Abe Construction Services, Inc. **GGL Daily Standard Reference Functionality Limit Log**

Standard Reference Serial No.	ACS-1	**Winch/Probe/Source Serial Nos.**	Probe 1	Probe 2	Source 1	Source 2	mR/hr	
Functionality Limit Determination Date:	1/21/2016		3694	2404	HEG137	CDC800	Read	
Project / Location	**Date**	**Operator**	**Standard Reference Functionality Readings**				@ 1 ft	
			N1	**N2**	**N3**	**N4**	**N mean**	
High Speed Rail - Fresno	1/22/2016	Q. Guglielmo	11026	10162	10427	9546	10290	0.7
High Speed Rail - Fresno	2/4/2016	Q. Guglielmo	9998	9427	10237	9761	9856	0.7
High Speed Rail - Fresno	3/7/2016	Q. Guglielmo	9764	10889	10280	10768	10425	0.5
High Speed Rail - Fresno	3/14/2016	Q. Guglielmo	10340	10474	9410	9900	10031	0.5
High Speed Rail - Fresno	3/22/2016	Q. Guglielmo	10506	10473	9679	10093	10188	0.6
High Speed Rail - Fresno	3/23/2016	Q. Guglielmo	9349	9981	9483	9745	9640	0.6
High Speed Rail - Fresno	4/7/2016	Q. Guglielmo	10685	10254	10101	10194	10309	0.6
I80 SPDR - El Sobrante	4/8/2016	K. Guglielmo					#DIV/0!	0.6
I80 SPDR - El Sobrante	4/22/2016	Q. Guglielmo	10112	10271	10534	10421	10335	0.8
High Speed Rail - Fresno	4/25/2016	Q. Guglielmo	10470	9742	9376	10402	9998	0.8
I80 SPDR - El Sobrante	5/1/2016	Q. Guglielmo	10985	10862	10923	10757	10882	0.7
Niles Blvd - Fremont	5/11/2016	Q. Guglielmo	9958	10129	9583	9761	9858	0.6
High Speed Rail - Fresno	5/19/2016	Q. Guglielmo	9401	9976	10851	10653	10220	0.6
I80 SPDR - El Sobrante	5/23/2016	Q. Guglielmo	9865	9536	9610	9918	9732	0.7
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Functionality Limits

Probe	**Source**	**Lower Limit (LFL)**	**Upper Limit (UFL)**
1	1	9345	11027
2	2	11328	13085

Probe	**Source**
1	1
1	1
1	1
1	1
1	1
1	1
1	1
2	2
1	1
1	1
1	1

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			N1	**N2**	**N3**	**N4**	**N mean**	
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Probe	**Source**		