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* SCHLUMBERGER *
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HIGH RESOLUTION

DIPMETER

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CLUSTER LISTING
****

AMERICAN QUASAR

MIST

COLUMBIA, OREGON

LONGVIEW 25-32 RD#1

RUN NO. ONE JOB NO. 4116

CLUSTER RESULTS ONLY

4 FT. CORR. - 2 FT. STEP

30 DEG. X2 SEARCH ANGLE

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DEPTH	FORMATION DIP	FORMATION DIP AZI.		BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
534	4.3	172	S	2.9	352	6.6	6.3	A
536	4.4	171		3.0	351	6.5	6.3	A
538	5.4	185	S	2.9	353	6.5	6.4	A
540	7.1	194		2.8	354	6.5	6.4	A
542	7.6	195		3.1	357	6.5	6.3	A
544	5.9	206		3.1	359	6.6	6.4	A
546	5.4	190		3.2	359	6.7	6.4	A
548	6.2	188		3.3	1	6.8	6.3	A
550	5.5	263	SW	3.1	4	6.9	6.3	C
552	4.1	255		3.1	5	7.0	6.4	A
554	3.9	186		3.1	6	7.1	6.4	A
556	3.5	183		2.9	8	7.3	6.5	A
558	4.3	171		3.0	9	7.4	6.6	A
560	5.1	171		3.1	9	7.5	6.4	A
562	4.5	200		3.0	9	7.7	6.3	A
564	4.4	187		3.0	8	8.0	6.2	A
566	3.3	172		3.2	13	8.2	6.2	C
568	5.4	193		3.4	26	8.2	6.3	A
570	5.2	250		3.2	35	8.2	6.2	C
572	5.3	246	SW	3.2	35	7.9	6.2	C
574	4.7	223		3.4	34	7.8	6.1	A
576	7.6	212		3.5	36	7.8	6.1	A
578	8.3	196		3.6	37	7.9	6.1	A
580				3.7	38	8.0	6.1	
582				3.9	40	8.0	6.1	
584				3.9	41	8.1	6.0	
586	7.0	232		4.0	45	8.1	6.0	A
588	6.4	249	SW	4.1	49	8.1	6.0	C
590	1.1	53	NE ?	4.2	50	8.0	6.0	C
592	0.9	200		4.2	49	8.1	6.0	A
594	6.0	267		4.4	47	8.1	6.0	A
596	4.7	250		4.6	45	8.1	6.0	A
598	3.8	207		4.5	42	8.1	6.0	A
600	3.4	218		4.4	43	8.1	6.0	B
602	2.5	263		4.6	45	8.2	6.1	D
604				4.7	47	8.3	6.0	
606				4.8	48	8.3	6.0	
608				4.9	49	8.0	6.0	
610	7.1	225		4.9	53	7.7	6.0	B
612	9.3	233		5.2	55 NE	7.5	6.0	D

APPROX. KICK-OFF POINT →

REDRILL TO THE NORTHEAST

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
614			5.4	54	7.5	6.0	
616	9.1	273 W	5.4	54	7.5	6.1	D
618	5.8	219	5.5	54	7.5	6.1	D
620	7.8	301	5.7	53	7.4	6.1	B
622	11.1	324	5.7	53	7.3	6.1	B
624	13.1	341 NW	5.7	52	7.4	6.2	D
626			5.8	50	7.4	6.2	
628			5.8	50	7.4	6.2	
630	8.2	264	6.1	53	7.3	6.3	D
632	4.3	289	6.3	56	7.1	6.3	B
634	4.3	286 NW	6.6	59	7.1	6.3	B
636	11.3	260	6.9	59	7.2	6.2	D
638	16.1	263	7.3	59	7.3	6.1	D
640			7.8	59	7.3	6.2	
642			8.2	58	7.2	6.2	
644			8.7	58	7.1	6.1	
646			9.1	57	7.2	6.2	
648			8.9	57	7.2	6.1	
650			9.1	59	7.4	6.1	
652			9.5	61	7.3	6.1	
654			9.7	61	7.3	6.2	
656			10.0	61	7.3	6.2	
658			10.2	61	7.3	6.2	
660	5.7	232	10.5	60	7.3	6.2	A
662	5.8	295	10.7	59	7.3	6.2	A
664	18.6	277	10.9	59	7.2	6.2	C
666	8.1	347	11.4	60	7.1	6.2	C
668			11.5	61	7.1	6.2	
670			11.5	63	7.1	6.2	
672	5.8	222	11.8	62	7.2	6.2	C
674	5.9	219	12.0	61	7.3	6.2	A
676	11.8	289	12.0	61	7.3	6.2	A
678	10.8	283	12.1	62	7.2	6.2	C
680	3.1	234	12.2	64	7.2	6.3	C
682	10.3	177 S	12.4	66	7.2	6.2	A
684	7.0	174	12.3	66	7.2	6.2	A
686	3.2	265	12.2	66	7.2	6.2	A
688	2.6	262	12.2	65	7.2	6.3	A
690			12.4	63	7.3	6.2	
692			12.5	61	7.3	6.2	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
694			12.5	59	7.2	6.2	
696			12.4	58	7.2	6.2	
698	2.5	182 S	12.4	58	7.2	6.2	A
700	3.6	180 S	12.5	60	7.2	6.2	A
702	7.5	159 SE	12.6	61	7.2	6.2	A
704			12.7	61	7.2	6.2	
706	10.7	283 W	12.8	62	7.2	6.2	C
708	5.9	179 S	13.0	62	7.2	6.2	A
710	4.3	130 SE	12.9	65	7.2	6.2	A
712	4.1	119 SE	13.0	66	7.1	6.3	A
714	8.6	283	13.0	64	7.1	6.3	C
716	7.6	237	13.1	64	7.1	6.3	C
718	8.4	238	13.4	61	7.0	6.3	C
720	7.8	173 S	13.3	59	7.0	6.2	A
722	7.3	168 SSE	13.4	58	6.8	6.2	A
724	8.0	168	13.6	59	6.8	6.2	A
726	4.0	161	13.8	60	6.7	6.3	A
728	7.3	177 S	14.5	61	6.8	6.3	A
730	3.6	214 SW	15.2	63	6.9	6.2	C
732	4.6	216	16.2	62	7.0	6.3	C
734	10.4	206 SW	16.9	62	7.0	6.3	A
736	5.0	247 SW	17.3	65	7.1	6.3	A
738	11.6	210	17.5	65	7.1	6.3	A
740	10.7	210	17.5	64	7.1	6.3	C
742	8.8	224	17.7	64	7.1	6.3	C
744	5.2	174	17.9	65	7.2	6.3	A
746	9.8	228	18.2	65	7.1	6.3	C
748			18.3	64	7.1	6.3	
750	7.9	193	18.3	61	7.2	6.3	C
752	7.8	211	18.4	59	7.2	6.3	C
754	9.7	213	18.5	59	7.2	6.3	A
756	5.3	202	18.5	59	7.2	6.2	A
758	8.1	205	18.8	58	7.1	6.3	A
760			19.0	59	7.1	6.3	
762	4.6	94	19.0	60	7.0	6.3	B
764	2.3	98	19.1	59	7.1	6.3	B
766	10.9	209	19.2	59	7.1	6.3	D
768	10.8	222	19.3	60	7.1	6.2	B
770	15.6	231	19.4	60	7.2	6.3	D
772			19.3	61	7.2	6.3	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
774			19.4	60	7.2	6.3	
776	4.9	21	19.6	60	7.1	6.3	D
778	4.7	247 SW	19.5	57	7.1	6.3	B
780	7.2	237 SW	19.6	55	7.1	6.3	C
782	8.2	221 SW	19.7	54	7.1	6.2	A
784	8.0	214	19.6	54	7.1	6.3	A
786	7.1	213	19.7	56	7.1	6.3	A
788	7.1	218	19.9	57	7.1	6.3	A
790	9.0	207	19.9	57	7.0	6.3	A
792	11.1	202	19.9	57	6.9	6.4	A
794	9.0	184	19.9	57	6.9	6.3	A
796	7.8	185	19.9	59	6.8	6.3	A
798			19.8	60	6.8	6.3	
800			19.7	60	6.7	6.4	
802			19.8	60	6.6	6.4	
804			19.8	60	6.7	6.3	
806	4.1	317	19.7	59	6.7	6.4	B
808	8.7	293	20.0	57	6.8	6.4	D
810			20.0	56	6.9	6.4	
812			19.9	56	7.1	6.3	
814			20.0	55	7.1	6.4	
816			20.1	54	7.0	6.4	
818			20.2	52	7.0	6.4	
820			20.1	53	6.9	6.5	
822	10.3	172	19.9	57	6.9	6.5	A
824	11.5	169	20.2	57	6.8	6.6	A
826			20.3	57	6.7	6.6	
828	13.0	167	20.2	58	6.7	6.5	A
830	13.7	171	20.2	57	6.7	6.4	A
832	15.5	184	20.1	56	6.6	6.4	A
834	17.5	171	20.2	56	6.6	6.4	A
836	23.0	182	20.1	56	6.6	6.4	A
838	23.5	185	20.2	55	6.6	6.4	A
840	16.3	178	20.2	55	6.6	6.4	A
842	15.0	180	20.1	54	6.6	6.4	C
844	14.8	184	20.3	53	6.6	6.4	A
846	17.9	180	20.4	52	6.7	6.4	A
848	18.9	179	20.4	52	6.6	6.4	A
850	16.9	188	20.3	54	6.4	6.5	C
852	17.9	192	20.3	56	6.3	6.5	C

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
854	15.2	194	20.4	56	6.4	6.5	A
856	16.6	193	20.2	56	6.3	6.4	A
858	16.7	186	20.3	54	6.3	6.5	A
860	16.4	187	20.3	53	6.3	6.5	A
862	16.7	188	20.5	54	6.4	6.5	A
864	17.9	185	20.5	53	6.4	6.5	A
866	18.6	179	20.3	52	6.3	6.5	A
868	18.6	177	20.4	51	6.3	6.5	A
870	16.3	178	20.5	52	6.3	6.6	E
872	16.7	168	20.3	55	6.3	6.6	C
874	15.8	167	20.4	58	6.5	6.6	A
876	15.5	180	20.7	58	6.5	6.7	A
878	16.7	179	20.6	58	6.4	6.7	A
880	16.0	183	20.4	57	6.2	6.5	A
882	14.8	185	20.4	57	6.1	6.5	E
884	14.7	191	20.5	55	6.1	6.5	E
886	15.5	181	20.5	53	6.1	6.5	A
888	23.5	188	20.2	56	6.2	6.6	E
890	18.2	172	20.3	56	6.2	6.6	E
892	14.4	160	20.5	53	6.2	6.5	E
894	14.4	176	20.3	53	6.2	6.6	A
896	16.6	179	20.3	53	6.2	6.7	A
898	17.0	175	20.6	52	6.2	6.7	A
900	17.2	179	20.7	51	6.1	6.7	A
902	19.3	173	20.6	51	6.2	6.7	A
904	17.4	170	20.5	53	6.2	6.7	A
906	16.5	176	20.5	56	6.2	6.6	A
908	16.7	174	20.4	57	6.2	6.6	A
910	21.6	202	20.3	56	6.1	6.6	C
912			20.5	55	6.2	6.6	
914	14.2	179	20.7	56	6.2	6.6	A
916	19.5	187	20.7	57	6.1	6.6	E
918	13.9	177	20.7	56	6.1	6.6	A
920	12.9	180	20.8	56	6.1	6.6	A
922	16.5	186	20.7	56	6.1	6.6	A
924	17.5	200	20.6	55	6.1	6.6	A
926	13.7	189	20.7	54	6.1	6.5	A
928	14.5	188	20.7	55	6.2	6.6	A
930	16.3	180	20.2	56	6.2	6.6	A
932	15.4	180	20.1	55	6.2	6.6	A

