

Table 7-2 Proposed Monitoring Program Summary Within the Area of the Mill and Mine

Monitoring Station	Easting	Northing	Description	Internal Lab							External Lab							EEM Program						
				Inspect	Flow	pH	Temp.	Cond.	Total Zinc	Ammonia	Turbidity	Total ICP Metals	Dissolved ICP Metals	Ammonia	Hardness	pH	Cond.	TSS	LT50	Sediment	Benthic	Sub-Lethal Toxicity		
<b>Proposed Monitoring under new Type A Water Licence Application</b>																								
KV-1	4742790	7092790	South McQuesten River u/s Christal Creek		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-2	472076	7090036	South McQuesten River @ Pumphouse		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-6	483909	7088242	Christal Creek at Keno Highway		Q	Q	Q	Q				M	M		M	M	M		BA	BA				
KV-7	478657	7092413	Christal Creek at Hanson Road		M	M	M	M				M	M		M	M	M							
KV-8	465836	7088410	Christal Creek @ Mouth		Q	Q	Q	Q				M	M		M	M	M							
KV-37	490315	7087776	Lightning Creek u/s Hope Gulch		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-38*	488193	7087341	Lightning Creek u/s Thunder Gulch		Q	Q	Q	Q				Q	Q		Q	Q	Q		A					
KV-39	490252	7087783	Hope Gulch u/s Lightning Creek		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-40	488982	7087503	Charity Gulch u/s Lightning Creek		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-41	485429	7086764	Lightning Creek u/s bridge at Keno City		Q	Q	Q	Q				M	M		M	M	M		A					
KV-42	487363	7087062	Bellekeno 625 Adit		C	W	W	W	W	W	W	M	M	M	M	M	M							
KV-43	487318	7087147	Bellekeno 625 Treatment Pond Decant	D	D	D	D	D	D	D	D	W	W	W	W	W	W	M	A		SA			
KV-44	487361	7087195	Bellekeno 625 Seep			Ms	Ms	Ms	Ms				Q	Q		Q	Q	Q	Q					
KV-45	485101	7087288	Onok Adit		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-51*	483600	7087010	Christal Creek d/s Hinton Creek		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-52	483756	7087869	Mackeno Creek		M	M	M	M				M	M	M	M	M	M							
KV-65	487464	7086873	Thunder Gulch Upstream of Bellekeno		Q	Q	Q	Q				M	M	M	M	M	M							
KV-75	487594	7086161	Bellekeno East Pond Decant	<i>Pond has been reclaimed</i>							<i>Pond has been reclaimed</i>													
KV-76	487414	7087118	Thunder Gulch d/s of Bellekeno 625 adit			Q	Q	Q	Q				M	M	M	M	M	M	M					
KV-77	487742	7086013	Thunder Gulch upstream of Bellekeno East		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-78	487126	7087052	Bellekeno Waste Rock Storage Facility			Ms	Ms	Ms				Q	Q		Q	Q	Q							
KV-79	483796	7087919	Christal Creek d/s MacKeno Tailings		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-80	483790	7087869	Christal Lake u/s Mackeno Tailings		Q	Q	Q	Q				Q	Q		Q	Q	Q							
KV-36	483787	7086750	Bellekeno Mill Pond Discharge	D	D	D	D	D	D	D	D	W	W	W	W	W	W	M	A		SA			
KV-81	483548	7086423	Lightning Creek, South of Mill Site		Q	Q	Q	Q				Q	Q		Q	Q	Q							

**Codes:**  
 C = Continuous  
 D = Daily  
 W = Weekly  
 M = Monthly  
 Ms = Monthly (May - Oct)  
 Q = Quarterly  
 A = Annually  
 SA = Semi Annually  
 BA = Bi Annually - every 2 years  
 \* = Background  
 \*\*To Be Determined

ICP Metals include: Aluminum, Antimony, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Selenium, Silicon, Silver, Sodium, Strontium, Sulfur, Thallium, Tin, Titanium, Uranium, Vanadium, Zinc and Zirconium