

**Table F-1: FMC Lab-Maxxam  
 Analytical Results Comparison (Rose Cr Drainage)**

Station	Date	Zn-T (mg/L)			Zn-D (mg/L)			FMC Lab Method of Analysis
		Maxxam	FMC Lab	RPD	Maxxam	FMC Lab	RPD	
X5	3/22/2010	0.373	0.321	15.0	0.410	0.336	19.8	ICP-OES
X5	3/30/2010	0.372	0.290	24.8	0.399	0.288	32.5	ICP-OES
X5	4/6/2010	0.411	0.306	29.3	0.403	0.296	30.8	ICP-OES
X5	4/13/2010	0.266	0.237	11.7	0.278	0.233	17.6	ICP-OES
X5	4/20/2010	0.252	0.273	8.0	0.252	0.199	23.5	ICP-OES
X5	4/27/2010	0.218	0.196	10.9	0.199	0.176	12.3	ICP-OES
X5	5/4/2010	0.328	0.288	13.0	0.318	0.269	16.7	ICP-OES
X5	5/11/2010	0.192	0.194	0.8	0.178	0.177	0.6	ICP-OES
X5	5/18/2010	0.170	0.239	33.7	0.179	0.228	23.9	ICP-OES
X5	5/25/2010	0.191	0.182	5.1	0.216	0.174	21.5	ICP-OES
X5	6/1/2010	0.327	0.254	25.1	0.303	0.239	23.6	ICP-OES
X5	6/8/2010	0.326	0.283	14.3	0.316	0.270	15.7	ICP-OES
X5	6/15/2010	0.362	0.280	25.7	0.323	0.266	19.4	ICP-OES
X5	6/22/2010	0.228	0.320	33.4	0.221	0.278	22.8	ICP-OES
X5	6/29/2010	0.263	0.230	13.6	0.218	0.226	3.6	ICP-OES
X5	7/6/2010	0.278	0.227	20.2	0.226	0.165	31.2	ICP-OES
X5	7/13/2010	0.221	0.179	21.3	0.218	0.167	26.5	ICP-OES
X5	7/20/2010	0.267	0.217	20.7	0.270	0.204	27.8	ICP-OES
X5	7/27/2010	0.299	0.241	21.5	0.283	0.228	21.5	ICP-OES
X5	8/10/2010	0.236	0.209	12.4	0.226	0.139	47.7	ICP-OES
X5	8/17/2010	0.186	0.179	4.1	0.201	0.140	35.8	ICP-OES
X5	8/24/2010	0.212	0.169	22.6	0.179	0.147	19.6	ICP-OES
X5	8/31/2010	0.206	0.236	13.6	0.194	-	N/A	AAS
X5	9/7/2010	0.197	0.256	25.9	0.185	0.219	16.8	AAS
X5	11/18/2010	0.401	0.305	27.2	0.394	0.283	32.8	ICP-OES
X5	11/25/2010	0.390	0.306	24.1	0.393	0.301	26.5	ICP-OES
X5	12/2/2010	0.395	0.300	27.5	0.408	0.301	30.2	ICP-OES
X14	3/22/2010	0.032	0.032	0.3	0.035	0.028	22.6	ICP-OES
X14	3/30/2010	0.101	0.087	14.9	0.106	0.079	29.2	ICP-OES
X14	4/6/2010	0.110	0.092	18.4	0.108	0.085	24.4	ICP-OES
X14	4/13/2010	0.093	0.074	22.9	0.082	0.073	11.7	ICP-OES
X14	4/20/2010	0.074	0.093	23.0	0.062	0.043	36.2	ICP-OES
X14	4/27/2010	0.043	0.034	22.7	0.031	0.023	29.0	ICP-OES
X14	5/4/2010	0.063	0.066	4.7	0.058	0.056	2.6	ICP-OES
X14	5/11/2010	0.045	0.046	1.3	0.042	0.053	22.5	ICP-OES
X14	5/18/2010	0.039	0.034	12.4	0.035	0.027	25.5	ICP-OES
X14	5/25/2010	0.023	0.022	2.7	0.022	0.015	36.1	ICP-OES
X14	6/8/2010	0.040	0.040	0.3	0.036	0.032	11.5	ICP-OES
X14	6/15/2010	0.048	0.046	5.1	0.046	0.041	11.5	ICP-OES
X14	6/22/2010	0.046	0.114	85.9	0.044	0.046	5.4	ICP-OES
X14	6/29/2010	0.049	0.047	4.8	0.046	0.044	4.2	ICP-OES
X14	6/29/2010	0.050	0.047	7.0	0.046	0.044	3.8	ICP-OES
X14	7/6/2010	0.033	0.048	35.9	0.030	0.022	31.1	ICP-OES
X14	7/13/2010	0.043	0.040	7.0	0.042	0.031	30.6	ICP-OES
X14	7/20/2010	0.058	0.046	23.6	0.057	0.042	29.4	ICP-OES
X14	7/27/2010	0.073	0.063	14.2	0.072	0.054	28.7	ICP-OES
X14	8/10/2010	0.061	0.054	12.8	0.058	0.037	43.6	ICP-OES
X14	8/17/2010	0.052	0.051	1.9	0.052	0.043	18.4	ICP-OES
X14	8/24/2010	0.042	0.037	13.6	0.040	0.026	42.2	ICP-OES
X14	8/31/2010	0.050	0.046	7.5	0.042	-	N/A	AAS
X14	9/7/2010	0.041	0.101	84.3	0.038	0.032	16.6	AAS
X14	11/18/2010	0.135	0.110	20.4	0.123	0.094	26.7	ICP-OES
X14	11/25/2010	0.130	0.101	25.1	0.119	0.095	22.4	ICP-OES
X14	12/2/2010	0.108	0.087	21.5	0.114	0.096	17.1	ICP-OES

Shading indicates which value is greater (by more than 0.005 mg/L)



