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**APPENDIX B**

**APPROVED ACTIVITIES  
UNDER EXISTING  
RESOLUTION PROJECT  
EXPLORATORY  
DRILLING PLAN OF  
OPERATIONS**

**Approved Activities Under Existing Resolution Project Exploratory Drilling Plan of Operations  
(POO No. 01-12-002 and associated amendments)**

Activity Name	Purpose and Uses	Location	Land Ownership	Disturbance		Facility Description	Equipment Used	Phasing/Abandonment
				Within Existing Disturbance?	Estimated Area			
<b>Site A (RES-4, RES-7)</b>	Exploration Hydrologic Monitoring	T1S, R13E, SE 1/4 Sec 32	Forest Service	Yes	0.25 ac	<ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3,000 ft trunk hole (6" diameter to start) through open hole technique</li> <li>multiple deflections by diamond drilling</li> </ul>	1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 UDR-5000 Core Drill Rig 1 CP-50 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> – Currently in use and authorized through December 2008 <b>Length of Occupancy</b> Throughout mine planning stage <b>Concurrent reclamation</b> – After completion of drilling and testing activities the pad will be graded and reclaimed. <b>Closure</b> Hydro well monitoring will continue throughout life of mine – Pad will be graded and road maintained to allow support vehicles and pump rigs to access well.
<b>Site B (RES-3)</b>	Exploration/Hydrologic Monitoring	T1S, R13E, SE 1/4 Sec 32	Forest Service	Yes	0.25 ac	<ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique</li> <li>multiple deflections by diamond drilling</li> </ul>	1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 UDR-5000 Core Drill Rig 1 CP-50 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> - Authorized through December 2008 <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – After completion of drilling and testing activities the pad will be graded and reclaimed. <b>Closure</b> RES -03 is abandoned according to site procedure with hung transducer in open bore hole below casing- transducer will be removed when water level drops below measured zone.
<b>Site C (RES-2)</b>	Exploration	T2S, R13E, NE 1/4 SE 1/4 Sec 6	Forest Service	Yes	0.25 ac	<ul style="list-style-type: none"> <li>30ft X 130ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique</li> <li>multiple deflections by diamond drilling</li> </ul>	1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 CP-50 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> - Authorized through December 2008 <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – After completion of drilling and testing activities the pad will be graded and reclaimed <b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>Site D (RES-1)</b>	Exploration	T2S, R13E, NW 1/4 Sec 6	Forest Service	Yes	0.25 ac	<ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique</li> <li>multiple deflections by diamond drilling</li> </ul>	1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 CP-50 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> - Authorized through December 2008 <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – After completion of drilling and testing activities the pad will be graded and reclaimed

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				Within Existing Disturbance?	Estimated Area			
								<b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>Site F (SITE NOT OCCUPIED)</b>	Exploration/Hydrologic Monitoring	T2S, R13E, NW 1/4 Sec 6	Forest Service	Yes	Site not occupied	<p>SITE NOT OCCUPIED</p> <ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique</li> <li>multiple deflections by diamond drilling</li> </ul>	<p>SITE NOT OCCUPIED</p> <p>1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 UDR-5000 Core Drill Rig 1 UDR-1500 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe</p>	SITE NOT OCCUPIED
<b>FR 315 from FR-469 to State Land boundary</b>	Improvements/Maintenance for access to State Lands	T1S, R13E, SE 1/4 Sec 32; T2S, R13E, NE 1/4 SE 1/4 Sec 6, NE 1/4 SW 1/4 Sec 6, and NW 1/4 Sec 6	Forest Service	Yes	2.5 ac	<ul style="list-style-type: none"> <li>20ft X 4000ft widening of roadway</li> </ul>	<p>1 D-9 Cat Bulldozer 1 Track hoe</p> <p>Maintenance Front end loader Backhoe</p>	<p><b>Initiation</b> – Continual maintenance</p> <p><b>Length of Occupancy</b> - Throughout mine planning stage</p> <p><b>Concurrent reclamation</b> – Periodic maintenance to allow support vehicles to access hydrology wells</p> <p><b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.</p>
<b>Site M (RES-5, HRES-4)</b>	Hydrologic Monitoring/Exploration	T1S, R13E, SW 1/4 Sec 33	Forest Service	Yes	0.25	<ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique and deepen trunk hole to 7000ft by diamond drilling</li> <li>multiple deflections by diamond drilling</li> </ul>	<p>1 Schram 685 Rotary Drill Rig and other rotary rig for hydrology works 2 Pipe trucks 1 CP-50 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe 1 tracked jaw crusher</p>	<p><b>Initiation</b> - Authorized through December 2008</p> <p><b>Length of Occupancy</b> - Throughout mine planning stage</p> <p><b>Concurrent reclamation</b> – After completion of drilling and testing activities the pad will be graded and reclaimed.</p> <p><b>Closure</b> Hydro well monitoring will continue throughout life of mine – Pad will be graded and road maintained to allow support vehicles and pump rigs to access well.</p>

