

APPENDIX II.

FORMATION THICKNESSES OF LARAPINTA GROUP.

HERMANSBURG SHEET

THICKNESS IN FEET				SECTION	SOURCE	
e/op	Olh	Oms	Ous	Name	Symbol	
2,700	440	1,075+(NE)	NE	Ellery Creek	NE	BHR
2,900	435	1,315+(NE)	NE	Ellery Creek	D	H
2,700	350	1,050+(NE)	NE	Ellery Creek	7	F
2,315	405	1,015+(NE)	NE	Ellery Creek	1	C
3,000	1,000	1,400	1,100	Finke River	FR	BHR
2,500±(NE)	1,000±(NE)	1,720±(NE)	1,300±(NE)	Glen Helen	C	H
2,450	1,150	1,160	1,550	Finke River	6	F
2,900	925	1,240	1,460±(NE)	Glen Helen	9	C
2,660	1,470	1,180	1,820	Coyder Pass Diapir	OPD	H
1,800±(NE)	1,400±(NE)	880±(NE)	1,300±(NE)	Ravenport Creek	OPD	H
1,940	1,050±(NE)	1,400±(NE)	1,000±(NE)	Haast Bluff Road	BHR	H
3,450	1,450±(NE)	950	2,000±(NE)	Arumbera Creek	5	F
2,000	1,400	1,500	2,000	Stokes Pass	SP	BHR
2,250	1,480	1,300	1,750±(NE)	Stokes Pass	D	H
2,500	1,550	1,500	2,080	Stokes Pass	4	F
2,850	1,265	1,330	2,025	Stokes Pass	12	C

HERNDY SHEET

1,950	280	650	1,300±(NE)	Mt. Heartland	V	H
1,051	347±(NE)	561±(NE)	1,323±(NE)	West James Range	L	H
920	790	600	850±(NE)	James Range	39	F

E/Op	THICKNESS IN FEET			Name	SECTION	SOURCE
	Oil	Gas	Gas			
1,250±(NE)	300±(NE)	800±(NE)	600±(NE)	East Arroyo	K	H
800	1,100	630	1,000±(NE)	Krichauff Range	38	F
1,816	364	828	1,741±(NE)	Arroyo	J	H
1,050	1,275	700	1,500±(NE)	Arroyo	2	F
1,850	470	700	1,510±(NE)	Arroyo	2	F
1,765	345	590	1,827±(NE)	Arroyo	11	C
1,597	222	502	1,063±(NE)	East James Range	N	H
853±(NE)	420±(NE)	980±(NE)	428±(NE)	Parkes Pass	S	H
900	925±(NE)	690±(NE)	200±(NE)	Running Waters	36	F
1,260	250±(NE)	400	800±(NE)	Deception Creek	35	F
920	310	760	970±(NE)	Tempe Downs	34	F
1,095	150	750	830±(NE)	Walker Creek	R	H
1,120	190±(NE)	640	980±(NE)	Mt. Shady	32	F
1,200	100	580	910±(NE)	Peterman Creek	33	F
1,020	100±(NE)	610	990±(NE)	Mt. Levi	31	F
980	220±(NE)	700	1,420	Farrer Spring	30	F
841	195±(NE)	635±(NE)	1,382±(NE)	West Tempe Downs	T	H
990	250	450	900	Levi Range	47	F
70	45	425	750	Halleman Hills	50	F
0	135	360	800±(NE)	Sapple Bar	49	F
0	1407	3007	610±(NE)	East Seymour Range	E3	H

#/Op	THICKNESS IN FEET			Name	SECTION	SOURCE
	01h	00a	00s			
07	232	329	400±(NE)	Palmer River	U	H
0	07	410	520±(NE)	Palmer Range	41	F
0	410±(NE)?	250±(NE)?	700±(NE)	Sv Seymour Range	SS	H
50±(NE)	400±(NE)	850±(NE)	NE	Seymour Range	8	C
0	?	160	620±(NE)	Palmer Range	PR	H
0	120	320	135	Palmer Valley	43	F
0	0	400	500±(NE)	Seymour Range	42E	F
0	160	470	600±(NE)	Seymour Range	42W	F
0	0	350±(NE)	70±(NE)	Ippia Hills	IR	H
0	0	300±(NE)	0	Angas Downs	46	F
1,455±(NE)	880±(NE)	620±(NE)	NE	Angas Downs	10	C