**Table F-2: FMC Lab-Maxxam  
 Analytical Results Comparison (Vangorda Cr Drainage)**

Station	Date	Zn-T (mg/L)			Zn-D (mg/L)			FMCL Method of Analysis
		Maxxam	FMCL	RPD	Maxxam	FMCL	RPD	
V25BSP	6/22/2010	0.045	0.093	69.876	0.027	0.030	11.268	ICP-OES
V25BSP	6/29/2010	0.097	0.084	15.265	0.096	0.086	10.781	ICP-OES
V25BSP	7/6/2010	0.068	0.059	14.319	0.078	0.050	43.872	ICP-OES
V25BSP	7/13/2010	0.057	0.049	14.570	0.051	0.040	24.369	ICP-OES
V25BSP	8/12/2010	0.063	0.063	0.475	0.076	-	N/A	ICP-OES
V25	6/22/2010	0.600	0.545	9.607	0.027	0.027	0.371	ICP-OES
V25	6/29/2010	0.098	0.102	4.511	0.003	<0.01	N/A	ICP-OES
V25	7/6/2010	0.059	0.049	18.350	0.005	<0.01	N/A	ICP-OES
V25	7/13/2010	0.064	0.052	20.225	0.009	<0.01	N/A	ICP-OES

Shading indicates which value is greater (by more than 0.005 mg/L)



**Table F-3: Faro Mine Complex emLine  
2010 Surface Water Stations**

2010 Surface Water Sites		
emLine Station Name	emLine Station Description	emLine Station Group
<b>ETA Combined</b>	ETA combined collection from Pumping System	Surface Water - Faro
<b>FARO CR</b>	Outlet of Faro Creek Diversion	Surface Water - Faro
<b>FCO</b>	Old Faro Creek, upstream of Faro Valley Dump	Surface Water - Faro
<b>FCS-4</b>	ETA Bypass Below Collection System	Surface Water - Faro
<b>GDHSECK</b>	Guardhouse Creek at Intermediate Pond	Surface Water - Faro
<b>LCD</b>	Little Creek Dam Pond at old pumphouse	Surface Water - Vangorda/Grum
<b>NF2</b>	North Fork Rose Creek Site 2 d/s of Haul Road	Surface Water - Faro
<b>R10</b>	North Fork of Rose Creek, d/s of Zone 2 Rock Dumps and 100 metres d/s of R9	Surface Water - Faro
<b>R7</b>	N Fork of Rose Creek above Faro Ck Diversion	Surface Water - Faro
<b>R8</b>	North Fork of Rose Creek, 100 m downstream of confluence with Faro Creek Diversion	Surface Water - Faro
<b>R9</b>	North Fork of Rose Creek, 100 m downstream of confluence with Faro Creek Diversion	Surface Water - Faro
<b>V1</b>	Vangorda Creek, u/s mine and Blind Cr. Rd.	Surface Water - Vangorda/Grum
<b>V2</b>	Grum Creek upstream of confluence with Vangorda Creek . Main stem of Grum Creek, below Tributary A.	Surface Water - Vangorda/Grum
<b>V22</b>	Vangorda Pit at pumping barge	Surface Water - Vangorda/Grum
<b>V23</b>	Grum Pit at Haul Road	Surface Water - Vangorda/Grum
<b>V24</b>	Influent to water treatment plant	Surface Water - Vangorda/Grum
<b>V25</b>	Effluent from Vangorda clarifying pond	Surface Water - Vangorda/Grum
<b>V25BSP</b>	Grum Interceptor Ditch below Sheep Pad Pond	Surface Water - Vangorda/Grum
<b>V27</b>	Vangorda Creek, just upstream. of Shrimp	Surface Water - Vangorda/Grum
<b>V2A</b>	Grum Creek upstream of confluence with Moose Pond . Adjacent to Tributary A, downgradient from V15.	Surface Water - Vangorda/Grum
<b>V4</b>	Shrimp Creek, u/s Vangorda Creek confluence	Surface Water - Vangorda/Grum
<b>V5</b>	West Fork of Vangorda Creek at gravel pit	Surface Water - Vangorda/Grum
<b>V8</b>	Lower Vangorda Creek at the footbridge	Surface Water - Vangorda/Grum
<b>VAN CLAR POND</b>	Effluent from Van. Treatment Plant before V25; settling pond	Surface Water - Vangorda/Grum
<b>X10</b>	Rose Creek Diversion Channel below weirs	Surface Water - Faro
<b>X14</b>	Rose Creek downstream of the diversion channel	Surface Water - Faro
<b>X2</b>	North Fork Rose Creek u/s of Mine Access Road	Surface Water - Faro
<b>X22b</b>	Faro Main Pit at Pumping Barge	Surface Water - Faro
<b>X3</b>	South Fork Rose Creek at the Pumphouse Pond	Surface Water - Faro
<b>X3A</b>	Rose Creek downstream of confluence of north and south forks	Surface Water - Faro
<b>X4</b>	Intermediate Pond Decant (when discharging)/Intermediate Pond at Spillway (when not discharging)	Surface Water - Faro
<b>X5</b>	Cross Valley Pond Decant	Surface Water - Faro
<b>X5P</b>	Cross Valley pond	Surface Water - Faro
<b>X7</b>	Old Faro Creek Channel d/s of Mine Access Road	Surface Water - Faro