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
934	16.0	178	20.6	53	6.2	6.6	A
936	16.7	176	20.7	52	6.2	6.6	A
938	17.0	163	20.7	52	6.2	6.6	A
940	14.8	162	20.7	51	6.2	6.6	A
942	15.0	164	20.7	50	6.2	6.7	A
944	16.3	171	20.8	50	6.1	6.8	C
946	17.5	182	20.8	53	6.2	6.8	A
948	18.2	200	20.7	56	6.2	6.7	C
950			20.7	56	6.2	6.6	
952	18.5	179	20.7	55	6.2	6.6	C
954	18.5	178	20.7	54	6.2	6.6	A
956	16.8	179	20.8	54	6.2	6.7	A
958	14.8	194	20.7	53	6.2	6.7	A
960	15.3	192	20.8	52	6.2	6.7	A
962	19.2	158	20.8	52	6.3	6.7	A
964	14.7	175	20.6	52	6.4	6.7	A
966	15.9	177	20.6	52	6.3	6.7	A
968	17.9	184	20.6	51	6.3	6.8	A
970	19.1	152	20.6	51	6.3	6.8	A
972	21.2	146	20.7	49	6.4	6.8	A
974	19.9	149	20.8	47	6.3	6.7	A
976	20.0	153	20.8	46	6.2	6.7	A
978	20.1	149	21.0	48	6.2	6.7	A
980	20.9	150	21.0	50	6.2	6.7	A
982	18.5	170	20.8	53	6.1	6.6	A
984	18.5	169	20.7	53	6.1	6.6	A
986	19.9	178	20.9	52	6.2	6.6	A
988	20.8	139	20.9	51	6.2	6.6	A
990	16.6	148	20.8	51	6.2	6.6	A
992	15.4	175	20.9	50	6.2	6.7	A
994	16.8	157	20.8	48	6.2	6.8	A
996	17.2	155	20.9	46	6.2	6.9	A
998			21.0	45	6.3	6.9	
1000			21.0	44	6.4	7.1	
1002	19.1	165	21.1	45	6.5	7.1	C
1004	18.0	189	21.0	47	6.5	7.1	D
1006	16.4	215	21.1	49	6.3	7.0	F
1008	16.7	220	21.2	52	6.3	7.1	F
1010			21.1	52	6.5	7.3	
1012			21.0	52	6.5	7.3	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1014			21.0	52	6.2	7.1	
1016			21.0	51	6.1	6.9	
1018			21.1	47	6.1	6.8	
1020			21.0	44	6.3	6.8	
1022	14.2	180 S	21.0	42	6.6	6.9	D
1024	12.5	189	21.1	43	6.7	6.9	D
1026	36.7	168	21.2	45	6.5	7.0	D
1028	15.1	184	21.2	44 NE	6.4	7.0	D
1030			21.2	45	6.4	7.0	
1032			21.3	47	6.4	7.0	
1034			21.2	48	6.4	6.9	
1036	28.4	173	21.3	49	6.4	6.8	D
1038	31.7	173	21.4	49	6.3	6.7	B
1040	33.1	169	21.4	49	6.3	6.6	D
1042	11.6	174	21.3	47	6.3	6.6	D
1044	19.7	180	21.3	45	6.1	6.5	C
1046	18.2	174	21.3	44	6.1	6.5	C
1048	14.8	164 SE	21.3	46	6.2	6.5	A
1050	15.6	168	21.4	49	6.1	6.5	A
1052	31.8	147	21.3	52	6.3	6.5	F
1054	26.5	175	21.2	53	6.3	6.6	A
1056	30.6	174	21.2	52	6.2	6.7	C
1058	21.5	178	21.3	51	6.2	6.6	A
1060	20.8	177	21.5	50	6.1	6.6	A
1062	26.2	175	21.5	47	6.1	6.6	A
1064	25.4	173	21.5	47 NE	6.1	6.6	A
1066	27.6	165	21.5	46	6.1	6.6	A
1068	21.0	162	21.5	48	6.1	6.6	A
1070	21.3	169	21.5	49	6.1	6.6	A
1072	18.1	181 S	21.5	50	6.1	6.6	A
1074	20.5	186	21.5	50	6.1	6.6	A
1076	23.9	181	21.6	49	6.1	6.6	C
1078	17.5	168	21.7	48	6.2	6.6	A
1080	21.0	160	21.6	46	6.2	6.6	A
1082	20.6	164	21.5	45	6.2	6.6	A
1084	20.2	156	21.6	45	6.2	6.6	A
1086	12.5	167	21.6	45	6.2	6.6	C
1088	21.3	202	21.5	47	6.2	6.6	A
1090	20.9	183 S	21.7	49	6.2	6.6	A
1092	22.4	190	21.8	50	6.2	6.6	A

constant 21° deviation

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1094	23.2	153	21.8	51	6.2	6.6	A
1096	18.1	165	21.8	50	6.2	6.6	A
1098	17.9	156	21.6	49	6.2	6.6	A
1100	19.2	146	21.6	48	6.3	6.5	A
1102	16.4	146	21.6	47	6.3	6.5	A
1104			21.6	46	6.4	6.4	
1106			21.6	47	6.6	6.4	
1108	25.5	141	21.7	43	6.6	6.5	C
1110	21.2	140	21.8	43	6.5	6.5	A
1112	16.1	127	21.9	45	6.5	6.5	C
1114	24.8	136	21.8	43	6.5	6.5	C
1116	22.4	129	21.7	43	6.6	6.5	C
1118	17.8	140	21.6	46	6.9	6.4	C
1120	21.5	137	21.7	47	6.9	6.3	A
1122	26.1	143	21.8	46	6.9	6.4	C
1124	27.4	149	21.9	45	6.7	6.5	D
1126	29.5	140	22.1	43	6.4	6.5	D
1128	28.6	137	22.0	41	6.5	6.5	D
1130			21.9	41	6.6	6.4	
1132	24.1	146	21.8	44	6.6	6.4	D
1134	23.8	146	21.9	46	6.6	6.4	D
1136	24.5	147	22.1	47	6.4	6.5	D
1138	27.2	167	22.0	48	6.5	6.5	D
1140	27.1	166	22.0	49	6.6	6.5	D
1142			22.1	49	6.4	6.6	
1144			22.1	47	6.2	6.6	
1146			22.2	47	6.0	6.6	
1148	27.0	236	22.2	47	6.0	6.6	D
1150			22.2	46	6.2	6.7	
1152	66.3	155	21.9	43	6.4	6.7	D
1154	35.5	18	21.9	42	6.3	6.7	D
1156			22.3	43	6.1	6.5	
1158			22.4	41	6.1	6.4	
1160			22.3	39	6.3	6.3	
1162			22.3	42	6.4	6.2	
1164			22.4	44	6.3	6.3	
1166			22.5	46	6.3	6.3	
1168			22.2	46	6.3	6.3	
1170			22.2	45	6.3	6.3	
1172			22.3	43	6.2	6.3	

Schlumberger

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	DIAM 1-3	DIAM 2-4	QUAL. INDEX BEST =A
1174			22.2	44	6.2	6.3	
1176	27.4	170	22.2	47	6.2	6.3	D
1178	29.6	174	22.2	49	6.3	6.3	B
1180	29.3	176	22.2	50	6.4	6.3	B
1182			22.2	49	6.4	6.3	
1184			22.4	49	6.4	6.3	
1186			22.5	49	6.3	6.2	
1188	18.0	196	22.3	48	6.4	6.2	C
1190			22.3	44	6.5	6.3	
1192	21.2	193	22.5	43	6.6	6.3	C
1194	21.2	177	22.6	44	6.5	6.3	C
1196	24.3	166	22.5	43	6.5	6.3	C
1198	16.7	168	22.4	45	6.5	6.3	A
1200	13.9	174	22.3	47	6.5	6.3	A
1202			22.3	48	6.5	6.3	
1204	66.9	266	22.5	48	6.5	6.4	D
1206			22.5	47	6.5	6.4	
1208			22.5	44	6.5	6.4	
1210			22.6	41	6.6	6.4	
1212			22.6	41	6.6	6.3	
1214			22.6	41	6.5	6.3	
1216			22.5	42	6.5	6.3	
1218			22.5	44	6.6	6.3	
1220	20.4	160	22.8	45	6.6	6.3	B
1222	20.0	161	22.9	45	6.6	6.3	D
1224			22.8	44	6.5	6.3	
1226			22.8	43	6.4	6.3	
1228			22.8	43	6.5	6.4	
1230			22.9	41	6.5	6.4	
1232	39.0	143	22.9	41	6.5	6.4	D
1234	39.3	131	23.0	46	6.6	6.4	D
1236	39.5	136	22.9	50	6.6	6.4	B
1238			22.8	49	6.6	6.3	
1240			22.9	49	6.7	6.3	
1242			22.8	48	6.6	6.3	
1244			22.9	48	6.6	6.3	
1246	17.9	155	22.9	45	6.6	6.3	A
1248	20.3	154	22.7	43 NE	6.6	6.3	C
1250	23.9	146	22.9	43	6.6	6.3	C
1252	21.7	148	23.0	46	6.5	6.2	C

