA - Very abundant

A - Abundant

P - Present

R - Rare

vR - Very rare

To accompany GSC Paper 67-63 by E. J. W. Irish and C. J. Havard

Figure 8. Table showing type and relative abundance of heavy minerals in the Kneehills Tuff.

Figure 8