**Table F-4: Faro Mine Complex emLine  
2010 Seepage Water Stations**

2010 Seepage Water Sites		
emLine Station Name	emLine Station Description	emLine Station Group
<b>A30</b>	Seep Flow to Main Pit from Faro Valley Dump - SRKFD40	Seepage - Faro
<b>FD-40</b>	Faro Valley Dump Seep from SRK Seeps Program	Seepage - Faro
<b>MOOSE SEEP</b>	Between Moose Pond and Vangorda Creek.	Seepage - Faro
<b>NE3</b>	South Seep to North Fork from Northeast Dumps	Seepage - Faro
<b>SP5-6</b>	Ditch to Main Pit from Northeast Dumps - SRK FD26	Seepage - Faro
<b>SRK GD01</b>	Toe of Grum Waste Rock Dump	Seepage - Vangorda/Grum
<b>V14</b>	V14, Grum Dump southwest sump	Seepage - Vangorda/Grum
<b>V15</b>	V15, Sulphide cell sump, Grum Dump	Seepage - Vangorda/Grum
<b>V16</b>	V16, Grum Dump, southeast sump	Seepage - Vangorda/Grum
<b>V29</b>	V29, Vangorda Dump drain #2	Seepage - Vangorda/Grum
<b>V30</b>	V30, Vangorda Dump drain #3	Seepage - Vangorda/Grum
<b>V31</b>	V31, Vangorda Dump drain #4	Seepage - Vangorda/Grum
<b>V32</b>	V32, Vangorda Dump drain #5	Seepage - Vangorda/Grum
<b>V33</b>	V33, Vangorda Dump drain #6	Seepage - Vangorda/Grum
<b>Weir 3</b>	Cross Valley Dam Central Seep	Seepage - Faro
<b>X11</b>	Cross Valley Dam North Seep	Seepage - Faro
<b>X12</b>	Cross Valley Dam South Seep	Seepage - Faro
<b>X13</b>	Cross Valley Dam Combined Seepage	Seepage - Faro
<b>X23</b>	Old Faro Creek channel near the toe of the main (southwest) rock dumps. SRK FD9, FD10, FD12, FD31	Seepage - Faro





2010 Groundwater Sites		
emLine Station Name	emLine Station Description	emLine Station Group
<b>BH05-9B-R</b>	BH05-9BR, Well, W of Van. Pit - Toe of Grum Rock Dump, Deep, 2005 Replacement for P96-9B	Care and Maintenance Groundwater - Vangorda/Grum
<b>BH10A</b>	BH10A, W of Zone II, by NFR Cr. (34.17m)	Care and Maintenance Groundwater - Faro
<b>BH10B</b>	BH10B, W of Zone II, by NFR Cr. (52.92m)	Care and Maintenance Groundwater - Faro
<b>BH13B</b>	Well d/g Northeast Rock Dumps, 4.25m	Care and Maintenance Groundwater - Faro
<b>BH14A</b>	Well d/g Northeast Rock Dumps, 6.22m	Care and Maintenance Groundwater - Faro
<b>BH14B</b>	Well d/g Northeast Rock Dumps, 10.00m	Care and Maintenance Groundwater - Faro
<b>BH5</b>	Well South of Zone 2 by North Fork Rose Cr. 8.33m	Care and Maintenance Groundwater - Faro
<b>BH6</b>	Well South of Zone 2 by North Fork Rose Cr.	Care and Maintenance Groundwater - Faro
<b>BH8</b>	Well South of Zone 2 by North Fork Rose Cr.	Closure Groundwater
<b>P01-01A</b>	Well d/s of CVD North Side, 21.4m	Care and Maintenance Groundwater - Faro
<b>P01-01B</b>	Well d/s of CVD North Side, 34.9m	Care and Maintenance Groundwater - Faro
<b>P01-02A</b>	Well d/s of CVD South Side, 13.9m	Care and Maintenance Groundwater - Faro
<b>P01-02B</b>	Well d/s of CVD South Side, 27.7m	Care and Maintenance Groundwater - Faro
<b>P01-03</b>	Well, toe of Int. Dam North Side, 9.2m	Care and Maintenance Groundwater - Faro
<b>P01-04A</b>	Well, Toe of Int. Dam, South Side 33.2m	Care and Maintenance Groundwater - Faro
<b>P01-04B</b>	Well, Toe of Int. Dam, South Side 52.5m	Care and Maintenance Groundwater - Faro
<b>P01-11</b>	Well, Toe of CVD North Side 10.6m	Care and Maintenance Groundwater - Faro
<b>P03-01-2</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-01-4</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-01-6</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-01-8</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-01-9</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-03-2</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-03-4</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-03-6</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-03-8</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-03-9</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-04-2</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-04-4</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-04-6</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-04-8</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-05-2</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-05-4</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-05-6</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-05-8</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-06-1</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-06-2</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-06-3</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-06-4</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-06-5</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-06-6</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-06-7</b>	Tailings, Second Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-08-2</b>	Tailings, Intermediate Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-08-4</b>	Tailings, Intermediate Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-08-6</b>	Tailings, Intermediate Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-08-7</b>	Tailings, Intermediate Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-08-8</b>	Tailings, Intermediate Impoundment	Care and Maintenance Groundwater - Faro
<b>P03-09-2</b>	Toe, X-Valley Dam	Care and Maintenance Groundwater - Faro
<b>P03-09-4</b>	Toe, X-Valley Dam	Care and Maintenance Groundwater - Faro
<b>P03-09-6</b>	Toe, X-Valley Dam	Care and Maintenance Groundwater - Faro
<b>P03-09-8</b>	Toe, X-Valley Dam	Care and Maintenance Groundwater - Faro
<b>P03-09-9</b>	Toe, X-Valley Dam	Care and Maintenance Groundwater - Faro
<b>P05-01-1</b>	Well Below CVD	Closure Groundwater
<b>P05-01-2</b>	Well Below CVD	Closure Groundwater
<b>P05-01-3</b>	Well Below CVD	Closure Groundwater
<b>P05-01-4</b>	Well Below CVD	Closure Groundwater

