Coeur Alaska - Kensington Gold Mine
Waste Management Permit No. 2013DB0002
2015 Annual Report

Section 1.10.5.1

Estimated volume remaining in TTF for tailings under current stage of dam (stage 2) is 23,605,700 cubic feet. See attached calculation.

Section 1.10.5.2

Summary of Development Rock Sample analysis conducted under Plan of Operations contained in Table 3

Section 1.10.5.3

See attached water balance influence diagram, see updated water balance output, & see attached water balance input file which contains inflow and outflow quantities for the TTF.

Section 1.10.5.4

See attached site development and use plans

Section 1.10.5.5

See attached Table 10 for quantity of tailings disposed in the TTF per month during 2015
See attached Table 11 for quantity of development rock disposed of in surface stockpiles per month during 2015
41,288 tons of development rock was removed from the stockpiles for construction purposes during 2015

Section 1.10.5.6

See attached Table 3 for Development Rock and Tailings Analysis

Section 1.10.6

An annual meeting was conducted on July 7, 2015 in conjunction with the APDES annual meeting

Section 1.10.7

The Kensington Mine Reclamation and Closure plan was updated in 2013 and approved by state and federal agencies at that time. An amendment was approved by ADNR and the Forest Service on June 8, 2015 for the Jualin exploration portal. The current plan and amendment are reflective of the current site conditions.

Section 1.10.8

An updated financial assurance was posted in 2013 to reflect the current reclamation cost estimate. An additional bond in the amount of $684,115 was posted on July 9, 2015 for the reclamation plan amendment that was approved on June 8, 2015. The current cost estimate includes costs to reclaim the current site configuration and includes current contractor and material costs.

Table 3

2013/2014/2015 Development Rock MWMP Results	TDS (mg/L)	pH	NH_3 (mg/L)	Al (ug/L)	Ar (ug/L)	Cd (ug/L)	Cr (ug/L)	Cu (ug/L)	Fe (ug/L)	Pb (ug/L)	Hg (ug/L)	Ni (ug/L)	Se (ug/L)	Ag (ug/L)	Zn (ug/L)	Nitrate as N (mg/L)	Sulfate as SO4 (mg/L)
2013 Development Rock 1st Quarter	91	7.98	0.71	96	ND	ND	ND	1.02	ND	ND	ND	ND	ND	ND	ND	3.76	25.2
2013 Development Rock 2nd Quarter	174	8.42	1.15	314	ND	ND	ND	ND	ND	ND	ND	1.09	ND	ND	ND	13.1	38.8
2013 Development Rock 3rd Quarter	221	7.58	1.00	114	ND	ND	ND	1.36	ND	ND	ND	ND	ND	ND	ND	5.27	97.6
2013 Development Rock 4th Quarter	97	7.45	1.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.28	37.2
2014 Development Rock 1st Quarter	73	7.58	0.9	81.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.37	17.0
2014 Development Rock 2nd Quarter	164	7.65	2.95	ND	ND	ND	ND	1.23	ND	ND	ND	1.00	ND	ND	ND	7.27	64.8
2014 Development Rock 3rd Quarter	ND	7.30	0.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.59	1.7
2014 Development Rock 4th Quarter	80	7.52	1.87	ND	ND	ND	ND	ND	ND	ND	ND	1.71	ND	ND	ND	6.77	7.81
2015 Development Rock 1st Quarter	134	7.58	1.09	ND	ND	ND	ND	2.31	ND	ND	ND	1.00	ND	ND	ND	7.76	43.9
2015 Development Rock 2nd Quarter	71	7.88	1.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.22	4.19
2015 Development Rock 3rd Quarter	48	7.66	0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.28	ND
2015 Development Rock 4th Quarter	48	7.48	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

2013/2014/2015 Development Rock ABA Results	*Sulfur, Total*	*Sulfur Forms (Acid Extractable and Non-extractable Sulfur) 3.2.6*			*Acid Potential*	*Neutralization Potential*	*Acid - Base Accounting*
	3.2.4	*Sulfate*	*Pyritic*	*Non-extractable*	*1.3.1*	*3.2.3*	*1.3.1*
	wt%	*wt%*	*wt%*	*wt%*	*t CaCO3/1000t*	*t CaCO3/1000t*	*t CaCO3/1000t*
2013 Development Rock 1st Quarter	0.15	ND	0.16	0.16	4.9	39.2	34.3
2013 Development Rock 2nd Quarter	0.03	0.03	ND	ND	ND	85.9	85.9
2013 Development Rock 3rd Quarter	0.04	0.02	0.02	ND	0.5	9.3	8.8
2013 Development Rock 4th Quarter	0.15	0.07	0.09	ND	2.7	91.2	88.5
2014 Development Rock 1st Quarter	0.03	0.03	ND	ND	ND	78.4	78.4
2014 Development Rock 2nd Quarter	0.17	0.03	0.14	ND	4.4	71.1	66.7
2014 Development Rock 3rd Quarter	0.02	0.02	ND	ND	ND	65.3	65.3
2014 Development Rock 4th Quarter	0.07	0.04	0.03	ND	0.8	65	64.2
2015 Development Rock 1st Quarter	0.115	0.07	0.05	ND	1.4	115	113.6
2015 Development Rock 2nd Quarter	0.15	0.06	0.09	ND	2.9	96.1	93.2
2015 Development Rock 3rdQuarter	0.09	0.07	0.02	ND	0.6	71.9	71.3
2015 Development Rock 4th Quarter	0.08	0.04	0.03	ND	1.1	111	109.9

2013/2014/2015 Tails MWMP Results	TDS (mg/L)	pH	NH_3 (mg/L)	Al (ug/L)	Ar (ug/L)	Cd (ug/L)	Cr (ug/L)	Cu (ug/L)	Fe (ug/L)	Pb (ug/L)	Hg (ug/L)	Ni (ug/L)	Se (ug/L)	Ag (ug/L)	Zn (ug/L)	Nitrate as N (mg/L)	Sulfate as SO4 (mg/L)
2013 Tails 1st Quarter	2380	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.3	ND	ND	ND	5.26	1580
2013 Tails 2ndQuarter	1720	7.84	0.52	489	ND	ND	ND	1.07	ND	ND	ND	16.2	31.8	ND	ND	ND	1240
2013 Tails 3rd Quarter	1700	7.53	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.11	1120
2013 Tails 4th Quarter	2440	7.52	0.14	ND	ND	ND	ND	ND	ND	ND	ND	16.3	ND	ND	ND	4.50	1690
2014 Tails 1st Quarter	2360	7.44	9.53	ND	ND	ND	ND	ND	ND	ND	ND	21.2	ND	ND	ND	5.47	1710
2014 Tails 2nd Quarter	316	7.92	1.16	ND	ND	ND	ND	ND	ND	ND	ND	2.46	ND	ND	ND	ND	190
2014 Tails 3rd Quarter	891	7.87	0.47	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	11.00	543
2014 Tails 4th Quarter	1240	7.72	1.72	ND	ND	ND	ND	ND	ND	ND	ND	0.81	ND	ND	ND	4.98	829
2015 Tails 1st Quarter	1160	7.78	2.67	ND	ND	ND	ND	ND	ND	ND	ND	7.00	ND	ND	ND	7.58	698
2015 Tails 2ndQuarter	1560	7.99	1.26	ND	ND	ND	ND	ND	ND	ND	ND	13.20	ND	ND	ND	3.36	1030
2015 Tails 3rd Quarter	947	7.78	2.43	ND	ND	ND	ND	ND	ND	ND	ND	6.60	ND	ND	ND	3.85	577
2015 Tails 4th Quarter	567	7.74	2.76	ND	ND	ND	2.3	ND	ND	ND	ND	3.40	ND	ND	ND	3.79	337

2013/2014/2015 Tails ABA Results	*Sulfur, Total*	*Sulfur Forms (Acid Extractable and Non-extractable Sulfur) 3.2.6*			*Acid Potential*	*Neutralization Potential*	*Acid - Base Accounting*
	3.2.4	*Sulfate*	*Pyritic*	*Non-extractable*	*1.3.1*	*3.2.3*	*1.3.1*
	wt%	*wt%*	*wt%*	*wt%*	*t CaCO3/1000t*	*t CaCO3/1000t*	*t CaCO3/1000t*
2013 Tails 1st Quarter	0.16	0.14	0.02	0.02	0.5	110	110
2013 Tails 2ndQuarter	0.54	0.24	0.3	ND	9.3	88.9	79.7
2013 Tails 3rd Quarter	0.09	0.08	0.01	ND	0.3	115	115
2013 Tails 4th Quarter	0.22	0.18	0.03	ND	1.1	121	120
2014 Tails 1st Quarter	0.14	0.14	ND	ND	ND	120	120
2014 Tails 2nd Quarter	0.05	0.05	ND	ND	ND	93.5	93.5
2014 Tails 3rd Quarter	0.05	0.05	ND	ND	ND	116	116
2014 Tails 4th Quarter	0.18	0.11	0.07	ND	2.2	95.6	93.3
2015 Tails 1st Quarter	0.11	0.05	0.05	ND	1.7	103	101.3
2015 Tails 2nd Quarter	0.07	0.06	0.01	ND	0.4	123	122.6
2015 Tails 3rd Quarter	0.13	0.09	0.04	ND	1.3	111	109.7
2015 Tails 4th Quarter	0.26	0.09	0.17	ND	5.3	104	98.7

Table 10
Tailings Disposed of in TTF (2015)
Tons per Month
Waste Management Permit - Section 1.10.10.5

Month	Tailings (Tons)
January	31,111
February	26,757
March	29,005
April	30,472
May	29,778
June	28,190
July	25,243
August	25,926
September	28,786
October	34,958
November	31,082
December	27,151

Note: Analytical results conducted on tailings in 2015 are contained in Table 3

Table 11
Development Rock Disposed of in Surface Stockpiles (2015)
Tons per Month
Waste Management Permit - Section 1.10.10.5

Month	Development Rock (Tons)
January	22,556
February	18,574
March	19,217
April	15,619
May	13,012
June	22,063
July	14,249
August	9,911
September	19,317
October	18,059
November	14,761
December	17,813

Note: Analytical results conducted on development rock in 2015 are contained in Table 3

Waste Management Permit

Section 1.10.5.1

Estimate of Volume remaining in TTF

ESTIMATED TAILS STORAGE VOLUME REMAINING IN TTF STAGE 2

BY: E. COFFLAND
DATE: FEB 8, 2016

- MAXIMUM TAILS LEVEL FOR STAGE 2 = 684' (ATTACHED KP FIGURES 2.9 & 4.1) EQUATING TO 63,000,000 CF OF STORAGE.
- AS OF 12/31/15 WE HAD PUMPED 1,829,366 TONS
- AVERAGE DENSITY USING 6 MEASUREMENTS (SEE ATTACHED ESTIMATED IN-PLACE TAILS DENSITY CALCULATION). 92.9 #/CF (SEE PAGE 2 OF 5)

VOLUME OF TAILS AS OF 12/31/15 $= \dfrac{(1{,}829{,}366\ \text{TON})(2000\ \#/\text{TON})}{92.9\ \#/\text{FT}^3} = 39{,}394{,}300\ \text{FT}^3$

ESTIMATED AVAILABLE VOLUME IN STAGE 2 = 63,000,000 CF − 39,394,300 CF

= 23,605,700 CF.

Tailing Treatment Facility (TTF)
Estimated in-place tails density

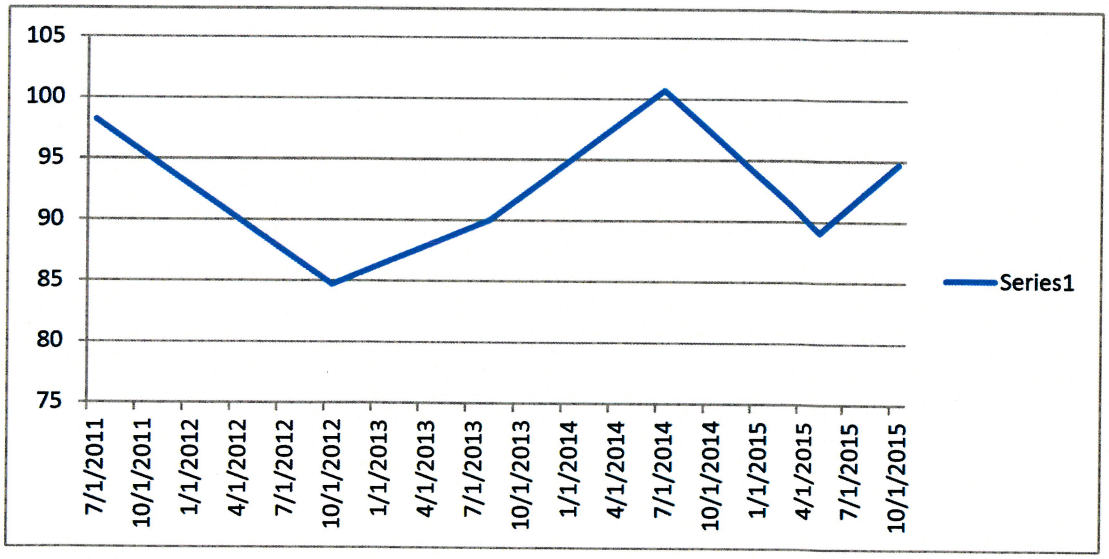
By: E Coffland,
2/8/2016

Survey conducted on 10/31/15 by
Coeur survey crew

period	dst placed	measured total volume,cy	density, pcf
6/24/10-12/31/10	172858		
1/1/11-12/31/11	405118		
1/1/12-12/31/12	281506		
1/1/13-12/31/13	325003		
1/1/14-12/31/14	302414		
1/1/15-10/31/15	288695	1388547	bath survey, 10/31/15
11/1/15-12/31/15	54272		vol. calc. by Golder
	1829866		dst from mill reports