NE

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1254	21.7	143	22.9	48	6.5	6.3	C
1256	23.3	170	22.9	49	6.6	6.2	C
1258	19.9	130	23.0	49	6.5	6.2	C
1260	18.6	139	22.9	48	6.5	6.2	A
1262	21.6	167	22.8	47	6.6	6.2	A
1264	20.8	164	22.9	46	6.6	6.3	A
1266	20.2	167	22.9	45	6.6	6.3	C
1268	20.8	168	22.9	45	6.6	6.3	A
1270	19.0	174	22.8	44	6.6	6.3	E
1272			23.0	42	6.7	6.3	
1274			23.1	42	6.7	6.3	
1276	19.6	166	22.9	45	6.7	6.3	A
1278	26.9	171	22.8	48	6.7	6.3	C
1280			23.0	49	6.7	6.3	
1282	21.9	173	23.1	49	6.7	6.3	A
1284	20.1	174	23.0	49	6.7	6.3	A
1286	21.9	160	23.1	48	6.8	6.3	C
1288	17.3	162	23.1	47	6.7	6.3	C
1290	15.8	161	23.1	46	6.6	6.4	C
1292	22.5	162	23.1	46	6.7	6.4	A
1294	20.7	165	23.1	45	6.7	6.4	A
1296	19.5	167	23.2	45	6.6	6.4	A
1298	19.9	165	23.3	47	6.6	6.4	A
1300	20.9	167	23.1	48	6.6	6.3	A
1302	26.4	161	23.1	49	6.6	6.3	A
1304	20.3	168	23.1	49	6.7	6.3	A
1306	19.8	163	23.1	46	6.8	6.3	A
1308	20.8	159	23.2	43	6.8	6.4	A
1310	15.0	182	23.2	43	6.8	6.4	E
1312	19.5	151	23.3	42	6.8	6.4	C
1314	18.2	157	23.2	42	6.8	6.3	C
1316	18.0	157	23.2	43	6.8	6.3	C
1318	14.9	131	23.4	45	6.8	6.4	C
1320	14.9	139	23.4	47	6.7	6.5	C
1322	13.3	136	23.3	48	6.7	6.3	A
1324	17.3	144	23.3	47	6.6	6.3	C
1326	10.7	123	23.4	46	6.6	6.3	D
1328	27.5	346	23.3	44	6.6	6.3	D
1330	25.8	351	23.3	43	6.6	6.3	B
1332	16.0	139	23.4	45	6.7	6.3	B

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DEPTH	FORMATION DIP	FORMATION DIP AZI.		BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1334	16.1	142		23.3	46	6.8	6.3	B
1336	23.6	359		23.3	47	6.8	6.4	D
1338				23.2	48	6.9	6.3	
1340				23.4	48	7.1	6.2	
1342	33.5	360		23.5	46	7.1	6.3	D
1344				23.4	43	6.9	6.3	
1346				23.3	42	7.0	6.3	
1348				23.4	43	7.0	6.3	
1350				23.4	45	7.0	6.3	
1352				23.4	49	7.0	6.3	
1354				23.4	51	7.0	6.3	
1356				23.6	51	6.9	6.4	
1358				23.8	51	6.8	6.3	
1360				23.8	52	6.8	6.3	
1362				23.8	50	6.7	6.3	
1364				23.7	48	6.6	6.3	
1366	21.9	177		23.6	48	6.6	6.3	C
1368	12.1	160	SE	23.7	47	6.6	6.3	A
1370	12.0	195		23.6	47	6.5	6.3	C
1372	14.6	178	S	23.7	46	6.5	6.3	A
1374	23.5	158		23.8	46	6.6	6.3	C
1376	16.0	183		23.7	46	6.5	6.3	C
1378	13.5	176		23.6	47	6.5	6.3	C
1380	17.6	166	SE	23.5	49	6.6	6.3	A
1382	21.7	168	SE	23.6	52	6.6	6.3	A
1384	14.7	177		23.7	51	6.5	6.2	C
1386	30.2	187		23.8	49	6.6	6.3	B
1388	26.3	162		23.7	50	6.6	6.3	B
1390	25.6	159		23.7	51	6.6	6.3	D
1392				23.9	50	6.6	6.3	
1394				24.0	49	6.5	6.3	
1396	24.2	154		23.8	49	6.6	6.3	D
1398				23.8	49	6.6	6.3	
1400				24.0	48	6.6	6.3	
1402	20.0	180		23.9	47	6.6	6.3	D
1404	20.5	152		23.9	46	6.7	6.3	D
1406	11.5	198		23.9	44	6.7	6.3	D
1408	6.5	209		23.9	42	7.1	6.3	D
1410	6.9	201		23.8	42	7.2	6.2	D
1412				23.8	44	6.7	6.2	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1414	11.5	171	23.9	46	6.6	6.2	D
1416			24.0	48	6.9	6.3	
1418			24.0	49	7.1	6.3	
1420			24.0	48	7.3	6.2	
1422	3.3	202	24.1	46	7.5	6.2	D
1424	4.7	175	24.1	45	7.3	6.3	D
1426			24.0	44	6.9	6.3	
1428			23.9	44	7.0	6.3	
1430	30.2	167	23.9	45	7.0	6.2	D
1432	29.5	174	23.8	47	7.1	6.3	D
1434			24.0	48	7.1	6.3	
1436			24.2	47	6.9	6.3	
1438			24.2	46	6.8	6.3	
1440	35.8	173	24.2	45	6.8	6.3	D
1442	34.5	171	24.0	44	6.8	6.3	D
1444	32.5	165	23.8	42	6.8	6.3	D
1446	19.2	171	23.8	40	6.8	6.3	A
1448	20.1	161	24.1	40	6.7	6.3	A
1450	22.3	152	24.2	41	6.7	6.3	A
1452	19.6	164	24.2	44	6.7	6.3	A
1454	21.4	155	24.2	46	6.7	6.3	A
1456	30.7	152	24.1	45	6.7	6.3	C
1458	26.5	163	24.2	45	6.8	6.3	A
1460	23.8	162	24.1	45	7.0	6.2	A
1462	28.0	147	24.1	45	7.0	6.2	C
1464	21.2	148	23.8	43	7.1	6.2	B
1466			23.7	41	7.2	6.2	
1468	21.4	148	23.9	40	7.1	6.2	D
1470			23.9	41	7.1	6.2	
1472	22.6	156	24.0	45	7.2	6.2	B
1474			24.0	49	7.2	6.2	
1476	17.4	161	23.9	49	7.0	6.3	D
1478			24.1	47	6.9	6.4	
1480			24.3	47	6.9	6.4	
1482			24.1	47	6.9	6.3	
1484	31.3	154	24.1	46	7.0	6.4	D
1486	33.3	160	24.0	46	7.0	6.3	D
1488	28.0	162	23.9	47	7.0	6.3	D
1490	30.3	149	24.1	47	7.1	6.3	D
1492	32.0	157	24.0	46	7.2	6.2	D

Schlumberger

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1494	31.0	160	24.0	46	7.1	6.2	D
1496	29.9	160	24.2	45	7.3	6.2	D
1498			24.1	44	7.5	6.1	
1500			24.2	45	7.5	6.1	
1502			24.2	45	7.2	6.2	
1504	24.3	225	24.2	44	7.0	6.3	D
1506			24.2	42	7.0	6.3	
1508			24.4	41	6.9	6.3	
1510			24.3	39	6.9	6.2	
1512			24.1	39	6.9	6.2	
1514			24.2	42	6.8	6.2	
1516			24.3	45	6.7	6.2	
1518			24.2	45	6.7	6.2	
1520	18.7	209	24.0	44	6.7	6.2	F
1522	19.1	209	24.2	44	6.8	6.1	F
1524			24.3	43	6.8	6.1	
1526			24.3	43	6.8	6.2	
1528	14.2	126	24.3	42	6.8	6.2	D
1530	15.0	137	24.2	41	6.8	6.2	D
1532	14.2	149	24.1	40	6.8	6.3	D
1534			24.1	40	6.7	6.3	
1536			24.2	41	6.7	6.2	
1538			24.3	45	6.8	6.2	
1540			24.2	47	7.2	6.2	
1542			24.3	47	7.2	6.2	
1544			24.2	46	6.9	6.3	
1546			24.2	46	6.8	6.3	
1548			24.3	46	6.7	6.3	
1550			24.3	47	6.8	6.3	
1552	22.4	312	24.3	46	7.0	6.2	D
1554			24.2	46	7.0	6.2	
1556			24.1	45	7.0	6.2	
1558	25.1	324	24.2	44	7.1	6.2	D
1560	22.3	315	24.3	43	7.1	6.2	D
1562			24.4	43	7.1	6.2	
1564			24.3	43	7.1	6.3	
1566			24.2	43	7.1	6.3	
1568			24.5	42	7.1	6.2	
1570			24.5	41	7.1	6.2	
1572	23.7	144	24.2	40	7.0	6.3	D