2010 Groundwater Sites		
emLine Station Name	emLine Station Description	emLine Station Group
P05-01-5	Well Below CVD	Closure Groundwater
P05-01-6	Well Below CVD	Closure Groundwater
P05-02	Well Below CVD	Closure Groundwater
P05-03	Well Below CVD	Closure Groundwater
P05-04	Well South of Zone 2 by North Fork Rose Cr.	Care and Maintenance Groundwater - Faro
P09-C1	Cross Valley Dam (CVD) - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-C2	Cross Valley Dam (CVD) - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-C3	Cross Valley Dam (CVD) - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-ETA1	Emergency Tailings Area - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-ETA2	Emergency Tailings Area - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-GS1A	Grum Slot Cut - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-GS1B	Grum Slot Cut - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-GW1	Grum West - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-GW3	Grum West - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-LCD1	Little Creek Dam - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-LCD4	Little Creek Dam - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-LCD6	Little Creek Dam - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-SIS1	S-Wells SIS - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-SIS2	S-Wells SIS - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-SIS3	S-Wells SIS - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-SIS4	S-Wells SIS - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-SIS5	S-Wells SIS - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Faro
P09-VC1	Vangorda Creek - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P09-VC2	Vangorda Creek - Well	New Wells 2009 (SRK); Care and Maintenance Groundwater - Vangorda/Grum
P2001-2A	Well, Toe of Vangorda Rock Dump, 27.3m - P01-	Care and Maintenance Groundwater -
P2001-2B	Well, Toe of Vangorda Rock Dump, 13.9m - P01-	Care and Maintenance Groundwater -
P2001-3	Well, Toe of Vangorda Rock Dump, 61.6m - P01-51	Care and Maintenance Groundwater - Vangorda/Grum
P96-6	Well, Toe of Intermediate Dump u/s of Rock Drain, 20.85m	Care and Maintenance Groundwater - Faro
P96-7	Well, Toe of Main Dump d/s of Rock Drain, 9.90m	Care and Maintenance Groundwater - Faro
P96-8A	P96-8A, Old Faro Cr channel by X23 (4.87m)	Care and Maintenance Groundwater - Faro
P96-8B	Well, Toe of Main Dump near X23, 9.30m	Care and Maintenance Groundwater - Faro
P96-9A	Well - Toe of Grum Rock Dump, Shallow	Care and Maintenance Groundwater - Vangorda/Grum
S1A	Well, S of Sulphide Waste Dump Near North Fork Rose Creek, 12.80m	Care and Maintenance Groundwater - Faro
S1B	Well, S of Sulphide Waste Dump Near North Fork Rose Creek, 5.37m	Care and Maintenance Groundwater - Faro
S2A	Well, S of Sulphide Waste Dump Near North Fork Rose Creek, 8.04m	Care and Maintenance Groundwater - Faro
S2B	Well, S of Sulphide Waste Dump Near North Fork Rose Creek, 10.60m	Care and Maintenance Groundwater - Faro
SRK04-3A	Well, ETA	Closure Groundwater
SRK05-5C	Well, D/g of Grum Dump	Care and Maintenance Groundwater - Vangorda/Grum
SRK05-7	Well, d/g of Grum Dump	Care and Maintenance Groundwater - Vangorda/Grum
SRK05-8	Well, D/g of Grum Dump	Care and Maintenance Groundwater - Vangorda/Grum

2010 Groundwater Sites		
emLine Station Name	emLine Station Description	emLine Station Group
SRK05-9	Alternatively named Moose Well 2, D/g of Moose Pond by Vangorda Cr.	Routine Groundwater
SRK05-ETA-BR1	Well, ETA	Closure Groundwater
SRK05-ETA-BR2	Well, ETA	Closure Groundwater
SRK05-SP1A	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP1B	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP2	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP3A	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP3B	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP4A	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP4B	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP5	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK05-SP6	S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-P10A	Well, Mill Area	Care and Maintenance Groundwater - Faro
SRK08-P11A	deep piezometer-beside creek, N of parking lot	Care and Maintenance Groundwater - Faro
SRK08-P11B		Care and Maintenance Groundwater - Faro
SRK08-P12A	Zone II Outwash Area	Care and Maintenance Groundwater - Faro
SRK08-P12B	Zone II Outwash Area	Care and Maintenance Groundwater - Faro
SRK08-P14	Grum Dump Southwest	Care and Maintenance Groundwater - Vangorda/Grum
SRK08-P15	Grum Dump Southwest	Care and Maintenance Groundwater - Vangorda/Grum
SRK08-P16	Grum Dump Southwest	Care and Maintenance Groundwater - Vangorda/Grum
SRK08-P9	piezometer - uphill along powerline near toe of waste rock dump from S-cluster area	Care and Maintenance Groundwater - Faro
SRK08-SBR1	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SBR2	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SBR3	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SBR4	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SP7A	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SP7B	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SP8A	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SP8B	Well, S-Wells Area	Care and Maintenance Groundwater - Faro
SRK08-SPW1	S-Wells Operational pumping well - Deep Aquifer	Care and Maintenance Groundwater - Faro
SRK08-SPW2	S-Wells Operational pumping well - Deep Aquifer	Care and Maintenance Groundwater - Faro
SRK08-SPW3	S-Wells Operational pumping well - Shallow Aquifer Sump	Care and Maintenance Groundwater - Faro
TH86-17	Well, Upstream of Rose Creek Tailings Facility	Care and Maintenance Groundwater - Faro
TH86-2	Well, Upstream of Rose Creek Tailings Facility	Care and Maintenance Groundwater - Faro
TH86-5	Well, Upstream of Rose Creek Tailings Facility	Care and Maintenance Groundwater - Faro
V34	Well, Toe of Vangorda Rock Dump, GW94-01	Care and Maintenance Groundwater - Vangorda/Grum
V35	Well, Toe of Vangorda Rock Dump, GW94-02	Care and Maintenance Groundwater - Vangorda/Grum
V36	Well, Toe of Vangorda Rock Dump, GW94-03	Care and Maintenance Groundwater - Vangorda/Grum
V37	Well, Toe of Vangorda Rock Dump, GW94-04	Care and Maintenance Groundwater - Vangorda/Grum
X16A	Well by Rose Creek d/s of CVD - 5m	Care and Maintenance Groundwater - Faro
X16B	Well by Rose Creek d/s of CVD - 30m	Care and Maintenance Groundwater - Faro
X17A	Well d/s of CVD, u/s of X14, across diversion - 5m	Care and Maintenance Groundwater - Faro
X17B	Well d/s of CVD, u/s of X14, across diversion - 20m	Care and Maintenance Groundwater - Faro
X18A	Well north of CVD and rt. of access road to X14 - 10m	Care and Maintenance Groundwater - Faro
X18B	Well north of CVD and rt. of access road to X14 - 20m	Care and Maintenance Groundwater - Faro
X21-96A	X21-96A, Toe 2nd Impoundment (9.22m), P96-	Care and Maintenance Groundwater - Faro
X21-96B	X21-96B, Toe 2nd Impoundment (15.43m), P96-5B	Care and Maintenance Groundwater - Faro

