

Speer Mining Resource
DRMS Permit No. M-1983-176
Monitoring Well Groundwater Elevations

Speer Monitoring Wells - Groundwater Elevation Readings											
MW3-AS		DTW in Field (ft)	Stick-up (ft)	GW Depth (ft bgs)	GW Elevation (amsl)	MH-9		DTW in Field (ft)	Stick-up (ft)	GW Depth (ft bgs)	GW Elevation (amsl)
Surf. Elev. (amsl):	5027.0					Surf. Elev. (amsl):	5021.4				
Total Depth (ft bgs):	30.5					Total Depth (ft bgs):	17.5				
Date:	7/8/2016	14.40	2.70	11.70	5015.30	Date:	7/8/2016	11.30	2.60	8.70	5012.70
	9/29/2016	14.70	2.70	12.00	5015.00		9/29/2016	11.45	2.60	8.85	5012.55
	11/11/2016	14.80	2.70	12.10	5014.90		11/11/2016	11.30	2.60	8.70	5012.70
	12/30/2016	15.00	2.70	12.30	5014.70		12/30/2016	11.60	2.60	9.00	5012.40
	3/10/2017	15.20	2.70	12.50	5014.50		3/10/2017	11.60	2.60	9.00	5012.40
	5/26/2017	14.50	2.70	11.80	5015.20		5/26/2017	11.20	2.60	8.60	5012.80
	10/20/2017	14.70	2.70	12.00	5015.00		10/20/2017	11.40	2.60	8.80	5012.60
	1/5/2018	15.10	2.70	12.40	5014.60		1/5/2018	11.60	2.60	9.00	5012.40
	4/4/2018	14.64	2.70	11.94	5015.06		4/4/2018	10.95	2.60	8.35	5013.05
	8/23/2018	13.59	2.70	10.89	5016.11		8/23/2018	8.59	2.60	5.99	5015.41
	9/17/2018	13.93	2.70	11.23	5015.77		9/17/2018	8.95	2.60	6.35	5015.05
	10/17/2018	13.89	2.70	11.19	5015.81		10/17/2018	8.83	2.60	6.23	5015.17
	11/2/2018	14.04	2.70	11.34	5015.66		11/2/2018	9.03	2.60	6.43	5014.97
	12/21/2018	15.61	2.70	12.91	5014.09		12/21/2018	9.69	2.60	7.09	5014.31
	2/1/2019	14.75	2.70	12.05	5014.95		2/1/2019	9.82	2.60	7.22	5014.18
	3/1/2019	14.77	2.70	12.07	5014.93		3/1/2019	10.85	2.60	8.25	5013.15
	4/17/2019	14.70	2.70	12.00	5015.00		4/17/2019	9.71	2.60	7.11	5014.29
	6/3/2019	13.78	2.70	11.08	5015.92		6/3/2019	8.77	2.60	6.17	5015.23
	7/5/2019	12.96	2.70	10.26	5016.74		7/5/2019	7.85	2.60	5.25	5016.15
	8/1/2019	13.09	2.70	10.39	5016.61		8/1/2019	8.08	2.60	5.48	5015.92
	9/3/2019	13.20	2.70	10.50	5016.50		9/3/2019	8.03	2.60	5.43	5015.97
	10/16/2019	13.21	2.70	10.51	5016.49		10/16/2019	8.01	2.60	5.41	5015.99
	11/14/2019	13.66	2.70	10.96	5016.04		11/14/2019	8.55	2.60	5.95	5015.45

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MH-10		DTW in Field (ft)	Stick-up (ft)	GW Depth (ft bgs)	GW Elevation (amsl)	MH-12		DTW in Field (ft)	Stick-up (ft)	GW Depth (ft bgs)	GW Elevation (amsl)
Surf. Elev. (amsl): 5017.5						Surf. Elev. (amsl): 5016.0					
Total Depth (ft bgs): 32.5						Total Depth (ft bgs): 30.5					
Date:	7/8/2016	13.00	2.60	10.40	5007.10	Date:	7/8/2016	12.50	3.00	9.50	5006.50
	9/29/2016	14.45	2.60	11.85	5005.65		9/29/2016	13.70	3.00	10.70	5005.30
	11/11/2016	--	2.60	--	--		11/11/2016	--	3.00	--	--
	12/30/2016	14.05	2.60	11.45	5006.05		12/30/2016	13.10	3.00	10.10	5005.90
	3/10/2017	--	2.60	--	--		3/10/2017	--	3.00	--	--
	5/26/2017	--	2.60	--	--		5/26/2017	--	3.00	--	--
	10/20/2017	14.40	2.60	11.80	5005.70		10/20/2017	13.40	3.00	10.40	5005.60
	1/5/2018	14.20	2.60	11.60	5005.90		1/5/2018	13.50	3.00	10.50	5005.50
	4/4/2018	14.25	2.60	11.65	5005.85		4/4/2018	13.42	3.00	10.42	5005.58
	8/23/2018	14.18	2.60	11.58	5005.92		8/23/2018	13.33	3.00	10.33	5005.67
	9/17/2018	14.43	2.60	11.83	5005.67		9/17/2018	13.50	3.00	10.50	5005.50
	10/17/2018	14.34	2.60	11.74	5005.76		10/17/2018	13.44	3.00	10.44	5005.56
	11/2/2018	14.19	2.60	11.59	5005.91		11/2/2018	13.28	3.00	10.28	5005.72
	12/21/2018	14.17	2.60	11.57	5005.93		12/21/2018	13.31	3.00	10.31	5005.69
	2/1/2019	14.12	2.60	11.52	5005.98		2/1/2019	13.26	3.00	10.26	5005.74
	3/1/2019	14.12	2.60	11.52	5005.98		3/1/2019	13.28	3.00	10.28	5005.72
	4/17/2019	14.17	2.60	11.57	5005.93		4/17/2019	13.29	3.00	10.29	5005.71
	6/3/2019	14.08	2.60	11.48	5006.02		6/3/2019	13.24	3.00	10.24	5005.76
	7/5/2019	11.29	2.60	8.69	5008.81		7/5/2019	10.70	3.00	7.70	5008.30
	8/1/2019	13.19	2.60	10.59	5006.91		8/1/2019	12.40	3.00	9.40	5006.60
	9/3/2019	14.22	2.60	11.62	5005.88		9/3/2019	13.37	3.00	10.37	5005.63
	10/16/2019	14.49	2.60	11.89	5005.61		10/16/2019	13.63	3.00	10.63	5005.37
	11/14/2019	13.77	2.60	11.17	5006.33		11/14/2019	12.98	3.00	9.98	5006.02