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1574			24.4	40	6.9	6.2	
1576	22.0	151	24.4	42	7.0	6.2	D
1578	18.5	159	24.5	43	6.9	6.2	F
1580			24.6	43	6.9	6.1	
1582			24.3	45	6.9	6.1	
1584			24.3	46	6.8	6.1	
1586	24.3	167	24.4	45	6.7	6.1	B
1588	25.2	167	24.4	45	6.7	6.2	B
1590			24.4	44	6.9	6.3	
1592			24.6	44	7.0	6.3	
1594	21.1	186	24.4	43	7.1	6.2	D
1596	25.3	163	24.3	43	7.2	6.2	D
1598			24.3	42	7.1	6.3	
1600	43.8	172	24.2	41	7.1	6.4	D
1602	43.8	171	24.3	41	7.1	6.4	D
1604			24.4	39	7.1	6.3	
1606			24.6	39	7.1	6.3	
1608			24.5	43	7.0	6.3	
1610			24.3	46	7.0	6.3	
1612			24.3	46	6.9	6.3	
1614			24.5	44	7.2	6.3	
1616			24.6	45	7.2	6.4	
1618			24.7	45	7.0	6.4	
1620			24.7	44	7.0	6.4	
1622			24.5	45	7.1	6.4	
1624			24.4	45	7.1	6.3	
1626			24.5	44	7.0	6.3	
1628			24.6	44	6.8	6.2	
1630	14.8	147	24.5	43	6.8	6.2	B
1632	14.7	145	24.6	41	6.8	6.2	B
1634	12.5	125	24.5	40	6.9	6.2	D
1636			24.5	41	6.8	6.1	
1638	20.5	169	24.6	42	6.7	6.1	D
1640			24.6	41	6.4	6.1	
1642			24.5	41	6.1	5.9	
1644			24.5	42	6.0	5.9	
1646			24.5	39	5.9	5.9	
1648			24.5	37	5.8	6.0	
1650			24.5	37	5.8	6.1	
1652			24.4	38	5.7	6.3	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1654			24.5	40	5.7	6.4	
1656			24.6	41	5.8	6.5	
1658			24.8	39	5.8	6.5	
1660			24.6	38	5.8	6.5	
1662			24.3	39	6.0	6.7	
1664	35.6	140	24.4	41	6.1	6.9	D
1666	28.4	158	24.7	42	6.1	7.0	D
1668	34.2	147	24.6	44	6.0	6.9	D
1670			24.5	44	6.0	6.9	
1672	38.5	137	24.5	41	5.9	6.9	D
1674			24.5	40	5.9	6.9	
1676			24.5	42	6.0	7.0	
1678			24.6	41	6.1	6.9	
1680	33.8	147	24.6	38	6.1	7.0	D
1682	31.3	142	24.6	38	6.1	7.2	D
1684	25.4	206	24.4	39	6.0	7.3	B
1686	25.4	166	24.4	41	6.1	7.3	D
1688	21.7	162	24.6	41	6.0	7.3	B
1690	23.1	165	24.6	42	5.9	7.4	D
1692			24.6	43	5.8	7.5	
1694			24.7	43	5.8	7.5	
1696			24.6	43	5.8	7.5	
1698	16.3	139	24.4	43	5.8	7.5	D
1700	19.0	136	24.3	43	5.8	7.4	B
1702	21.0	162	24.5	43	5.8	7.3	B
1704	20.2	163	24.5	42	5.8	7.4	A
1706	21.2	155	24.2	42	5.8	7.5	C
1708	22.2	166 SE	24.1	41	5.8	7.6	A
1710	19.9	151 SE	23.9	40	5.8	7.5	A
1712	16.0	151 SE	24.0	42	5.7	7.4	A
1714			24.2	44	5.7	7.2	
1716			24.1	42	5.6	6.7	
1718			23.9	42	5.6	6.5	
1720			23.9	42	5.6	6.6	
1722			23.9	40	5.6	6.7	
1724			24.0	40	5.6	6.7	
1726			24.0	40	5.6	6.7	
1728			23.7	39	5.7	6.7	
1730			23.5	38	5.7	6.7	
1732			23.7	38	5.9	6.8	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1734			23.8	36	6.1	7.0	
1736			23.8	36	6.1	7.1	
1738			23.5	37	6.2	7.1	
1740			23.4	37	6.1	7.0	
1742			23.6	37	6.1	7.0	
1744			23.6	38	6.1	7.1	
1746	25.7	149	23.5	39	6.0	7.2	B
1748	23.9	149	23.5	41	6.0	7.1	B
1750			23.6	43	6.2	7.1	
1752	29.1	164	23.4	43	6.3	7.1	D
1754	34.2	166	23.4	42	6.1	7.1	D
1756	32.0	168	23.4	41	6.0	7.2	D
1758	26.6	160	23.2	40	6.0	7.0	D
1760			23.3	40	6.1	6.9	
1762			23.3	40	6.5	6.8	
1764			23.2	40	6.6	6.8	
1766			23.1	39	6.4	6.8	
1768			23.1	39	6.3	6.8	
1770			23.0	40	6.3	6.8	
1772			23.1	40	6.1	6.8	
1774			23.2	38	5.9	6.8	
1776			23.3	37	5.9	6.8	
1778			23.2	37	5.9	6.9	
1780			23.1	37	5.9	7.0	
1782			23.3	37	6.0	7.0	
1784			23.1	37	6.0	6.9	
1786	42.4	155	22.7	39	5.9	6.8	D
1788	35.3	174	22.7	41	5.9	6.8	B
1790	35.8	176	22.8	42	5.8	6.7	B
1792	29.1	162	22.7	41	5.9	6.7	D
1794	32.5	171	22.6	39	5.9	6.7	D
1796	43.0	146	22.7	36	5.9	6.6	D
1798	40.5	159	22.7	36	5.9	6.7	D
1802			22.7	42	6.2	6.7	
1804	34.4	171	22.5	42	6.2	6.7	B
1806	40.5	176	22.3	42	6.2	6.8	D
1808	40.7	179	22.4	42	6.1	6.7	D
1810	37.0	170	22.3	41	6.1	6.7	B
1812	37.6	175	22.3	40	6.1	6.8	D
1814			22.6	41	6.1	6.9	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.		BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A	
1816				22.6	42	6.1	7.0		
1818				22.5	42	6.1	6.8		
1820				22.4	42	6.1	6.8		
1822				22.3	41	6.0	6.8		
1824				22.3	41	6.0	6.7		
1826				22.4	40	6.2	6.8		
1828				22.3	40	6.3	7.0		
1830				22.3	40	6.2	7.0		
1832				22.4	40	6.0	6.9		
1834				22.2	39	6.0	6.9		
1836				22.1	39	6.0	6.9		
1838				22.3	38	6.0	6.9		
1840		FAULT ?		22.1	36	5.9	6.8		
1842				22.1	36	5.9	6.8		
1844				22.2	36	5.9	6.9		
1846				22.1	35	5.8	7.0		
1848				22.1	34	5.9	7.0		
1850				22.1	35	6.1	7.1		
1852				21.9	38	6.2	7.0		
1854				21.9	40	6.4	6.9		
1856				22.1	40	6.6	7.0		
1858	33.7	162	SE	22.1	41	6.2	7.0	B	
1860	34.6	160	SE	22.1	40	6.0	7.0	B	
1862	27.3	173		21.9	38	6.1	7.0	D	
1864	40.8	162		21.8	38	6.2	7.0	D	
1866	44.7	154		22.0	38	6.2	7.0	D	
1868				21.9	39	6.2	7.0		
1870	27.2	153		21.8	39	6.2	7.1	D	
1872	40.2	162		21.7	38	6.1	7.2	D	
1874	35.4	168	SE	21.6	39	6.3	7.1	B	
1876	33.1	163		21.8	39	6.3	7.0	D	
1878				21.8	40	6.2	7.1		
1880				21.8	39	6.2	7.2		
1882				21.9	39	6.2	7.2		
1884				21.8	39	6.2	7.1		
1886				21.6	37	6.3	7.0		
1888				21.5	36	6.4	6.9		
1890				21.6	35	6.2	6.8		
1892				21.7	34	6.2	6.9		
1894				21.6	35	6.2	7.0		

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1896			21.7	37	6.2	7.0	
1898	37.6	172	21.7	39	6.3	7.0	D
1900	37.0	179	21.6	39	6.2	7.0	D
1902	23.0	93	21.6	39	6.2	7.1	D
1904	38.2	168	21.7	38	6.2	7.1	D
1906	37.5	169	21.6	37	6.2	7.0	B
1908	43.8	162	21.7	37	6.2	6.9	D
1910	45.4	162	21.7	36	6.2	7.0	D
1912			21.8	36	6.3	7.1	
1914	30.4	195	21.8	36	6.2	6.8	D
1916	29.9	195	21.4	37	6.4	6.7	D
1918			21.4	36	6.4	6.9	
1920	42.2	167	21.5	34	6.3	7.0	D
1922	43.0	165	21.5	34	6.3	7.0	D
1924	40.7	163	21.5	35	6.4	6.9	D
1926			21.4	36	6.4	6.9	
1928	48.0	175	21.4	36	6.3	7.0	D
1930			21.4	34	6.2	7.1	
1932			21.5	33	6.1	7.1	
1934			21.6	35	6.0	7.0	
1936			21.5	36	6.0	7.1	
1938			21.6	35	6.1	7.1	
1940			21.5	35	6.1	7.2	
1942	40.4	171 SE	21.5	35	6.0	7.3	B
1944	40.4	166	21.4	34	6.1	7.4	D
1946			21.3	34	6.1	7.2	
1948	41.3	179	21.4	34	6.2	6.9	D
1950	34.2	177	21.4	34	6.2	6.9	D
1952			21.4	34	6.2	6.9	
1954			21.4	33	6.1	7.0	
1956	43.4	164	21.5	31	6.0	7.0	B
1958			21.5	30	6.1	7.1	
1960			21.5	30	6.2	7.0	
1962	40.4	179	21.4	30	6.3	6.9	D
1964			21.5	31	6.1	7.0	
1966			21.4	33	6.1	7.1	
1968			21.2	33	6.1	7.2	
1970			21.2	33	6.1	7.1	
1972	40.4	185	21.3	34	6.1	6.9	D
1974	40.8	188	21.3	35	6.1	6.9	D

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
1976	42.5	177	21.3	35	6.1	7.1	D
1978			21.5	34	6.2	7.1	
1980	34.6	198	21.5	35	6.3	7.0	D
1982			21.3	36	6.3	7.0	
1984	16.9	17	21.3	34	6.3	7.0	D
1986	4.4	72	21.4	32	6.1	6.9	D
1988	18.9	52	21.4	30	6.1	7.0	D
1990	17.4	41	21.3	30	6.2	7.1	D
1992	14.8	55	21.1	30	6.2	7.1	D
1994			21.0	30	6.2	7.1	
1996			20.9	30	6.2	7.0	
1998			21.0	31	6.1	6.8	
2000			21.1	31	6.0	6.6	
2002			21.1	31	6.0	6.4	
2004			21.1	30	5.9	6.3	
2006			21.2	29	5.8	6.4	
2008			21.2	29	6.1	6.8	
2010			21.1	28	6.5	7.0	
2012			21.1	28	6.6	7.0	
2014			20.9	27	6.3	7.0	
2016			21.0	27	6.2	7.0	
2018			21.1	28	6.2	7.0	
2020			20.9	29	6.2	6.8	
2022	18.7	192	21.0	31	6.2	6.5	D
2024	20.9	171	21.0	33	6.3	6.5	D
2026	19.9	177 S	21.0	32	6.3	6.6	B
2028	19.6	180 S	21.1	31	6.3	6.6	B
2030	14.0	180	21.1	30	6.4	6.6	D
2032			21.0	30	6.5	6.6	
2034			21.0	30	6.7	6.6	
2036			20.9	30	6.7	6.6	
2038	38.0	180 S	20.9	29	6.7	6.6	B
2040	37.4	168	21.0	29	6.6	6.5	D
2042	39.5	173	21.0	29	6.6	6.5	B
2044			21.1	30	6.6	6.5	
2046	39.4	180 S	21.0	29	6.3	6.5	B
2048	32.1	178	21.0	26	6.2	6.4	D
2050			20.9	25	6.2	6.4	
2052			21.0	26	6.2	6.4	
2054			21.0	27	6.2	6.4	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2056	47.4	175	20.9	27	6.2	6.3	D
2058			21.0	27	6.3	6.2	
2060			21.2	29	6.6	6.2	
2062			21.2	30	6.7	6.4	
2064			21.1	29	6.4	6.4	
2066			21.1	29	6.1	6.5	
2068			21.1	28	6.1	6.6	
2070			21.0	26	6.1	6.7	
2072			21.1	25	6.1	6.7	
2074			21.2	25	6.2	6.7	
2076			21.2	25	6.2	6.7	
2078			21.3	25	6.1	6.7	
2080			21.3	26	6.1	6.7	
2082			21.2	28	6.0	6.7	
2084			21.1	29	6.1	6.7	
2086			21.2	29	6.0	6.6	
2088			21.4	29	6.0	6.7	
2090			21.2	29	6.2	6.7	
2092			21.2	27	6.5	6.7	
2094			21.1	26	6.4	6.7	
2096			21.1	27	6.3	6.8	
2098			21.2	28	6.3	6.8	
2100	51.9	238	21.2	27	6.4	6.8	D
2102	53.5	235	21.3	27	6.5	6.8	D
2104			21.4	29	6.5	6.7	
2106			21.3	28	6.5	6.7	
2108			21.2	28	6.4	6.7	
2110			21.1	29	6.3	6.7	
2112			21.2	29	6.3	6.6	
2114			21.3	28	6.4	6.6	
2116			21.2	29	6.5	6.6	
2118			21.0	30	6.6	6.7	
2120			21.2	31	6.4	6.7	
2122			21.3	31	6.3	6.7	
2124			21.3	31	6.2	6.8	
2126			21.5	31	6.1	6.7	
2128			21.5	30	6.1	6.7	
2130			21.4	30	6.2	6.8	
2132			21.6	30	6.2	6.9	
2134			21.7	29	6.2	6.9	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2136	57.9	172 S	21.5	28	6.1	6.8	B
2138	44.0	179	21.2	27	6.1	6.7	D
2140	44.3	176	21.3	27	6.1	6.7	D
2142			21.4	27	6.2	6.8	
2144			21.4	26	6.2	6.7	
2146			21.5	26	6.2	6.7	
2148	49.1	193 SW	21.5	26	6.1	6.7	B
2150	47.6	192	21.4	26	6.1	6.7	D
2152			21.5	25	6.0	6.7	
2154			21.4	25	5.9	6.7	
2156	45.8	183	21.4	25	6.0	6.7	D
2158			21.5	24	6.2	6.7	
2160			21.5	26	6.3	6.7	
2162			21.5	29	6.3	6.7	
2164			21.4	30	6.2	6.8	
2166			21.5	31	6.1	6.8	
2168			21.5	31	6.1	6.8	
2170			21.4	31	6.1	6.8	
2172	38.7	356 N	21.5	29	6.1	6.7	A
2174	38.3	358 N	21.6	29	6.1	6.7	A
2176	27.8	354	21.6	30	6.1	6.9	C
2178			21.6	29	6.1	6.9	
2180	18.4	163 SE	21.5	28	6.1	6.9	B
2182	19.1	163 SE	21.7	28	6.1	6.9	B
2184	26.9	168	21.6	29	6.1	6.9	D
2186			21.7	29	6.1	6.9	
2188			21.9	28	6.2	6.9	
2190			21.7	29	6.2	7.0	
2192			21.7	28	6.1	7.1	
2194			21.7	28	6.1	7.2	
2196			21.6	29	6.1	7.1	
2198			21.6	29	6.1	7.0	
2200			21.7	28	6.1	7.0	
2202			21.7	28	6.2	6.9	
2204			21.7	28	6.2	6.8	
2206	24.1	167	21.5	27	6.2	7.0	B
2208			21.6	26	6.1	7.1	
2210			21.7	26	6.2	7.0	
2212			21.7	25	6.1	6.8	
2214	32.1	131	21.7	25	6.1	6.8	D