**Table F-5: Faro Mine Complex emLine  
 2010 Groundwater Stations**



<b>2010 Groundwater Sites</b>		
<b>emLine Station Name</b>	<b>emLine Station Description</b>	<b>emLine Station Group</b>
<b>X24-96D</b>	Well, North Abutment of Int. Dam, P96-4D, 28.22m	Care and Maintenance Groundwater - Faro
<b>X25-96A</b>	Well, South Abutment of Int. Dam, P96-3A, 9.65m	Care and Maintenance Groundwater - Faro
<b>X25-96B</b>	Well, South Abutment of Int. Dam, P96-3A, 19.80m	Care and Maintenance Groundwater - Faro
<b>X26</b>	Faro Zone II Pit Pumped Discharge	Routine Groundwater

2010 Cross Valley Pond Surface Water Sites		
emLine Station Name	emLine Station Description	emLine Station Group
<b>EC 0.5m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 0.5m below the surface	Cross Valley Pond (CVP)
<b>EC 1.0m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 1.0m below the surface	Cross Valley Pond (CVP)
<b>EC 2.0m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 2.0m below the surface	Cross Valley Pond (CVP)
<b>EC 2.5m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 2.5m below the surface	Cross Valley Pond (CVP)
<b>EC 3.0m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 3.0m below the surface	Cross Valley Pond (CVP)
<b>EC 3.5m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 3.5m below the surface	Cross Valley Pond (CVP)
<b>EC 4.0m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 4.0m below the surface	Cross Valley Pond (CVP)
<b>EC 5.0m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 5.0m below the surface	Cross Valley Pond (CVP)
<b>EC 6.0m</b>	50m diagonally W of the East Corner of the Cross Valley Pond (CVP), 6.0m below the surface	Cross Valley Pond (CVP)
<b>M 0.5m</b>	Middle of the Cross Valley Pond (CVP), 0.5m below the surface	Cross Valley Pond (CVP)
<b>M 1.0m</b>	Middle of the Cross Valley Pond (CVP), 1.0m below the surface	Cross Valley Pond (CVP)
<b>M 1.5m</b>	Middle of the Cross Valley Pond (CVP), 1.5m below the surface	Cross Valley Pond (CVP)
<b>M 2.0m</b>	Middle of the Cross Valley Pond (CVP), 2.0m below the surface	Cross Valley Pond (CVP)
<b>M 2.5m</b>	Middle of the Cross Valley Pond (CVP), 2.5m below the surface	Cross Valley Pond (CVP)
<b>M 3.0m</b>	Middle of the Cross Valley Pond (CVP), 3.0m below the surface	Cross Valley Pond (CVP)
<b>M 3.5m</b>	Middle of the Cross Valley Pond (CVP), 3.5m below the surface	Cross Valley Pond (CVP)
<b>M 4.0m</b>	Middle of the Cross Valley Pond (CVP), 4.0m below the surface	Cross Valley Pond (CVP)
<b>M 5.0m</b>	Middle of the Cross Valley Pond (CVP), 5.0m below the surface	Cross Valley Pond (CVP)
<b>M 6.0m</b>	Middle of the Cross Valley Pond (CVP), 6.0m below the surface	Cross Valley Pond (CVP)
<b>M 7.0m</b>	Middle of the Cross Valley Pond (CVP), 7.0m below the surface	Cross Valley Pond (CVP)
<b>M 8.0m</b>	Middle of the Cross Valley Pond (CVP), 8.0m below the surface	Cross Valley Pond (CVP)
<b>M 9.0m</b>	Middle of the Cross Valley Pond (CVP), 9.0m below the surface	Cross Valley Pond (CVP)
<b>M 10.0m</b>	Middle of the Cross Valley Pond (CVP), 10.0m below the surface	Cross Valley Pond (CVP)
<b>NC 0.5m</b>	North Corner of the Cross Valley Pond (CVP), 0.5m below the surface	Cross Valley Pond (CVP)
<b>NC 1.0m</b>	North Corner of the Cross Valley Pond (CVP), 1.0m below the surface	Cross Valley Pond (CVP)
<b>NC 1.5m</b>	North Corner of the Cross Valley Pond (CVP), 1.5m below the surface	Cross Valley Pond (CVP)
<b>NC 2.0m</b>	North Corner of the Cross Valley Pond (CVP), 2.0m below the surface	Cross Valley Pond (CVP)
<b>NC 2.5m</b>	North Corner of the Cross Valley Pond (CVP), 2.5m below the surface	Cross Valley Pond (CVP)
<b>NC 3.0m</b>	North Corner of the Cross Valley Pond (CVP), 3.0m below the surface	Cross Valley Pond (CVP)
<b>NC 3.5m</b>	North Corner of the Cross Valley Pond (CVP), 3.5m below the surface	Cross Valley Pond (CVP)
<b>NC 4.0m</b>	North Corner of the Cross Valley Pond (CVP), 4.0m below the surface	Cross Valley Pond (CVP)
<b>NC 5.0m</b>	North Corner of the Cross Valley Pond (CVP), 5.0m below the surface	Cross Valley Pond (CVP)
<b>NC 6.0m</b>	North Corner of the Cross Valley Pond (CVP), 6.0m below the surface	Cross Valley Pond (CVP)
<b>NC 7.0m</b>	North Corner of the Cross Valley Pond (CVP), 7.0m below the surface	Cross Valley Pond (CVP)
<b>NC 8.0m</b>	North Corner of the Cross Valley Pond (CVP), 8.0m below the surface	Cross Valley Pond (CVP)
<b>NC 9.0m</b>	North Corner of the Cross Valley Pond (CVP), 9.0m below the surface	Cross Valley Pond (CVP)