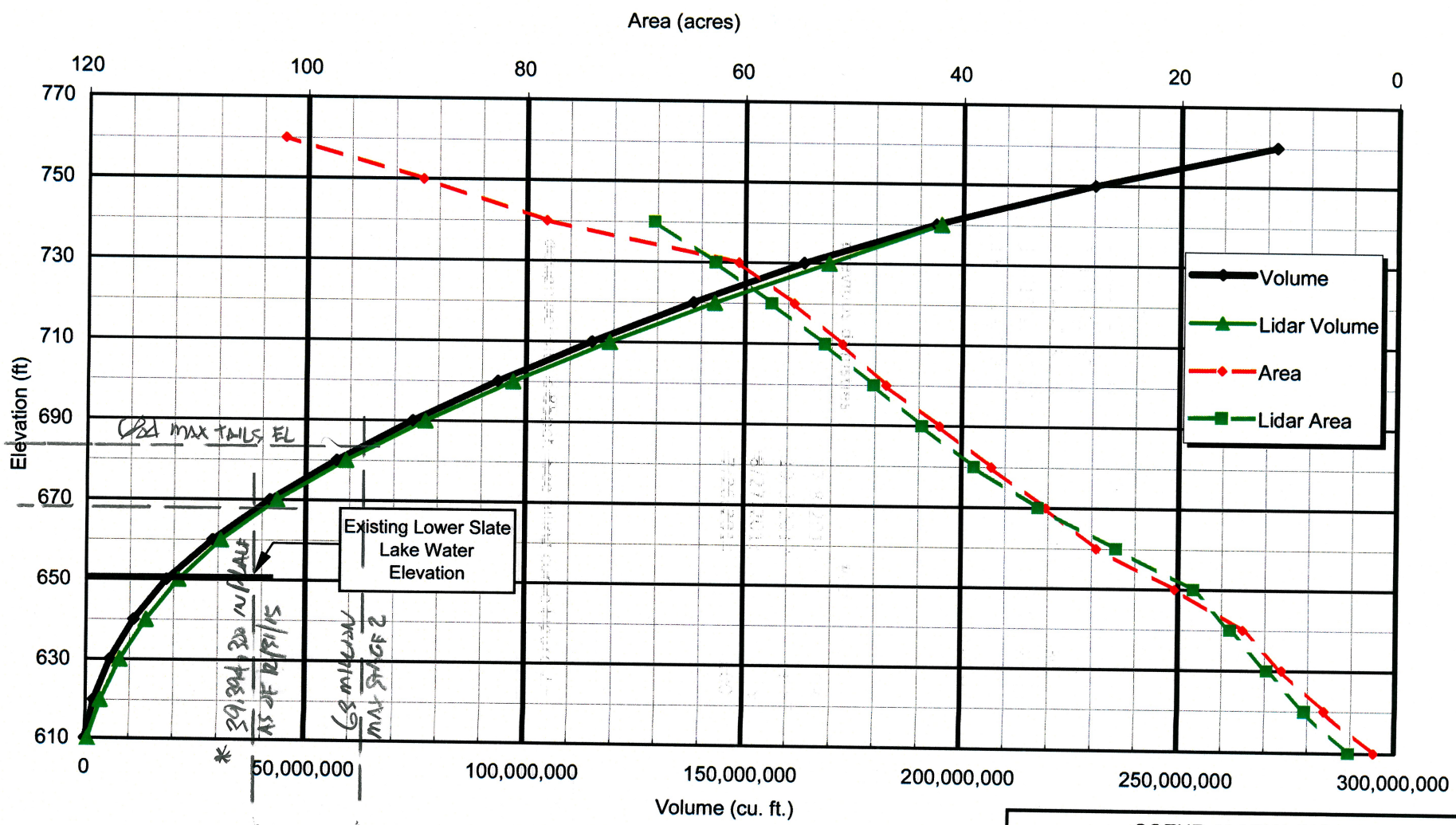
previous denisties	#/cf		
7/8/2011	98.2		
10/3/2012	84.7		
8/27/2013	90		
7/26/2014	100.7		
5/25/2015	89.1		
10/31/2015	94.7	92.9	average of all six densities

design density is 85pcf. See filling curve Figure 2.9



M:\101/20/5/A/Report\2\dac_R0.xls Fig 1

Print Date:2/8/2006 10:09 AM



23,605,700 CF REMAINING

* BASED ON AVERAGE IN-PLACE DENSITY 92.9 #/CF

Rev 0 - Issued For Report

COEUR ALASKA INC.

KENSINGTON PROJECT

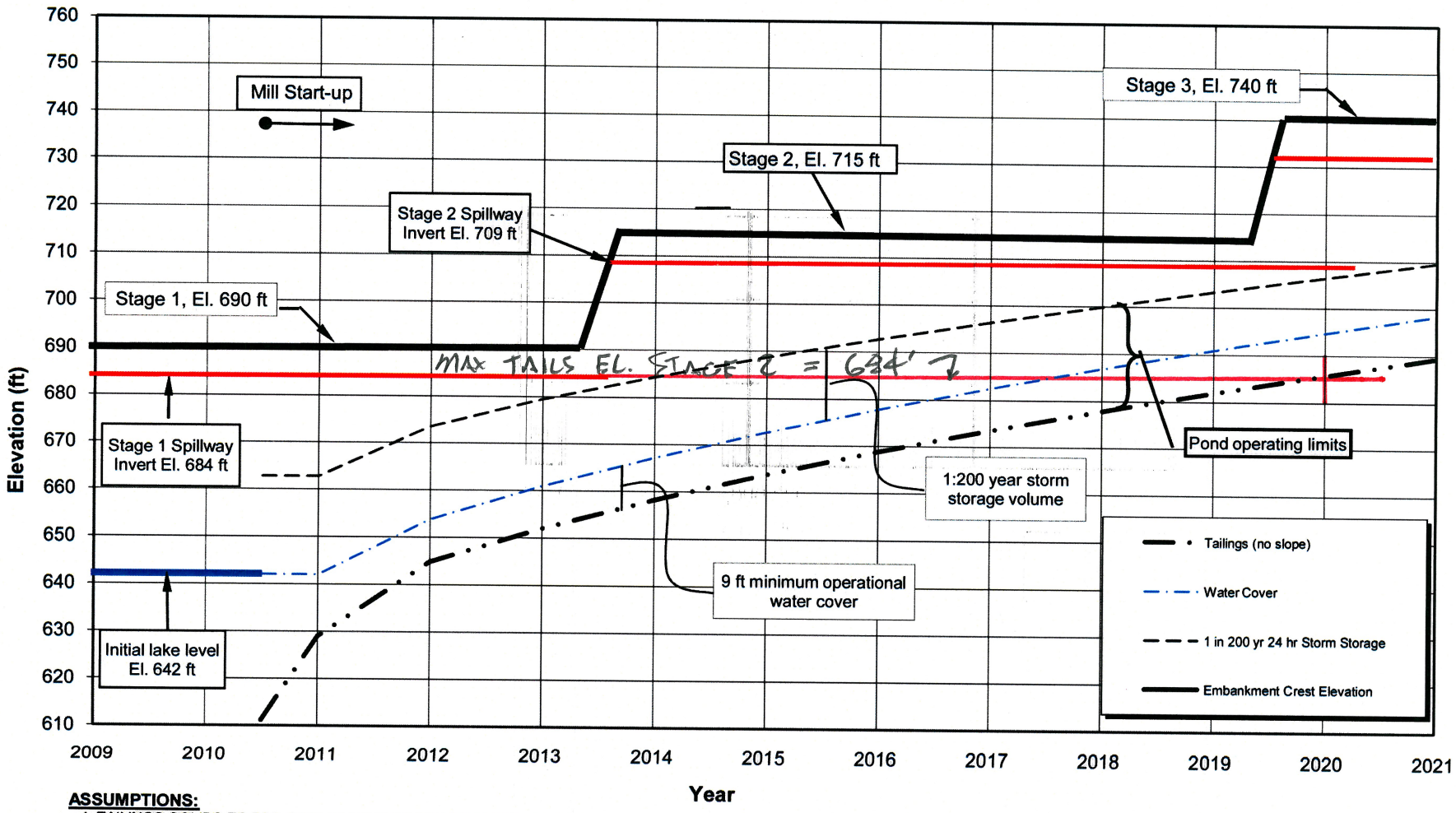
LOWER SLATE LAKE
TAILINGS TREATMENT FACILITY
DEPTH/AREA/CAPACITY RELATIONSHIP

Knight Piésold CONSULTING

PROJECT	REF.	REV.
101-20/5	2	0

FIGURE 4.1

PAGE 3 OF 4



ASSUMPTIONS:

1. TAILINGS SOLIDS TO TTF FROM COEUR PRODUCTION SCHEDULE
   - MILL START UP TO JULY 1, 2011=1,202 tpd
   - JULY 1, 2011 - EOM = 770 tpd.
2. AVERAGE DRY DENSITY OF 85 pcf USED FOR OPERATIONS
3. 9 ft. MINIMUM WATER COVER ASSUMED.
4. IMPOUNDMENT INCLUDES FOR STORAGE OF THE 1:200 EVENT, WHICH CORRESPONDS TO VOLUME OF 25 MILLION ft³ (574 ACRE-FEET).
5. SIX FEET FREEBOARD ALLOWANCE FROM SPILLWAY INVERT ELEVATION TO CREST FOR STAGES 1 AND 2 AND LATER INCREASING TO 8 FEET FOR STAGE 3

REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D
0	27JUL'10	ISSUED WITH REPORT	BB	JPH	JPH

COEUR ALASKA INC

KENSINGTON PROJECT

TAILINGS TREATMENT FACILITY
CURRENT MINE PLAN
FILLING SCHEDULE AND STAGED CONSTRUCTION

Knight Piésold CONSULTING

P/A NO. VA101-20/17

REF. NO. 3

FIGURE 2.9

REV 0

PAGE 4 OF 4

Waste Management Permit

Section 1.10.5.3

Water Balance Information: Water Balance Influence Diagram, Water Balance Output File, & Water Balance Input File

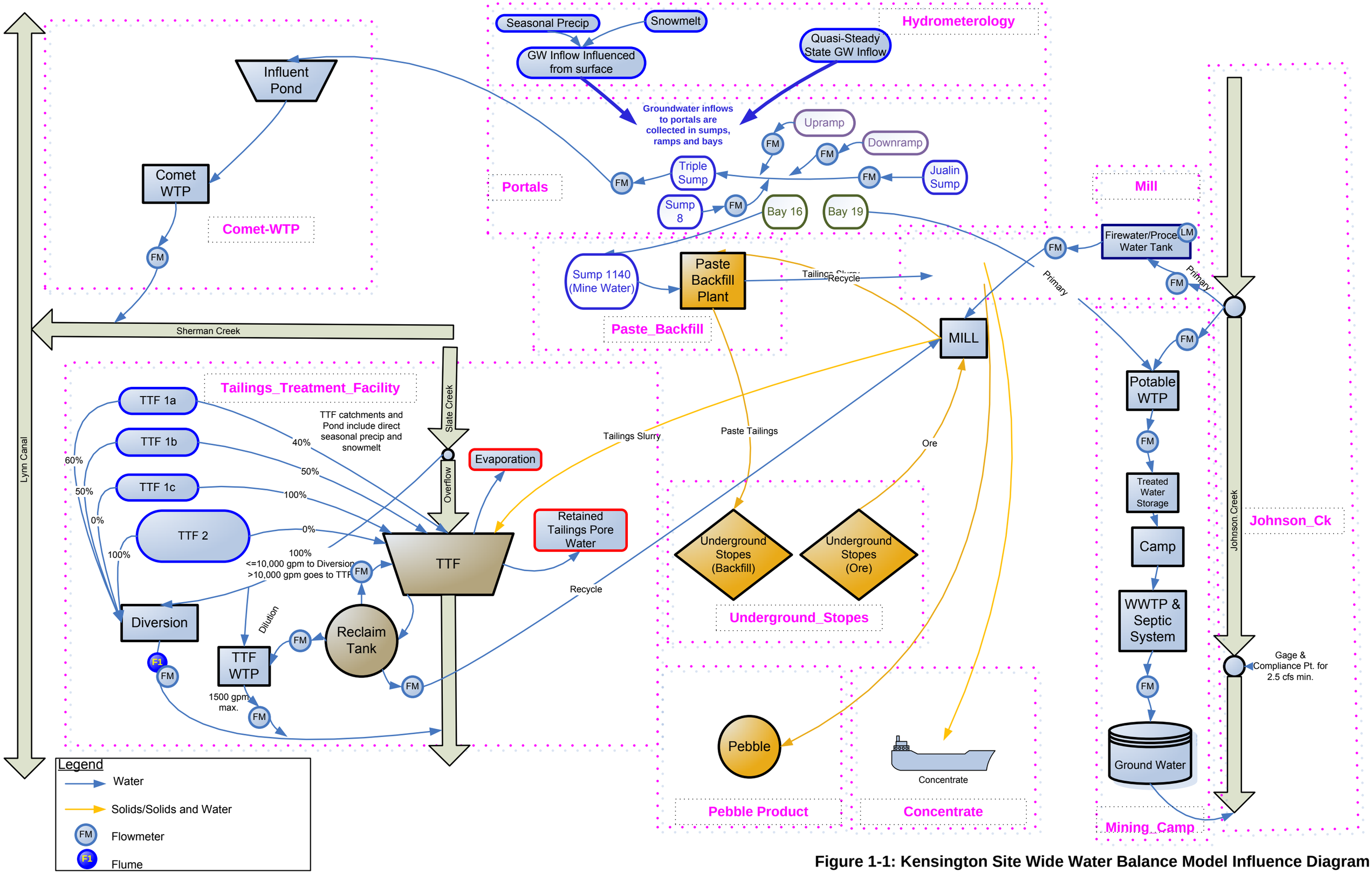
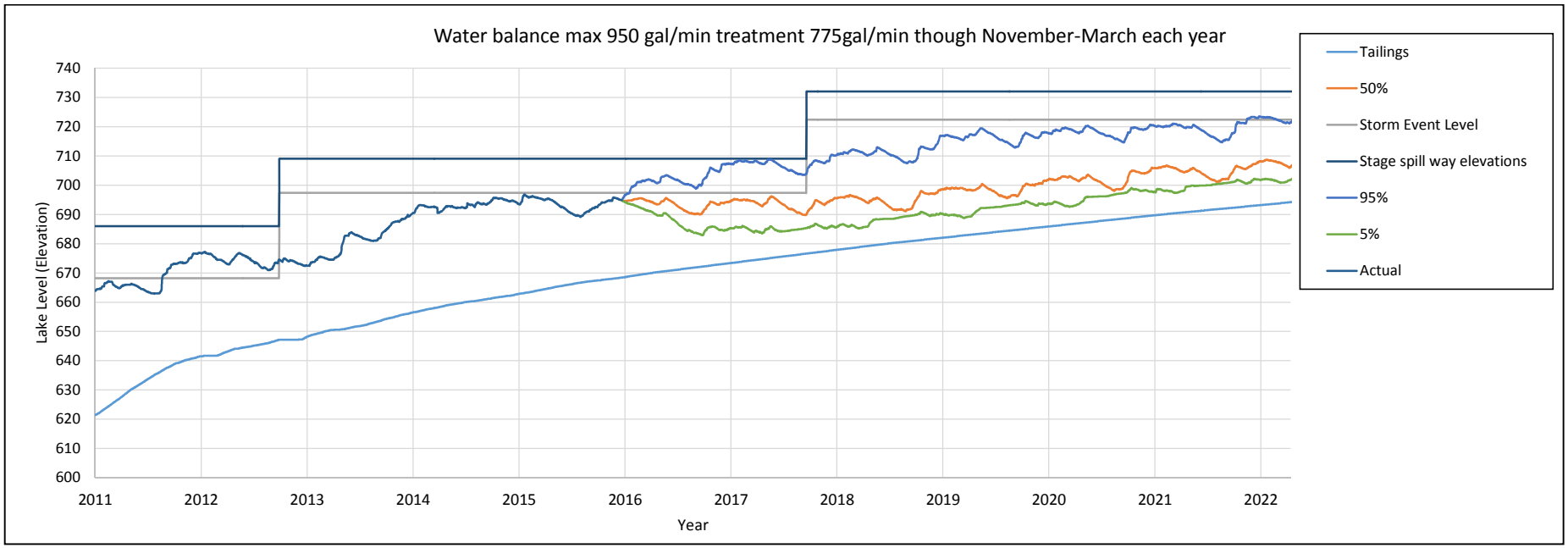