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2216	37.8	136	21.7	25	6.1	6.8	D
2218			21.6	24	6.1	6.7	
2220			21.6	25	5.9	6.7	
2222			21.8	28	5.9	6.8	
2224			21.8	29	6.1	7.0	
2226			21.6	30	6.1	7.0	
2228	52.1	177	21.6	30	6.1	6.9	D
2230	52.2	177	21.6	30	6.1	6.9	D
2232			21.6	29	6.1	6.8	
2234			21.7	29	6.0	6.7	
2236			21.7	28	6.0	6.7	
2238	30.5	156	21.7	29	6.1	6.9	D
2240			21.8	30	6.1	6.9	
2242			21.8	29	6.1	6.9	
2244			21.7	29	6.1	6.8	
2246			21.8	28	6.1	6.8	
2248	40.2	160	21.7	28	6.2	6.9	D
2250	33.5	162	21.7	27	6.2	6.9	B
2252	33.5	162	21.8	26	6.1	6.9	B
2254			21.8	27	6.1	6.9	
2256			21.8	26	6.1	7.0	
2258			21.7	26	6.1	6.9	
2260			21.7	27	6.1	6.8	
2262	35.1	167	21.7	26	6.1	6.8	D
2264	37.5	158	21.7	25	6.0	6.7	D
2266	33.3	170	21.8	24	6.1	6.6	D
2268	31.9	166	21.8	24	6.0	6.4	D
2270	33.3	161	21.8	24	6.0	6.3	B
2272	34.3	147	21.8	25	6.1	6.5	D
2274			21.8	27	6.1	6.5	
2276	34.4	170	21.7	28	6.0	6.3	D
2278	34.4	174	21.8	28	6.0	6.2	B
2280			21.8	29	6.1	6.3	
2282	24.8	116	21.8	29	6.1	6.5	B
2284	30.2	121	21.9	30	6.1	6.6	D
2286	43.6	119	21.9	28	6.0	6.5	D
2288			21.8	27	6.0	6.6	
2290			21.7	29	6.1	6.8	
2292	24.2	105	21.8	29	6.1	6.7	D
2294	42.3	199	22.0	27	6.1	6.6	D

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2296	42.2	197	22.0	27	6.1	6.5	D
2298			21.8	30	6.0	6.3	
2300			21.7	28	6.0	6.2	
2302			21.9	26	6.0	6.2	
2304			22.1	24	6.0	6.2	
2306			21.9	24	5.9	6.1	
2308			21.8	26	6.0	6.2	
2310			21.9	27	6.1	6.2	
2312			21.9	27	6.1	6.2	
2314			21.9	28	6.1	6.2	
2316			21.7	27	6.1	6.2	
2318	33.6	146	21.9	27	6.1	6.1	D
2320	39.9	157	21.9	26	6.0	6.1	D
2322			21.8	26	6.0	6.2	
2324	31.8	120	21.9	26	5.9	6.3	D
2326	36.2	149	21.9	26	5.9	6.2	D
2328			21.9	26	6.0	6.2	
2330			21.9	27	6.0	6.2	
2332	36.2	146	22.0	25	6.0	6.1	D
2334			22.1	25	6.0	6.1	
2336			21.9	23	5.9	6.1	
2338			22.1	23	5.9	6.1	
2340			22.1	24	5.9	6.1	
2342			21.8	23	6.0	6.2	
2344			21.9	24	5.9	6.2	
2346			22.0	27	5.9	6.1	
2348	40.1	179	22.1	30	6.0	6.2	B
2350	42.6	178	22.1	30	6.0	6.1	B
2352	37.5	165	22.0	29	5.9	6.1	D
2354	46.0	179	22.0	28	5.8	6.1	D
2356			22.0	28	5.8	6.0	
2358			22.2	28	5.8	6.1	
2360			22.4	27	5.9	6.2	
2362			22.5	26	6.0	6.2	
2364			22.4	26	5.9	6.2	
2366			22.4	25	5.9	6.1	
2368			22.4	25	5.9	6.1	
2370			22.4	24	5.9	6.2	
2372			22.4	24	6.0	6.2	
2374			22.4	25	6.0	6.2	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2376			22.5	27	6.0	6.2	
2378			22.5	29	5.9	6.1	
2380	14.1	100	22.3	30	6.0	6.1	D
2382			22.3	29	6.1	6.1	
2384			22.4	28	6.1	6.2	
2386			22.5	28	6.2	6.4	
2388	27.9	120	22.5	29	6.1	6.2	D
2390	26.5	118	22.3	29	6.0	6.3	D
2392			22.2	29	6.0	6.4	
2394	19.5	114	22.3	29	6.1	6.4	B
2396	19.7	112	22.3	29	6.1	6.4	D
2398	52.5	163	22.1	28	6.1	6.4	B
2400			22.2	27	6.2	6.5	
2402	37.2	157	22.5	25	6.2	6.6	D
2404			22.5	24	6.2	6.6	
2406	36.3	143	22.4	23	6.2	6.6	D
2408	34.6	143	22.5	24	6.2	6.6	B
2410			22.5	25	6.2	6.7	
2412			22.6	28	6.1	6.8	
2414	35.8	168	22.6	30	6.1	6.7	D
2416	32.2	161	22.5	30	6.1	6.5	B
2418	46.1	158	22.4	30	6.1	6.5	F
2420	47.6	159	22.4	30	6.2	6.6	F
2422	40.8	163	22.5	30	6.1	6.6	D
2424	45.1	163	22.4	29	6.0	6.6	D
2426			22.3	30	5.9	6.6	
2428			22.5	29	5.8	6.5	
2430			22.7	27	5.8	6.5	
2432			22.7	27	5.9	6.6	
2434			22.6	29	5.9	6.6	
2436			22.6	28	5.9	6.5	
2438			22.6	28	5.9	6.4	
2440			22.6	28	5.9	6.5	
2442	20.5	113	22.5	28	5.9	6.7	C
2444			22.5	27	5.9	6.9	
2446	23.6	128	22.7	25	6.0	6.8	C
2448	22.5	126	22.8	26	6.0	6.6	C
2450	26.0	107	22.6	27	6.1	6.6	A
2452	26.4	112	22.6	28	6.1	6.6	A
2454	18.7	121	22.8	29	5.9	6.4	A

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DEPTH	FORMATION DIP	FORMATION DIP AZI.		BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2456				22.7	28	5.8	6.3	
2458				22.6	27	5.9	6.4	
2460				22.5	27	5.9	6.6	
2462				22.6	27	6.0	6.7	
2464				22.6	27	6.1	6.7	
2466	22.9	130		22.7	26	6.1	6.6	D
2468	31.2	130		22.7	25	6.0	6.4	D
2470	26.7	128		22.7	24	6.0	6.5	D
2472				22.7	24	6.1	6.7	
2474	33.8	131		22.8	24	6.1	6.8	D
2476	25.9	138		22.8	24	6.1	6.9	F
2478	26.2	142		22.8	27	6.0	6.8	E
2480	23.1	160		22.8	30	6.0	6.7	A
2482				22.7	30	6.1	6.8	
2484				22.9	28	6.1	6.8	
2486	25.7	155		22.9	28	6.1	6.8	C
2488	23.2	156		22.8	27	6.2	6.8	A
2490	25.2	157		22.9	27	6.1	6.8	A
2492	32.3	151		23.0	27	6.2	6.8	C
2494				22.9	27	6.2	6.7	
2496	18.0	166	SE	22.9	27	6.1	6.7	A
2498	22.3	149	SE	22.9	26	6.1	6.7	A
2500	21.9	149	SE	23.0	26	6.2	6.7	A
2502	24.3	152	SE	22.9	26	6.1	6.8	A
2504	21.6	139		22.8	26	6.1	6.8	A
2506	26.0	159		23.0	27	6.1	6.8	C
2508	27.3	160		23.0	28	6.1	6.8	A
2510	21.8	156		22.9	30	6.2	6.8	A
2512	15.3	151		23.0	31	6.2	6.8	A
2514	22.3	154		23.1	32	6.1	6.8	A
2516	23.9	155		23.2	31	6.1	6.7	A
2518	27.5	152		23.0	32	6.1	6.7	B
2520	29.3	157		22.9	31	6.1	6.7	B
2522	29.9	149		22.9	30	6.1	6.7	B
2524	31.1	137		22.9	29	6.2	6.7	D
2526				23.1	29	6.1	6.6	
2528	27.1	147		23.0	29	6.1	6.3	B
2530				23.0	29	6.1	6.3	
2532				23.1	28	6.1	6.4	
2534				22.9	27	6.1	6.4	

