

UPP STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL VEL	JUNC LOSS	TURN LOSS	CURVE LOSS	STR GRADE	INL CAP	DR AREA	P1	Q	T2	PIPE CAP	REMARKS	
CIS83	CIS82	34	15	504.00	503.66	1.00	508.06	3.83	504.23	503.84	.00010	0.00	0.43	0.00	0.00	0.00	2%	1.93	0.20	2.64	0.53	0.53	6.46	1	
CIS82	MHS81	72	12	503.46	502.74	1.00	508.06	4.23	503.84	502.88	.00090	0.06	1.35	0.03	0.04	0.00	2%	1.93	0.20	2.64	0.53	1.06	3.56	2	
MHS81	AIS80	128	12	502.54	500.62	1.50	510.40	7.52	502.88	500.88	.00090	0.11	1.35	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.06	4.36	3	
AIS80	MHS79	201	12	500.42	498.81	1.80	505.60	4.73	500.88	497.15	.00330	0.67	2.62	0.11	0.13	0.02	0.00	3S	8.25	0.38	2.64	1.00	2.06	4.77	4
MHS79	FES78	67	12	496.61	495.94	1.00	501.40	4.25	497.15	496.14	.00330	0.22	2.62	0.11	0.00	0.04	0.00	0.00	0.00	0.00	0.00	2.06	3.56	5	FFV=1.43FPS
CIS74	EXC115	151	15	488.71	487.20	1.00	493.24	4.15	489.09	488.45	.00040	0.07	1.10	0.02	0.03	0.00	2.02%	1.93	0.51	2.64	1.35	1.35	6.46	6	
CIS73	EPS72	132	12	476.08	471.50	3.47	480.75	2.82	477.93	476.84	.00620	0.82	3.57	0.20	0.23	0.00	LOW	4.00	1.06	2.64	2.80	2.80	6.64	7	FFV=1.62FPS
CIS71	CIS70	34	15	482.30	481.96	1.00	487.36	4.83	482.53	482.14	.00010	0.00	0.39	0.00	0.00	0.00	1.81%	2.00	0.18	2.64	0.48	0.48	6.46	8	
CIS70	CIS66	57	12	481.76	481.19	1.00	487.36	5.22	482.14	481.58	.00090	0.05	1.35	0.03	0.04	0.00	1.81%	2.00	0.22	2.64	0.58	1.06	3.56	9	
AIS69	AIS68	168	12	485.69	484.01	1.00	490.10	4.15	485.95	484.25	.00800	1.35	4.06	0.26	0.35	0.00	4S	11.00	1.21	2.64	3.19	3.19	3.56	10	
AIS68	AIS67	159	15	483.81	482.22	1.00	489.00	4.75	484.25	483.04	.00610	0.98	4.12	0.26	0.13	0.10	3S	8.25	0.71	2.64	1.87	5.06	6.46	11	
AIS67	CIS66	83	18	482.02	481.19	1.00	487.70	5.62	482.08	481.58	.00400	0.33	3.75	0.22	0.03	0.15	3S	8.25	0.59	2.64	1.56	6.62	10.50	12	
CIS66	CIS65	34	18	480.99	478.90	6.15	466.08	4.51	481.58	480.13	.00660	0.23	4.84	0.36	0.25	0.14	LOW	4.00	0.33	2.64	0.87	6.55	26.04	13	
CIS65	AIS64	118	18	478.70	475.99	2.30	496.08	5.95	480.13	479.03	.00800	0.95	5.33	0.44	0.15	0.60	LOW	4.00	0.33	2.64	0.87	9.42	15.92	14	
CIS64	CIS63	34	15	487.35	487.01	1.00	490.87	3.19	487.68	487.06	.00020	0.01	0.81	0.01	0.01	0.00	LOW	4.00	0.38	2.64	1.00	1.00	6.46	15	
CIS63	MHS62	43	12	486.81	486.38	1.00	499.87	3.82	487.06	486.74	.00370	0.16	2.75	0.12	0.15	0.01	LOW	4.00	0.44	2.64	1.15	2.16	3.56	16	
MHS62	AIS61	99	12	486.18	485.19	1.00	491.20	4.47	486.74	485.59	.00370	0.36	2.75	0.12	0.00	0.08	0.00	0.00	0.00	0.00	0.00	2.16	3.56	17	
AIS61	AIS60	221	15	484.99	482.78	1.00	490.50	4.91	485.59	484.04	.00550	1.22	3.91	0.24	0.25	0.08	4S	11.00	1.00	2.64	2.64	4.60	6.46	18	
AIS60	AIS59	147	18	482.58	481.11	1.00	489.50	5.46	484.04	483.29	.00440	0.65	3.96	0.24	0.10	0.00	3S	8.25	0.83	2.64	2.19	6.99	10.50	19	
AIS59	MHS58	63	18	480.91	480.08	1.00	487.00	3.71	483.29	482.47	.00600	0.50	4.60	0.33	0.16	0.16	3S	8.25	0.43	2.64	1.14	8.13	10.50	20	
MHS58	CIS57	82	18	479.88	479.06	1.00	486.80	4.33	482.47	481.76	.00600	0.49	4.60	0.33	0.00	0.22	0.00	0.00	0.00	0.00	0.00	8.13	10.50	21	