Figure 1-1: Kensington Site Wide Water Balance Model Influence Diagram


Water balance max 950 gal/min treatment 775gal/min though November-March each year
Lake Level (Elevation)
740
730
720
710
700
690
680
670
660
650
640
630
620
610
600
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
Year
Tailings
50%
Storm Event Level
Stage spill way elevations
95%
5%
Actual

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
12/1/2012	48.49	2%	9%	55%	0%	100%	0%	1418	29	1282	0.00	-999	1062.0181	673.35	41445	159.94445	166.6667	-12.015	645.9699301	-999	107	0	-999	-999	0.019444
12/2/2012	31.99	2%	8%	55%	0%	96%	4%	1561	30.9	1530.1	0.00	-999	1038.5908	673.3	52288	215.87778	233.3333	-11.095	723.420979	-999	0	0	-999	-999	0
12/3/2012	30.62	2%	9%	55%	0%	96%	4%	1599	39.1	1559.9	0.00	-999	931.68028	673.2	41439	221.787	2535.065	-9.4325	640.9216783	-999	0	0	-999	-999	0.831169
12/4/2012	31.37	1%	7%	55%	0%	95%	5%	1369	26.3	1342.7	0.00	-999	955.19231	673.2	44740	255.94336	3160.177	-8.2165	611.6769231	-999	0	0	-999	-999	2.838938
12/5/2012	28.01	3%	8%	55%	0%	100%	0%	612	22.5	589.5	0.00	-999	969.57183	673.2	48572	138.77701	3247.126	-5.947	713.158042	-999	0	0	-999	-999	3.211494
12/6/2012	26.61	2%	9%	55%	0%	98%	2%	1603	52.4	1550.6	0.00	-999	851.55563	673.15	53440	180.28	6412.5	-6.407	615.8671329	-999	0	0	-999	-999	98.43333
12/7/2012	28.13	2%	10%	55%	0%	96%	4%	1599	56.6	1542.4	0.00	-999	860.56312	673.15	68880	256.28235	6062.092	-6.168	682.1902098	-999	0	0	-999	-999	7.864706
12/8/2012	30.05	3%	11%	55%	0%	95%	5%	1586	49	1537	0.00	-999	806.65986	673.1	59652	167.84444	3434.722	-2.021	662.5111888	-999	0	0	-999	-999	6.110417
12/9/2012	33.01	2%	11%	55%	0%	95%	5%	1491	57.1	1433.9	8.64	-999	723.7	673.1	64861	207.44691	193.8272	0.5675	760.1853147	-999	0	0	-999	-999	6.434568
12/10/2012	34.00	2%	8%	55%	0%	99%	1%	1632	53.6	1578.4	12.95	-999	718.32558	673.1	64409	197.11111	145.1389	-0.491	578.013986	-999	0	0	-999	-999	6.286111
12/11/2012	32.83	2%	9%	55%	0%	100%	0%	1511	70.7	1440.3	1.02	-999	934.23566	673.1	38461	204.43077	135.0427	-1.7825	737.9671329	-999	0	0	-999	-999	5.74359
12/12/2012	32.91	9%	8%	55%	25%	100%	0%	1269	34.4	1234.6	0.00	-999	1172.5302	673.1	11980	201.65556	247.9167	0.8565	585.4559441	-999	0	90951.8993	-999	-999	42.57778
12/13/2012	35.16	2%	8%	55%	24%	100%	0%	1005	42.1	962.9	10.92	-999	1143.9543	673	11183	198.57486	183.0601	0.5845	646.0699301	-999	0	30998.6459	-999	-999	38.46995
12/14/2012	29.11	3%	8%	55%	24%	98%	2%	1591	41.9	1549.1	2.79	-999	1131.8582	673	12800	222.15285	215.4472	0.2955	672.2706294	-999	0	65517.7951	-999	-999	7.326829
12/15/2012	26.82	2%	8%	55%	22%	98%	2%	1426	29.3	1396.7	11.68	-999	1201.2373	672.9	22172	184.08889	252.7778	-3.7035	600.6517483	-999	0	82741.7975	-999	-999	6.466667
12/16/2012	25.94	2%	8%	55%	23%	100%	0%	1418	71.3	1346.7	0.00	-999	1033.9692	672.9	9850	199.5972	364.3357	-9.727	606.5251748	-999	0	34697.9748	-999	-999	5.913287
12/17/2012	23.06	2%	9%	55%	26%	100%	0%	1597	43.2	1553.8	0.00	-999	1103.7301	672.85	15072	198.31172	297.931	-10.038	554.4643357	-999	0	109021.114	-999	-999	4.126897
12/18/2012	22.83	2%	10%	55%	27%	100%	0%	1273	23.1	1249.9	0.00	-999	1082.5064	672.7	19105	181.32093	175.969	-5.2975	567.2734266	-999	0	20170.1618	-999	-999	92.22636
12/19/2012	21.48	3%	8%	55%	0%	0%	100%	1588	76.6	1511.4	0.00	-999	1103.7585	672.7	30124	182.41173	127.7778	-7.5555	715.3657343	-999	0	0	-999	-999	0
12/20/2012	22.94	3%	7%	55%	0%	0%	100%	1589	36.9	1552.1	0.00	-999	1094.0238	672.7	45744	180.16016	58.53659	-9.208	587.4629371	-999	0	0	-999	-999	3.219512
12/21/2012	21.64	3%	6%	55%	0%	0%	100%	1592	126.7	1465.3	0.00	-999	1088.7538	672.7	61674	202.52275	158.2011	-12.11	594.3629371	-999	0	0	-999	-999	0
12/22/2012	19.83	2%	6%	55%	0%	0%	100%	1600	85.7	1514.3	0.00	-999	1157.1104	672.65	48257	253.37714	356.1905	-11.245	733.9643357	-999	0	0	-999	-999	0
12/23/2012	25.65	2%	6%	55%	0%	0%	100%	1599	57.7	1541.3	0.00	-999	1099.4761	672.6	57741	195.50964	464.4445	-9.4	658.8762238	-999	0	0	-999	-999	0
12/24/2012	24.78	2%	6%	55%	0%	0%	100%	1593	48.1	1544.9	0.00	-999	1125.7552	672.55	37160	193.58264	1120.833	-8.284	865.8097902	-999	0	0	-999	-999	0
12/25/2012	22.78	3%	7%	55%	0%	0%	100%	1583	45.8	1537.2	0.00	-999	1065.3972	672.55	76322	142.30782	629.5652	-7.919	605.2405594	-999	0	0	-999	-999	0
12/26/2012	35.53	2%	8%	55%	0%	0%	100%	1605	40.1	1564.9	0.00	-999	781.63542	672.45	51975	279.31431	161.039	-6.368	788.9979021	-999	0	0	-999	-999	106.0779
12/27/2012	34.10	2%	10%	55%	0%	0%	100%	1598	39.2	1558.8	0.00	-999	823.74097	672.4	48389	204.4606	472.1212	-2.1285	647.5818182	-999	0	0	-999	-999	3.476363
12/28/2012	25.70	3%	9%	55%	0%	0%	100%	1579	32.7	1546.3	0.00	-999	869.19514	672.35	68438	201.62133	273.0171	-0.214	653.8944056	-999	0	0	-999	-999	9.866667
12/29/2012	26.73	3%	10%	55%	0%	0%	100%	1579	42.4	1536.6	3.30	-999	818.64028	672.4	48836	210.93333	273.0171	1.127	694.4622378	-999	0	0	-999	-999	10.25128
12/30/2012	26.12	3%	10%	55%	0%	0%	100%	1554	43	1511	44.96	-999	849.82517	672.4	72071	210.38841	73.91304	1.396	653.0300699	-999	0	0	-999	-999	11.15652
12/31/2012	29.40	3%	8%	55%	0%	0%	100%	1592	47.3	1544.7	24.89	-999	869.58592	672.5	48515	214.32558	490.6977	2.5705	639.4818182	-999	0	0	-999	-999	36.8031
1/1/2013	4.18	3%	8%	55%	0%	0%	100%	1594	34.8	1465.2	44.96	-999	475.33333	672.55	34775	253.46899	775.969	1.1485	657.413986	-999	94	0	-999	-999	87.43256
1/2/2013	4.90	3%	8%	55%	0%	0%	100%	1592	38.1	1438.9	24.89	-999	541.22986	672.6	8210	140.42531	596.9136	2.0835	612.2381944	-999	115	0	-999	-999	11.20494
1/3/2013	4.05	3%	7%	55%	0%	0%	100%	1590	41.7	1491.3	27.69	-999	404.51389	672.6	8055	227.87692	607.0513	0.4035	623.65625	-999	57	0	-999	-999	11.40769
1/4/2013	3.75	2%	7%	55%	0%	0%	100%	1119	21.7	1072.3	0.76	-999	536.04236	672.55	8887	213.40142	617.0213	-1.508	596.7173611	-999	25	0	-999	-999	12.07376
1/5/2013	3.58	3%	7%	55%	0%	0%	100%	1592	50.8	1461.2	1.78	-999	458.41806	672.55	9204	212.55556	602.0833	-1.158	649.7451389	-999	80	0	-999	-999	84.18333
1/6/2013	3.43	3%	8%	55%	0%	0%	100%	1596	41.6	1482.4	3.81	-999	406.84444	672.55	9029	204.77778	479.8611	-0.749	684.825	-999	72	0	-999	-999	9.822222
1/7/2013	3.30	2%	10%	55%	0%	0%	100%	1607	40.8	1490.2	5.08	-999	388.45486	672.55	22991	193.41333	350	0.054	593.9993056	-999	76	0	-999	-999	12.66667
1/8/2013	3.20	3%	12%	55%	0%	0%	100%	1427	24.1	1328.9	0.00	-999	520.51806	672.55	21661	261.88613	220.438	-0.2355	651.4770833	-999	74	0	-999	-999	11.50365
1/9/2013	3.05	0%	0%	0%	0%	0%	100%	0	0	0	8.13	-999	431.69792	672.5	9483	152.04915	154.2662	-2.401	592.2402778	-999	0	0	-999	-999	12.13106
1/10/2013	3.01	3%	12%	55%	0%	0%	100%	645	8.5	610.5	2.54	-999	494.81111	672.5	47068	81.787586	58.62069	-4.1625	603.6548611	-999	26	0	-999	-999	7.771034
1/11/2013	2.78	3%	12%	55%	0%	0%	100%	1583	44.5	1477.5	0.25	-999	495.65556	672.5	75615	181.2683	20.73171	-5.6455	560.6326389	-999	61	0	-999	-999	74.7122
1/12/2013	2.73	3%	11%	55%	0%	0%	100%	1441	33.4	1322.6	0.00	-999	521.03333	672.45	80404	191.39047	21.08843	-2.92	475.3125	-999	85	0	-999	-999	10.94966
1/13/2013	2.87	3%	11%	55%	0%	0%	100%	1596	40.1	1490.9	0.00	-999	437.81944	672.4	68903	195.6	27.77778	-1.196	527.725	-999	65	0	-999	-999	11.56111
1/14/2013	8.89	3%	11%	55%	0%	0%	100%	1523	33.4	1413.6	0.00	-999	438.33611	672.55	65124	200.74749	328.1853	1.065	599.0930556	-999	76	0	-999	-999	12.24093
1/15/2013	18.76	4%	12%	55%	24%	63%	37%	1578	46.7	1466.3	0.00	-999	408.4875	672.95	43145	245.10075	747.3684	3.1455	546.8840278	-999	65	76583.1835	127	-999	200.2105
1/16/2013	17.67	3%	12%	55%	25%	74%	26%	1605	39.6	1458.4	0.00	-999	398.58333	673.1	23002	155.24107	801.7857	1.713	531.9826389	-999	107	96924.8939	169	-999	87.97381
1/17/2013	18.01	3%	11%	55%	23%	47%	53%	1607	46.9	1442.1	0.00	-999	429.64583	673.15	11670	225.73551	901.4493	0.2845	547.14375	-999	118	56895.1084	98	-999	59.21159
1/18/2013	14.49	3%	8%	55%	22%	12%	88%	1594	72.2	1455.8	0.00	-999	603.30556	673.6	11493	218.72821	3048.077	0.9	536.7513889	-999	66	13638.6099	24	-999	70.63333
1/19/2013	11.73	3%	8%	55%	22%	69%	31%	1604	48.9	1473.1	0.00	-999	639.53056	673.6	12922	185.50922	4198.582	-1.0715	592.1625	-999	82	79232.997	152	-999	93.05248
1/20/2013	10.62	3%	8%	55%	25%	75%	25%	1623	45.2	1447.8	0.00	-999	637.22222	673.6	10075	189.62133	83.33333	-3.808	548.8611111	-999	130	94885.5267	166	-999	10.61867
1/21/2013	10.93	2%	9%	55%	25%	61%	39%	1620	42.9	1475.1	0.25	-999	583.43472	673.65	13207	252.82844	91.55556	-2.097	573.1423611	-999	102	79080.1102	128	-999	10.62756
1/22/2013	10.13	2%	8%	55%	25%	67%	33%	1613	39.7	1523.3	5.59	-999	622.06667	673.65	11869	183.37589	99.29078	0.6315	557.2506944	-999	50	91631.5159	139	-999	88.91064
1/23/2013	11.58	3%	8%	55%	25%	23%	77%	1565	43.1	1474.9	10.92	-999	533.35694	673.7	9678	107.9027	93.91892	1.434	624.5208333	-999	47	29995.68	56	-999	8.678378
1/24/2013	10.68	3%	8%	55%	24%	59%	41%	1701	32.7	1614.3	5.08	-999	693.18958	673.7	10590	287.46117	90.03436	0.5405	691.7590278	-999	54	81122.0665	134	-999	39.98351
1/25/2013	9.91	3%	7%	55%	24%	69%	31%	1704	39.8	1595.2	10.67	-999	684.96042	673.75	12041	213.6	92.10526	0.9085	650.5	-999	69	91859.3936	160	-999	11.41579
1/26/2013	9.78	3%	8%	55%	24%	70%	30%	1691	38	1557	1.27	-999	677.97222	673.8	10676	187.38551	86.95652	1.205	591.8993056	-999	96	92864.3571	160	-999	91.21739
1/27/2013	8.69	1%	8%	55%	24%	68%	32%	1740	36.3	1608.7	4.06	-999	693.87778	673.8	7235	206.67042	18.30986	-0.312	618.8513889	-999	95	94031.5878	167	-999	10.42817
1/28/2013	7.57	2%	8%	55%	24%	38%	62%	1718	36.1	1578.9	4.06	-999	660.23889	673.8	12312	219.09827	148.5549	-9.0855	188.3465278	-999	103	50906.5165	99	-999	71.61156
1/29/2013	7.29	2%	7%	55%	23%	60%	40%	1687	40	1545	1.78	-999	699.04444	673.8	12579	224.41026	1026.496	-17.13	409.9284722	-999	102	75028.7597	140	-999	0
1/30/2013	6.62	2%	7%	55%	27%	23%	77%	1721	64.3	1583.7	0.00	-999	607.45833	673.8	12740	204.31111	5799.306	-13.215	700.0868056	-999	73	35397.6433	57	-999	11.00278
1/31/2013	6.36	2%	8%	55%	24%	67%	33%	1724	41.6	1601.4	3.81	-999	628.64444	673.8	10176	148.71273	1295.758	-5.2985	616.6979167	-999	81	91332.405	161	-999	11.87394
2/1/2013	7.11	2%	8%	55%	24%	55%	45%	1636	43.4	1523.6	9.14	-999	657.08333	673.8	38706	203.85185	498.5185	-0.0295	1010.423077	-999	69	70557.2708	123	-999	87.46963
2/2/2013	12.75	2%	7%	55%	31%	50%	50%	1634	43.5	1518.5	2.54	-999	971.025	674.05	25526	194.52517	1492.517	1.062	1051.914685	-999	72	84263.2885	181	-999	10.97415
2/3/2013	15.55	3%	7%	55%	21%	71%	29%	1629	36.5	1537.5	11.18	-999	296.675	674.3	27781	196.56171	4168.085	1.8895	1614.846853	-999	55	79931.7915	78	-999	109.2851
2/4/2013	12.13	5%	7%	55%	59%	13%	87%	1327	41.8	1261.2	23.37	-999	758.96944	674.4	35656	200.6314	3511.877	1.083	1262.907692	-999	24	34475.734	109	-999	107.3624
2/5/2013	11.10	3%	9%	55%	18%	25%	75%	1580	38.9	1495.1	27.18	-999	715.77778	674.5	81521	253.5914	1597.849	-1.678	773.4447552	-999	46	24619.5806	55	-999	8.639427
2/6/2013	10.36	2%	8%	55%	24%	73%	27%	1645	45.3	1497.7	0.76	-999	523.38611	674.45	20322	150.27345	835.5932	-0.428	716.8678322	-999	102	94552.8101	165	-999	45.63051
2/7/2013	9.60	2%	8%	55%	24%	73%	27%	1647	54.2	1501.8	0.00	-999	560.03889	674.4	32136	198.78291	590.5983	-0.515	697.8097902	-999	91	92745.8214	165	-999	39.48205
2/8/2013	9.17	2%	7%	55%	26%	14%	86%	1560	43.8	1460.2	0.00	-999	651.36944	674.45	102995	193.52381	545.2381	0.1525	572.8958042	-999	56	19221.0905	36	-999	0
2/9/2013	10.23	2%	7%	55%	25%	61%	39%	1609	55.9	1461.1	11.68	-999	506.63333	674.5	58548	208.15556	654.8611	0.7495	564.6202797	-999	92	78497.5135	138	-999	102.2417
2/10/2013	19.85	3%	7%	55%	27%	41%	59%	1520	45.4	1404.6	21.59	-999	509.68333	674.9	51530	190.08889	2239.583	1.918	709.9783217	-999	70	55794.3919	93	-999	151.8167
2/11/2013	15.28	2%	7%	55%	25%	60%	40%	1423	45.4	1330.6	37.34	-999	531.98889	675.1	58580	179.77778	2911.111	1.6825	576.1328671	-999	47	69832.7176	120	-999	42.34444
2/12/2013	12.93	2%	7%	55%	22%	24%	76%	1275	52.4	1185.6	58.67	-999	542.57222	675.2	50931	178.33846	2779.487	0.7995	636.8755245	-999	37	22314.3319	47	-999	121.1761
2/13/2013	11.48	2%	7%	55%	0%	0%	100%	404	0	396	11.94	-999	673.7	675.2	60020	141.5976	1572.973	-0.7775	712.7405594	-999	8	-999	0	-999	11.01982
2/14/2013	11.15	2%	8%	55%	0%	0%	100%	1466	66.4	1353.6	0.00	-999	736.7	675.2	70819	184.51983	931.6456	-0.869	800.0741259	-999	46	-999	0	-999	105.2996
2/15/2013	14.56	3%	7%	55%	28%	64%	36%	1489	54.2	1385.8	2.29	-999	814.76111	675.4	60399	199.79755	0	1.091	845.0601399	-999	49	87351.2728	142	-999	0
2/16/2013	12.57	3%	7%	55%	27%	68%	32%	1571	43.7	1467.3	22.10	-999	908.71667	675.4	43348	203.96	0	1.6145	761.5622378	-999	60	94481.9341	172	-999	0