Schlumberger

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2536	21.4	143	23.1	26	6.2	6.4	D
2538	23.3	136	23.1	25	6.2	6.4	A
2540	23.7	139	22.9	25	6.2	6.4	A
2542	21.4	138	22.9	25	6.2	6.4	A
2544	23.2	139	23.0	25	6.2	6.4	A
2546	23.7	181	23.0	25	6.1	6.4	D
2548	23.6	182	22.8	27	6.1	6.4	D
2550	21.6	144	22.8	28	6.2	6.3	B
2552	12.1	136	22.9	30	6.2	6.3	D
2554	10.2	139	22.9	31	6.2	6.3	D
2556	25.8	169	23.1	31	6.2	6.3	D
2558	27.7	166	23.0	31	6.2	6.3	D
2560	19.8	153	22.9	31	6.1	6.2	B
2562	20.8	156	22.9	30	6.0	6.2	F
2564	25.6	172	23.0	29	5.9	6.3	D
2566	25.2	173	23.3	29	6.0	6.4	D
2568			23.3	28	6.1	6.5	
2570			23.2	30	6.0	6.5	
2572			23.1	30	6.0	6.5	
2574	33.4	355	23.1	27	6.0	6.4	D
2576	33.3	357	23.1	26	5.9	6.3	B
2578			23.1	26	5.9	6.2	
2580			23.2	25	5.9	6.1	
2582			23.3	25	5.8	6.1	
2584			23.2	24	5.8	6.2	
2586			23.1	25	5.9	6.3	
2588			23.4	27	5.9	6.3	
2590	51.7	123	23.6	27	5.8	6.2	F
2592			23.4	29	5.8	6.2	
2594			23.2	30	5.9	6.2	
2596			23.1	29	6.0	6.3	
2598			23.3	27	5.9	6.0	
2600			23.4	27	5.8	5.8	
2602			23.3	26	6.2	6.0	
2604			23.3	26	6.5	6.1	
2606	49.6	122	23.3	27	6.5	6.1	D
2608			23.4	27	6.3	6.0	
2610			23.5	26	6.1	5.8	
2612	23.0	120	23.4	26	6.1	5.8	D
2614	20.4	122	23.4	26	6.5	6.1	B

Schlumberger

DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2616			23.2	23	6.7	6.3	
2618			23.2	23	6.5	6.3	
2620	17.0	122	23.3	24	6.6	6.1	D
2622			23.5	22	6.7	6.2	
2624			23.5	23	6.7	6.3	
2626			23.3	24	6.7	6.4	
2628			23.3	25	6.5	6.2	
2630			23.4	26	6.6	6.2	
2632			23.3	27	6.6	6.2	
2634			23.2	27	6.6	6.2	
2636			23.2	26	6.7	6.3	
2638			23.4	27	6.6	6.2	
2640			23.4	28	6.5	6.1	
2642			23.4	28	6.4	6.1	
2644	33.8	54	23.3	26	6.6	6.1	D
2646	34.2	53	23.3	25	6.8	6.2	D
2648			23.3	24	6.9	6.2	
2650	39.8	173	23.2	23	6.8	6.2	D
2652			23.3	25	6.8	6.4	
2654	17.9	171	23.4	25	6.7	6.4	B
2656			23.5	25	6.8	6.3	
2658			23.4	25	6.8	6.3	
2660	16.2	172	23.5	25	6.8	6.4	D
2662			23.5	24	6.8	6.4	
2664			23.5	24	6.9	6.4	
2666			23.3	25	6.9	6.5	
2668			23.5	26	6.9	6.5	
2670			23.6	26	6.8	6.4	
2672			23.7	26	6.7	6.4	
2674			23.7	26	6.7	6.4	
2676			23.6	26	6.8	6.4	
2678			23.6	27	6.8	6.4	
2680			23.6	26	6.8	6.4	
2682			23.5	25	6.8	6.4	
2684			23.5	24	6.7	6.2	
2686			23.7	24	6.7	6.2	
2688	22.5	182	23.7	24	6.7	6.2	D
2690	20.5	172	23.6	25	6.8	6.3	D
2692	20.3	157	23.5	25	6.8	6.3	B
2694			23.6	26	6.8	6.3	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2696			23.4	26	6.9	6.4	
2698	21.3	184	23.3	26	6.9	6.3	B
2700	19.8	180	23.3	26	6.7	6.3	D
2702	13.7	144	23.4	26	6.5	6.2	F
2704	12.0	148	23.4	28	6.4	6.2	D
2706	11.0	130	23.6	28	6.6	6.3	D
2708			23.6	27	6.7	6.3	
2710			23.5	24	6.8	6.2	
2712			23.6	23	6.9	6.3	
2714			23.7	21	6.9	6.4	
2716			23.5	21	6.9	6.4	
2718			23.5	21	7.1	6.4	
2720			23.5	22	7.1	6.4	
2722	36.7	220	23.5	21	7.0	6.4	D
2724	34.6	216	23.5	22	7.0	6.4	D
2726			23.6	22	7.0	6.2	
2728	42.1	174	23.7	23	7.0	6.2	B
2730	36.5	148	23.7	22	7.0	6.2	D
2732	46.2	137	23.5	22	7.0	6.2	D
2734			23.7	25	7.0	6.5	
2736	37.8	149	23.8	26	6.9	6.6	D
2738	39.3	148	23.7	27	6.8	6.5	D
2740	40.3	138	23.7	26	6.8	6.5	D
2742	44.9	141	23.5	26	6.7	6.4	D
2744	40.8	139	23.5	27	6.7	6.5	D
2746			23.7	28	6.8	6.5	
2748			23.7	27	6.9	6.5	
2750			23.7	26	6.9	6.5	
2752			23.6	26	6.9	6.5	
2754			23.6	25	6.8	6.5	
2756			23.6	24	6.9	6.4	
2758			23.7	24	7.0	6.3	
2760			23.7	24	7.0	6.4	
2762			23.7	24	6.8	6.5	
2764			23.8	24	6.6	6.5	
2766			23.5	24	6.6	6.6	
2768			23.3	24	6.6	6.6	
2770	39.7	176	23.4	24	6.6	6.6	D
2772	28.6	165	23.5	25	6.5	6.5	D
2774	26.5	164	23.6	26	6.2	6.4	D

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2776	33.1	172	23.7	25	6.2	6.5	D
2778	35.1	172	23.5	25	6.3	6.9	D
2780	36.2	171	23.5	26	6.3	7.1	B
2782	36.1	169	23.4	25	6.4	7.0	B
2784			23.4	23	6.5	7.0	
2786			23.5	22	6.5	7.0	
2788			23.5	24	6.5	6.9	
2790			23.6	24	6.5	7.0	
2792	19.7	143	23.6	24	6.4	7.0	D
2794			23.5	24	6.3	7.0	
2796	20.2	116	23.5	25	6.4	7.0	D
2798	20.5	121	23.6	25	6.4	7.0	D
2800	20.6	140	23.5	25	6.4	7.0	F
2802	16.3	119	23.4	25	6.3	6.9	B
2804			23.3	25	6.2	6.9	
2806			23.4	27	6.3	6.9	
2808			23.6	28	6.4	6.8	
2810			23.7	27	6.4	6.8	
2812			23.6	27	6.3	6.9	
2814			23.4	25	6.2	6.9	
2816			23.4	24	6.3	6.9	
2818			23.3	25	6.5	6.9	
2820			23.2	25	6.6	6.8	
2822			23.3	27	6.6	6.8	
2824			23.3	29	6.5	6.7	
2826			23.3	29	6.4	6.5	
2828			23.2	28	6.5	6.6	
2830			23.1	28	6.4	6.5	
2832			23.3	28	6.2	6.4	
2834			23.4	27	6.4	6.3	
2836			23.5	26	6.7	6.3	
2838			23.3	25	6.7	6.3	
2840			23.1	24	6.6	6.2	
2842			23.2	20	6.4	6.2	
2844			23.3	20	6.3	6.2	
2846			23.2	24	6.2	6.2	
2848	19.3	287	23.3	25	6.2	6.1	D
2850			23.4	27	6.2	6.1	
2852			23.3	27	6.3	6.0	
2854			23.3	26	6.5	6.1	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2856			23.4	25	6.7	6.2	
2858			23.4	25	6.9	6.4	
2860			23.4	24	6.9	6.5	
2862			23.4	21	6.9	6.5	
2864			23.4	19	6.8	6.5	
2866	13.2	292	23.3	19	6.7	6.6	D
2868			23.3	33	6.6	6.6	
2870			23.3	31	6.3	6.6	
2872			23.4	17	6.1	6.6	
2874			23.4	17	6.2	6.8	
2876			23.4	17	6.4	7.0	
2878	32.2	122	23.4	19	6.5	6.9	D
2880	32.3	116	23.4	20	6.5	6.8	D
2882	27.8	131	23.5	20	6.6	6.6	D
2884	25.9	127	23.5	19	6.5	6.4	D
2886			23.5	19	6.6	6.3	
2888	22.1	117	23.5	21	6.7	6.4	A
2890	22.6	121	23.5	21	6.9	6.5	C
2892	23.7	127	23.5	21	7.0	6.5	C
2894	21.7	128	23.5	24	6.9	6.5	C
2896			23.5	24	6.7	6.3	
2898	24.9	128	23.5	25	6.8	6.2	D
2900	26.1	168	23.6	26	6.8	6.2	B
2902	25.0	162	23.5	26	6.8	6.2	B
2904			23.4	25	6.7	6.1	
2906	28.0	141	23.5	25	6.9	6.1	B
2908	27.4	143	23.5	26	6.9	6.1	D
2910			23.4	22	6.7	6.1	
2912			23.4	21	6.7	6.2	
2914			23.4	23	6.8	6.1	
2916			23.5	23	6.7	6.1	
2918			23.4	21	6.4	6.1	
2920	15.6	101	23.3	21	6.4	6.1	B
2922	16.3	102	23.2	22	6.3	6.1	B
2924	14.4	333	23.2	20	6.4	6.2	D
2926	23.1	345	23.2	20	6.6	6.2	D
2928			23.2	22	6.4	6.1	
2930			23.0	22	6.0	6.0	
2932	15.0	342	22.9	22	5.9	5.9	F
2934	13.2	349	23.0	21	6.2	6.0	F

