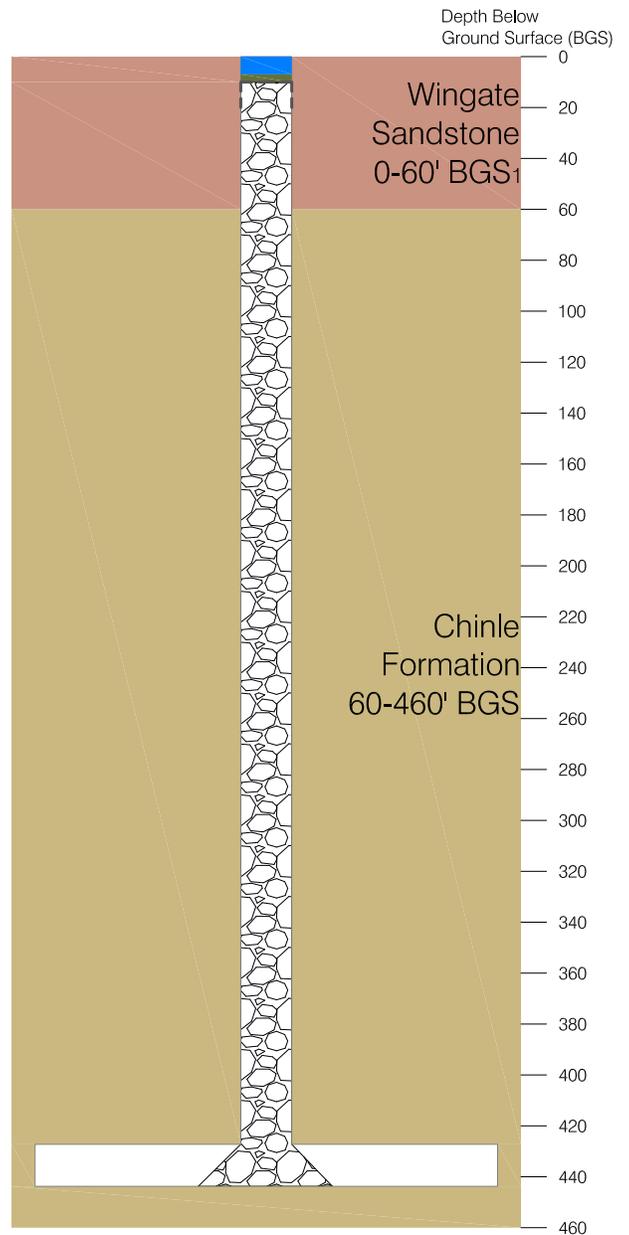
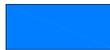


Notes:

1. The Wingate Sandstone varies between 0 feet and greater than 1000 feet thick in the area of the Daneros Mine.
2. The 2 existing vents are 6 feet in diameter and are cased. Future vents may be up to 8 feet in diameter. New vents may not be cased if they are dry and in competent material.
3. Future vents that are uncased to the total depth will have a minimum of 20 feet of grouted surface casing installed.
4. The concrete foundation for the vent shroud will be broken and placed within the vent.
5. The vent surface casing will be removed to 4-feet below ground surface.
6. Approximately 3-inches of surface soil around the vent will be placed within the vent.
7. The 6-inch reinforced concrete cap will be placed 4-feet below the ground surface. This cap will extend 1 foot beyond the extent of the vent borehole.
8. Uncased vents will be backfilled all the way from the mine workings to 4 feet below the surface. The reinforced concrete cap will be placed on top of the settled backfill material.
9. The surface area around the backfilled vent will be graded to drain away from the vent.
10. If a perched aquifer is intercepted during vent shaft construction, the vent will be cased. It will also be grouted 50 feet above and below the perched aquifer.

Approximate  
Level of Mine  
Workings  
440' BGS



-  Reinforced Concrete Cap
-  Development Rock Backfill
-  Topsoil Cover
-  Vent Casing



REVISIONS		Project: <b>Daneros Mine</b>	
Date	By	County: <b>San Juan</b>	State: <b>Utah</b>
		Location:	
		<b>Figure 4-2</b> <b>Vent Closure Design</b> <b>Uncased Vent Shafts</b>	
		Author: <b>RJE</b>	Date: <b>8/6/13</b>
		Drafted By:	