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
2/17/2013	11.43	3%	7%	55%	26%	68%	32%	1720	52.4	1598.6	27.94	-999	940.94722	675.4	34212	203.96	0	0.4675	626.0335664	-999	69	100487.832	186	-999	0
2/18/2013	10.63	3%	7%	55%	26%	41%	59%	1649	66.4	1535.6	0.00	-999	965.69514	675.4	43984	203.96	0	-0.984	820.6804196	-999	47	59122.435	100	-999	0
2/19/2013	10.01	3%	8%	55%	24%	70%	30%	1725	83.9	1598.1	6.10	-999	945.92153	675.6	5786	194.5049	0	0.1665	826.0531469	-999	43	94806.5242	163	-999	210.6305
2/20/2013	9.53	3%	8%	55%	27%	27%	73%	1421	57.7	1350.3	11.18	-999	961.21667	675.6	41464	221.66857	737.8571	0.2445	884.8762238	-999	13	34534.6755	60	-999	11.56857
2/21/2013	8.86	3%	8%	55%	26%	45%	55%	1395	47.2	1343.8	7.62	-999	910.28611	675.5	37340	181.83662	789.4366	0.297	643.2902098	-999	4	56272.6902	100	-999	82.26761
2/22/2013	8.03	2%	8%	55%	26%	60%	40%	1410	36.7	1366.3	17.53	-999	937.18611	675.5	38966	227.35329	719.1617	0.4275	587.3762238	-999	7	75987.7981	127	-999	12.62275
2/23/2013	7.30	2%	9%	55%	25%	82%	18%	1406	38.5	1355.5	9.65	-999	933.21667	675.45	37969	174.28645	625.1613	0.3845	820.1657343	-999	12	99725.5027	169	-999	5.507097
2/24/2013	6.68	4%	13%	55%	28%	37%	63%	1411	40.2	1361.8	0.00	-999	921.31111	675.45	26489	219.21391	536.5217	-0.6545	664.5174825	-999	9	51288.1965	86	-999	0
2/25/2013	6.13	2%	14%	55%	28%	39%	61%	1526	38.5	1472.5	5.84	-999	1020.2889	675.4	62053	162.45605	454.7771	-0.3625	723.3405594	-999	15	56017.9908	96	-999	73.60255
2/26/2013	5.70	2%	12%	55%	24%	48%	52%	1586	50.7	1507.3	3.05	-999	894.3	675.4	61987	212.54667	360.8333	0.296	947.0321678	-999	28	61381.565	106	-999	11.36333
2/27/2013	5.56	2%	8%	55%	26%	68%	32%	1641	61.2	1555.8	0.00	-999	932.90556	675.3	38825	203.4324	361.4525	0.296	1078.693007	-999	24	99580.5872	162	-999	6.049162
2/28/2013	5.64	3%	7%	55%	25%	19%	81%	1463	59.4	1385.6	0.76	-999	931.68889	675.3	75013	257.52982	469.2982	0.5785	1106.384615	-999	18	23123.8187	37	-999	0
3/1/2013	6.23	3%	7%	55%	28%	37%	63%	1519	43.7	1456.3	18.80	-999	1027.25	675.3	61364	169.05621	412.4183	1.146	915.7398601	124.8472222	19	53588.9754	89	484584.9412	16.16209
3/2/2013	5.83	2%	7%	55%	0%	0%	100%	1524	26.2	1483.8	14.22	-999	964.81111	675.3	89576	260.12754	804.3478	0.746	966.1583333	13.14861111	14	0	0	483093.6522	72.22899
3/3/2013	5.10	2%	7%	55%	0%	0%	100%	1529	42	1473	21.84	-999	841.17917	675.3	90242	155.08406	743.4783	2.396	955.5826389	4.639583333	14	0	0	320244.0435	7.324638
3/4/2013	4.75	2%	7%	55%	0%	0%	100%	1471	35	1427	0.00	-999	820.4875	675.2	109479	200.66395	578.2313	0.9335	945.38125	0.181944444	9	0	0	398697.0816	3.953741
3/5/2013	4.51	2%	8%	55%	0%	0%	100%	1375	28	1345	0.00	-999	707.10278	675.2	80522	190.62222	400.6944	1.0255	886.4875	7.901388889	2	431396.046	0	366396	30.71389
3/6/2013	4.37	2%	9%	55%	0%	0%	100%	1012	26.2	985.8	0.00	-999	753.01944	675.2	65976	217.56049	301.8519	-0.8515	1041.508333	20.55416667	0	431396.046	0	408861.1111	49.90864
3/7/2013	4.21	2%	8%	55%	23%	69%	31%	1524	61.2	1449.8	0.00	-999	777.33611	675.15	42430	208.3969	265.8915	-0.786	1216.111111	162.8166667	13	83403.3393	145	576977.5349	3.103876
3/8/2013	4.10	2%	8%	55%	29%	100%	0%	1463	36.7	1395.3	0.00	-999	774.78056	675.05	74134	177.8152	208.7719	-0.921	1090.008333	71.16111111	31	25701.6177	50	432659.8947	2.846784
3/9/2013	4.05	2%	7%	55%	30%	12%	88%	1361	40.2	1319.8	0.00	-999	774.67222	675.05	62576	195.59298	208.4211	0.134	250.2708333	68.88263889	1	16675.8538	37	443420.8947	96.05614
3/10/2013	4.02	2%	7%	55%	24%	16%	84%	1424	58.9	1361.1	0.00	-999	793.94306	675	68859	179.52323	228.9562	1.1925	804.5319444	67.84375	4	19119.7124	44	425067.4545	10.98451
3/11/2013	3.94	2%	7%	55%	25%	71%	29%	1623	42	1561	7.37	-999	702.73472	675	39090	179.50476	187.619	0.604	615.8555556	198.5819444	20	98564.4098	158	583534.8571	2.045714
3/12/2013	3.74	2%	7%	55%	25%	73%	27%	1593	52.4	1516.6	5.59	-999	683.65486	675	25240	194.0898	188.4354	-0.525	799.7909722	185.9291667	24	98976.6327	159	572467.3061	78.77007
3/13/2013	3.54	2%	7%	55%	25%	100%	0%	449	61.2	371.8	6.10	-999	658.48333	674.9	61626	141.18554	92.16867	-3.7435	736.5527778	100.0270833	16	40719.0413	71	408972.1807	5.479518
3/14/2013	3.41	2%	9%	55%	25%	57%	43%	1475	50.7	1407.3	0.00	-999	678.28333	674.85	44734	182.2	57.77265	-8.3245	702.6875	146.5944444	17	70525.6321	114	518198	0
3/15/2013	3.39	2%	8%	55%	25%	69%	31%	1410	42	1362	0.00	-999	742.32431	674.8	37712	192.35765	57.77265	-8.2675	737.5881944	164.5791667	6	84903.7747	129	551701.0118	0
3/16/2013	3.21	1%	8%	55%	24%	28%	72%	1421	33.2	1376.8	0.00	-999	666.64306	674.8	58290	188.16	57.77265	-6.7985	720.0729167	97.40555556	11	33503.5051	64	469504.4	52.71607
3/17/2013	3.11	2%	7%	55%	28%	32%	68%	1417	33.2	1378.8	0.00	-999	692.39861	674.7	42554	305.55362	57.77265	-4.064	776.7951389	94.35486111	5	43693.4212	88	618422.2174	0
3/18/2013	3.01	3%	6%	55%	0%	0%	100%	1354	42	1306	0.00	-999	738.40417	674.7	67747	88.741126	23.37662	-6.4315	780.6534722	40.43472222	6	0	0	253760.2208	42.33766
3/19/2013	2.88	2%	6%	55%	0%	0%	100%	1414	35	1372	0.00	-999	575.45556	674.7	74781	162.92174	1105.797	-7.4635	761.9041667	0.167361111	7	0	0	309629.3043	0
3/20/2013	2.74	2%	6%	55%	0%	0%	100%	1405	31.5	1366.5	0.00	-999	727.18889	674.7	78261	202.55782	238.0952	-3.9385	590.6173611	0.165277778	7	0	0	370182.2653	0
3/21/2013	2.72	3%	6%	55%	0%	0%	100%	996	24.5	969.5	0.25	-999	638.05556	674.6	56573	257.75556	381.25	-6.8445	988.36875	11.66111111	2	0	0	444533	3.627778
3/22/2013	2.70	2%	6%	55%	0%	0%	100%	1021	21	1000	0.25	-999	627.61528	674.5	47148	192.82963	452.4691	-7.6025	927.2902778	0.784027778	0	0	0	325951.6667	70.19259
3/23/2013	2.62	1%	6%	55%	0%	0%	100%	1047	12.2	1003.8	0.00	-999	468.4375	674.5	84238	182.82222	432.6389	-6.341	1075.670833	0.1625	31	0	0	347736	10.575
3/24/2013	2.54	2%	6%	55%	0%	0%	100%	986	21	960	0.00	-999	345.56389	674.5	52953	201.92222	412.5	-2.1885	1071.759028	0.165277778	5	0	0	343959	0
3/25/2013	3.71	2%	6%	55%	24%	75%	25%	1052	22.7	1029.3	0.00	-999	442.00694	674.5	42467	165.48397	477.8626	2.636	971.9083333	0	0	67157.2347	104	280763.916	0
3/26/2013	3.21	2%	7%	55%	27%	27%	73%	955	24.6	930.4	0.76	-999	363.07917	674.6	64746	195.95295	476.4706	1.591	857.2965278	85.71597222	0	24621.8059	44	470349.2526	72.4
3/27/2013	3.02	2%	8%	55%	0%	0%	100%	361	8.7	351.3	4.57	-999	340.77639	674.6	15606	0	515.902	-1.0205	822.0243056	18.28263889	1	-999	0	41933	0
3/28/2013	2.87	2%	8%	55%	23%	47%	53%	1412	36.7	1367.3	11.18	-999	188.51111	674.6	64992	263.12532	555.3333	-0.654	766.1097222	141.9444444	8	53421.1249	76	648292.4589	19.07733
3/29/2013	2.82	2%	8%	55%	26%	83%	17%	1182	42	1133	0.51	-999	508.84028	674.5	42176	207.89333	136.6667	-0.1765	731.1236111	190.9583333	7	86929.8682	127	616522.4	0
3/30/2013	2.89	2%	8%	55%	25%	92%	8%	1109	33.2	1071.8	0.25	-999	402.74722	674.5	45299	248.53333	135.1852	0.302	788.3611111	0	4	87110.2515	140	403187	104.4481
3/31/2013	3.09	2%	8%	55%	24%	84%	16%	1339	31.5	1306.5	1.02	-999	630.70278	674.5	59435	157.66154	164.1026	1.994	793.2125	231.9708333	1	93870.4368	153	620505.6154	8.994872
4/1/2013	3.31	3%	8%	55%	24%	79%	21%	1075	19.2	1055.7	1.27	-999	627.53889	674.5	43983	190.7437	278.5185	1.2375	684.4601449	186.9381944	0.1	72037.3552	112	587844.9333	0
4/2/2013	3.22	3%	8%	55%	26%	98%	2%	938	36	901	0.00	-999	425.21944	674.55	37467	177.11407	463.7037	-2.4415	641.4514085	164.6659722	1	80459.0054	136	529630.2667	0
4/3/2013	3.19	0%	0%	55%	0%	0%	0%	0	0	0	6.10	-999	453.46111	674.6	22383	123.56667	357.362	-1.5705	543.793662	579.8694444	0	0	0	1035331.01	0
4/4/2013	3.02	2%	10%	55%	27%	43%	57%	546	17.5	519.5	0.00	-999	405.19444	674.6	23247	116.3098	357.362	4.731	629.8080645	0	9	20917.7711	29	190733.1176	44.78923
4/5/2013	2.87	2%	11%	55%	24%	87%	13%	1361	36.7	1316.9	26.67	-999	518.94444	674.6	17327	173.0272	251.0204	4.6285	686.4762238	183.4986111	7.4	98959.4727	167	530724.1695	1.804082
4/6/2013	2.80	2%	9%	55%	24%	95%	5%	1250	21	1190	0.00	-999	501.58611	674.6	46592	192.70303	193.1818	1.9725	635.225	177.8576389	39	96846.7825	169	580199.3636	46.96364
4/7/2013	2.87	2%	11%	55%	32%	10%	90%	992	19.2	971.8	34.80	-999	501.30972	674.55	24536	162.1967	187.4587	-0.671	649.9942857	46.74861111	1	10540.4434	24	325417.2475	40.79472
4/8/2013	3.91	2%	8%	55%	25%	67%	33%	1052	15.7	1031.3	25.15	-999	501.1375	674.6	39056	181.28746	220.7885	4.1785	764.5272059	135.23125	5	61234.272	98	494842.9355	6.916129
4/9/2013	12.10	2%	8%	55%	25%	99%	1%	1053	22.7	1030.2	23.88	-999	511.29722	674.8	37884	173.02696	778.7235	2.907	628.4697842	121.4076389	0.1	91815.4584	150	461869.8232	128.3177
4/10/2013	8.66	3%	7%	55%	25%	88%	12%	1041	10.5	1026.5	29.72	-999	475.41944	675	30613	175.11723	3037.931	1.325	613.435461	167.1013889	4	81392.5081	138	523407.8155	165.0506
4/11/2013	7.99	3%	7%	55%	25%	50%	50%	522	21	500.8	29.97	-999	497.20833	675.2	37468	-999	1737.778	-1.1485	575.2190141	57.51875	0.2	22606.6956	30	120295	8.66963
4/12/2013	7.78	3%	7%	55%	27%	100%	0%	792	21	770.8	24.89	-999	437.45	675.2	63298	-999	1575.694	-1.239	584.8722222	136.4708333	0.2	75301.7016	83	-999	64.76389
4/13/2013	7.46	4%	7%	55%	26%	99%	1%	850	19.2	830.6	0.00	-999	485.07847	675.2	53124	226.37778	515.9722	1.9725	545.7475524	127.9875	0.2	74878.5818	92	563410	31.29722
4/14/2013	7.20	3%	7%	55%	26%	91%	9%	597	12.2	584.6	9.14	-999	487.97431	675.2	25528	223.11111	425.6944	1.6245	621.9276596	98.20625	0.2	48249.251	80	488225	25.99722
4/15/2013	7.08	8%	9%	55%	25%	100%	0%	881	17.5	863.3	15.75	-999	406.075	675.2	0	209.92	444.7059	3.0715	541.8035461	141.9	0.2	81712.5464	139	506620.8	83.47922
4/16/2013	7.12	6%	7%	55%	26%	98%	2%	915	10.5	900.4	0.76	-999	402.775	675.3	0	194.73334	581.25	2.104	559.51875	155.6840278	4.1	82405.3206	136	224185	48.63056
4/17/2013	8.72	6%	8%	55%	27%	100%	0%	996	12.2	980.8	0.00	-999	318.79722	675.3	2568	172.64049	651.0903	0.893	552.527972	169.9604167	3	93391.8634	155	8570679.241	47.57383
4/18/2013	8.26	4%	8%	55%	28%	94%	6%	862	22.7	834.3	0.00	-999	206.36389	675.45	3489	214.7969	1015.504	1.0245	617.5534722	148.0041667	5	78078.3703	124	525922.5349	105.6775
4/19/2013	7.67	6%	7%	55%	26%	100%	0%	990	28	958	0.00	-999	80.977778	675.6	133	190.60952	1006.548	1.7555	511.927972	180.0131944	4	88634.9111	143	533829.7143	8.866667
4/20/2013	7.28	7%	7%	55%	26%	100%	0%	984	22.7	960.3	2.54	-999	353.225	675.6	15	163.37778	700.6944	2.503	485.4715278	180.4972222	1	88931.3841	148	495195	87.35556
4/21/2013	7.14	8%	8%	55%	26%	100%	0%	972	10.5	960.5	1.02	-999	354.60278	675.65	0	158.4	525	2.0665	487.11875	179.0284722	1	91063.559	151	485897	6.591667
4/22/2013	7.06	4%	9%	55%	28%	100%	0%	984	22.7	960.3	6.86	-999	297.71389	675.6	0	136.85333	459.1667	3.4625	589.8070922	180.4534722	1	103268.76	163	456921.8	103.1733
4/23/2013	7.03	3%	9%	55%	26%	94%	6%	1204	19.2	1169.8	53.59	-999	271.13889	675.7	0	156.88087	597.1119	1.866	616.2979167	0	15	101406.95	179	225908.4477	10.72635
4/24/2013	8.59	3%	8%	55%	25%	34%	66%	1206	24.5	1177.5	18.80	-999	420.61667	675.7	8120	193.51973	462.8763	-0.5015	617.8797203	81.32777778	4	34665.013	73	403900.4147	35.20803
4/25/2013	18.36	4%	8%	55%	24%	13%	87%	1097	22.7	1072.3	7.62	-999	427.46667	675.8	11429	355.06667	1138.194	-1.147	518.0951389	26.64861111	2	12428.9994	20	561099	67.76667
4/26/2013	16.53	3%	8%	55%	27%	65%	35%	1212	28	1180	16.00	-999	381.36667	676.1	0	76.538012	2654.971	-1.4935	517.6041667	142.5597222	4	73163.571	121	315500.7368	101.4947
4/27/2013	13.09	3%	8%	55%	27%	90%	10%	1321	33.2	1275.8	0.00	-999	475.96389	676.2	0	195.06667	2044.444	-2.7965	790.7461538	180.65625	12	108095.51	174	541041	88.91111
4/28/2013	11.75	3%	8%	55%	26%	52%	48%	1346	35	1296	3.30	-999	442.9	676.25	6182	229.9562	1208.759	-1.331	785.9230769	154.2909722	15	60647.0941	105	559497.9343	11.46277
4/29/2013	10.55	3%	8%	55%	25%	87%	13%	1355	43.7	1292.3	48.01	-999	615.40278	676.2	0	179.10039	806.2257	3.077	788.2302817	0	19	98097.2777	171	257904.5603	6.331518
4/30/2013	9.62	3%	8%	55%	20%	51%	49%	960	39.7	899.3	8.38	-999	666.89514	676.3	19604	197.87801	556.7376	5.9785	737.8877358	103.8159722	21	33223.1305	70	454043.3404	89.45816
5/1/2013	10.86	8%	8%	55%	25%	42%	58%	1320	36.7	1240.3	23.62	-999	246.37153	676.7	26962	-999	0	5.8835	638.272028	98.76527778	43	47133.437	83	-999	0
5/2/2013	12.49	3%	10%	55%	25%	92%	8%	1499	33.2	1388.8	40.39	-999	188.49861	676.7	48625	-999	0	7.186	564.2594406	135.1326389	77	67545.4364	117	-999	0
5/3/2013	26.34	3%	10%	55%	26%	48%	52%	1424	31.5	1325.5	4.57	-999	-999	677.1	17535	201.81474	0	6.0615	548.6606897	136.6576389	67	58872.2213	101	504935.2277	57.97905
5/4/2013	146.93	4%	12%	55%	27%	70%	30%	1646	55.9	1505.1	4.06	-999	-999	677.65	13800	177.38667	3245	5.837	543.3910345	0	85	101689.635	184	269236.8	419.3192
5/5/2013	208.12	3%	11%	55%	26%	46%	54%	1642	55.9	1505.1	0.00	-999	-999	679.1	30298	238.74286	5857.143	6.1455	692.5910345	18.52708333	81	63744.7094	112	400766.7143	323.3171