MOUNT LEBIDG SHEET

1,995	1,406±(NE)	1,839	NE	East Idirriki Range	ML 118 -133	SHR
2,135±(NE)	1,125	1,790±(NE)	1,375	Mereenie Bluff	A	H
2,550	1,400	1,450	1,100	Haast Bluff	B	F
1,150±(NE)	1,150±(NE)	730±(NE)	NE	Carichael Creek	CC	H
210±(NE)	362±(NE)	494±(NE)	624±(NE)	East Overburned Section	ML 18, 19	SHR
1,402±(NE)	498±(NE)	493±(NE)	905±(NE)	West Overburned Section	ML 15 - 17	SHR
1,390	565±(NE)	515	1,400±(NE)	Deering Creek	DC	H
2,124±(NE)	529±(NE)	1,071±(NE)	1,513±(NE)	East Gardiner Range	ML 150 - 154	SHR
1,700±(NE)	400±(NE)	800±(NE)	1,500±(NE)	Nev's Gap	I	H

THICKNESS IN FEET				SECTION	SOURCE	
W/Op	Oh	Os	Oss	Name	Symbol	
569+(NE)	485+(NE)	735+(NE)	1,116+(NE)	West Gardiner Range	HL 46	HR
1,576+(NE)	613+(NE)	907	1,130+(NE)	Gardiner Range	H	H
1,750	810	950	1,410+(NE)	Gardiner Range	1	F
1,886+(NE)	NE	NE	NE	Glen Edith Hills	HL 129	HR
940	475+(NE)	750+(NE)	1,120+(NE)	NW Glen Edith Hills	GEN	H
500+(NE)	275+(NE)	660+(NE)	990+(NE)	SE Glen Edith Hills	GEN	H
600	350+(NE)	250+	0	Watson Range	WR	H
1,502+(NE)	417+(NE)	497+(NE)	993+(NE)	Cleland Hills	HL 130, 13, 31, 32	HR

LAKE AMADRUS SHEET

910+(NE)	150	460	620+(NE)	Johnny Creek	29	F
1,000	150	850	700+(NE)	Johnny Creek	Q	H
NE	279+(NE)	811+(NE)	916+(NE)	Johnny Creek Anticline	LAC 4	HR
250+(NE)	460+(NE)	940+(NE)	1,430+(NE)	Ochre Hill North	GEN	H
1,063+(NE)	236+(NE)	622+(NE)	1,106+(NE)	S-flank Dead Horse Anticline	LAR 2	HR
1,053+(NE)	198+(NE)	588+(NE)	1,093+(NE)	N-flank Dead Horse Anticline	LAR 1	HR
NE	217+(NE)	653+(NE)	1,183+(NE)	Ragot Spring East	LAC 9 and 10	HR
263+(NE)	160+(NE)	99+(NE)	NE	Kulpi Range	LAC 12	HR
30+(NE)	182+(NE)	203+(NE)	464+(NE)		LAW 1	HR
60	80	60+(NE)	NE		LAR 3	HR

THICKNESS IN FEET				SECTION	SOURCE
G/Op	Olh	Ous	Ous		
550 _± (M)	240 _± (M)	320 _± (M)	465 _± (M)	Oval Syncline	CG M
0	0	100 _± (M)	0	Imindie	45 F
185 _± (M)	233 _± (M)	115 _± (M)	NI	SE Mt. Rennie Area	MR 24 BM
180 _± (M)	60 _± (M)	100 _± (M)	170 _± (M)	Johnstone Hill	JH M
220 _± (M)	110 _± (M)	145 _± (M)	220 _± (M)	Sausage Hill	SH M

BLOOD RANGE SHEET

Sections measured by H.M.R. during 1962: NA

Formation symbols: G/Op : Paeonta Formation
 Olh : Horn Valley Formation
 Ous : Stairway Formation
 Ous : Stokes Formation.

Abbreviations : NI : not or incompletely exposed.
 NI : not measured.
 NA : not available.

Source abbreviations: BMR : Bureau of Mineral Resources, Geology and Geophysics.
 M : Macellan Petroleum Corporation.
 F : Front-Broken Hill Company Pty. Ltd.
 C : Canada Petroleum Corporation.

See Appendix VIII for detailed lithological measurements.