

April 16, 2010

Ms. Tamara Gertsch,
National Project Manager
U.S. Department of Interior
Bureau of Land Management
Wyoming State Office
5353 Yellowstone Rd.
Cheyenne, WY 82003

RE: Revised SF-299 application to support geotechnical work for the Sigurd to Red Butte No. 2
345kV Transmission Project

Dear Ms. Gertsch:

This letter supersedes the geotechnical Standard Form (SF) 299 application amendment letter dated April 9, 2010. Rocky Mountain Power (RMP) is submitting this letter to the Bureau of Land Management (BLM) to include corrections and additions to the above referenced letter. The purpose of this letter, consistent with the referenced letter, is to amend the original SF 299 application submitted on September 22, 2009 to conduct geotechnical borings to support RMP's Sigurd to Red Butte No. 2 345kV Transmission Project. The BLM and RMP have determined that an amendment is appropriate due to new information available since submittal of the original application, outlined below.

During the post-scoping route refinement process, links 348, 390, and 395 were relocated to more closely parallel the existing Kern River Pipeline. Subsequent to the route refinement process and the submittal of the April 9, 2010 letter, Kern River Gas Transmission Company provided new information to RMP. Co-locating the transmission line in close proximity to the Kern River pipeline could cause corrosion to the pipeline which would require engineered preventative measures at an estimated cost of \$215,000 per mile. For this reason, RMP requests that the initial route alternative boreholes along links 348, 390, and 395 be reinstated for analysis in the Environmental Assessment as well as the new borehole locations identified as segments on the new alternative route links 450, 460, 470, 475, 480, and 490.

A revised version of Attachment C is included as part of this SF 299 amendment request. Also included in Attachment C are the borehole identification number, location, estimated access (disturbance and distance from established roads), type of rig, and type of drilling method anticipated for each borehole. Boreholes are separated into six categories:

- Unchanged Borings: Unchanged borings are those that have remained the same since the original SF 299 application.
- Deleted Borings: Deleted borings are those that have been removed from the SF 299 application for engineering purposes and/or for minimizing impacts to known sensitive cultural resources.
- ID Changed Borings: ID changed borings are those where the locations of the boreholes have remained the same, but the identification numbers have changed. These boreholes are indicated with an "i".


- Moved and Restationed Borings: Moved and restationed borings are those where the original location has changed substantially. These boreholes have new identification numbers and are indicated with an “m”.
- Moved (Not Restationed) Borings: Moved and not restationed borings are those where the borehole has been relocated slightly offset from its original location. These boreholes have the same identification numbers and are indicated by an “r”.
- New Borings: New borings have been identified as a result of information gathered during the BLM scoping meetings; RMP sponsored landowner meetings; and meetings with local governments, organizations, the Kern River Gas Transmission Company, and the BLM regarding route changes and new alternative routes. These new boreholes are indicated with an “n”.

The original SF 299 application identified 234 boreholes whereas the new total in the amended SF 299 application is 280.

A complete revised mapbook has been prepared which shows those boreholes retained from the original SF 299 application, those added due to recent route revisions, and access roads associated with the boreholes. Hard copies of this letter, Attachment C, and the revised mapbook and a CD containing an electronic copy of the mapbook will be sent in separate mailings.

It is RMP’s understanding that these changes will not result in any significant delays to the current Environmental Assessment schedule. If that is not the case, the Company would respectfully ask for the BLM’s assistance in identifying any measures that would help recover the schedule. If you have any questions or concerns, please contact me by telephone at (801) 220-4149 or email at Terry.Ray@PacifiCorp.com.

Sincerely,



Terry Ray
Project Manager

cc: Rob Wilson, BLM Cedar City Field Office
Cindy Smith, EPG
Michael Doyle, EPG
Joe Donaldson, EPG
Todd Jensen, Rocky Mountain Power
Tom Small, Pike Electric