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
5/6/2013	79.95	3%	15%	55%	26%	74%	26%	1744	66.4	1549.6	0.00	-999	-999	679.45	0	199.36224	7212.587	7.894	801.2510345	28.79861111	128	104383.463	174	328551.6224	301.9329
5/7/2013	54.98	3%	13%	55%	28%	48%	52%	848	78.7	644.3	0.00	-999	-999	679.75	19814	166.48649	7647.297	9.4065	818.7337931	8.493055556	125	30502.5764	52	271784.5405	212.1189
5/8/2013	58.59	3%	13%	55%	0%	0%	100%	157	26.2	130.8	0.00	-999	-999	680	5532	193.65783	5024.699	10.702	926.7434483	0	0	0	0	284399.2771	121.1181
5/9/2013	68.68	3%	12%	55%	29%	20%	80%	1474	33.2	1409.8	11.18	-999	-999	680.25	47094	189.31469	5039.86	7.161	851.9965517	8.411805556	31	29448.7957	51	331820.1469	136.0224
5/10/2013	90.92	3%	13%	55%	26%	54%	46%	1621	50.7	1492.3	3.81	-999	-999	680.55	13431	181.5	6519.853	8.2595	919.6613793	22.50416667	78	74532.2948	136	307197	155.3147
5/11/2013	121.94	2%	11%	55%	26%	78%	22%	1566	48.9	1437.1	25.40	-999	-999	680.9	100	204	7255.102	7.7625	996.2434483	31.29652778	80	103607.525	189	338927	155.6707
5/12/2013	142.32	3%	11%	55%	26%	80%	20%	1586	50.7	1428.3	19.81	-999	-999	681.3	0	163.97778	7991.667	7.5135	1151.248276	31.40625	107	106984.973	190	281353	208.2417
5/13/2013	163.77	3%	10%	55%	27%	91%	9%	1291	38.5	1201.5	5.84	-999	-999	681.65	9108	207.00775	8815.504	7.102	1168.651724	198.1041667	51	106853.925	185	592469.1628	172.7039
5/14/2013	180.24	3%	11%	55%	27%	75%	25%	1551	43.7	1470.8	0.00	-999	-999	682.25	0	162.21953	6422.222	7.929	1367.005517	0	36.5	103474.799	177	233596.1212	194.9933
5/15/2013	137.78	3%	9%	55%	27%	19%	81%	1553	47.2	1468.8	7.37	-999	-999	682.5	20311	239.44594	5988.693	8.619	1374.597241	95.47986111	37	26036.1654	50	502604.1484	204.9689
5/16/2013	90.67	2%	10%	55%	25%	56%	44%	1679	43.7	1597.3	35.05	-999	144.22222	682.7	0	151.41957	8215.773	5.9115	1204.30069	165.1888889	38	78563.0294	148	455916.1755	0
5/17/2013	85.53	2%	9%	55%	28%	13%	87%	1648	35	1577	5.84	-999	235.01667	682.7	4652	170.95859	6720.701	3.778	1024.973103	95.85069444	36	21252.3907	44	388857.3646	247.1382
5/18/2013	156.51	2%	10%	55%	24%	16%	84%	1769	54.2	1659.8	0.00	-999	316.57153	682.7	0	197.4763	7155.327	4.218	1000.957931	96.4	55	23535.0509	37	423181.872	113.1491
5/19/2013	98.16	4%	8%	55%	26%	53%	47%	1730	33.2	1637.8	0.00	-999	436.48403	682.7	0	180.68889	7594.444	8.4915	1158.665517	0	59	79632.9682	129	260192	119.7056
5/20/2013	55.49	2%	9%	55%	25%	44%	56%	1760	52.4	1648.6	0.00	-999	324.66667	682.7	0	196.4	4752.778	9.025	926.7303448	155.1854167	59	64637.5075	105	506283	170.6444
5/21/2013	49.41	3%	8%	55%	26%	70%	30%	1795	59.4	1633.6	0.00	-999	337.83889	682.7	63	362.13331	4459.166	10.696	974.9889655	147.9826389	102	106401.929	168	734629.9638	0.166667
5/22/2013	58.38	3%	8%	55%	24%	71%	29%	1805	61.2	1609.8	0.00	-999	555.74444	682.7	10901	41.50303	3896.97	12.093	1420.606897	188.2541667	134	95262.3631	171	341751.3636	85.67811
5/23/2013	72.42	2%	9%	55%	23%	67%	33%	1680	50.7	1530.3	0.00	-999	728.01111	682.7	13	293.66303	4829.697	11.088	1059.596552	176.0652778	99	83231.1564	160	676421.7636	0
5/24/2013	106.76	2%	9%	55%	26%	43%	57%	1578	52.4	1443.6	0.00	-999	854.07778	682.7	15480	98.933333	3792.308	11.675	1798.333793	838.1444444	82	57747.3877	100	1364872	70.47436
5/25/2013	125.62	3%	9%	55%	25%	55%	45%	1821	54.2	1659.8	0.00	-999	511.33889	682.7	4	174.96	4732.5	14.4695	1313.982759	157.9569444	107	81228.277	146	479404.4	102.0067
5/26/2013	128.81	2%	11%	55%	24%	51%	49%	1799	40.2	1649.8	0.00	-999	746.35	682.7	10655	202.01582	4222.034	15.795	1403.745517	165.40625	109	71369.4907	131	539742.7797	0
5/27/2013	165.15	1%	11%	55%	25%	67%	33%	1846	59.4	1672.6	0.00	-999	705.55	682.7	36	149.2419	4802.857	16.24	1388.322069	193.5138889	114	100208.125	180	493604.3429	113.9505
5/28/2013	178.48	2%	10%	55%	25%	68%	32%	1788	50.7	1655.3	0.00	-999	720.98889	682.7	8234	192.88116	4602.174	12.265	1559.724828	138.3979167	82	47942.7521	87	485275.8696	0
5/29/2013	194.83	2%	8%	55%	24%	59%	41%	1827	54.2	1690.8	17.78	-999	614.47222	682.7	22	171.93514	4213.814	9.529	1523.869655	183.2020833	82	87149.2391	158	511419.607	108.358
5/30/2013	151.98	2%	8%	55%	26%	53%	47%	1663	45.4	1575.6	14.48	-999	600.12222	683.35	11506	311.86665	4804.166	7.0765	1719.156552	161.7548611	42	75475.1348	127	693520.974	0
5/31/2013	148.91	4%	12%	55%	26%	70%	30%	1721	50.1	1658.9	1.52	-999	648.3	683.35	6628	62.272	3773.333	9.103	1714.310345	0	12	106909.527	184	96299.68	77.92533
6/1/2013	169.07	5%	11%	55%	27%	40%	60%	1649	38.5	1577.5	6.10	-999	600.65417	683.5	13399	278.74089	6791.753	9.05	1453.81049	149.0833333	33	60266.0276	108	629465.8866	3.780069
6/2/2013	113.02	4%	14%	55%	25%	83%	17%	1405	28	1368	15.75	-999	615.38472	683.6	8351	69.006803	6066.667	9.786	1728.292308	198.1902778	9	103082.445	182	393114.7959	91.06667
6/3/2013	90.02	3%	15%	55%	26%	60%	40%	1633	28	1593	10.67	-999	550.13333	683.65	16293	167.0211	4140.928	7.461	1648.581818	170.8027778	12	87483.2834	160	502759.3797	18.80338
6/4/2013	135.51	5%	14%	55%	27%	69%	31%	1565	38.5	1494.5	0.76	-999	685.26667	683.7	7823	176.46377	3959.42	9.563	1578.559441	0	32	99257.9988	184	261930.8261	75.19565
6/5/2013	111.96	5%	13%	55%	26%	46%	54%	710	99.6	597.4	2.79	-999	649.05	683.75	12229	150.7483	5114.966	10.5325	1618.507692	55.27777778	13	25169.5626	44	308906.551	87.21361
6/6/2013	84.37	3%	12%	55%	25%	67%	33%	1825	48.9	1694.1	0.00	-999	756.35	683.75	8302	186.5677	3415.808	11.753	1674.92028	202.4458333	82	100969.658	176	568481.4845	89.49278
6/7/2013	89.24	2%	13%	55%	26%	33%	67%	1732	59.4	1607.6	0.00	-999	520.6	683.8	28100	154.67346	2977.778	13.551	1731.008392	110.2798611	65	50645.8957	90	409632.7778	0.288889
6/8/2013	87.81	2%	10%	55%	25%	29%	71%	1773	62.9	1619.1	0.00	-999	601.69444	683.9	7418	170.45646	2691.837	15.84	1622.686713	119.2916667	91	42056.6087	79	424655.3061	81.51156
6/9/2013	105.33	2%	11%	55%	25%	48%	52%	1792	47.2	1671.8	0.00	-999	641.01389	683.9	14353	185.60741	2285.926	17.345	1438.52028	157.6965278	73	70795.2992	124	508710.6667	0
6/10/2013	130.73	3%	12%	55%	26%	25%	75%	1723	54.2	1612.8	0.00	-999	617.3125	683.7	9459	240.52093	2031.783	16.595	1638.252448	119.0145833	56	38114.7993	66	527190.1395	91.29147
6/11/2013	145.20	3%	11%	55%	39%	66%	34%	1820	42	1728	0.00	-999	575.54583	683.6	9521	180.19858	1898.582	13.29	1631.782517	189.8423611	50	102693.043	186	542379.9574	0.12766
6/12/2013	151.86	3%	9%	55%	24%	69%	31%	1815	50.7	1652.3	0.00	-999	702.15	683.5	18647	162.72976	1739.881	14.9	1425.72028	194.8298611	112	99456.9203	183	533532.8571	67.85952
6/13/2013	107.77	2%	11%	55%	25%	46%	54%	1789	50.7	1641.3	0.00	-999	761.66667	683.55	8830	216.97302	1771.429	19.02	1862.077622	157.3486111	97	67487.0872	128	547853.1429	2.228571
6/14/2013	94.46	3%	13%	55%	26%	56%	44%	1788	45.4	1655.6	0.00	-999	735.07639	683.55	7603	165.6897	1581.212	20.46	1804.348951	169.4541667	87	84242.0611	156	490210.1636	0
6/15/2013	125.54	4%	14%	55%	24%	28%	72%	1690	35	1600	2.54	-999	763.65417	683.4	32718	207.56543	1484.774	19.935	1801.032867	125.58125	55	38304.1582	71	512449.2222	95.29218
6/16/2013	134.03	5%	15%	55%	28%	45%	55%	1722	35	1645	8.13	-999	663.85	683.3	8257	156.61287	1423.392	14.415	1774.333566	153.9548611	42	74469.6525	123	455474.5263	0
6/17/2013	138.54	4%	15%	55%	25%	69%	31%	1761	43.7	1663.3	0.25	-999	548.98611	683.25	14380	217.23983	1314.286	17.945	1916.13007	202.65	54	101532.095	195	619021.3506	83.65368
6/18/2013	110.90	5%	15%	55%	27%	100%	0%	779	50.7	686.3	0.00	-999	722.23889	683.2	31248	268.93061	1184.354	16.93	1741.416084	-999	42	74124.8712	143	-999	11.82857
6/19/2013	116.10	4%	14%	55%	0%	0%	100%	1607	26.2	1531.8	0.00	-999	733.61111	683.1	18295	49.641028	1143.59	17.785	1727.558741	93.27638889	49	0	0	224096.0807	0
6/20/2013	104.25	3%	13%	55%	0%	0%	100%	1627	42	1536	0.51	-999	766.41042	683.05	8652	151.81608	1133.908	15.74	2017.334965	98.41388889	49	0	0	368983.1619	65.26666
6/21/2013	94.95	2%	13%	55%	0%	0%	100%	1627	42	1524	0.00	-999	536.98819	683	7906	92.915942	957.2464	16.145	1678.858741	99.59166667	61	0	0	285116.9565	0
6/22/2013	91.94	4%	12%	55%	27%	79%	21%	1345	28	1289	1.27	-999	670.16389	682.95	9195	187.5451	1110.784	19.63	1390.563636	192.4527778	28	98359.8682	156	556391.9412	0
6/23/2013	80.55	4%	14%	55%	27%	88%	12%	1380	48.9	1309.1	5.84	-999	751.49861	682.9	19843	166.43678	904.023	11.61	1614.462937	-999	22	110536.513	171	-999	64.91954
6/24/2013	81.59	4%	16%	55%	26%	63%	37%	1368	33.2	1317.8	12.95	-999	357.39444	682.85	8265	208.18489	904.8889	11.14	1566.094406	163.1638889	17	78197.7232	138	543007.24	0
6/25/2013	99.22	4%	14%	55%	28%	77%	23%	1323	35	1270	0.25	-999	420.17778	682.9	16436	138.70891	846.8647	12.3	1759.61049	190.5895833	18	96082.2193	145	490625.8317	0
6/26/2013	88.78	6%	17%	55%	25%	89%	11%	1250	42	1201.5	0.00	-999	635.65694	682.8	8518	220.12121	845.4545	12.855	1555.416084	203.7576389	6.5	94722.133	161	618903.5455	84.51515
6/27/2013	101.37	4%	16%	55%	28%	65%	35%	1414	42	1345	0.00	-999	731.7875	682.9	9199	129.94323	1099.01	14.12	1709.996503	-999	27	85853.565	156	-999	0
6/28/2013	65.84	5%	14%	55%	26%	66%	34%	1364	42	1303.5	3.56	-999	540.59583	682.9	16331	169.37591	1806.162	13.815	1534.159441	178.3666667	18.5	78624.3606	129	517080.3109	63.82073
6/29/2013	52.35	5%	15%	55%	26%	81%	19%	1335	40.2	1288.8	23.11	-999	689.05417	682.8	7327	140.18462	1197.436	12.57	1683.102098	202.1111111	6	97228.9994	162	500232.8462	0.025641
6/30/2013	52.90	4%	12%	55%	27%	63%	37%	1461	29.1	1415.9	9.40	-999	719.30972	682.75	7593	169.77778	859.2593	9.83	1508.276224	197.7354167	16	83767.2139	136	536812	104.2889
7/1/2013	81.21	4%	13%	55%	29%	84%	16%	1370.036298	28.74802	1327.288	0.00	-999	757.14583	682.8	2496	187.57101	770.2899	19.01	1417.567133	-999	14	115302.621	162	-999	0
7/2/2013	102.43	4%	11%	55%	23%	79%	21%	1472.119855	33.04456	1410.075	20.32	-999	636.29444	682.6	5061	146.38841	960.8696	12.955	1409.512587	219.1569444	29	89562.864	160	531446.3043	0
7/3/2013	109.98	3%	11%	55%	33%	27%	73%	1551.915929	45.40965	1481.506	6.86	-999	707.53194	682.6	0	162.70515	1056.357	10.24	1435.083217	127.4819444	25	46711.1324	63	417869.4227	76.30515
7/4/2013	70.62	4%	12%	55%	27%	64%	36%	1419.077391	46.46657	1351.611	15.49	-999	538.30278	682.6	7208	148.83672	1106.885	10.355	1485.558741	-999	21	84032.115	119	-999	0.660984
7/5/2013	43.91	6%	16%	55%	28%	89%	11%	1295.013237	32.95808	1251.055	0.25	-999	728.18056	682.6	0	168.61714	1008.571	11.705	1496.824476	35.74861111	11	111195.571	157	294286.6857	0
7/6/2013	38.00	3%	14%	55%	28%	90%	10%	1256.559759	28.82645	1219.733	0.00	-999	737.50972	682.45	11475	71.791275	780.5369	12.07	1654.199301	217.4493056	8	109643.819	156	427981.4362	49.07383
7/7/2013	36.07	3%	12%	55%	26%	45%	55%	1733.98016	43.26735	1660.713	0.00	-999	745.66389	682.4	5281	253.40677	636.8421	13.34	1623.367133	170.66875	30	70883.6429	115	615949.7444	27.84962
7/8/2013	81.56	3%	12%	55%	26%	42%	58%	1886.173965	41.41819	1814.756	5.08	-999	701.00833	682.4	7739	161.08108	748.6486	12.69	1597.81958	170.66875	30	70883.6429	115	485458.7568	0
7/9/2013	73.80	3%	9%	55%	42%	72%	28%	1637.019307	39.13642	1538.883	22.35	-999	690.68333	682.4	14271	140.16934	1503.65	11.025	1586.593007	226.0347222	59	105182.265	175	541604.854	81.69343
7/10/2013	55.87	3%	10%	55%	26%	76%	24%	1030.289602	21.12215	932.1674	10.92	-999	642.67222	682.4	16860	-999	1565.333	8.847	1464.544755	162.1236111	77	64440.9294	114	-999	0.293333
7/11/2013	28.59	2%	9%	55%	25%	23%	77%	1677.821308	42.91171	1617.91	0.00	-999	58.741667	682.35	11283	-999	822.8228	12.082	1603.69021	79.36597222	17	34216.7765	59	-999	0
7/12/2013	28.64	2%	8%	55%	26%	58%	42%	1566.189323	43.44954	1457.74	0.00	-999	713.775	682.3	11556	164.38557	773.7705	11.405	1555.400699	178.3819444	65	77343.1379	155	505141.2262	72.39869
7/13/2013	28.70	2%	7%	55%	26%	72%	28%	1560.600586	39.85632	1468.744	0.25	-999	758.99722	682.2	51	150.16601	631.6206	13.83	1361.344755	214.7888889	52	96851.1444	173	525586.0514	0
7/14/2013	28.76	2%	8%	55%	26%	56%	44%	1730.386551	46.74117	1658.645	0.76	-999	843.00278	682.15	21551	161.72038	482.1317	13.985	1680.690909	194.7701389	25	87965.5482	161	534897.3417	0
7/15/2013	28.83	2%	8%	55%	27%	32%	68%	1669.454358	39.5595	1559.895	0.00	-999	631.19444	682.15	16175	177.04	429.1667	14.305	1410.035664	124.3451389	70	31687.4775	60	450169.6	0
7/16/2013	28.89	2%	8%	55%	27%	34%	66%	1193.634641	30.57189	1141.063	0.00	-999	781.28056	681.9	0	210.27606	388.0282	13.875	1539.385315	554.2166667	22	48338.2145	93	1100869.521	78.33239
7/17/2013	28.95	0%	0%	55%	13%	0%	100%	38.1	0	38.1	0.00	-999	723.87986	681.85	5196	167.51111	325.6944	16.795	1186.38042	663.1416667	0	18693.8286	78	1201336	0.105556
7/18/2013	29.01	3%	10%	55%	27%	30%	70%	1358.272453	36.93071	1263.342	0.00	-999	637.13958	681.8	0	162.51685	319.1011	19.065	1726.679021	667.6569444	58	36789.2151	76	1195450.27	0
7/19/2013	29.08	3%	12%	55%	27%	25%	75%	1690.366174	53.60545	1525.761	0.00	-999	758.19514	681.8	14575	206.00129	275.7282	15.965	1513.748951	76.70138889	111	37360.4314	75	421666.8641	0
7/20/2013	29.14	3%	11%	55%	26%	21%	79%	1664.533354	50.43596	1518.097	2.79	-999	728.52708	681.7	15350	190.96403	738.1295	13.16	1624.969231	192.7631944	96	29708.0887	63	567917.2014	77.81295
7/21/2013	29.21	3%	11%	55%	26%	14%	86%	1695.62295	45.13797	1527.485	13.46	-999	736.85833	681.7	17370	167.97922	101.2987	13.12	1593.00979	294.6326389	123	20711.8035	38	683531.0779	0.628571
7/22/2013	29.27	4%	11%	55%	26%	71%	29%	1841.756842	52.4877	1613.269	29.21	-999	740.41042	681.7	10556	165.69412	725.7353	11.95	1050.895105	380.6743056	176	103760.911	184	797326.5294	2.394118