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Activity Name	Purpose and Uses	Location	Land Ownership	Disturbance		Facility Description	Equipment Used	Phasing/Abandonment
<b>FR 469 to Site M</b>	Improvements/Maintenance for access to Site M	T1S, R13E, W 1/2 Sec 33	Forest Service	Yes	2.0 ac	<ul style="list-style-type: none"> <li>8ft X 3300ft widening of roadway</li> </ul>	1 D-9 Cat Bulldozer 1 Track hoe  Maintenance Front end loader Backhoe	<b>Initiation</b> – Continual maintenance <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – Periodic maintenance to allow support vehicles to access hydrology wells <b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>New Road to Site M</b>	Road Construction for access to Site M	T1S, R13E, SW 1/4 Sec 33	Forest Service	No	0.15 ac	<ul style="list-style-type: none"> <li>15ft X 450ft grading modification</li> </ul>	1 D-9 Cat Bulldozer 1 Track hoe  Maintenance Front end loader Backhoe	<b>Initiation</b> - Completed <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – Periodic maintenance to allow support vehicles to access hydrology wells <b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>Site #1 (RES-6)</b>	Exploration	T1S, R13E, SE 1/4 NW 1/4 Sec 32	Forest Service	Yes	.25 ac	<ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique and deepen trunk hole to 7000ft by diamond drilling</li> <li>multiple deflections by diamond drilling</li> </ul>	1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 UDR-5000 Core Drill Rig 1 CP-50 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> - Authorized through December 2008 <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – After completion of drilling and testing activities the pad will be graded and reclaimed. <b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>Site #2 (RES-9, HRES-2)</b>	Exploration/Hydrologic Monitoring	T1S, R13E, SW 1/4 SE 1/4 Sec 32	Forest Service	Yes	.25 ac	<ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique and deepen trunk hole to 7000ft by diamond drilling</li> <li>multiple deflections by diamond drilling</li> </ul>	1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 UDR-5000 Core Drill Rig 1 CP-50 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> - Authorized through December 2008 <b>Length of Occupancy</b> - Hydro well monitoring will continue throughout life of mine – Pad will be graded and road maintained to allow support vehicles and pump rigs to access the well site <b>Concurrent reclamation</b> – Periodic maintenance to allow support vehicles to

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								access hydrology wells <b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>Site #3 (RES-10, 11)</b>	Exploration	T2S, R13E, NW 1/4 SE 1/4 Sec 6	Forest Service	Yes	.25 ac	<ul style="list-style-type: none"> <li>40ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 3000ft trunk hole (6" diameter to start) through open hole technique and deepen trunk hole to 7000ft by diamond drilling</li> <li>multiple deflections by diamond drilling</li> </ul>	2 Pipe trucks 1 UDR-5000 Core Drill Rig 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> - Authorized through December 2008 <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – After completion of drilling and testing activities the pad will be reclaimed. <b>Closure</b> - Drill hole abandonment will be conducted in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>DOE Well Site (HRES-3)</b>	Hydrologic Monitoring	T1S, R13E, SE 1/4 SE 1/4 Sec 28	Forest Service	Yes	.30 ac	<ul style="list-style-type: none"> <li>100ft X 100ft drill pad plus equivalent area for grading, fill, and mud pits</li> <li>Approximately 1500 ft hole (12" diameter to start reduced to 9" then 6" depending on depth.</li> <li>Well completion with steel casing, pump and or transducers, gravel pack, sounder access and inflatable packers designed for continual monitoring</li> </ul>	1 Schram 685 Rotary Drill Rig 2 Pipe trucks 1 D-9 Cat Bulldozer 1 Track hoe	<b>Initiation</b> - Authorized through December 2008 <b>Length of Occupancy</b> - Hydro well monitoring will continue throughout life of mine – <b>Concurrent reclamation</b> – Pad will be graded and road maintained to allow support vehicles and pump rigs to access well. <b>Closure</b> - After completion of monitoring activities the pad will be reclaimed in accordance with ACC R12-15, ARS Title 45, Chapter 2, Article 10, as administered by the ADWR. Cleared areas will be ripped and seeded with Forest Service-approved mix.
<b>Road to private inholding parcel</b>	Maintenance and improvement for access to the private inholding parcel	T1S, R13E, S 1/2 NW 1/4 Sec 32	Forest Service	Yes	Not specified	Maintain and improve existing road for access to the privately owned inholding parcel.	1 Track hoe 1 Front end loader	<b>Initiation</b> – Continual maintenance <b>Length of Occupancy</b> - Throughout life of mine <b>Concurrent reclamation</b> – This road will be maintained throughout the life of the mine. <b>Closure</b> - On periodic maintenance throughout life of mine

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<b>Road to Drill Site 1 RES-06</b>	Maintenance and improvement for access to Site 1 (RES-06)	T1S, R13E, SE 1/4 NW 1/4 Sec 32	Forest Service	Yes	Not specified	Maintain and improve existing road for access to exploration Site 1 (RES-06)	1 Track hoe 1 Front end loader	<b>Initiation</b> – Continual maintenance <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – This road will be maintained throughout the life of the mine. <b>Closure</b> - On periodic maintenance throughout life of mine
<b>Road to State Lands from Drill Site M</b>	Maintenance and improvement for access to Drill Site M	T1S, R13E, SW 1/4 SW 1/4 Sec 33	Forest Service	Yes	Not specified	Maintain and improve existing road for access to Site M	1 Track hoe 1 Front end loader	<b>Initiation</b> – Continual maintenance <b>Length of Occupancy</b> - Throughout mine planning stage <b>Concurrent reclamation</b> – This road will be maintained throughout the life of the mine. <b>Closure</b> - On periodic maintenance throughout life of mine