2010 Cross Valley Pond Surface Water Sites		
emLine Station Name	emLine Station Description	emLine Station Group
NC 30 0.5m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 0.5m below the surface	Cross Valley Pond (CVP)
NC 30 1.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 1.0m below the surface	Cross Valley Pond (CVP)
NC 30 1.5m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 1.5m below the surface	Cross Valley Pond (CVP)
NC 30 2.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 2.0m below the surface	Cross Valley Pond (CVP)
NC 30 2.5m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 2.5m below the surface	Cross Valley Pond (CVP)
NC 30 3.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 3.0m below the surface	Cross Valley Pond (CVP)
NC 30 3.5m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 3.5m below the surface	Cross Valley Pond (CVP)
NC 30 4.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 4.0m below the surface	Cross Valley Pond (CVP)
NC 30 5.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 5.0m below the surface	Cross Valley Pond (CVP)
NC 30 6.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 6.0m below the surface	Cross Valley Pond (CVP)
NC 30 7.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 7.0m below the surface	Cross Valley Pond (CVP)
NC 30 8.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 8.0m below the surface	Cross Valley Pond (CVP)
NC 30 9.0m	North Corner, 30m from shore, of the Cross Valley Pond (CVP), 9.0m below the surface	Cross Valley Pond (CVP)
SC 0.5m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 0.5m below the surface	Cross Valley Pond (CVP)
SC 1.0m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 1.0m below the surface	Cross Valley Pond (CVP)
SC 2.0m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 2.0m below the surface	Cross Valley Pond (CVP)
SC 2.5m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 2.5m below the surface	Cross Valley Pond (CVP)
SC 3.0m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 3.0m below the surface	Cross Valley Pond (CVP)
SC 4.0m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 4.0m below the surface	Cross Valley Pond (CVP)
SC 5.0m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 5.0m below the surface	Cross Valley Pond (CVP)
SC 6.0m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 6.0m below the surface	Cross Valley Pond (CVP)
SC 8.0m	50m diagonally N of the South Corner of the Cross Valley Pond (CVP), 8.0m below the surface	Cross Valley Pond (CVP)
WC 0.5m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 0.5m below the surface	Cross Valley Pond (CVP)
WC 1.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 1.0m below the surface	Cross Valley Pond (CVP)
WC 1.5m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 1.5m below the surface	Cross Valley Pond (CVP)
WC 2.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 2.0m below the surface	Cross Valley Pond (CVP)
WC 2.5m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 2.5m below the surface	Cross Valley Pond (CVP)
WC 3.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 3.0m below the surface	Cross Valley Pond (CVP)
WC 4.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 4.0m below the surface	Cross Valley Pond (CVP)
WC 5.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 5.0m below the surface	Cross Valley Pond (CVP)
WC 6.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 6.0m below the surface	Cross Valley Pond (CVP)
WC 7.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 7.0m below the surface	Cross Valley Pond (CVP)
WC 8.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 8.0m below the surface	Cross Valley Pond (CVP)
WC 9.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 9.0m below the surface	Cross Valley Pond (CVP)
WC 10.0m	50m diagonally E of the West Corner of the Cross Valley Pond (CVP), 10.0m below the surface	Cross Valley Pond (CVP)



<b>2010 Pit Lakes Surface Water Sites</b>		
<b>emLine Station Name</b>	<b>emLine Station Description</b>	<b>emLine Station Group</b>
<b>FL-1</b>	FL-1 Faro Pit Lake at 1m	Pit Lakes Project
<b>FL-3</b>	FL-3 Faro Pit Lake at 3m	Pit Lakes Project
<b>FL-5</b>	FL-5 Faro Pit Lake at 5m	Pit Lakes Project
<b>FL-15</b>	FL-15 Faro Pit Lake at 15m	Pit Lakes Project
<b>FL-30</b>	FL-30 Faro Pit Lake at 30m	Pit Lakes Project
<b>FL-60</b>	FL-60 Faro Pit Lake at 60m	Pit Lakes Project
<b>FL-80</b>	FL-80 Faro Pit Lake at 80m	Pit Lakes Project
<b>GL-1</b>	GL-1 Grum Pit Lake at 1m	Pit Lakes Project
<b>GL-3</b>	GL-3 Grum Pit Lake at 3m	Pit Lakes Project
<b>GL-5</b>	GL-5 Grum Pit Lake at 5m	Pit Lakes Project
<b>GL-15</b>	GL-15 Grum Pit Lake at 15m	Pit Lakes Project
<b>GL-30</b>	GL-30 Grum Pit Lake at 30m	Pit Lakes Project
<b>GL-40</b>	GL-40 Grum Pit Lake at 40m	Pit Lakes Project
<b>GLS-1</b>	GLS-1 Surface of Grum Lake	Pit Lakes Project
<b>GLS-2</b>	GLS-2 Surface of Grum Lake	Pit Lakes Project
<b>GLS-3</b>	GLS-3 Surface of Grum Lake	Pit Lakes Project
<b>GLS-4</b>	GLS-4 Surface of Grum Lake	Pit Lakes Project
<b>GLS-5</b>	GLS-5 Surface of Grum Lake	Pit Lakes Project
<b>GLS-6</b>	GLS-6 Surface of Grum Lake	Pit Lakes Project
<b>GLS-7</b>	GLS-7 Surface of Grum Lake	Pit Lakes Project
<b>VL-1</b>	VL-1 Vangorda Pit Lake at 1m	Pit Lakes Project
<b>VL-3</b>	VL-3 Vangorda Pit Lake at 3m	Pit Lakes Project
<b>VL-5</b>	VL-5 Vangorda Pit Lake at 5m	Pit Lakes Project
<b>VL-15</b>	VL-15 Vangorda Pit Lake at 15m	Pit Lakes Project
<b>VL-30</b>	VL-30 Vangorda Pit Lake at 30m	Pit Lakes Project
<b>VL-40</b>	VL-40 Vangorda Pit Lake at 40m	Pit Lakes Project