CIS57	CIS56	34	18	478.86	478.52	1.00	487.58	5.82	481.76	481.23	.00700	0.24	4.97	0.38	0.10	0.19	2%	1.93	0.25	2.64	0.66	6.79	10.50	22	
CIS56	MHS55	31	18	478.32	478.01	1.00	487.58	6.35	481.23	480.69	.00790	0.24	5.27	0.43	0.10	0.20	2%	1.93	0.20	2.64	0.53	9.32	10.50	23	
MHS55	AIS54	182	18	477.81	475.99	1.00	488.50	7.81	480.69	479.03	.00790	1.43	5.27	0.43	0.00	0.23	0.00	0.00	0.00	0.00	0.00	9.32	10.50	24	
AIS54	MHS53	132	27	475.79	474.47	1.00	482.00	2.97	479.03	477.86	.00490	0.65	5.46	0.46	0.11	0.41	4S	11.00	1.12	2.64	2.96	21.70	39.97	25	
MHS53	EPS50A	161	27	474.27	471.50	1.72	482.60	4.74	477.86	476.84	.00490	0.79	5.46	0.46	0.00	0.23	0.00	0.00	0.00	0.00	0.00	21.70	40.62	26	FFV=2.84FPS
CIS21	AIS4	105	12	477.00	475.95	1.00	482.25	4.81	477.44	477.06	.00260	0.27	2.32	0.08	0.11	0.00	LOW	4.00	0.69	2.64	1.82	1.82	3.56	27	
CIS25	CIS24	34	15	484.00	483.66	1.00	489.74	5.44	484.30	483.90	.00010	0.01	0.64	0.01	0.01	0.00	2%	1.93	0.30	2.64	0.79	0.79	6.46	28	
CIS24	CIS23	116	12	483.46	481.96	1.29	489.74	5.84	483.90	482.34	.00200	0.23	2.01	0.06	0.07	0.00	2%	1.93	0.30	2.64	0.79	1.58	4.05	29	
CIS23	AIS22	167	12	481.76	480.09	1.00	486.69	4.35	482.34	480.73	.00410	0.69	2.92	0.13	0.12	0.04	1.72%	2.03	0.27	2.64	0.71	2.29	3.56	30	
AIS22	AIS5	195	12	479.89	475.01	2.50	485.90	5.17	480.73	477.82	.01230	2.40	5.03	0.39	0.42	0.09	3S	8.25	0.63	2.64	1.66	3.95	5.63	31	
EXA129	EXC123	37	12	488.47	487.73	2.00	491.00	2.25	488.75	488.01	.00060	0.02	1.15	0.02	0.03	0.00	4S	11.00	0.34	2.64	0.90	0.90	5.04	32	
CIS29	CIS28	34	15	498.00	497.66	1.00	503.10	5.07	498.03	498.01	.00030	0.01	0.86	0.01	0.01	0.00	2.31%	1.82	0.40	2.64	1.06	1.06	6.46	33	
CIS28	AIS27	105	12	497.46	496.41	1.00	503.10	5.62	497.49	496.84	.00450	0.47	3.03	0.14	0.18	0.00	2.31%	1.82	0.50	2.64	1.32	2.38	3.56	34	
AIS27	AIS26	322	12	496.21	488.96	2.25	501.10	4.27	496.84	489.51	.01160	3.72	4.88	0.37	0.38	0.10	3S	8.25	0.55	2.64	1.45	3.83	5.35	35	
AIS26	EXC123	154	18	488.76	485.98	1.81	494.90	5.29	489.51	487.52	.00440	0.68	3.94	0.24	0.05	0.20	3S	8.25	1.19	2.64	3.14	6.97	14.11	36	
EXC123	EXC125A	44	18	485.78	485.34	1.00	490.96	3.44	487.52	486.87	.00630	0.28	4.73	0.35	0.20	0.17	1%	2.29	0.18	2.64	0.48	8.35	10.50	37	
EXC125A	EXC125	231	18	485.14	481.42	1.61	490.96	4.09	486.87	484.86	.00720	1.67	5.05	0.40	0.10	0.24	1%	2.29	0.22	2.64	0.58	8.93	13.33	38	
CIS39	CIS38	93	12	492.03	485.78	6.72	495.15	2.90	492.25	486.07	.00080	0.07	1.27	0.03	0.04	0.00	2.31%	1.82	0.38	2.64	1.00	1.00	9.24	39	
CIS38	CIS30	59	15	485.58	483.47	3.64	490.66	4.59	486.07	486.03	.00040	0.02	1.08	0.02	0.00	0.02	2.74%	1.66	0.12	2.64	0.32	1.32	12.32	40	
AIS37	AIS36	210	12	493.93	490.14	1.80	499.00	4.70	494.31	491.30	.00170	0.35	1.85	0.05	0.07	0.00	3S	8.25	0.55	2.64	1.45	1.45	4.79	41	
AIS36	AIS35	103	12	489.94	487.88	2.00	494.86	3.50	491.30	489.60	.01170	1.20	4.90	0.37	0.47	0.03	3S	8.25	0.91	2.64	2.40	3.85	5.04	42	
AIS35	MHS34	112	15	487.68	486.56	1.00	492.80	3.20	489.60	488.60	.00710	0.80	4.45	0.31	0.07	0.13	4S	11.00	0.61	2.64	1.61	5.46	6.46	43	

