

Appendix F. Lithology logs for multilevel groundwater monitoring boreholes USGS 131A and USGS 137A, Idaho National Laboratory, Idaho, 2011–13.

[Depth interval limits in feet below land surface (ft bls). Unit type indicates the geologic material type associated with the lithologic unit, where DB is dense basalt, FB is fractured basalt, and S is sediment. Lithology logs for Multilevel Groundwater Monitoring Boreholes USGS 103, USGS 132, USGS 133, USGS 134, MIDDLE 2050A, and MIDDLE 2051 are provided in Fisher and Twining (2011). Lithology logs for Multilevel Groundwater Monitoring Boreholes USGS 105, USGS 108, and USGS 135 are provided in Twining and Fisher (2012).]

Depth interval			Unit type	Depth interval			Unit type
Top (ft bls)	Bottom (ft bls)	Length (ft)		Top (ft bls)	Bottom (ft bls)	Length (ft)	
USGS 131A lithology log				USGS 131A lithology log—Continued			
550	565	15	DB	854	860	6	FB
565	570	5	S	860	863	3	DB
570	575	5	DB	863	872	9	FB
575	579	4	FB	872	879	7	DB
579	586	7	DB	879	902	23	FB
586	588	2	FB	902	908	6	S
588	594	6	DB	908	914	6	FB
594	597	3	FB	914	920	6	DB
597	613	16	DB	920	925	5	FB
613	619	6	FB	925	935	10	DB
619	637	18	DB	935	940	5	S
637	642	5	FB	940	951	11	FB
642	658	16	DB	951	966	15	DB
658	663	5	FB	966	1,000	34	FB
663	706	43	DB	1,000	1,008	8	DB
706	708	2	S	1,008	1,022	14	FB
708	712	4	FB	1,022	1,027	5	DB
712	718	6	DB	1,027	1,036	9	FB
718	722	4	FB	1,036	1,044	8	DB
722	743	21	DB	1,044	1,050	6	FB
743	748	5	FB	1,050	1,055	5	DB
748	755	7	DB	1,055	1,060	5	FB
755	758	3	FB	1,060	1,073	13	DB
758	769	11	S	1,073	1,076	3	FB
769	771	2	DB	1,076	1,079	3	DB
771	774	3	FB	1,079	1,090	11	FB
774	782	8	DB	1,090	1,093	3	DB
782	784	2	FB	1,093	1,096	3	FB
784	786	2	DB	1,096	1,103	7	S
786	790	4	FB	1,103	1,107	4	FB
790	806	16	DB	1,107	1,131	24	DB
806	817	11	FB	1,131	1,148	17	FB
817	820	3	DB	1,148	1,153	5	DB
820	826	6	S	1,153	1,158	5	FB
826	834	8	FB	1,158	1,169	11	DB
834	847	13	DB	1,169	1,179	10	FB
847	851	4	FB	1,179	1,190	11	DB
851	854	3	DB				

F2 Multilevel Groundwater Monitoring of Hydraulic Head and Temperature, Eastern Snake River Plain Aquifer, Idaho, 2011–13

Appendix F. Lithology logs for multilevel groundwater monitoring boreholes USGS 131A and USGS 137A, Idaho National Laboratory, Idaho, 2011–13.—Continued

[Depth interval limits in feet below land surface (ft bls). Unit type indicates the geologic material type associated with the lithologic unit, where DB is dense basalt, FB is fractured basalt, and S is sediment. Lithology logs for Multilevel Groundwater Monitoring Boreholes USGS 103, USGS 132, USGS 133, USGS 134, MIDDLE 2050A, and MIDDLE 2051 are provided in Fisher and Twining (2011). Lithology logs for Multilevel Groundwater Monitoring Boreholes USGS 105, USGS 108, and USGS 135 are provided in Twining and Fisher (2012).]

Depth interval				Depth interval			
Top (ft bls)	Bottom (ft bls)	Length (ft)	Unit type	Top (ft bls)	Bottom (ft bls)	Length (ft)	Unit type
USGS 137A lithology log				USGS 137A lithology log—Continued			
640	644	4	S	966	973	7	FB
644	653	9	DB	973	982	9	DB
653	668	15	FB	982	986	4	S
668	676	8	S	986	995	9	FB
676	677	1	FB	995	999	4	DB
677	694	17	DB	999	1,010	11	FB
694	717	23	FB	1,010	1,030	20	DB
717	728	11	DB	1,030	1,036	6	FB
728	736	8	FB	1,036	1,056	20	DB
736	740	4	DB	1,056	1,062	6	FB
740	750	10	FB	1,062	1,070	8	DB
750	753	3	DB	1,070	1,072	2	FB
753	758	5	FB	1,072	1,083	11	DB
758	760	2	DB	1,083	1,088	5	FB
760	765	5	FB	1,088	1,092	4	DB
765	768	3	DB	1,092	1,097	5	FB
768	780	12	FB	1,097	1,105	8	DB
780	797	17	DB	1,105	1,108	3	FB
797	802	5	FB	1,108	1,110	2	DB
802	804	2	DB	1,110	1,117	7	FB
804	807	3	FB	1,117	1,119	2	DB
807	811	4	DB	1,119	1,124	5	FB
811	812	1	FB	1,124	1,128	4	DB
812	817	5	S	1,128	1,133	5	FB
817	821	4	FB	1,133	1,142	9	DB
821	825	4	DB	1,142	1,144	2	FB
825	831	6	FB	1,144	1,147	3	DB
831	834	3	DB	1,147	1,150	3	FB
834	837	3	FB	1,150	1,152	2	DB
837	843	6	DB	1,152	1,158	6	FB
843	855	12	FB	1,158	1,164	6	DB
855	859	4	DB	1,164	1,171	7	FB
859	873	14	FB	1,171	1,204	33	DB
873	876	3	DB	1,204	1,208	4	FB
876	883	7	FB	1,208	1,211	3	DB
883	886	3	DB	1,211	1,217	6	FB
886	893	7	FB	1,217	1,227	10	DB
893	897	4	DB	1,227	1,237	10	FB
897	910	13	FB	1,237	1,270	33	DB
910	920	10	DB	1,270	1,278	8	FB
920	937	17	FB	1,278	1,300	22	DB
937	966	29	DB				