Member and Lentil			Thickness in feet	Lithology
SPRAY RIVER GROUP	WHITEHORSE FORMATION	Winnifred Member	12 to 145	Resistant, medium to light grey, sandy to silty to slightly calcareous, quartzose dolomite, and minor interbeds of dolomitic quartz siltstone to very fine grained quartz sandstone
		Starlight Evaporite Member	20 to 1320	Buff, yellow, light grey to reddish brown weathering, interbedded dolomites, limestones, sandstones, siltstones, intraformational and/or solution breccias, and minor gypsum
		Olympus Sandstone	0 to 457	Cliff-forming, buff-to yellow-weathering, slightly dolomitic quartz sandstone with, locally, interbeds of sandy dolomite
	SULPHUR MOUNTAIN FORMATION	Llama Member	9 to 200+	Resistant, silty to sandy dolomite, dolomitic quartz siltstone and, locally, silty shale, and fine-to very fine grained quartz sandstone
		Whistler Member	43 to 75	Recessive, shaly-to flaggy-weathering dark grey to black silty dolomite, and dolomitic quartz siltstone
		Vega Siltstone Member	170 to 1,190	Greyish to rusty brown weathering, dolomitic, calcareous quartz siltstone, and sandy to silty dolomite and limestone
		Mackenzie Dolomite	0 to 80	Light grey to buff-weathering dolomite, and minor dolomitic quartz siltstone, and very fine grained sandstone
		Phroso Siltstone Member	100 to 800	Recessive, shaly-to flaggy-weathering, dolomitic to calcareous quartz siltstones and silty shales

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Table 1. Table of Formations

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COMMISSION GÉOLOGIQUE DU CANADA
OTTAWA
1973

Reduce 6-5

SECTION	MEMBER	NO. SAMPLES	MEAN	S.D.
Fiddle River	P	11	67.1	12.3
	V	11	76.8	5.9
	L	1	46.8	–
Jacques Creek	P	7	51.1	19.7
	V	6	65.6	11.6
	W	2	66.7	17.3
	L	3	52.9	17.9
Cadomin	P	13	73.7	6.5
	V	4	82.3	9.3
	L	3	72.3	3.0
Mackenzie Creek Gap	P	5	65.5	10.0
	V	–	–	–
	L	2	80.3	11.7
Helmet Mountain	P	9	67.2	9.4
	V	8	57.7	18.7
	W	4	45.5	16.1
	L	4	51.8	20.1
Southesk Pass	P	9	68.5	14.2
	V	4	77.2	2.4
	L	3	64.5	15.9
Mount Olympus	P	4	80.5	7.2
	V	17	57.1	18.5
	W	–	–	–
	L	2	71.4	16.5
South Elliot Peak	P	–	–	–
	V	23	69.2	13.8
	W	–	–	–
	L	1	65.6	–

SECTION	MEMBER	NO. SAMPLES	MEAN	S.D.
Snow Pass Composite	P	–	–	–
	V	20	68.9	12.0
	W	2	76.0	5.4
	L	3	67.4	28.9
Spray River Gorge	P	5	76.4	5.1
	V	28	60.4	17.6
	W	–	–	–
	L	–	–	–
Smith Dorrien Creek	P	–	–	–
	V	11	57.1	18.0
	L	4	73.0	9.6
Elpoca Mountain	P	–	–	–
	V	10	62.8	13.0
Burns Creek	P	–	–	–
	V	4	72.4	9.9
Elk Range	P	–	–	–
	V	7	62.8	18.4
	L	6	70.4	16.1
Forsyth Creek	P	5	68.7	10.6
	V	10	52.4	17.3
	L	5	78.0	1.6
Lodgepole River	P ?	–	–	–
	V	5	70.1	7.3
	L	–	–	–

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Phroso Siltstone Member . . . . . P
Vega Siltstone Member V
Whistler Member . . . . . W
Llama Member L

Mean value of Insoluble Residue Fraction (percentage by weight) . . . . . MEAN
Standard Deviation of Mean . . . . . S.D.

Table 2. Data chart illustrating mean and standard deviation values of insoluble residue fraction of each member of the Sulphur Mountain Formation

6 – 5

SECTION	NO. SAMPLES	MEAN	S.D.
Fiddle River	23	70.9	-?
Jacques Creek	18	58.0	16.4
Cadomin	20	75.2	7.4
Mackenzie Creek Gap	10	70.0	10.7
Helmet Mountain	25	58.2	16.7
Southesk Pass	16	69.9	12.8
Mount Olympus	24	61.3	19.2
South Elliot Peak	23	69.2	13.8
Snow Pass Composite	28	65.6	17.8
Spray River Gorge	36	61.1	19.3
Smith Dorrien Creek	16	57.8	22.0
Elpoca Mountain	10	62.8	13.0
Burns Creek	10	52.1	28.4
Elk Range	15	65.1	18.3
Forsyth Creek	22	64.8	17.4
Lodgepole River	6	70.6	6.7

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Standard Deviation of Mean . . . . . S.D.

Table 3. Data chart illustrating mean and standard deviation values of insoluble residue fraction of Sulphur Mountain Formation