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
7/23/2013	29.33	3%	8%	55%	27%	71%	29%	1815.325351	61.0501	1623.275	1.52	-999	379.22569	681.7	0	255.36454	964.539	14.615	1418.508392	601.3922917	131	108797.316	201.1	1233729.836	2.110638
7/24/2013	29.40	2%	8%	55%	31%	47%	53%	1775.740324	50.47095	1629.769	0.00	-999	449.38889	681.65	0	168.75556	600.6945	18.445	1768.499301	127.1041667	95.5	83458.9591	177.9	426038	75.62222
7/25/2013	29.46	3%	8%	55%	25%	56%	44%	1754.750237	59.14852	1545.602	1.78	-999	416.75833	681.65	11394	49.482006	483.1858	13.525	1728.746853	301.5763889	150	76028.6639	143	516918.0885	0
7/26/2013	29.53	3%	9%	55%	25%	46%	54%	1751.067921	46.22844	1566.839	16.76	-999	436.23889	681.6	56	146.07059	574.902	13.735	1551.339161	497.5222222	138	65581.1384	121	926829.6471	0
7/27/2013	29.60	3%	9%	55%	25%	54%	46%	1773.93719	44.60413	1598.333	0.00	-999	488.14722	681.6	7634	163.62171	489.9225	12.79	1649.717483	671.2131944	131	77846.8244	142	1209796.256	70.16434
7/28/2013	29.67	2%	9%	55%	25%	55%	45%	1787.228512	43.12555	1668.103	0.00	-999	388.05833	681.55	123	172.52268	19.33333	14.395	1637.653147	152.2097222	76	81954.5596	149	467737.6538	13.312
7/29/2013	29.73	3%	8%	55%	26%	70%	30%	1756.194175	39.60656	1566.588	0.00	-999	421.63056	681.5	162	188.68705	101.0756	18.885	1839.674825	346.1381944	150	100389.227	183	770310.3514	0
7/30/2013	29.80	2%	9%	55%	26%	35%	65%	1743.053622	37.40241	1564.651	0.00	-999	485.53889	681.45	31131	180.3871	101.0756	20.765	1687.01049	573.4541667	141	51671.6597	100	1116662.419	0
7/31/2013	29.87	2%	9%	55%	0%	0%	100%	1711.55514	45.0398	1547.515	0.00	-999	514.97222	681.4	18019	201.27537	101.0756	19.765	1711.831469	4.683333333	119	0	0	314599.5392	69.17102
8/1/2013	29.94	3%	9%	55%	0%	0%	100%	1699.314935	35.64692	1581.668	0.00	-999	400.61806	681.4	68424	164.37662	182.8179	17.925	1695.29021	78.67083333	82	0	0	418412.337	8.269415
8/2/2013	30.01	2%	8%	55%	0%	0%	100%	1706.272771	37.9618	1523.311	0.00	-999	428.73472	681.4	79461	92.888073	207.9511	18.095	1737.774825	117.65625	145	0	0	382644.8257	0
8/3/2013	30.07	2%	8%	55%	0%	0%	100%	1618.98682	37.96088	1481.026	0.00	-999	527.32778	681.35	78631	215.31696	177.193	17.8	1674.092308	195.6583333	100	0	0	670435.4211	0
8/4/2013	30.14	3%	8%	55%	0%	0%	100%	1696.572534	36.35407	1586.218	0.00	-999	237.96111	681.35	71676	216.99048	194.4444	16.705	1661.873427	205.5166667	74	0	0	680086.2857	0
8/5/2013	30.21	3%	7%	55%	24%	49%	51%	1809.80609	41.43379	1640.372	12.45	-999	435.41111	681.3	78620	180.76444	297.7778	13.275	1640.92028	214.2631944	128	66991.2163	110	647459.8	80.87111
8/6/2013	30.28	2%	7%	55%	26%	35%	65%	1692.472531	40.03324	1501.439	4.83	-999	472.34444	681.3	90894	162.45333	767.5	14.485	1461.495804	367.3430556	151	48150.693	84	853800.8	0
8/7/2013	30.35	4%	0%	55%	0%	0%	100%	481.21208	0	461.2121	0.00	-999	438.91667	681.25	13535	118.98514	884.5714	16.325	1481.307692	470.2159722	20	0	0	861984.6057	0
8/8/2013	30.43	2%	8%	55%	26%	19%	81%	1823.727878	43.37521	1637.353	0.00	-999	316.01667	681.25	21346	177.21191	117.4468	17.855	1602.593706	472.9354167	143	29411.5039	50	957558.1574	0
8/9/2013	30.50	2%	8%	55%	24%	52%	48%	1906.968596	41.27669	1753.692	21.08	-999	358.82083	681.25	0	193.74545	1589.896	14.195	1467.322378	575.1694444	112	79247.7012	123	1107237.455	7.098182
8/10/2013	30.57	2%	7%	55%	24%	54%	46%	1819.762235	61.93918	1667.823	0.25	-999	409.90139	681.2	0	165.21481	1589.896	14.07	1365.544056	59.79375	90	77524.3924	120	324012.3333	59.62469
8/11/2013	30.64	2%	7%	55%	24%	51%	49%	1910.433329	76.14439	1775.289	0.00	-999	466.77778	681.2	0	161.32222	1589.896	14.43	1535.679021	241.0236111	59	75983.1037	128	579378	0
8/12/2013	30.72	2%	7%	55%	24%	55%	45%	1770.600655	74.4584	1583.142	0.00	-999	425.88889	681.15	0	235.02199	1589.896	16.41	1527.997902	427.65	113	74727.1989	131	954247.6596	2.216727
8/13/2013	30.79	2%	8%	55%	25%	38%	62%	1847.847594	61.46515	1653.382	0.00	-999	362.88333	681.1	0	157.81925	1589.896	19.145	1530.815385	611.5354167	133	56359.9486	97	1107870.715	0
8/14/2013	30.86	2%	9%	55%	24%	33%	67%	1841.875651	60.79019	1645.085	0.00	-999	484.81111	681.1	22723	170.3354	1589.896	17.645	1400.604255	55.25555556	136	47774.6195	78	347573.9814	0.626087
8/15/2013	30.94	2%	7%	55%	26%	54%	46%	1903.701211	52.63797	1684.063	0.00	-999	442.92222	681	50	199.5187	1589.896	17.335	1339.795804	196.0979167	167	83145.0428	140	569737.9268	85.69106
8/16/2013	31.01	2%	8%	55%	25%	43%	57%	1889.951685	57.97684	1803.975	3.30	-999	444.90556	681.05	10421	147.86667	1589.896	17.74	1189.027273	384.5361111	28	67754.4717	116	777081	0
8/17/2013	31.08	1%	8%	55%	23%	26%	74%	1854.818307	59.55387	1774.264	23.88	-999	346.95	681	27841	197.42609	1589.896	13.52	1216.315385	546.8520833	21	37433.553	58	1099601.565	1.547826
8/18/2013	31.16	2%	7%	55%	23%	46%	54%	1896.629987	65.92091	1769.709	5.08	-999	534.51667	681	0	187.60272	1589.896	13.915	1157.34965	651.5319444	61	65346.0835	93	1208353.918	0.805442
8/19/2013	31.23	2%	7%	55%	23%	44%	56%	1898.955449	60.26916	1773.686	6.10	-999	364.30833	680.95	5878	159.66316	1589.896	11.56	1139.424476	131.9708333	65	64248.8796	90	425830.9474	0.006015
8/20/2013	31.30	2%	7%	55%	23%	45%	55%	1897.117271	65.87188	1785.245	0.00	-999	285.61944	680.95	2774	213.18209	1589.896	11.53	1148.136364	307.0347222	46	64460.8508	87	751886.209	80.03582
8/21/2013	31.38	2%	7%	55%	23%	28%	72%	1799.238684	53.33701	1698.902	2.29	-999	237.39444	680.95	18926	128.42667	1589.896	12.87	1039.02028	487.5125	47	38768.139	56	905878.4	4.009697
8/22/2013	31.45	2%	7%	55%	24%	48%	52%	1906.698729	58.31688	1770.382	0.00	-999	330.64444	680.9	12733	220.69333	1589.896	12.34	987.9433566	610.0347222	78	70809.6165	96	1208981.4	3.2
8/23/2013	31.52	2%	6%	55%	24%	37%	63%	1839.086536	60.60854	1698.478	1.52	-999	428.33889	680.9	16388	203.23265	1589.896	11.935	989.1251748	104.2416667	80	-999	-999	459151.0204	2.291156
8/24/2013	31.59	3%	7%	55%	22%	52%	48%	1784.2289	60.38463	1621.844	3.81	-999	251.22778	681	21890	149.53846	1589.896	11.715	1037.406294	265.4631944	102	65226.2053	69	619492.3846	0.594872
8/25/2013	31.67	2%	7%	55%	1%	11%	89%	1732.540524	62.33372	1628.207	33.02	-999	246.23889	681.1	7146	148.04938	3062.346	10.49	1032.029371	452.3923611	42	567.52464	30	871782.1111	78.77531
8/26/2013	31.74	2%	7%	55%	35%	27%	73%	1826.267412	71.52624	1685.741	2.54	-999	310.43333	681.1	74	154.17971	1803.623	12.86	1044.518881	560.7118056	69	57964.153	63	1029517.783	0
8/27/2013	31.82	1%	7%	55%	23%	46%	54%	1914.327408	65.38808	1752.939	1.02	-999	325.61597	681.1	0	174.48	124.1667	12.95	975.6783217	7.501388889	96	66540.882	92	262053.2	3.306667
8/28/2013	31.90	1%	7%	55%	23%	26%	74%	1846.024412	85.34935	1697.675	1.27	-999	351.53403	681.1	0	165.94286	104.0816	14.26	1054.693007	196.9770833	63	35926.5349	51	522604.7143	73.59456
8/29/2013	31.97	1%	8%	55%	23%	46%	54%	1916.072038	77.58743	1755.485	1.52	-999	464.09028	681.1	0	160.73563	82.18391	14.22	1067.34965	334.6770833	83	65461.5132	91	713394.3103	0