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DEPTH	FORMATION DIP	FORMATION DIP AZI.		BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2936				23.0	23	6.6	6.2	
2938				23.0	25	6.8	6.2	
2940				23.0	25	6.7	6.2	
2942				22.9	25	6.3	6.2	
2944				23.0	25	6.2	6.2	
2946	16.7	347		22.9	25	6.3	6.2	F
2948	16.2	349		22.8	24	6.3	6.2	D
2950	5.7	173		22.7	23	6.4	6.3	B
2952	7.6	194		22.7	22	6.5	6.3	B
2954	7.8	188		22.8	22	6.5	6.3	B
2956	2.6	228		22.8	22	6.4	6.3	D
2958	6.3	187		22.9	24	6.4	6.4	B
2960	5.5	185		22.9	23	6.4	6.5	B
2962				22.8	24	6.5	6.5	
2964				22.8	26	6.6	6.5	
2966				22.6	27	6.5	6.5	
2968				22.5	27	6.4	6.4	
2970				22.5	28	6.4	6.4	
2972	12.9	205		22.5	27	6.4	6.4	B
2974	10.7	194		22.4	26	6.5	6.5	A
2976	7.0	213	SW	22.4	26	6.6	6.4	A
2978	8.3	200	SW	22.4	26	6.6	6.4	A
2980	8.6	197	SSW	22.4	26	6.5	6.4	A
2982	14.3	198	SSW	22.4	26	6.4	6.4	A
2984	13.7	193	SSW	22.4	24	6.3	6.5	A
2986	10.6	184	S	22.6	23	6.4	6.5	A
2988				22.3	25	6.5	6.5	
2990				22.1	24	6.5	6.4	
2992				22.2	24	6.6	6.4	
2994				22.1	22	6.6	6.4	
2996	11.8	165		22.1	19	6.7	6.4	D
2998				21.9	20	6.7	6.3	
3000				22.0	22	6.6	6.3	
3002				22.0	23	6.7	6.4	
3004				22.1	22	6.7	6.4	
3006				22.3	23	6.7	6.4	
3008	8.3	179		22.0	23	6.6	6.5	B
3010	10.2	184		22.1	23	6.6	6.5	D
3012	8.3	164		22.1	24	6.6	6.4	D
3014	9.2	206		21.9	25	6.5	6.5	A

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
3016	11.3	187	22.0	26	6.5	6.5	A
3018	8.0	198	22.0	26	6.5	6.5	A
3020	7.0	194	21.8	23	6.6	6.5	A
3022	7.2	174	21.7	21	6.5	6.4	F
3024	14.0	179	21.8	20	6.3	6.3	D
3026	13.5	184	21.7	21	6.3	6.4	D
3028			21.8	22	6.3	6.5	
3030			21.7	23	6.3	6.5	
3032			21.9	24	6.2	6.5	
3034	15.9	193	22.0	25	6.1	6.4	B
3036	12.3	86	21.7	25	6.1	6.3	B
3038			21.7	24	6.3	6.3	
3040			21.7	25	6.3	6.3	
3042			21.6	25	6.2	6.2	
3044			21.7	22	6.4	6.2	
3046			21.6	19	6.5	6.3	
3048			21.5	20	6.2	6.3	
3050			21.6	18	6.2	6.3	
3052			21.5	15	6.3	6.2	
3054			21.3	16	6.3	6.3	
3056			21.3	14	6.2	6.3	
3058			21.3	12	6.2	6.3	
3060			21.3	13	6.1	6.3	
3062			21.5	17	6.1	6.2	
3064			21.4	23	6.1	6.3	
3066			21.3	25	6.2	6.3	
3068	72.6	175	21.3	24	6.2	6.4	B
3070	73.8	155	21.4	21	6.0	6.4	B
3072			21.5	20	5.9	6.3	
3074			21.4	21	6.1	6.4	
3076			21.3	19	6.3	6.4	
3078			21.4	18	6.4	6.4	
3080			21.3	17	6.4	6.3	
3082	16.4	194	21.2	18	6.5	6.4	C
3084	16.8	192	21.3	19	6.5	6.4	C
3086	16.5	210	21.4	20	6.5	6.5	A
3088	19.0	224	21.4	23	6.3	6.4	A
3090	22.4	228	21.3	24	6.2	6.4	A
3092	21.7	215	21.4	22	6.2	6.5	A
3094	21.4	215	21.4	21	6.2	6.5	A

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
3096	22.7	212	21.2	19	6.2	6.5	A
3098			21.3	20	6.2	6.5	
3100			21.4	21	6.3	6.4	
3102			21.3	20	6.4	6.4	
3104			21.1	20	6.4	6.4	
3106			21.2	21	6.4	6.4	
3108			21.1	202	6.5	6.4	
3110			21.1	34	6.5	6.4	
3112			21.4	23	6.5	6.4	
3114			21.2	24	6.4	6.4	
3116			21.0	24	6.3	6.4	
3118			21.0	25	6.3	6.4	
3120			20.8	25	6.3	6.4	
3122	8.5	52	20.9	23	6.3	6.3	D
3124	6.7	44	21.0	21	6.3	6.3	B
3126	4.1	27	21.0	20	6.3	6.3	F
3128			21.0	22	6.3	6.3	
3130			21.0	23	6.4	6.3	
3132	4.0	35	21.1	23	6.3	6.4	D
3134	4.4	108	20.9	24	6.3	6.3	D
3136	1.0	87	20.8	26	6.3	6.2	D
3138	6.2	130	20.8	25	6.2	6.1	A
3140	9.0	132	20.5	22	6.2	6.2	A
3142	5.8	165	20.4	21	6.2	6.2	A
3144	3.4	210	20.3	24	6.0	6.2	C
3146			20.2	25	6.0	6.1	
3148			20.2	24	6.0	6.1	
3150	28.2	185	20.3	21	6.0	6.1	D
3152	29.4	182	20.3	18	5.9	6.2	D
3154	28.8	187	20.2	19	5.9	6.1	B
3156	2.3	70	20.0	23	5.8	6.0	D
3158	6.2	180	20.1	24	5.8	6.0	B
3160	5.0	207	20.3	23	5.9	6.1	B
3162	2.8	167	20.2	21	6.0	6.1	D
3164	7.4	138	20.3	20	6.0	6.1	D
3166			20.5	19	6.0	6.1	
3168	33.1	195	20.4	16	6.1	6.0	D
3170	6.1	179	20.4	18	6.2	5.9	D
3172	3.9	166	20.4	19	6.2	5.8	A
3174	7.7	174	20.3	17	6.1	5.8	A

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
3176	8.0	190	20.4	17	6.0	5.8	A
3178	6.9	183	20.4	17	6.0	5.9	A
3180	9.6	164	20.4	17	6.1	5.8	A
3182	8.0	188	20.2	20	6.1	5.9	A
3184	7.8	198	20.1	20	6.1	6.1	C
3186	7.6	185	20.2	21	6.1	6.2	A
3188	7.4	173	20.3	24	6.1	6.2	A
3190	7.9	191	20.1	24	6.1	6.2	A
3192	10.4	198	20.0	24	6.2	6.3	A
3194	6.5	180	20.1	24	6.3	6.3	C
3196	5.8	159	20.1	21	6.3	6.4	C
3198	4.2	183	20.1	19	6.3	6.4	A
3200	4.1	233	19.9	20	6.2	6.3	A
3202	8.4	180	19.9	20	6.2	6.3	A
3204	8.1	206	19.9	21	6.2	6.3	A
3206	7.1	190	19.9	22	6.2	6.4	C
3208			19.8	24	6.2	6.3	
3210			19.7	25	6.2	6.3	
3212	10.4	145	19.6	25	6.2	6.3	A
3214	7.9	135	19.7	25	6.2	6.3	A
3216	5.9	153	19.8	25	6.1	6.4	A
3218	5.2	192	19.9	24	6.1	6.4	A
3220	5.7	211	19.9	22	6.1	6.2	A
3222	12.5	205	19.9	19	5.9	6.1	A
3224	14.7	212	19.9	16	5.9	6.2	A
3226			19.9	14	6.0	6.1	
3228	17.0	189	19.9	16	6.1	6.1	A
3230	15.4	207	19.9	21	6.2	6.2	A
3232	16.3	197	19.9	22	6.1	6.2	A
3234	10.4	184	19.8	21	6.1	6.3	A
3236	6.7	203	19.8	23	6.1	6.4	C
3238	12.4	200	19.8	24	6.1	6.4	A
3240	12.3	182	19.8	23	6.1	6.3	A
3242	11.1	199	19.8	22	6.0	6.3	A
3244	11.9	213	19.7	23	6.0	6.3	A
3246	8.1	233	19.9	25	5.9	6.2	A

T.D.

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2804			23.1	24	6.1	6.8	
2806			23.0	25	6.2	6.8	
2808	21.0	145	22.9	24	6.2	6.8	D
2810	20.4	94	22.9	24	6.2	6.7	D
2812	19.6	94	22.8	24	6.2	6.7	D
2814	17.5	131	22.8	23	6.2	6.7	F
2816	15.4	129	22.9	24	6.2	6.7	D
2818			23.0	24	6.2	6.7	
2820			23.1	24	6.4	6.9	
2822			23.0	24	6.3	7.0	
2824			22.8	24	6.2	6.9	
2826			22.7	24	6.2	6.8	
2828			22.8	25	6.1	6.7	
2830			22.9	25	6.1	6.5	
2832	38.0	162	22.9	24	5.9	6.4	D
2834	37.9	155	22.9	24	5.8	6.4	D
2836			22.9	24	6.0	6.5	
2838			22.9	23	6.0	6.5	
2840			22.9	23	5.9	6.3	
2842			22.8	23	5.9	6.2	
2844			22.9	23	6.2	6.1	
2846	39.3	163	22.9	22	6.3	6.1	D
2848			22.9	21	6.2	6.0	
2850			23.0	19	5.9	5.9	
2852			22.9	19	5.8	6.0	
2854			22.7	20	5.9	6.2	
2856			22.7	20	6.0	6.5	
2858			22.8	21	6.2	6.7	
2860			22.9	21	6.3	6.8	
2862			23.0	21	6.2	6.7	
2864			22.9	21	6.1	6.8	
2866			23.0	22	6.2	6.8	
2868			23.1	23	6.2	6.8	
2870	17.1	137	22.9	22	6.0	6.6	D
2872	16.8	129	22.8	22	5.8	6.4	D
2874			23.0	22	6.0	6.6	
2876			22.9	23	6.1	6.8	
2878			22.8	24	6.2	6.7	
2880			22.9	23	6.2	6.7	
2882	22.0	127	23.0	21	6.1	6.6	B

REPEAT ?