**SIGURD TO RED BUTTE NO. 2
345kV TRANSMISSION LINE PROJECT**

Geotechnical Investigation Application Standard Form 299

Amended Attachment C

**Summary of Geographic and Access Data
for Soil Borings**

Amended Attachment C - Summary of Geographic and Access Data for Soil Borings

Unchanged Borings

Borehole ID#	Ownership	Township/Range/Section	Quad Name	Proposed X UTM,NAD83, 12N	Proposed Y UTM, NAD83, 12N	Staked X UTM,NAD83, 12N	Staked Y UTM, NAD83, 12N	Access Disturbance (Overland)	Short Term Disturbance (Quantities are approximate maximums in acres)	Long Term Disturbance (Quantities are approximate maximums in acres)	Rig Type (truck, ATV, Track, CPT, Platform*) *platform rigs will be transported to site using helicopter	Drilling Method
A-028-0.8	Private	T23S R2W 18	RICHFIELD	407465.23	4295282.07	407465.46	4295282.17	existing	0.00	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
A-028-1.7	SITLA	T23S R2W 7	RICHFIELD	408517.85	4296129.83	408518.49	4296129.74	existing	0.00	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
A-028-3.7	SITLA	T23S R2W 4	RICHFIELD	410617.34	4298587.28	410617.71	4298586.78	Crush short-term	0.11	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
D-028-5.2	Private	T22S R4W 34	RICHFIELD	412432.19	4300178.83	412432.19	4300178.83	Crush short-term	0.02	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
A-030-8.4	Private	T24S R3W 29	ELSINORE	399393.33	4282621.76	0.00	0.00	existing	0.00	0.00	Track/ATV-Track Preferred	HSA/ODEX/Core/Sonic
A-030-15.4	Private	T23S R3W 26	RICHFIELD	404571.89	4292560.68	404569.00	4292558.34	Crush short-term	0.02	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-030-15.7	Private	T23S R3W 23	RICHFIELD	404731.52	4293055.47	404731.51	4293055.36	Crush short-term	0.01	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-030-0	USFS	T25S R4W 21	MARYSVALE CANYON	390975.14	4273610.87	390975.14	4273610.87	Crush short-term	0.53	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-030-0.4	USFS	T25S R4W 21	ANTELOPE RANGE	391317.37	4274143.63	391317.32	4274143.68	Crush short-term	0.07	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-030-2.6	USFS	T25S R4W 9	ELSINORE	392053.10	4277568.87	392053.20	4277569.10	Crush short-term	0.75	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-030-3.5	USFS	T25S R4W 10	ELSINORE	393570.33	4277683.64	393570.49	4277683.40	Crush short-term	0.06	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-030-4.6	Private	T25S R4W 2	ELSINORE	394472.56	4279101.72	394472.65	4279101.86	Crush short-term	0.07	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-045-0	USFS	T25S R4W 29	MARYSVALE CANYON	389390.04	4272743.31	389388.39	4272740.47	Crush short-term	0.77	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-064-1.9	USFS	T26S R4.5W 11	MARYSVALE CANYON	384720.90	4268962.25	384720.90	4268962.25	Clear long-term	0.00	0.16	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
A-064-2.7	USFS	T26S R4.5W 11	MARYSVALE CANYON	385966.53	4269169.86	385967.36	4269174.48	Clear long-term	0.00	0.15	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
A-064-3.2	USFS	T26S R4.5W 12	MARYSVALE CANYON	386775.77	4269373.58	386776.16	4269375.28	Clear long-term	0.00	0.13	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-064-4.5	USFS	T25S R4W 31	MARYSVALE CANYON	388505.48	4270383.30	388526.75	4270409.88	Clear long-term	0.00	0.15	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-064-5.5	USFS	T25S R4W 30	MARYSVALE CANYON	389082.29	4271958.95	389082.44	4271959.35	Crush short-term	0.04	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-066-3.9	USFS	T25S R5W 30	TRAIL MOUNTAIN	369361.58	4271889.33	369368.41	4271896.66	Crush short-term	0.01	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-066-6.8	USFS	T26S R5W 10	TRAIL MOUNTAIN	373498.06	4269799.01	373501.77	4269801.64	Crush short-term	0.06	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-068-0	BLM	T26S R7W 12	COVE FORT	361671.08	4269567.93	361670.81	4269567.71	Crush short-term	0.06	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-075-2.1	BLM	T27S R9W 3	BEARSKIN MOUNTAIN	339062.11	4261467.24	339067.78	4261465.03	Crush short-term	0.10	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-075-3.3	BLM	T27S R9W 1	BEARSKIN MOUNTAIN	340884.31	4262254.67	340884.29	4262255.02	Crush short-term	0.16	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-075-5.7	Private	T27S R8W 5	BEARSKIN MOUNTAIN	344706.13	4262274.49	0.00	0.00	Crush short-term	0.07	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-075-11.1	BLM	T26S R7W 19	CINDER CRATER	352589.86	4265913.24	352589.09	4265913.42	Crush short-term	0.06	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-075-14.4	BLM	T26S R7W 22	CINDER CRATER	357871.16	4266243.70	357890.15	4266219.50	Crush short-term/Clear long-term	0.21	0.05	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-080-0	Private	T28S R11W 13	MILFORD FLAT	322697.97	4248641.00	322707.39	4248634.90	existing	0.00	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-080-0.9	Private	T28S R10W 18	MILFORD	323683.26	4249740.57	323682.84	4249739.62	Crush short-term	0.27	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-080-3.5	BLM	T28S R10W 15	RANCH CANYON	327848.85	4249686.38	327849.25	4249685.91	Crush short-term	2.46	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-080-4.9	BLM	T28S R10W 3	RANCH CANYON	327848.85	4251895.24	327848.95	4251895.07	Crush short-term	0.06	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-080-7.2	Private	T27S R10W 35	RANCH CANYON	330799.94	4254210.14	0.00	0.00	Crush short-term	1.08	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-080-9.5	BLM	T27S R9W 19	RANCH CANYON	333690.35	4256477.44	333690.50	4256477.32	existing	0.00	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-240-1.1	BLM	T36S R15W 14	NEWCASTLE	278620.57	4171503.72	278620.54	4171503.84	Crush short-term	0.18	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-240-0	BLM	T36S R15W 26	NEWCASTLE	278767.09	4169688.94	278767.15	4169689.32	Crush short-term	0.10	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-245-0.2	BLM	T36S R15W 26	NEWCASTLE	278399.51	4168433.80	278399.89	4168433.04	Crush short-term	0.02	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-250-4.1	Private	T36S R15W 27	NEWCASTLE	278064.15	4168294.59	278064.53	4168294.21	Clear long-term	0.00	0.07	ATV / Truck/CPT ATV preferred	HSA/ODEX/Core/Sonic/CPT
A-260-23.2	BLM	T36S R15W 34	NEWCASTLE	277807.70	4167293.49	277807.91	4167293.68	Crush short-term	0.13	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-4.1	USFS	T39S R15W 18	CENTRAL EAST	271101.55	4142370.14	271101.82	4142370.17	Clear long-term	0.00	0.78	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-260-6.1	USFS	T39S R15W 5	CENTRAL EAST	273323.57	4144750.17	273323.47	4144750.05	Crush short-term	0.37	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-7.5	USFS	T39S R15W 4	CENTRAL EAST	275461.26	4145241.22	275464.09	4145239.09	Crush short-term/Clear long-term	0.27	7.80	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-8.4	USFS	T38S R15W 34	CENTRAL EAST	276653.48	4146261.82	276653.59	4146261.72	Crush short-term	0.81	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-13.1	USFS	T38S R15W 12	GRASS VALLEY	279574.17	4153191.89	279569.37	4153193.23	Clear long-term	0.00	0.19	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-260-14.8	USFS	T38S R15W 2	PINTO	278168.57	4155479.36	278168.50	4155479.14	Crush short-term	0.18	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-260-16.1	USFS	T37S R15W 35	PINTO	279041.94	4157315.07	279042.06	4157315.35	Crush short-term	0.03	0.00	ATV / Truck/CPT ATV preferred	HSA/ODEX/Core/Sonic/CPT
D-260-17.4	USFS	T37S R15W 27	PINTO	277259.38	4158590.00	277264.25	4158591.36	Crush short-term	0.08	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-19.1	USFS	T37S R15W 21	PINTO	276355.02	4161049.45	276359.00	4161056.88	Crush short-term	1.09	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-260-20.3	USFS	T37S R15W 16	PINTO	276596.82	4162948.43	276596.90	4162948.09	Crush short-term	0.08	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-22.4	USFS	T37S R15W 3	PINTO	277661.91	4165877.64	277661.80	4165877.11	Crush short-term	0.05	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-285-1.5	USFS	T39S R16W 7	CENTRAL WEST	261314.46	4143542.17	261314.29	4143542.15	helicopter	0.00	0.00	Platform	Sonic/Core
A-285-5.7	USFS	T38S R17W 23	CENTRAL WEST	259350.03	4149670.64	259350.19	4149670.29	Crush short-term	0.03	0.00	ATV/Track-ATV preferred	HSA/ODEX/Core/Sonic
D-285-0.5	USFS	T39S R16W 18	CENTRAL WEST	261384.17	4142008.25	261384.10	4142008.33	Crush short-term	0.05	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-285-2.9	USFS	T39S R17W 1	CENTRAL WEST	260778.81	4145749.98	260782.00	4145750.32	helicopter	0.00	0.00	Platform	Sonic/Core
D-285-3.7	USFS	T38S R17W 36	CENTRAL WEST	260981.12	4146956.66	260973.61	4146947.41	helicopter	0.00	0.00	Platform	Sonic/Core
D-285-4.1	USFS	T38S R17W 36	CENTRAL WEST	260854.92	4147629.12	260790.62	4147648.07	helicopter	0.00	0.00	Platform	Sonic/Core
A-300-0	BLM	T25S R7W 34	COVE FORT	358598.13	4273553.38	358598.13	4273553.38	Crush short-term	1.43	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic

Amended Attachment C - Summary of Geographic and Access Data for Soil Borings

Unchanged Borings

Borehole ID#	Ownership	Township/Range/Section	Quad Name	Proposed X UTM,NAD83, 12N	Proposed Y UTM, NAD83, 12N	Staked X UTM,NAD83, 12N	Staked Y UTM, NAD83, 12N	Access Disturbance (Overland)	Short Term Disturbance (Quantities are approximate maximums in acres)	Long Term Disturbance (Quantities are approximate maximums in acres)	Rig Type (truck, ATV, Track, CPT, Platform*) *platform rigs will be transported to site using helicopter	Drilling Method
D-300-0.8	BLM	T25S R7W 35	COVE FORT	359896.54	4273199.59	359896.54	4273199.59	Crush short-term	0.51	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-300-0.9	BLM	T25S R7W 35	COVE FORT	360021.50	4273221.96	360022.05	4273222.18	Crush short-term	0.30	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-300-2.6	SITLA	T25S R6W 31	COVE FORT	362674.68	4272648.04	362674.68	4272648.04	Crush short-term/Clear long-term	0.32	0.06	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-300-2.7	USFS	T25S R6W 31	COVE FORT	362754.21	4272529.95	362761.87	4272527.17	Crush short-term	0.91	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-320-5.4	BLM	T25S R8W 23	CINDER CRATER	350106.66	4275804.52	350106.56	4275803.65	Crush short-term	0.01	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-320-2.4	BLM	T25S R7W 29	CINDER CRATER	354791.14	4274562.64	354791.50	4274562.77	Crush short-term	0.48	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-345-3.8	BLM	T25S R9W 34	PINNACLE PASS	338820.00	4273780.00	338819.98	4273779.30	Crush short-term	0.10	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-345-5.8	BLM	T26S R9W 10	PINNACLE PASS	338360.00	4270680.00	338359.82	4270680.14	Crush short-term	0.11	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-345-1.2	BLM	T25S R9W 15	ANTELOPE SPRING	338831.84	4278037.31	338831.75	4278037.42	Crush short-term	0.11	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-345-7.8	BLM	T26S R9W 22	PINNACLE PASS	338390.80	4267481.70	338390.49	4267481.81	Crush short-term	0.34	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-348-3.4	BLM	T26S R9W 34	PINNACLE PASS	338422.53	4264151.81	338422.53	4264151.81	Crush short-term	0.10	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-350-4.1	SITLA	T25S R8W 16	ANTELOPE SPRING	346802.70	4277372.34	346802.49	4277372.67	Crush short-term	0.03	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
A-350-5.0	BLM	T25S R8W 22	CINDER CRATER	348073.11	4276584.69	348073.36	4276584.40	Crush short-term	0.06	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-350-1.8	Private	T25S R8W 18	ANTELOPE SPRING	343417.99	4278751.53	343417.99	4278751.53	Crush short-term	0.03	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-360-3	Private	T25S R10W 16	BLACK ROCK	327455.38	4278663.08	0.00	0.00	Crush short-term	2.69	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-360-5.9	Private	T25S R10W 13	BLACK ROCK	332280.13	4278663.08	0.00	0.00	Crush short-term	0.32	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-360-8.9	Private	T25S R9W 16	ANTELOPE SPRING	337042.40	4278663.07	337060.62	4278659.58	Crush short-term	0.69	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-390-15	BLM	T28S R10W 35	CAVE CANYON	329713.15	4244130.41	329713.04	4244130.55	Crush short-term	0.12	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-390-17.9	BLM	T28S R10W 24	CAVE CANYON	331706.41	4248113.16	331706.41	4248113.06	Crush short-term	0.07	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-390-18.7	BLM	T28S R10W 13	RANCH CANYON	332286.27	4249274.19	332286.31	4249274.38	Crush short-term	0.09	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-390-21.6	BLM	T28S R9W 5	RANCH CANYON	334878.78	4253034.82	334877.99	4253033.88	existing	0.00	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-390-23.4	BLM	T27S R9W 29	RANCH CANYON	335946.62	4255768.67	335946.58	4255768.77	Crush short-term	0.26	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-390-24.7	BLM	T27S R9W 21	BEARSKIN MOUNTAIN	336627.37	4257808.38	336627.16	4257808.25	Crush short-term	0.23	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-390-9.1	BLM	T29S R10W 35	MINERSVILLE	330192.37	4235147.79	330192.47	4235147.65	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-390-12.9	BLM	T29S R10W 10	CAVE CANYON	328200.00	4241060.00	328200.00	4241060.09	Crush short-term	0.68	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-390-15.9	BLM	T28S R10W 26	CAVE CANYON	329992.01	4245410.48	329992.16	4245410.54	Crush short-term	0.27	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-390-19.8	BLM	T28S R9W 7	RANCH CANYON	333351.35	4250748.09	333351.51	4250748.19	Crush short-term	0.20	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-390-20.2	BLM	T28S R9W 7	RANCH CANYON	333895.60	4250997.45	333895.60	4250997.45	Crush short-term	0.01	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-390-11	BLM	T29S R10W 23	CAVE CANYON	329180.04	4238151.83	329180.00	4238151.57	Crush short-term	0.43	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-420-7.8	BLM	T29S R7W 1	BLACK RIDGE	361277.99	4241678.23	361277.88	4241678.34	Crush short-term	0.10	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-420-18.9	BLM	T27S R7W 11	POLE MOUNTAIN	359810.09	4259592.94	359810.40	4259592.90	Crush short-term	0.15	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-420-4.1	BLM	T29S R6W 30	BLACK RIDGE	362440.08	4235926.50	362438.93	4235927.81	helicopter	0.00	0.00	Platform	Sonic/Core
D-420-6.3	BLM	T29S R6W 18	BLACK RIDGE	362270.40	4239430.22	362270.21	4239428.75	Clear long-term	0.00	0.09	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
T-420-13.6	BLM	T28S R7W 1	POLE MOUNTAIN	360514.54	4250995.58	360514.84	4250995.86	Crush short-term	0.05	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-420-16.2	BLM	T27S R7W 26	POLE MOUNTAIN	360170.15	4255198.71	360168.94	4255207.34	Clear long-term	0.00	0.04	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-420-21.4	Private	T26S R7W 36	COVE FORT	360551.59	4263567.38	360551.59	4263567.38	Clear long-term	0.00	0.05	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-420-24	BLM	T26S R7W 13	COVE FORT	361320.61	4267689.40	361316.30	4267672.43	Crush short-term	0.07	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-425-0	BLM	T30S R11W 35	NINEMILE KNOLL	320274.26	4225276.66	320274.33	4225276.63	Crush short-term	0.19	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-425-10.5	SITLA	T30S R9W 16	MINERSVILLE RESERVOIR	336067.86	4230194.14	336068.02	4230194.05	Crush short-term	1.08	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
T-425-13.5	BLM	T30S R9W 13	MINERSVILLE RESERVOIR	340903.60	4230188.90	340903.56	4230188.73	Crush short-term	0.17	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-425-16.6	BLM	T30S R8W 9	MINERSVILLE RESERVOIR	345881.03	4230184.08	345880.93	4230183.98	Crush short-term	0.37	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-425-19.6	BLM	T30S R8W 12	GREENVILLE BENCH	350722.51	4230179.12	350722.56	4230179.04	Crush short-term	0.04	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-425-22.6	BLM	T30S R7W 9	GREENVILLE BENCH	355566.53	4230174.15	355566.70	4230173.97	Crush short-term	0.04	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-430-9.4	Private	T33S R13W 13	AVON	301903.24	4200431.55	301903.29	4200431.35	Crush short-term	1.25	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-430-1.4	BLM	T34S R12W 30	AVON SE	301580.66	4187462.30	301576.98	4187463.88	Crush short-term	1.06	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-430-4.0	BLM	T34S R12W 18	AVON SE	301684.74	4191646.73	301684.92	4191646.86	Crush short-term	1.84	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-430-6.7	Private	T33S R13W 36	AVON	301792.46	4195977.66	0.00	0.00	Crush short-term	0.47	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-435-2.6	Private	T35S R12W 7	AVON SE	301477.29	4183306.19	301477.70	4183305.95	Crush short-term	0.02	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-438-1.2	BLM	T36S R15W 24	SILVER PEAK	280613.92	4169825.06	280614.04	4169825.17	existing	0.00	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic
D-438-3.6	BLM	T36S R14W 20	SILVER PEAK	284319.62	4171010.10	284319.44	4171009.96	Crush short-term	0.43	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-438-6.4	BLM	T36S R14W 99	SILVER PEAK	288120.01	4173100.89	288119.91	4173100.93	Clear long-term	0.00	0.20	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-438-7.5	BLM	T36S R14W 99	SILVER PEAK	289840.14	4172532.38	289839.60	4172532.34	Clear long-term	0.00	0.10	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic

6.93 Total Acres 0.31 Total Acres

Borehole ID#	Old Borehole ID# (if changed)	Ownership	Township/Range/Section	Quad Name	Proposed X UTM,NAD83	Proposed Y UTM, NAD83, 12N	Staked X UTM,NAD83	Staked Y UTM, NAD83, 12N	Access Disturbance (Overland)	Short Term Disturbance (Quantities are approximate maximums in acres)	Long Term Disturbance (Quantities are approximate maximums in acres)	Rig Type (truck, ATV, Track, CPT, Platform*) *platform rigs will be transported to site using helicopter	Drilling Method
A-028-0.4*		Private	T23S R2W 18	RICHFIELD	406970.88	4294788.81	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-028-1.3*		Private	T23S R2W 18	RICHFIELD	407996.11	4295718.06	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-028-4.4*		Private	T22S R2W 34	RICHFIELD	411465.31	4299453.78	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-028-4.6*		Private	T22S R2W 34	RICHFIELD	411657.76	4299608.57	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-028-4.7*		Private	T22S R2W 34	RICHFIELD	411856.97	4299680.27	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-030-7.1-d	A-030-7.1	USFS	T24S R3W 31	ELSINORE	397995.44	4281022.88	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-030-13.9-d	A-030-13.9	USFS	T23S R3W 34	RICHFIELD	403533.27	4290324.54	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-030-14.5-d	A-030-14.5	Private	T23S R3W 26	RICHFIELD	403778.79	4291333.57	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-033-1.5-d	D-033-1.5	BLM	T23S R3W 13	RICHFIELD	406424.98	4294730.01	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-060-2.2-d	A-060-2.2	USP	T25S R4.5W 35	MARYSVALE CANYON	384757.03	4270662.10	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-060-3.8-d	D-060-3.8	USP	T25S R4.5W 36	MARYSVALE CANYON	387213.44	4271221.16	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-060-4.3-d	A-060-4.3	USFS	T25S R4W 31	MARYSVALE CANYON	387846.47	4271783.94	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-062-0-d**		USFS	T26S R4.5W 10	MARYSVALE CANYON	382942.01	4268872.18	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-062-1.5-d**		USFS	T25S R4.5W 35	MARYSVALE CANYON	384927.37	4270225.71	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-062-3.0-d**		USP	T25S R4.5W 36	MARYSVALE CANYON	387303.47	4270673.40	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-062-4.2-d**		USFS	T25S R4W 30	MARYSVALE CANYON	388447.29	4272157.36	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-080-0.3*		Private	T28S R10W 18	MILFORD FLAT	323121.15	4248931.78	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-160-1-d	D-160-1	Private	T33S R12W 6	ENOCH NW	302906.37	4204259.59	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-160-1.8-d	D-160-1.8	SITLA	T32S R12W 32	ENOCH NW	303865.46	4205088.10	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-165-0-d	A-165-0	Private	T34S R14W 33	ANTELOPE PEAK	286574.50	4186257.81	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-250-0*		USFS	T36S R15W 31	PINTO	272309.44	4166656.22	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-250-1.2-d	D-250-1.2	BLM	T36S R15W 30	NEWCASTLE	273399.00	4168251.88	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-260-2.8-d	A-260-2.8	USFS	T39S R16W 14	CENTRAL EAST	269185.67	4141698.59	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-260-14.4*		Private	T38S R15W 2	PINTO	278331.83	4154822.38	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-260-14.9-d	D-260-14.9	USFS	T38S R15W 2	PINTO	278218.60	4155723.93	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-260-18.5-d	A-260-18.5	USFS	T37S R15W 22	PINTO	276790.74	4160260.10	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-270-0.8-d	D-270-0.8	Private	T39S R16W 3	CENTRAL WEST	266331.59	4145099.62	266332.74	4145099.30	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-270-2.9-d		USFS	T38S R16W 27	CENTRAL WEST	267269.20	4148043.78	267269.18	4148044.60	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-270-12.3*		USFS	T37S R16W 12	PINTO	270396.86	4162317.40	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
A-280-0-d		Private	T36S R16W 36	PINTO	271444.63	4166072.84	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
T-280-1.3-d	T-280-4.9	USFS	T37S R16W 2	PINTO	269647.17	4164945.63	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
T-395-15.7-d	T-395-15.7	Private	T32S R12W 33	ENOCH NW	306141.71	4205690.14	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-395-18.5-d	D-395-18.5	Private	T33S R12W 7	ENOCH NW	302852.79	4202558.45	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable
D-438-16.1-d	D-438-16.1	BLM	T35S R13W 24	DESERT MOUND	301373.24	4179123.15	0.00	0.00	deleted	0.00	0.00	Boring Deleted	Not Applicable

* These borings were eliminated on 2/24/2010 prior to proposed route adjustments and therefore are not shown with x's on the revised maps.

** These borings were not included in the original SF-299 application, were added later as a part of route considered but then eliminated from further consideration

Borehole ID#	Old Borehole ID# (if changed)	Ownership	Township/Range/Section	Quad Name	Proposed X UTM,NAD83, 12N	Proposed Y UTM, NAD83, 12N	Staked X UTM,NAD83, 12N	Staked Y UTM, NAD83, 12N	Access Disturbance (Overland)	Short Term Disturbance (Quantities are approximate maximums in acres)	Long Term Disturbance (Quantities are approximate maximums in acres)	Rig Type (truck, ATV, Track, CPT, Platform*) *platform rigs will be transported to site using helicopter	Drilling Method
A-063-0.5-i	A-064-0.5	USFS	T26S R4.5W 9	MARYSVALE CANYON	382484.41	4268849.01	382484.41	4268849.01	Crush short-term	0.03	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-275-0.3-i	D-270-0.3	USFS	T39S R16W 9	CENTRAL WEST	265920.73	4144393.31	265920.37	4144393.31	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-275-1.1-i	D-270-1.1	USFS	T39S R16W 3	CENTRAL WEST	266440.12	4145612.76	266439.95	4145612.85	Crush short-term/Clear long-term	0.05	0.03	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-290-0.8-i	A-290-2.0	USFS	T39S R16W 9	CENTRAL WEST	265170.00	4143460.00	265169.66	4143459.93	Clear long-term	0.00	0.30	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-290-2.0-i	D-290-0	USFS	T39S R16W 18	CENTRAL WEST	262302.17	4141883.42	262298.23	4141883.02	Clear long-term	0.00	0.27	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
A-349-1.1-i	A-348-1.1	BLM	T27S R9W 9	BEARSKIN MOUNTAIN	337121.85	4260727.81	337121.93	4260727.52	Crush short-term	0.12	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
C-395-1.8-i	C-390-1.8	BLM	T30S R10W 19	NINEMILE KNOLL	322339.77	4227521.34	322372.79	4227519.19	Crush short-term	0.01	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-395-3.9-i	D-390-3.9	Private	T30S R10W 7	NINEMILE KNOLL	323046.37	4230914.30	0.00	0.00	Crush short-term	0.43	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-396-4.5-i	D-395-4.5	Private	T31S R11W 23	BABOON PEAK	319219.32	4218142.51	0.00	0.00	Crush short-term	0.67	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-396-2.2-i	T-395-2.2	BLM	T31S R11W 11	NINEMILE KNOLL	319747.86	4221766.47	319747.86	4221766.47	Crush short-term	0.11	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-396-7-i	T-395-7	BLM	T31S R11W 33	BABOON PEAK	316193.11	4215260.98	316193.12	4215261.06	existing	0.00	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-396-10.2-i	T-395-10.2	BLM	T32S R11W 7	BADGER PEAK	312593.45	4211833.42	312592.44	4211831.49	existing	0.00	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-396-12.9-i	T-395-12.9	BLM	T32S R12W 23	BADGER PEAK	309463.47	4208853.09	309463.42	4208853.83	Crush short-term	0.36	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-465-0-i	D-075-0	SITLA	T27S R9W 16	BEARSKIN MOUNTAIN	336820.50	4258932.37	336820.57	4258932.36	Crush short-term	0.55	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-475-6.5-i	T-390-6.5	BLM	T30S R10W 4	MINERSVILLE	326688.11	4233071.77	326688.17	4233071.75	Crush short-term	0.35	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
										2.69	0.60		
										Total Acres	Total Acres		