8/30/2013	32.05	1%	8%	55%	23%	46%	54%	1920.59103	74.09523	1731.496	0.00	-999	615.71806	681.1	4839	137.64129	98.70968	15.575	1072.078322	523.3694444	115	63822.0578	93	956694.4581	1.39871
8/31/2013	32.13	1%	8%	55%	23%	45%	55%	1912.574997	59.53824	1778.037	24.13	-999	639.50833	681	0	162.79322	105.9322	13.09	1064.386713	17.05555556	75	66148.7667	96	258982.2373	93.06441
9/1/2013	32.21	1%	8%	55%	24%	45%	55%	1894.412693	55.69527	1715.717	33.78	-999	639.50833	681.1	0	171.25674	115.6028	12.395	1057.304861	212.0173611	123	64717.0935	93	551914.7021	0.09078
9/2/2013	32.28	2%	9%	55%	24%	46%	54%	1889.941884	60.75954	1682.182	8.64	-999	142.11528	681.15	0	171.12057	193.617	12.99	1000.617361	412.1902778	147	64849.6105	99	839967.617	0
9/3/2013	32.36	2%	10%	55%	24%	11%	89%	1780.586398	24.28327	1640.303	0.00	-999	513.68889	681.1	22	163.28205	576.9231	15.335	1198.466667	613.8097222	116	14538.6459	25	1119034.154	0
9/4/2013	32.43	2%	11%	55%	0%	0%	100%	1689.992843	53.71568	1598.277	7.62	-999	386.11389	681.15	0	197.15122	2226.016	14.145	1258.3	21.86458333	38	0	0	315382.7561	89.4374
9/5/2013	32.51	2%	9%	55%	24%	40%	60%	1785.703576	49.41736	1646.286	22.86	-999	590.06944	681.2	6806	161.56735	1551.02	11.695	903.6611111	119.0840278	90	56657.879	95	410943.9796	0
9/6/2013	32.59	2%	9%	55%	33%	46%	54%	1885.251638	49.60536	1713.646	4.57	-999	527.25903	681.2	0	119.3679	1774.691	13.145	1134.183333	301.4625	122	92723.7867	115	605995.7778	57.79259
9/7/2013	32.67	2%	8%	55%	0%	36%	64%	1807.56963	41.13725	1646.432	9.91	-999	396.81806	681.3	6006	159.45532	1860.284	12.245	1146.138889	505.4944444	120	26332.7741	87	963533.6596	11.37021
9/8/2013	32.75	2%	8%	55%	100%	0%	100%	1649.894841	54.30477	1552.59	61.72	-999	670.79028	681.7	6085	181.03566	4134.884	13.655	962.45	187.9288722	43	239.66447	1	537393.3488	178.5736
9/9/2013	32.83	1%	9%	55%	0%	55%	45%	1766.896424	44.854	1673.777	9.91	-999	390.19375	681.75	0	164.32704	5805.66	11.855	1267.642361	92.63055556	48.26506	0	0	370018.9434	20.59874
9/10/2013	32.92	2%	9%	55%	0%	55%	45%	1475.823923	37.38263	1390.176	0.00	-999	580.25972	681.75	0	184.26047	2492.248	11.815	1034.876389	90.08194444	48.26506	0	0	395053.0698	86.69147
9/11/2013	33.00	3%	9%	55%	27%	55%	45%	887.1964809	22.99011	815.9413	6.10	-999	425.55903	681.8	7639	129.95918	1519.048	11.095	1224.434722	87.81944444	48.26506	31256.5848	62	321240.2245	4.391837
9/12/2013	33.08	2%	9%	55%	25%	55%	45%	1708.853929	39.27225	1621.317	9.40	-999	524.78056	681.8	41456	131.22051	1514.103	13.435	1161.777778	69.75138889	48.26506	11211.5039	24	330855.5385	4.569231
9/13/2013	33.16	2%	10%	55%	0%	55%	45%	1692.506269	36.88751	1607.354	0.76	-999	291.69653	681.85	584	169.20401	1238.127	13.745	1507.166667	96.7125	48.26506	0	0	383503.7793	75.95452
9/14/2013	33.24	1%	9%	55%	43%	55%	45%	1706.06395	33.80186	1623.997	0.00	-999	313.99167	681.85	47	137.747	1014.134	12.12	1091.518056	91.78680556	48.26506	5816.08149	18	330575.6749	0
9/15/2013	33.33	2%	8%	55%	0%	55%	45%	1694.527438	29.716	1616.546	0.00	-999	404.96181	681.9	221	158.49931	940.6897	12.415	1145.993056	99.575	48.26506	0	0	371848.0069	2.118621
9/16/2013	33.41	3%	9%	55%	0%	55%	45%	1672	41.23953	1582.495	0.00	-999	116.72431	681.95	15888	140.66187	850.3597	14.73	1304.777778	90.64097222	48.26506	0	0	348964.0935	3.63741
9/17/2013	33.49	2%	11%	55%	0%	0%	100%	1696	47.2	1587.8	17.02	-999	27.126389	681.98	0	164.85373	1135.821	10.26	1272.233333	96.81736111	61	0	0	376806.3731	85.5403
9/18/2013	33.58	1%	12%	55%	0%	0%	100%	1656	45.4	1568.6	35.05	-999	507.69028	682.4	0	103.36101	5032.075	8.1565	1282.677778	92.31736111	42	0	0	281776.8491	75.58239
9/19/2013	33.66	1%	10%	55%	8%	0%	100%	1815	35	1726	54.36	-999	352.98472	682.8	0	143.57421	6975.472	7.7235	1301.911111	143.4798611	54	17974.8352	75	413357.8679	197.1421
9/20/2013	33.75	2%	8%	55%	7%	0%	100%	1889	42	1735	21.34	-999	433.075	683.1	0	149.61101	7634.862	7.829	1629.179861	151.3076389	112	21569.8023	90	433322.8532	181.9523
9/21/2013	33.83	1%	8%	55%	5%	46%	54%	1891	40.2	1703.8	33.27	-999	362.875	683.5	0	145.65586	8391.724	9.475	1661.7	161.8305556	147	13181.5458	55	442780.4414	150.5324
9/22/2013	33.91	1%	8%	55%	25%	32%	68%	1713	391	1216	13.97	-999	0	683.65	11969	156.18586	5142.088	8.127	1478.833333	130.7013889	106	34620.012	34	425086.6364	51.00067
9/23/2013	34.00	1%	8%	55%	0%	0%	100%	1656	40.2	1567.8	6.86	-999	486.54167	683.725	0	288.7619	0	7.3965	1525.183333	108.15	48	0	0	-999	0
9/24/2013	34.08	1%	8%	55%	0%	0%	100%	1656	42	1576	2.03	-999	0	683.8	0	104.03922	0	9.499	1832.129167	103.7381944	38	0	0	239355700.2	55.01117
9/25/2013	34.17	2%	7%	55%	0%	0%	100%	1637	35	1568	0.25	-999	323.55556	683.9	0	167.29524	1613.69	8.474	1451.959722	101.93125	34	0	0	387686.1429	67.45238
9/26/2013	34.25	1%	8%	55%	25%	43%	57%	1752	45.4	1643.6	3.81	-999	250.54444	683.9	12561	160.37209	1558.14	7.2685	1470.030556	162.2645833	63	62040.743	82	477157.814	8.514729
9/27/2013	34.34	1%	7%	55%	25%	47%	53%	1785	43.7	1702.3	12.45	-999	199.10556	684	0	184.37753	1527.341	7.6675	1629.113889	-999	39	70258.8177	86	-999	89.11461
9/28/2013	34.42	1%	7%	55%	24%	11%	89%	1704	28	1645	15.24	-999	70.808333	684.1	4373	140.11353	1790.759	6.691	1748.1375	126.3729167	31	15668.0647	20	388113.4851	3.738614
9/29/2013	34.51	1%	8%	55%	23%	17%	83%	1738	42	1635	3.81	-999	76.177778	684.2	6265	147.41111	1784.722	8.924	1686.086111	149.3541667	61	22701.3062	20	433607	85.32222
9/30/2013	34.59	1%	8%	55%	22%	45%	55%	1896	40.2	1751.8	0.25	-999	40.976389	684.25	80	131.43579	1348.772	8.0325	1362.256944	178.5576389	104	63274.6155	60	446470.5368	8.303158
10/1/2013	34.68	2%	7%	55%	22%	43%	57%	1783	40.2	1628.8	0.00	-999	40.5375	684.25	5518	155.85648	1006.645	10.303	1047.750153	168.4534722	114	55397.1044	62	472524.3289	5.448505
10/2/2013	34.76	2%	8%	55%	0%	0%	100%	974	17.5	920.5	7.87	-999	653.34851	684.3	3502	188.06369	1170.701	8.4575	1049.071799	92.41388889	36	0	0	407389.7197	67.1949
10/3/2013	34.85	2%	8%	55%	26%	41%	59%	1850	36.7	1660.3	0.51	-999	653.20946	684.3	47	130.53694	999.0991	7.8235	1050.143018	172.1541667	153	62989.2151	94	435922.1892	7.322523
10/4/2013	34.93	2%	9%	55%	0%	16%	84%	1793	50.7	1638.3	34.54	-999	652.73616	684.6	12625	153.2043	3013.978	6.8545	1051.489141	-999	104	-999	-999	-999	74.4172
10/5/2013	35.01	2%	7%	55%	0%	0%	100%	1745	43.7	1620.3	35.31	-999	651.83071	684.8	0	166.60915	5784.967	5.5725	1052.935892	-999	81	-999	-999	-999	143.9137
10/6/2013	35.09	1%	8%	55%	0%	43%	57%	1906	55.9	1718.1	6.60	-999	650.80603	684.8	44	-999	3388.596	6.2505	1054.053582	-999	132	-999	-999	-999	91.96842
10/7/2013	35.17	1%	8%	55%	0%	44%	56%	1940	42	1773	0.00	-999	650.2113	684.8	4102	277.61159	1922.464	7.044	1055.494985	-999	125	-999	-999	-999	22.31304
10/8/2013	35.25	1%	9%	55%	0%	54%	46%	1496.764234	42.08025	1404.45	0.00	-999	649.59167	684.8	3742	177.69057	1493.75	5.753	1056.722961	-999	50.23408	-999	-999	-999	13.22264