**Table F-8: Faro Mine Complex emLine  
2010 Station Groups**

Care and Maintenance Groundwater - Faro	BH10A	P01-02B	P03-03-4	P03-05-8	P03-08-7	P09-ETA1	S1A	SRK05-SP5	SRK08-SBR4	X17B
	BH10B	P01-03	P03-03-6	P03-06-1	P03-08-8	P09-ETA2	S1B	SRK05-SP6	SRK08-SP7A	X18A
	BH13B	P01-04A	P03-03-8	P03-06-2	P03-09-2	P09-SIS1	S2A	SRK08-P10A	SRK08-SP7B	X18B
	BH14A	P01-04B	P03-03-9	P03-06-3	P03-09-4	P09-SIS2	S2B	SRK08-P11A	SRK08-SP8A	X21-96A
	BH14B	P01-11	P03-04-2	P03-06-4	P03-09-6	P09-SIS3	SRK05-SP1A	SRK08-P11B	SRK08-SP8B	X21-96B
	BH5	P03-01-2	P03-04-4	P03-06-5	P03-09-8	P09-SIS4	SRK05-SP1B	SRK08-P12A	TH86-17	X24-96D
	BH6	P03-01-4	P03-04-6	P03-06-6	P03-09-9	P09-SIS5	SRK05-SP2	SRK08-P12B	TH86-2	X25-96A
	BH8	P03-01-6	P03-04-8	P03-06-7	P05-04	P96-6	SRK05-SP3A	SRK08-P9	TH86-5	X25-96B
	P01-01A	P03-01-8	P03-05-2	P03-08-2	P09-C1	P96-7	SRK05-SP3B	SRK08-SBR1	X16A	
	P01-01B	P03-01-9	P03-05-4	P03-08-4	P09-C2	P96-8A	SRK05-SP4A	SRK08-SBR2	X16B	
P01-02A	P03-03-2	P03-05-6	P03-08-6	P09-C3	P96-8B	SRK05-SP4B	SRK08-SBR3	X17A		
Surface Water - Faro	Eta Combined	FCO	GDHSECK	R10	R8	X10	X2	X3	X4	X5P
	FARO CR	FCS-4	NF2	R7	R9	X14	X22b	X3A	X5	X7
New 2009 Wells (SRK)	P09-C1	P09-C3	P09-ETA2	P09-GS1B	P09-GW3	P09-LCD4	P09-SIS1	P09-SIS3	P09-SIS5	P09-VC2
	P09-C2	P09-ETA1	P09-GS1A	P09-GW1	P09-LCD1	P09-LCD6	P09-SIS2	P09-SIS4	P09-VC1	
Cross Valley Pond (CVP)	EC 0.5m	EC 6.0m	M 4.0m	NC 1.0m	NC 6.0m	NC 30 2.5m	NC 30 9.0m	SC 6.0m	WC 4.0m	
	EC 1.0m	M 0.5m	M 5.0m	NC 1.5m	NC 7.0m	NC 30 3.0m	SC 0.5m	SC 8.0m	WC 5.0m	
	EC 2.0m	M 1.0m	M 6.0m	NC 2.0m	NC 8.0m	NC 30 3.5m	SC 1.0m	WC 0.5m	WC 6.0m	
	EC 2.5m	M 1.5m	M 7.0m	NC 2.5m	NC 9.0m	NC 30 4.0m	SC 2.0m	WC 1.0m	WC 7.0m	
	EC 3.0m	M 2.0m	M 8.0m	NC 3.0m	NC 30 0.5m	NC 30 5.0m	SC 2.5m	WC 1.5m	WC 8.0m	
	EC 3.5m	M 2.5m	M 9.0m	NC 3.5m	NC 30 1.0m	NC 30 6.0m	SC 3.0m	WC 2.0m	WC 9.0m	
	EC 4.0m	M 3.0m	M 10.0m	NC 4.0m	NC 30 1.5m	NC 30 7.0m	SC 4.0m	WC 2.5m	WC 10.0m	
EC 5.0m	M 3.5m	NC 0.5m	NC 5.0m	NC 30 2.0m	NC 30 8.0m	SC 5.0m	WC 3.0m			
Pit Lakes Project	FL-1	FL-15	FL-80	GL-5	GL-40	GLS-3	GLS-6	VL-3	VL-30	
	FL-3	FL-30	GL-1	GL-15	GLS-1	GLS-4	GLS-7	VL-5	VL-40	
	FL-5	FL-60	GL-3	GL-30	GLS-2	GLS-5	VL-1	VL-15		
Care and Maintenance Groundwater - Vangorda/Grum	BH05-9B-R	P09-GW1	P09-LCD4	P09-VC2	P2001-3	SRK05-7	SRK08-P15	V35		
	P09-GS1A	P09-GW3	P09-LCD6	P2001-2A	P96-9A	SRK05-8	SRK08-P16	V36		
	P09-GS1B	P09-LCD1	P09-VC1	P2001-2B	SRK05-5C	SRK08-P14	V34	V37		
Surface Water - Vangorda/Grum	LCD	V2	V23	V25	V27	V4	V8			
	V1	V22	V24	V25BSP	V2A	V5	VAN CLAR POND			
Closure Groundwater	P05-01-1	P05-01-3	P05-01-5	P05-02	SRK04-3A	SRK05-ETA-BR2				
	P05-01-2	P05-01-4	P05-01-6	P05-03	SRK05-ETA-BR1					
Seepage Water - Vangorda/Grum	MOOSE SEEP	V14	V16	V30	V32					
	SRK GD01	V15	V29	V31	V33					
Seepage Water - Faro	A30	SP5-6	X11	X13	NE3					
	FD-40	Weir 3	X12	X23						
Routine Groundwater Faro	SRK08-SPW1	SRK08-SPW3								
	SRK08-SPW2	X26								
New Wells 2010 SRK Vangorda	DH1	DH3	DH5							
	DH2	DH4								
Routine Groundwater - VAN/GRUM	SRK05-9									