Amended Attachment C - Summary of Geographic and Access Data for Soil Borings

MOVED AND RESTATIONED BORINGS

Borehole ID#	Old Borehole ID# (if changed)	Ownership	Township/Range/Section	Quad Name	Proposed X UTM,NAD83, 12N	Proposed Y UTM, NAD83, 12N	Staked X UTM,NAD83, 12N	Staked Y UTM, NAD83, 12N	Access Disturbance (Overland)	Short Term Disturbance (Quantities are approximate maximums in acres)	Long Term Disturbance (Quantities are approximate maximums in acres)	Rig Type (truck, ATV, Track, CPT, Platform*) *platform rigs will be transported to site using helicopter	Drilling Method
T-025-0-m		private	T22S R2W 35	SIGURD	413908.77	4299883.51	413908.77	4299883.51	Crush short-term	0.09	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
A-026-0.9-m		Private	T22S R2W 34	SIGURD	413406.64	4300715.54	413406.64	4300715.54	Crush short-term	0.12	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
D-026-0.8-m	D-026-1.5	Private	T22S R2W 34	SIGURD	413236.30	4300924.45	413236.30	4300924.45	Crush short-term	0.36	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
A-030-6.9-m	A-030-6.6	USFS	T24S R3W 31	ELSINORE	397788.60	4280788.89	397788.49	4280788.95	Crush short-term	0.02	0.00	Track/ATV-Track Preferred	HSA/ODEX/Core/Sonic
A-030-7.9-m		USFS	T24S R3W 29	ELSINORE	398886.15	4281940.71	398886.25	4281940.50	Crush short-term	0.04	0.00	Track/ATV-Track Preferred	HSA/ODEX/Core/Sonic
A-030-10.8-m	T-030-10.3	Private	T24S R3W 16	ELSINORE	401318.49	4286052.16	0.00	0.00	Crush short-term	0.11	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
A-030-11.5-m	D-030-11.7	USFS	T24S R3W 9	ELSINORE	401740.53	4287193.60	401740.49	4287193.43	Crush short-term	0.33	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
A-033-0-m		BLM	T23S R3W 13	RICHFIELD	406412.86	4294522.16	406412.78	4294522.10	Crush short-term	0.04	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-033-6.4-m	D-033-6.1	Private	T22S R2W 34	RICHFIELD	412100.40	4300186.38	412100.40	4300186.41	Crush short-term	0.08	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-066-12-m	D-060-0	USFS	T26S R4.5W 9	MARYSVALE CANYON	381610.64	4269036.05	381610.64	4269036.05	Clear long-term	0.00	0.21	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
T-075-8.7-m	T-075-8.4	BLM	T26S R8W 27	CINDER CRATER	348971.73	4264243.28	348971.73	4264243.28	Crush short-term	0.69	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-160-5.6-m	T-160-4.8	Private	T32S R12W 18	BADGER PEAK	302635.58	4211425.22	302631.11	4211246.52	Crush short-term	0.06	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-160-8.1-m	T-160-7.3	Private	T31S R12W 31	BADGER PEAK	302739.60	4215390.28	0.00	0.00	Crush short-term	0.14	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-160-9.1-m	T-160-10	Private	T31S R12W 30	BADGER PEAK	303737.51	4216720.79	0.00	0.00	Crush short-term	0.43	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-160-12.1-m	T-160-12.9	Private	T31S R12W 6	THERMO	303917.06	4222919.75	303913.34	4222767.12	Crush short-term	0.47	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-165-2.5-m		Private	T34S R14W 27	ANTELOPE PEAK	288325.23	4188548.68	288325.24	4188548.68	Crush short-term	0.07	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-165-5.5-m	T-165-5.8	Private	T34S R14W 13	AVON SE	291879.11	4192053.20	291879.23	4192053.20	Crush short-term	0.45	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-165-8.5-m	T-165-8.6	Private	T33S R13W 33	AVON	295359.89	4195449.17	0.00	0.00	Crush short-term	0.45	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-220-0-m	D-220-1.4	BLM	T36S R15W 10	NEWCASTLE	277852.95	4173820.13	277840.83	4173837.88	Crush short-term	0.15	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-220-0.8-m		BLM	T36S R15W 3	NEWCASTLE	278246.17	4175023.76	278246.21	4175023.62	Crush short-term	0.06	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
T-250-2.7-m	A-250-2.3	BLM	T36S R15W 28	NEWCASTLE	275906.92	4168255.36	275906.71	4168255.30	Clear long-term	0.00	0.15	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-0.3-m		USFS	T39S R16W 9	CENTRAL WEST	266093.85	4144404.07	266093.85	4144404.07	Crush short-term	0.07	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-260-0.9-m		private	T39S R16W 10	CENTRAL WEST	266196.73	4143479.21	0.00	0.00	Crush short-term	0.04	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-260-2.2-m	D-260-1.6	BLM	T39S R16W 23	CENTRAL EAST	267822.81	4140998.09	267822.83	4140998.06	Clear long-term	0.00	0.02	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-260-11.7-m	T-260-10.7	USFS	T38S R15W 23	CENTRAL EAST	278360.52	4150300.49	0.00	0.00	Crush short-term	0.48	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
C-260-21.8-m	D-260-21.8	USFS	T37S R15W 3	PINTO	277946.17	4165051.73	277950.28	4165045.69	existing	0.00	0.00	ATV / Truck/CPT ATV preferred	HSA/ODEX/Core/Sonic/CPT
A-270-9.4-m	A-270-10.2	USFS	T37S R16W 25	PINTO	270625.01	4158327.83	270625.81	4158327.83	Crush short-term/Clear long-term	0.21	0.21	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
T-270-6.3-m	T-270-6.1	USFS	T38S R16W 11	CENTRAL EAST	269266.51	4153043.15	0.00	0.00	Crush short-term	0.51	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-275-1.5-m	D-270-1.5	USFS	T39S R16W 3	CENTRAL WEST	266920.16	4145941.15	266920.16	4145941.15	Clear long-term	0.00	0.09	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-280-4.0-m	D-285-12	private	T37S R16W 18	ENTERPRISE	262634.12	4160555.59	262634.12	4160555.59	Crush short-term	0.36	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
T-280-2.5-m		USFS	T37S R16W 17	ENTERPRISE	264948.34	4161169.38	264948.69	4161169.38	Crush short-term	0.64	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
A-285-10.8-m		USFS	T37S R17W 25	ENTERPRISE	260580.04	4157514.38	260580.04	4157514.38	Crush short-term	0.53	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
C-285-10-m	A-285-10	USFS	T37S R17W 36	ENTERPRISE	260038.94	4155804.97	260038.91	4155805.06	Crush short-term	0.15	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-285-7.5-m	D-285-7.5	USFS	T38S R17W 14	CENTRAL WEST	258792.87	4152459.81	0.00	0.00	Crush short-term	0.81	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
C-381-7.7-m	T-380-7.7	BLM	T27S R11W 12	MILFORD	321962.85	4260721.79	321963.03	4260721.87	Crush short-term	0.37	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-420-1.1-m	C-420-0.9	BLM	T30S R7W 11	KANE CANYON	358240.01	4230996.70	358239.84	4230996.62	Crush short-term	0.14	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-420-2.0-m	D-420-1.7	SITLA	T30S R7W 2	KANE CANYON	358277.98	4232434.71	358278.12	4232434.75	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-420-0.5-m	D-420-00	BLM	T30S R7W 10	KANE CANYON	357671.16	4230176.49	357670.93	4230176.31	Crush short-term/Clear long-term	0.20	0.10	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-420-3.5-m	D-420-3.1	BLM	T29S R7W 35	KANE CANYON	359218.57	4234725.06	359218.54	4234724.92	Crush short-term	0.05	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-420-10.8-m	T-420-10.8	Private	T28S R7W 24	BLACK RIDGE	360876.41	4246579.24	0.00	0.00	Crush short-term	0.04	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-438-16.5-m	A-438-14.1	BLM	T35S R13W 13	AVON SE	301436.19	4181073.46	301407.24	4181063.65	Crush short-term	0.15	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-438-10.5-m	T-438-9.1	BLM	T36S R13W 5	DESERT MOUND	293722.21	4175394.69	293722.40	4175394.47	Crush short-term	0.34	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-438-13.5-m	D-438-11.2	BLM	T35S R13W 27	DESERT MOUND	297712.86	4178354.92	297712.98	4178355.11	Crush short-term	0.60	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-480-3.4-m	D-390-3.9	BLM	T30S R10W 18	NINEMILE KNOLL	322459.86	4230566.84	322459.86	4230566.48	Crush short-term	0.05	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT

9.93 0.76
Total Acres Total Acres

Borehole ID#	Old Borehole ID# (if changed)	Ownership	Township/Range/Section	Quad Name	Proposed X UTM,NAD83, 12N	Proposed Y UTM, NAD83, 12N	Staked X UTM,NAD83, 12N	Staked Y UTM, NAD83, 12N	Access Disturbance (Overland)	Short Term Disturbance (Quantities are approximate maximums in acres)	Long Term Disturbance (Quantities are approximate maximums in acres)	Rig Type (truck, ATV, Track, CPT, Platform*) *platform rigs will be transported to site using helicopter	Drilling Method
A-028-0.2-r	A-028-0.2	BLM	T23S R3W 13	RICHFIELD	406666.00	4294469.13	406666.06	4294469.05	Crush short-term	0.14	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
A-030-9.5-r	A-030-9.5	USFS	T24S R3W 20	ELSINORE	400215.17	4283950.31	0.00	0.00	Crush short-term	0.06	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
A-030-12.4-r	A-030-12.4	USFS	T24S R3W 3	ANNABELLA	402749.12	4288027.42	402749.06	4288027.23	Crush short-term	0.10	0.00	Track/ATV-Track Preferred	HSA/ODEX/Core/Sonic
A-030-14.1-r	A-030-14.3	USFS	T23S R3W 34	RICHFIELD	403614.59	4290695.47	0.00	0.00	Crush short-term	0.00	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-030-16.0-r	A-033-0.2	Private	T23S R3W 23	RICHFIELD	405062.68	4293519.63	405062.69	4293519.56	Crush short-term	0.01	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-030-16.6-r	D-033-0.9	Private	T23S R3W 24	RICHFIELD	405736.07	4294075.19	0.00	0.00	Crush short-term	0.01	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-030-13.4-r	D-030-13.4	USFS	T24S R3W 3	ANNABELLA	403527.48	4289535.08	403527.41	4289534.94	Crush short-term	0.09	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
T-033-3.1-r	A-033-3.1	SITLA	T23S R2W 7	RICHFIELD	408258.43	4296478.50	408258.35	4296478.48	Crush short-term	0.02	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-033-4.3-r	T-033-4.3	BLM	T23S R2W 5	RICHFIELD	409573.64	4297990.26	409573.54	4297990.30	Crush short-term	0.74	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-064-5.2-r	D-064-5.2	Private	T25S R4W 31	MARYSVALE CANYON	389003.06	4271495.00	389028.39	4271478.34	Crush short-term	0.08	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-066-11.2-r	A-066-11.2	USFS	T26S R4.5W 8	MARYSVALE CANYON	380289.03	4268920.18	380326.26	4268911.15	Clear long-term	0.00	0.85	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-066-0-r	D-066-0	USFS	T25S R6W 31	COVE FORT	363596.55	4272329.10	363596.55	4272329.10	Crush short-term	0.07	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-066-1.5-r	D-066-1.5	USFS	T25S R6W 33	COVE FORT	365745.25	4273345.45	365745.25	4273345.45	Crush short-term	0.05	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-066-9.1-r	D-066-9.1	USFS	T26S R5W 13	TRAIL MOUNTAIN	376779.39	4268482.65	376779.39	4268482.65	Crush short-term	0.04	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-066-2.6-r	T-066-2.6	USFS	T25S R6W 34	COVE FORT	367407.63	4272726.79	367407.63	4272726.79	Crush short-term	0.02	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-085-1.9-r	D-085-1.9	BLM	T28S R11W 15	MILFORD FLAT	319210.60	4248731.98	319210.75	4248731.97	Crush short-term	0.51	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-155-0-r	A-155-0	Private	T30S R12W 11	THERMO	309819.50	4232242.96	0.00	0.00	Crush short-term	0.36	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-155-4.5-r	A-155-4.5	BLM	T29S R12W 24	PICACHO PEAK	312266.15	4239026.17	312266.26	4239026.23	Crush short-term	0.07	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-155-10.4-r	D-155-10.4	Private	T28S R11W 27	MILFORD FLAT	318351.44	4246294.05	0.00	0.00	Crush short-term	0.51	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-155-2.3-r	T-155-2.3	BLM	T29S R12W 35	THERMO	310990.25	4235490.18	310990.59	4235489.52	Crush short-term	0.46	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-155-7.5-r	T-155-7.5	BLM	T29S R11W 5	MILFORD FLAT	315433.08	4242810.73	315433.43	4242810.85	Crush short-term	0.52	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-160-15.1-r	D-160-15.1	BLM	T30S R12W 30	THERMO	303951.18	4226601.05	303951.38	4226601.04	Crush short-term	0.50	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-160-17.6-r	T-160-17.6	BLM	T30S R12W 16	THERMO	306973.38	4229499.95	306973.53	4229499.86	Crush short-term	0.50	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-165-11.5-r	T-165-11.5	BLM	T33S R13W 23	AVON	298828.87	4198716.20	298829.19	4198716.00	Crush short-term	0.45	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-220-2.5-r	A-220-2.5	Private	T35S R15W 35	NEWCASTLE	279251.58	4176603.69	279251.65	4176603.67	Crush short-term	0.04	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-220-9.2-r	A-220-9.2	Private	T34S R14W 32	ANTELOPE PEAK	284985.05	4186215.64	284984.99	4186215.62	Crush short-term	0.46	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-220-6-r	D-220-6	Private	T35S R15W 13	ANTELOPE PEAK	280971.71	4182171.82	280971.90	4182171.64	Crush short-term	0.56	0.00	ATV / Truck/CPT ATV preferred	HSA/ODEX/Core/Sonic/CPT
T-220-4.2-r	T-220-4.2	Private	T35S R15W 26	SILVER PEAK	280061.60	4179226.74	280061.64	4179226.74	Crush short-term	0.39	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-220-7.6-r	T-220-7.6	Private	T35S R14W 7	ANTELOPE PEAK	282799.40	4183978.12	282799.60	4183978.08	Crush short-term	0.04	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