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2884	20.0	115	22.9	19	5.9	6.4	D
2886			22.7	18	5.9	6.4	
2888	9.6	82	22.9	19	6.1	6.5	B
2890	8.7	70	23.0	22	6.2	6.7	B
2892	16.5	182	22.9	22	6.2	6.8	D
2894	18.0	189	22.8	23	6.2	6.7	D
2896			22.8	21	6.1	6.5	
2898			22.9	19	6.1	6.5	
2900	22.5	154	22.9	19	6.1	6.6	B
2902	22.0	155	22.9	20	6.0	6.6	B
2904			22.8	22	5.9	6.5	
2906	26.2	136	22.9	22	5.9	6.6	D
2908			22.9	22	5.8	6.6	
2910			22.9	23	5.8	6.4	
2912			22.9	20	5.9	6.4	
2914			22.8	19	6.0	6.5	
2916			22.8	20	6.0	6.5	
2918	15.2	107	22.6	20	5.9	6.4	D
2920	14.7	97	22.6	23	5.9	6.3	D
2922	15.9	104	22.6	24	5.8	6.1	F
2924			22.7	20	5.9	6.1	
2926			22.7	20	6.0	6.3	
2928			22.4	23	5.9	6.2	
2930	22.2	35	22.5	24	5.9	5.9	D
2932	26.0	22	22.4	24	5.8	5.8	F
2934	24.8	12	22.5	22	5.9	5.9	D
2936	23.2	2	22.7	21	6.1	6.2	D
2938			22.5	21	6.2	6.4	
2940			22.5	20	6.2	6.4	
2942			22.3	20	6.0	6.3	
2944			22.3	21	5.9	6.2	
2946			22.5	20	5.9	6.2	
2948			22.6	18	5.9	6.2	
2950	7.4	203	22.4	19	6.1	6.3	C
2952	6.8	176	22.4	19	6.2	6.3	A
2954	6.2	217	22.2	21	6.2	6.2	A
2956	6.2	25	21.9	25	6.3	6.2	C
2958	6.1	188	22.1	24	6.3	6.2	A
2960	4.9	209	22.1	24	6.2	6.2	A
2962	12.9	174	22.0	22	6.4	6.3	C

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
2964			22.1	21	6.6	6.3	
2966			21.9	23	6.6	6.3	
2968			21.7	24	6.5	6.3	
2970	14.5	207	21.7	22	6.4	6.3	C
2972	13.8	187	21.9	20	6.5	6.2	A
2974	10.3	188	22.0	21	6.5	6.2	A
2976	9.1	198	21.8	21	6.5	6.3	A
2978	6.6	202	21.9	22	6.4	6.3	A
2980	5.4	197	21.9	23	6.3	6.3	A
2982	7.8	207	21.6	23	6.2	6.3	C
2984	11.1	195	21.7	22	6.2	6.3	A
2986	10.5	197	21.7	24	6.3	6.3	A
2988			21.7	25	6.3	6.2	
2990			21.7	24	6.2	6.3	
2992			21.5	22	6.2	6.3	
2994			21.5	21	6.2	6.3	
2996			21.6	22	6.2	6.4	
2998			21.5	23	6.2	6.5	
3000			21.5	24	6.2	6.5	
3002			21.6	24	6.2	6.5	
3004			21.5	25	6.2	6.5	
3006			21.4	24	6.2	6.5	
3008	5.7	242	21.6	24	6.2	6.5	D
3010	9.9	203	21.5	24	6.2	6.5	D
3012			21.3	24	6.2	6.5	
3014	11.2	213	21.2	24	6.2	6.5	D
3016	12.8	208	21.2	24	6.2	6.4	D
3018	8.2	178	21.3	23	6.3	6.3	B
3020	9.1	196	21.3	22	6.5	6.4	B
3022	13.0	162	21.0	22	6.4	6.4	D
3024	12.6	180	20.9	22	6.1	6.3	B
3026	12.1	183	21.1	22	6.1	6.3	D
3028			21.1	21	6.2	6.4	
3030			21.1	20	6.0	6.3	
3032			21.1	21	5.9	6.4	
3034	16.1	108	21.1	23	5.9	6.4	D
3036	18.6	103	21.0	23	5.9	6.3	B
3038	18.9	92	21.0	22	6.0	6.2	D
3040			21.0	21	6.1	6.3	
3042			21.0	23	6.2	6.3	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
3044			21.2	21	6.2	6.2	
3046			21.1	18	6.2	6.2	
3048			21.0	18	6.2	6.1	
3050			21.1	17	6.1	6.1	
3052			21.0	15	6.2	6.1	
3054			21.1	14	6.2	6.2	
3056			21.3	14	6.1	6.3	
3058			21.3	12	6.0	6.2	
3060			21.1	13	6.0	6.2	
3062			21.1	15	5.9	6.2	
3064			21.2	18	5.9	6.3	
3066	11.3	121	21.3	21	6.1	6.2	D
3068			21.3	23	6.2	6.3	
3070	75.2	162	21.3	23	6.1	6.3	F
3072			21.3	22	5.9	6.3	
3074	16.5	216	21.3	22	6.0	6.2	D
3076	18.5	212	21.2	23	6.2	6.3	D
3078			21.1	24	6.3	6.3	
3080			21.1	24	6.3	6.2	
3082			21.0	24	6.3	6.3	
3084	14.0	202	20.9	24	6.3	6.3	B
3086	16.2	217	20.9	24	6.2	6.4	B
3088	18.3	221	21.0	24	6.2	6.4	B
3090	22.1	224	21.0	24	6.2	6.4	B
3092	20.7	221	21.0	24	6.2	6.5	B
3094	20.5	222	20.9	25	6.2	6.5	B
3096			20.9	21	6.2	6.5	
3098			20.7	20	6.1	6.4	
3100			20.8	21	6.1	6.4	
3102	24.3	208	20.7	23	6.1	6.4	D
3104			20.7	24	6.2	6.4	
3106			20.6	24	6.2	6.4	
3108			20.5	24	6.3	6.4	
3110			20.6	23	6.3	6.3	
3112			20.6	22	6.2	6.3	
3114			20.4	22	6.2	6.3	
3116			20.3	22	6.2	6.3	
3118			20.5	21	6.1	6.2	
3120			20.7	21	6.1	6.2	
3122			20.6	21	6.2	6.2	

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
3124	5.2	70	20.6	20	6.2	6.2	D
3126	4.1	15	20.6	20	6.2	6.3	B
3128			20.6	21	6.2	6.3	
3130			20.5	20	6.2	6.3	
3132			20.7	20	6.2	6.3	
3134	12.6	130	20.9	19	6.2	6.3	D
3136	6.1	132	20.4	20	6.0	6.0	D
3138	7.9	108	20.2	21	5.9	6.0	D
3140	9.3	125	20.3	20	6.0	6.1	B
3142	7.3	135	20.3	20	6.0	6.1	B
3144	1.1	212	20.3	20	6.0	5.9	B
3146			20.2	22	5.9	5.9	
3148			20.2	23	5.9	6.1	
3150	11.5	160	20.3	23	5.9	6.1	B
3152	11.7	167	20.2	23	5.9	6.0	D
3154	21.7	177	20.0	21	5.8	6.0	D
3156	10.1	140	20.1	21	5.8	6.0	D
3158	6.1	171	19.9	21	5.8	6.0	B
3160	5.5	171	20.0	20	5.9	6.1	B
3162	4.3	172	20.1	19	5.9	6.1	D
3164	4.3	118	20.0	20	5.8	6.1	D
3166	5.2	179	20.0	22	5.8	6.1	D
3168	11.5	194	19.9	22	5.8	6.1	C
3170	5.4	196	19.9	22	5.8	6.1	C
3172	4.5	217	19.9	20	5.8	6.2	A
3174	8.4	196	20.0	17	5.9	6.1	A
3176	7.3	198	20.0	17	5.9	6.1	A
3178	5.7	208	19.9	18	5.8	6.1	A
3180	8.2	150	20.1	20	5.9	6.1	A
3182	4.6	156	20.1	21	6.0	6.1	A
3184	6.0	197	20.0	21	6.0	6.2	C
3186	6.7	181	20.0	22	6.1	6.2	C
3188	7.5	184	20.0	22	6.1	6.2	A
3190	7.6	196	20.2	20	6.1	6.3	A
3192	13.7	189	20.1	19	6.2	6.4	A
3194	10.4	172	20.0	18	6.2	6.5	C
3196	9.9	124	20.1	20	6.2	6.5	E
3198	8.6	182	19.9	22	6.2	6.5	A
3200	11.1	199	19.7	21	6.1	6.4	A
3202	11.0	200	19.9	22	6.1	6.4	A

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DEPTH	FORMATION DIP	FORMATION DIP AZI.	BOREHOLE DEV.	BOREHOLE DEV. AZI.	BOREHOLE DIAM 1-3	BOREHOLE DIAM 2-4	QUAL. INDEX BEST =A
3204	10.3	200	19.9	23	6.1	6.4	A
3206	6.4	180	19.9	23	6.1	6.5	A
3208			20.0	23	6.1	6.5	
3210			19.8	23	6.1	6.5	
3212	9.3	170	19.7	23	6.2	6.4	B
3214			19.8	23	6.1	6.4	
3216	5.7	143	19.9	24	6.2	6.4	B
3218	5.3	189	19.8	24	6.2	6.4	B
3220	5.9	215	19.6	23	5.9	6.3	B
3222	10.6	215	19.6	22	5.8	6.2	B
3224	15.5	214	19.5	19	5.9	6.2	B
3226	12.2	202	19.6	20	5.8	6.2	B
3228	15.5	213	19.7	22	5.8	6.3	A
3230	16.0	202	19.5	21	5.8	6.4	A
3232	15.5	204	19.5	21	5.9	6.4	A
3234			19.7	23	5.9	6.5	
3236	5.9	137	19.8	21	5.9	6.4	A
3238	9.0	202	19.6	20	6.0	6.4	A
3240	10.3	206	19.4	22	6.1	6.4	A
3242	8.5	204	19.6	20	6.1	6.4	A
3244	9.0	224	19.7	19	6.1	6.4	A
3246	14.8	235	19.4	22	6.0	6.3	A

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AMERICAN QUASAR LONGVIEW 25-32 RD#1 SUMMARY

	DEPTH	DIP	DIP AZM	DEV	DEV AZM	DIAM 1-3	DIAM 2-4	QUAL
KICK-OFF	TOP							
	534.0	4.3	172.	2.9	352.	6.6	6.3	A
	BOTTOM							
T.D.	3246.0	8.1	233.	19.9	25.	5.9	6.2	A
	TOP							
RERUN	2804.0	13.2	96.	23.1	24.	6.1	6.8	*
	BOTTOM							
	3246.0	14.8	235.	19.4	22.	6.0	6.3	A

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