2010 emLine Lab Parameters		
emLine Parameter Name	emLine Parameter Description	emLine Storage Unit
Acid(pH4.5)	Acidity (pH 4.5)	mg/L
Acid(pH8.3)	Acidity (pH 8.3)	mg/L
ALK	Alkalinity	mg/L
ALKPP	Alkalinity (PP as CaCO3)	mg/L
Ag	Silver	mg/L
Ag-d	Dissolved Silver	mg/L
Al	Aluminum	mg/L
Al-d	Dissolved Aluminum	mg/L
ALKPP	Alkalinity (PP as CaCO3)	mg/L
As	Arsenic	mg/L
As-d	Dissolved Arsenic	mg/L
B	Boron	mg/L
B-d	Dissolved Boron	mg/L
Ba	Barium	mg/L
Ba-d	Dissolved Barium mg/L □	mg/L
Be	Beryllium	mg/L
Be-d	Dissolved Beryllium	mg/L
Bi	Bismuth	mg/L
Bi-d	Dissolved Bismuth	mg/L
Ca	Calcium	mg/L
Ca-d	Dissolved Calcium	mg/L
CaCO3	Total Hardness (CaCO3)	mg/L
CaCO3-d	Dissolved Hardness (CaCO3)	mg/L
Cd	Cadmium	mg/L
Cd-d	Dissolved Cadmium	mg/L
Chloride	Chloride	mg/L
Chlorophyll a	Chlorophyll a	µg/L
CNTHIO	Cyanide Thio	mg/L
Co	Cobalt	mg/L
Co-d	Dissolved Cobalt	mg/L
CO3	Carbonate	mg/L
Colour	Colour	TCU
COND	Conductivity	µmho/cm
Cr	Chromium	mg/L
Cr-d	Dissolved Chromium	mg/L
Cu	Copper	mg/L
Cu-d	Dissolved Copper	mg/L
D/H	Deuterium, D/H	NA
DOC	DOC	mg/L
Fe	Iron	mg/L
Fe-d	Dissolved Iron	mg/L
Filtered	Filtered	NA
HCO3	HCO3	mg/L
HEPH	Heavy Extractable Petroleum Hydrocarbons	mg/L
Hg	Mercury	mg/L
Hg-d	Mercury:Dissolved	mg/L
Ion Balance	Ion Balance	
K	Potassium	mg/L
K-d	Dissolved Potassium	mg/L
LC50	96-H Median Lethal Concentration	%v/v
LEPH	Light Extractable Petroleum Hydrocarbons	mg/L
Li	Lithium	mg/L
Li-d	Dissolved Lithium (Li)	mg/L
Mg	Magnesium	
Mg-d	Dissolved Magnesium	mg/L
Mn	Manganese	mg/L
Mn-d	Dissolved Manganese	mg/L
Mo	Molybdenum	mg/L
Mo-d	Dissolved Molybdenum	mg/L
Na	Sodium	mg/L
Na-d	Dissolved Sodium	mg/L

2010 emLine Lab Parameters		
emLine Parameter Name	emLine Parameter Description	emLine Storage Unit
NH3	Ammonia as N	mg/L
Ni	Nickel	mg/L
Ni-d	Dissolved Nickel	mg/L
NO2	Nitrite as N	mg/L
NO3	Nitrate as N	mg/L
NO2/3	Nitrite/Nitrate	mg/L
OH	Hydroxide	mg/L
oPO4	ortho PO4	mg/L
O-18/O-16	Oxygen 18	NA
P	Phosphorus - Total	mg/L
Pb	Lead	mg/L
Pb-d	Dissolved Lead	mg/L
pH	lab pH	
S	Sulfur	mg/L
S-d	Dissolved Sulphur (S)	mg/L
Sb	Antimony	mg/L
Sb-d	Dissolved Antimony	mg/L
Se	Selenium	mg/L
Se-d	Dissolved Selenium	mg/L
Si	Silicon	mg/L
Si-d	Dissolved Silicon	mg/L
Sn	Tin	mg/L
Sn-d	Dissolved Tin	mg/L
SO4-d	Sulphate: Dissolved	mg/L
Sr	Strontium	mg/L
Sr-d	Dissolved Strontium	mg/L
Tan&Lig□	Tannins and Lignins	mg/L
TDS	Total dissolved solids	mg/L
TOC	TOC	mg/L
TEMP-F	Temperature - Field	°C
Ti	Titanium	mg/L
Ti-d	Dissolved Titanium	mg/L
Tl	Thallium	mg/L
Tl-d	Dissolved Thallium	mg/L
TSS	Total suspended solids	mg/L
TURB	Turbidity	NTU
U	Uranium	mg/L
U-d	Dissolved Uranium	mg/L
V	Vanadium	mg/L
V-d	Dissolved Vanadium	mg/L
Zn	Zinc	mg/L
Zn-d	Dissolved Zinc	mg/L
Zr	Zirconium	mg/L
Zr-d	Dissolved Zirconium	mg/L

2010 emLine Field Parameters		
emLine Parameter Name	emLine Parameter Description	emLine Storage Unit
pHF	field pH	mg/L
CONDF	Conductivity - Field	µmho/cm
DO	Dissolved Oxygen	mg/L
DO-%	Dissolved Oxygen Percent Sat Field Meas	%
DTB-m	Depth to Bottom from TOC (DTB-m)	m
ELEV	Elevation	m
Field Stick-up	Field Stick-up	m
FLOW	Flow	L/s
Flow - L/min	Flow - L/min	L/min
Flow Taken	Flow Taken	NA
Head(m)	Head in metres	m
Logger Downloaded?	Logger Downloaded?	NA
Oil/Grease?	Oil/Grease?	NA
ORP	Oxidation Reduction Potential	mV
Purge	Purge Volume	L
Purge Rate - L/s	Purge Rate - L/s	L/s
Staff Gauge (m)	Staff Gauge (m)	m
Total Purge	Total Purge	L
TURBF	Turbidity - Field	NTU
Well Volume, Grd	Well Volume, Grd	L
WL-M	Water Level Below Top of Casing in Meters	m
WL-S	Measured Water Elevation	m