A-270-8.4-r	A-270-8.4	USFS	T37S R16W 36	PINTO	270391.72	4156598.32	270391.92	4156597.97	Crush short-term	0.32	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-270-3.6-r	D-270-3.6	USFS	T38S R16W 26	CENTRAL EAST	268019.38	4149063.62	268021.27	4149063.62	Clear long-term	0.00	0.60	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-270-14.1-r	D-270-14.1	USFS	T37S R16W 1	PINTO	270513.59	4164441.55	270513.57	4164441.04	Clear long-term	0.00	0.03	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-275-2.6-r	D-270-2.6	USFS	T38S R16W 27	CENTRAL WEST	267211.60	4147626.76	0.00	0.00	Crush short-term	0.44	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
A-285-6.6-r	A-285-6.6	USFS	T38S R17W 14	CENTRAL WEST	259016.44	4151106.93	0.00	0.00	Clear long-term	0.00	0.26	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
D-380-18.8-r	D-380-18.8	BLM	T25S R11W 13	RED ROCK KNOLL	322332.49	4278663.09	322332.78	4278662.71	Crush short-term	0.54	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-380-10.7-r	T-380-10.7	Private	T26S R11W 25	LIME MOUNTAIN	321972.71	4265493.17	321972.71	4265493.17	Crush short-term	0.46	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-380-13.7-r	T-380-13.7	BLM	T26S R11W 12	LIME MOUNTAIN	322113.70	4270417.85	322113.88	4270417.86	Crush short-term	0.08	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-380-16.3-r	T-380-16.3	BLM	T25S R11W 25	LIME MOUNTAIN	322240.05	4274612.88	322240.24	4274612.82	Crush short-term	0.04	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-381-1.6-r	A-380-1.6	BLM	T28S R11W 11	MILFORD	320086.89	4251197.93	320087.49	4251199.08	Crush short-term	0.32	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-381-2.8-r	D-380-2.8	Private	T28S R11W 2	MILFORD	320138.99	4253373.84	0.00	0.00	Crush short-term	0.46	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-381-4.7-r	D-380-4.7	BLM	T27S R11W 25	MILFORD	321779.07	4255898.96	321778.95	4255898.81	Crush short-term	0.25	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-425-7.5-r	D-425-7.5	BLM	T30S R10W 24	MINERSVILLE	331937.76	4228000.79	331937.97	4228000.42	Crush short-term	0.02	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-425-4.6-r	T-425-4.6	BLM	T30S R10W 27	MINERSVILLE	327536.08	4226949.65	327536.43	4226949.11	Crush short-term	0.71	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-430-10.5-r	D-430-10.5	Private	T33S R12W 7	ENOCH NW	302393.09	4202069.71	302393.06	4202069.71	Crush short-term	0.51	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
C-438-4.8-r	D-438-4.8	SITLA	T36S R14W 16	SILVER PEAK	286078.35	4172619.78	286078.24	4172619.68	Crush short-term	0.08	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-450-1.1-r	A-348-1.1	BLM	T27S R9W 9	BEARSKIN MOUNTAIN	336691.78	4260738.87	336692.25	4260738.91	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-450-4.1-r	D-348-3.4	BLM	T26S R9W 34	PINNACLE PASS	337994.98	4264207.08	338003.65	4264203.14	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-470-15-r	A-390-15	BLM	T28S R10W 35	CAVE CANYON	329330.23	4244298.71	329330.34	4244298.51	Crush short-term	0.06	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-470-17.9-r	A-390-17.9	BLM	T28S R10W 24	CAVE CANYON	331323.73	4248304.51	331323.85	4248304.27	Crush short-term	0.07	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-470-18.7-r	A-390-18.7	BLM	T28S R10W 13	RANCH CANYON	331918.03	4249487.47	331917.65	4249486.73	Crush short-term	0.05	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-470-21.6-r	A-390-21.6	BLM	T28S R9W 5	RANCH CANYON	334472.44	4253173.31	334472.82	4253173.10	Crush short-term	0.08	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-470-23.4-r	A-390-23.4	BLM	T27S R9W 29	RANCH CANYON	335550.06	4255883.48	335550.20	4255883.48	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-470-24.7-r	A-390-24.7	BLM	T27S R9W 21	RANCH CANYON	336212.49	4257873.32	336212.94	4257873.42	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-470-9.1-r	D-390-9.1	BLM	T29S R10W 35	MINERSVILLE	329987.32	4235026.32	329987.09	4235026.26	Crush short-term	0.05	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-470-12.9-r	D-390-12.9	BLM	T29S R10W 10	CAVE CANYON	327860.00	4241335.45	327859.59	4241336.45	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-470-15.9-r	D-390-15.9	BLM	T28S R10W 26	CAVE CANYON	329597.22	4245574.98	329597.16	4245574.52	Crush short-term	0.06	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-470-19.8-r	D-390-19.8	BLM	T28S R9W 7	RANCH CANYON	333070.38	4251095.42	333071.02	4251095.67	Crush short-term	0.04	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-470-20.2-r	D-390-20.2	BLM	T28S R9W 7	RANCH CANYON	333591.50	4251327.82	333593.87	4251328.07	Crush short-term	0.07	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
T-470-11-r	T-390-11	BLM	T29S R10W 15	CAVE CANYON	328036.79	4239585.71	328036.82	4239585.70	Crush short-term	0.05	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-480-0-r	D-425-0	BLM	T30S R11W 35	NINEMILE KNOLL	319825.83	4225108.40	319825.68	4225108.67	Crush short-term	0.06	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-490-4.5-r	D-395-4.5	Private	T31S R11W 23	BABOON PEAK	318825.92	4218346.49	0.00	0.00	Crush short-term	0.08	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-490-2.2-r	T-395-2.2	BLM	T31S R11W 11	NINEMILE KNOLL	319340.46	4221826.07	319340.56	4221825.72	Clear long-term	0.00	0.23	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-490-7-r	T-395-7	BLM	T31S R11W 33	BABOON PEAK	315900.59	4215504.49	315900.54	4215504.83	Crush short-term	0.03	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-490-10.2-r	T-395-10.2	BLM	T32S R11W 7	BADGER PEAK	312325.28	4212031.03	312326.04	4212031.22	Crush short-term	0.01	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT

10.46
Total Acres

1.12
Total Acres

Amended Attachment C - Summary of Geographic and Access Data for Soil Borings

NEW BORINGS

Borehole ID#	Old Borehole ID# (if changed)	Ownership	Township/Range/Section	Quad Name	Proposed X UTM,NAD83, 12N	Proposed Y UTM, NAD83, 12N	Staked X UTM,NAD83, 12N	Staked Y UTM, NAD83, 12N	Access Disturbance (Overland)	Short Term Disturbance (Quantities are approximate maximums in acres)	Long Term Disturbance (Quantities are approximate maximums in acres)	Rig Type (truck, ATV, Track, CPT, Platform*) *platform rigs will be transported to site using helicopter	Drilling Method
D-025-0.1-n		private	T22S R2W 35	SIGURD	413901.82	4299788.30	413901.82	4299788.30	existing	0.00	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
D-025-0.4-n		private	T22S R2W 34	SIGURD	413401.75	4299784.74	413401.75	4299784.74	Crush short-term	0.00	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
D-026-1.2-n	D-026-2.2	Private	T22S R2W 34	SIGURD	413408.15	4300165.21	413408.15	4300165.21	Crush short-term	0.00	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
A-030-9.1-n		USFS	T24S R3W 20	ELSINORE	399922.67	4283385.83	0.00	0.00	existing	0.00	0.00	Truck/ATV - Truck preferred	HSA/ODEX/Core/Sonic
A-030-9.3-n		USFS	T24S R3W 20	ELSINORE	400016.33	4283644.27	0.00	0.00	helicopter	0.00	0.00	Track/ATV-Track Preferred	HSA/ODEX/Core/Sonic
A-030-12.6-n		Private	T24S R3W 3	ANNABELLA	403057.62	4288625.96	0.00	0.00	Crush short-term	0.06	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
T-030-10-n		USFS	T24S R3W 21	ELSINORE	400640.56	4284598.97	400640.64	4284598.95	Crush short-term	0.02	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-033-5-n		SITLA	T23S R2W 4	RICHFIELD	410684.60	4299252.22	410684.81	4299252.11	Crush short-term	0.41	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-064-4.8-n		USFS	T25S R4W 31	MARYSVALE CANYON	388876.81	4270755.71	388876.81	4270755.71	Crush short-term	0.26	0.00	ATV/Track/Platform-ATV preferred	HSA/ODEX/Core/Sonic
C-066-2.9-n		USFS	T25S R5W 30	COVE FORT	368419.96	4272297.24	0.00	0.00	Crush short-term	0.03	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-080-11.6-n	D-075-0	SITLA	T27S R9W 16	RANCH CANYON	336333.70	4258535.38	336333.70	4258535.38	Crush short-term	0.18	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
T-160-3.1-n		BLM	T32S R12W 30	ENOCH NW	302526.25	4207257.47	302526.21	4207257.41	Crush short-term	0.46	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-221-1.4-n		BLM	T36S R15W 20	NEWCASTLE	274267.10	4169866.39	274266.94	4169866.39	Crush short-term	0.05	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-221-5.2-n	D-220-0	BLM	T36S R15W 10	NEWCASTLE	278094.76	4173090.44	278094.80	4173090.34	Crush short-term	0.29	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-221-3.2-n		BLM	T36S R15W 21	NEWCASTLE	276583.23	4171295.58	0.00	0.00	Crush short-term	0.39	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-221-4.1-n		BLM	T36S R15W 22	NEWCASTLE	278095.77	4171294.21	278095.62	4171294.34	Crush short-term	0.22	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
T-221-2.9-n		Private	T36S R15W 21	NEWCASTLE	276198.07	4171006.01	276196.60	4170960.18	Crush short-term	0.01	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-250-0.8-n		BLM	T36S R15W 30	NEWCASTLE	272683.18	4168254.95	272682.99	4168255.08	Clear long-term	0.00	0.11	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-260-10.5-n		USFS	T38S R15W 22	CENTRAL EAST	276678.60	4149689.59	0.00	0.00	Crush short-term	0.13	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-270-12.2-n		USFS	T37S R16W 12	PINTO	269891.75	4162179.94	269891.64	4162179.33	Crush short-term	0.06	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-275-0.1-n		USFS	T39S R16W 9	CENTRAL WEST	265716.31	4144304.50	265716.31	4144304.50	Crush short-term	0.01	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-280-0-n		USFS	T37S R16W 11	PINTO	268890.59	4162214.98	268890.59	4162214.98	Crush short-term	0.41	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
T-280-0.7-n		private	T37S R16W 10	ENTERPRISE	267724.31	4161905.65	267724.31	4161905.65	Crush short-term	0.49	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-290-0.3-n		USFS	T39S R16W 9	CENTRAL WEST	265417.24	4144220.24	265417.24	4144220.24	Crush short-term	0.07	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-290-0.6-n		USFS	T39S R16W 9	CENTRAL WEST	265401.41	4143733.88	265401.41	4143733.88	Clear long-term	0.00	0.17	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-305-0.9-n		private	T26S R7W 11	COVE FORT	360249.73	4269867.38	360249.73	4269867.38	Crush short-term	0.05	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-305-1.0-n		private	T26S R7W 11	COVE FORT	360122.21	4269894.24	360122.21	4269894.24	Crush short-term	0.03	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-305-1.8-n		BLM	T26S R7W 10	COVE FORT	358792.42	4270174.40	358792.42	4270174.40	Crush short-term	0.36	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-350-0-n		BLM	T25S R9W 14	ANTELOPE SPRING	340574.32	4278663.06	0.00	0.00	Crush short-term	0.04	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-385-6.1-n		BLM	T27S R10W 1	RANCH CANYON	331726.00	4261875.99	331724.49	4261875.62	Crush short-term	1.14	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
A-385-8.2-n		BLM	T27S R9W 8	RANCH CANYON	334983.71	4260782.80	334983.76	4260782.77	Crush short-term	1.51	0.00	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-386-0-n		BLM	T27S R11W 1	MILFORD	321896.36	4261874.73	321896.44	4261874.14	Crush short-term	0.46	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
T-386-3.0-n		Private	T27S R10W 4	RANCH CANYON	326728.97	4261875.35	0.00	0.00	Crush short-term	0.48	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-396-14.4-n		BLM	T32S R12W 27	ENOCH NW	307745.12	4207216.89	0.00	0.00	Crush short-term	0.38	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT
D-420-3.8-n		BLM	T29S R6W 30	BLACK RIDGE	361902.08	4235143.24	361902.04	4235142.88	Clear long-term	0.00	0.13	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-425-8.6-n		BLM	T30S R9W 18	MINERSVILLE	333386.22	4230196.89	0.00	0.00	Crush short-term	0.18	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-440-1.3-n		USFS	T37S R16W 34	ENTERPRISE	266925.94	4155597.56	266925.94	4155597.56	Clear long-term	0.00	0.06	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-440-3.2-n		USFS	T37S R16W 28	ENTERPRISE	265060.11	4157948.78	265060.11	4157948.78	Crush short-term	0.19	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-440-4.5-n		USFS	T37S R16W 30	ENTERPRISE	262877.30	4158049.33	262877.30	4158049.33	existing	0.00	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-440-5.7-n		USFS	T37S R16W 19	ENTERPRISE	262151.82	4159842.75	262151.82	4159842.75	Clear long-term	0.00	0.02	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-441-0.5-n		private	T36S R16W 35	PINTO	269923.10	4165754.34	0.00	0.00	Crush short-term	0.08	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-441-1.0-n		private	T36S R16W 36	PINTO	270519.93	4166395.71	0.00	0.00	Crush short-term	0.14	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-441-2.3-n		private	T36S R16W 25	NEWCASTLE	271570.76	4168256.24	271570.76	4168256.24	Crush short-term	0.20	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-443-0.8-n		USFS	T37S R16W 35	PINTO	269394.96	4156677.07	269394.96	4156677.07	Crush short-term	0.13	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-443-2.0-n		private	T37S R16W 26	PINTO	269395.47	4158610.32	0.00	0.00	Crush short-term	0.12	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
A-443-2.2-n		USFS	T37S R16W 23	PINTO	269228.76	4158821.12	269228.76	4158821.12	Crush short-term	0.01	0.00	Truck/ATV Truck Preferred	HSA/ODEX/Core/Sonic
D-444-1.4-n		USFS	T38S R16W 22	CENTRAL WEST	266843.03	4149824.37	266843.03	4149824.37	Clear long-term	0.00	0.13	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
D-444-2.1-n		USFS	T38S R16W 22	CENTRAL WEST	267507.53	4150667.21	267507.53	4150667.21	Clear long-term	0.00	0.10	ATV/Track - ATV preferred	HSA/ODEX/Core/Sonic
C-444-5.1-n		USFS	T37S R16W 35	PINTO	268907.10	4155536.81	268907.10	4155536.81	Crush short-term	0.54	0.00	ATV / Truck ATV preferred	HSA/ODEX/Core/Sonic
D-490-14.5-n		BLM	T32S R12W 27	ENOCH NW	307279.00	4207220.35	307279.26	4207220.45	Crush short-term	0.03	0.00	Truck / ATV /CPT Truck Preferred	HSA/ODEX/Core/Sonic/CPT

9.62 Total Acres 0.72 Total Acres