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
10/9/2013	35.33	2%	11%	55%	0%	54%	46%	1496.764234	42.08025	1404.45	16.51	-999	649.01132	685.1	0	146.30698	2050.943	4.3455	1058.01971	-999	50.23408	-999	-999	-999	78.31318
10/10/2013	35.41	2%	12%	55%	0%	54%	46%	1496.764234	42.08025	1404.45	16.26	-999	648.43863	685.15	0	193.66667	4545.139	5.9605	1058.999429	-999	50.23408	-999	-999	-999	113.4389
10/11/2013	35.48	2%	11%	55%	0%	54%	46%	1496.764234	42.08025	1404.45	14.99	-999	647.73823	685.2	0	156.63505	2501.149	5.728	1060.581618	-999	50.23408	-999	-999	-999	12.20069
10/12/2013	35.56	2%	12%	55%	0%	54%	46%	1496.764234	42.08025	1404.45	12.19	-999	647.00195	685.2	0	152.41275	1666.667	5.7515	1061.64285	-999	50.23408	-999	-999	-999	72.49159
10/13/2013	35.64	3%	12%	55%	0%	54%	46%	1496.764234	42.08025	1404.45	0.51	-999	645.90994	685.2	0	187.67719	1612.281	5.8845	1063.209254	-999	50.23408	-999	-999	-999	12.80702
10/14/2013	35.72	2%	13%	55%	0%	54%	46%	1496.764234	42.08025	1404.45	21.84	-999	644.86809	685.55	10154	126.28889	3738.194	6.333	1064.581423	-999	50.23408	-999	-999	-999	130.1611
10/15/2013	35.80	2%	10%	55%	0%	45%	55%	1930	55.9	1757.1	13.97	-999	643.90699	685.65	23975	186.96629	4807.491	7.084	1065.871919	-999	117	-999	-999	-999	9.114607
10/16/2013	35.88	2%	8%	55%	23%	48%	52%	1763	48.9	1657.1	8.89	-999	642.77132	685.75	23198	127.17624	2656.106	5.777	1067.402248	175.8451389	57	63527.4688	89	459548.7822	82.73531
10/17/2013	35.96	1%	10%	55%	43%	22%	78%	1658	66.4	1567.6	1.27	-999	642.09739	685.8	30940	144.96865	1734.054	4.834	1068.918291	112.6951389	24	53143.3433	149	401975.8541	12.99459
10/18/2013	36.04	3%	14%	55%	0%	0%	100%	1591	33.2	1537.8	1.52	-999	642.15479	685.85	17650	174.37288	1588.136	3.306	1070.610574	103.5083333	20	0	0	417798.9492	103.5932
10/19/2013	36.12	2%	15%	55%	11%	36%	64%	1340	36.7	1254.3	8.13	-999	641.94918	685.95	51560	232.92121	1562.879	5.2545	1072.266288	146.0048611	49	17735.1708	74	597213.5455	9.490909
10/20/2013	36.21	2%	13%	55%	25%	47%	53%	1881	38.5	1717.5	20.07	-999	641.89446	686.1	18090	95.473973	4492.466	7.3085	1073.440303	189.9277778	125	72507.9688	115	429068.5205	105.5123
10/21/2013	36.28	3%	14%	55%	25%	72%	28%	1763	40.2	1660.8	24.13	-999	641.80872	686.2	18093	145.89296	4110.563	7.338	1075.038913	152.7104167	62	40851.7675	67	448081.8592	33.41972
10/22/2013	36.32	2%	14%	55%	51%	67%	33%	1691	55.9	1531.1	0.00	-999	641.66647	686.3	31652	150.45047	2622.082	5.5635	1076.620084	159.0555556	104	91862.4223	83	477340.6814	54.70284
10/23/2013	36.35	2%	11%	55%	10%	50%	50%	1718	33.2	1579.8	0.51	-999	641.52006	686.4	19467	163.22443	2302.29	4.0105	1077.747241	202.3652778	105	27275.5642	109	545916.1756	47.32214
10/24/2013	36.40	2%	9%	55%	25%	53%	47%	1688	47.2	1553.8	45.97	-999	640.65565	686.75	18961	154.51086	7626.966	5.662	1079.125106	199.5347222	87	74078.3783	113	528786.6404	221.4824
10/25/2013	36.46	2%	9%	55%	26%	49%	51%	1854	40.2	1683.8	2.29	-999	640.65218	686.85	24401	122.07603	4080.441	6.0855	1079.826801	191.3041667	130	76538.4781	119	475668.4876	72.17245
10/26/2013	36.52	2%	8%	55%	27%	31%	69%	1789	36.7	1675.3	25.40	-999	640.22643	687	28719	159.03439	4974.737	7.018	1081.38794	150.3888889	77	49535.7739	71	474288.5158	69.11439
10/27/2013	36.57	2%	8%	55%	24%	53%	47%	1630	50.7	1514.3	11.43	-999	639.42264	687.1	17579	155.5134	4098.969	6.7125	1082.34975	190.5277778	65	69027.2678	84	515878.299	58.80412
10/28/2013	36.63	3%	8%	55%	24%	51%	49%	1653	61.2	1528.8	0.00	-999	638.68956	687.1	33761	152.66032	2415.873	4.791	1083.779907	187.3180556	63	65832.0911	77	523329.8571	39.5746
10/29/2013	36.69	3%	7%	55%	22%	29%	71%	1755	78.7	1613.3	2.29	-999	637.95005	687.2	29921	176.33401	1915.825	5.709	1085.194004	140.9201389	63	37305.692	43	486766.9697	62.87946
10/30/2013	36.76	2%	7%	55%	23%	45%	55%	1923	68.2	1775.8	8.13	-999	637.16586	687.3	18395	165.82047	1784.252	4.9725	1086.479306	174.9534722	79	64936.7656	66	509109.4803	12.57323
10/31/2013	36.83	2%	8%	55%	22%	45%	55%	1919	73.4	1744.6	22.35	-999	636.45156	687.35	19816	168.36923	2894.314	5.223	1087.905126	184.4041667	101	62268.8425	59	527809.6923	94.46421
11/1/2013	36.88	3%	11%	55%	24%	47%	53%	1761	43.7	1617.3	2.79	-999	439.875	687.35	11138	150.79024	2334.495	4.713	1674.833333	182.3708333	100	60107.0298	54	490889.9512	67.88014
11/2/2013	36.90	2%	9%	55%	18%	46%	54%	1893	59.4	1695.6	4.32	-999	340.13611	687.4	14045	157.7172	1721.379	3.192	1449.058333	179.7951389	138	73829.2739	73	500062.7643	30.81274
11/3/2013	36.94	2%	8%	55%	23%	46%	54%	2006	55.9	1802.1	0.00	-999	367.71667	687.4	10894	196.925	1182.857	1.8885	1593.036111	180.8208333	148	69375.3777	90	554848	8.90625
11/4/2013	36.97	2%	8%	55%	4%	22%	78%	1750	52.4	1629.6	0.25	-999	235.93542	687.4	10261	117.4146	1078.095	0.7215	1243.213889	130.9479167	68	33357.9934	54	367903.0286	77.01333
11/5/2013	37.01	3%	9%	55%	26%	0%	100%	1436	36.7	1357.3	4.32	-999	366.31736	687.45	11022	180.63719	1254.737	-0.218	1380.588889	159.1409722	42	56024.7254	86	500302.5579	8.999298
11/6/2013	37.06	3%	11%	55%	24%	42%	58%	538	0	485	21.08	-999	160.99722	687.55	24638	88.851667	2027.5	2.212	1539.163889	61.24652778	53	17620.9407	23	240779.4	100.4467
11/7/2013	37.12	2%	10%	55%	25%	52%	48%	1777	71.7	1525.3	3.81	-999	0	687.6	29379	92.58018	2136.336	2.043	1612.544444	171.5986111	180	69287.7172	95	409796.4595	11.68048
11/8/2013	37.18	4%	9%	55%	25%	54%	46%	1682	45.4	1469.6	1.78	-999	362.55833	687.6	10695	181.99612	1613.592	1.0595	1324.05	175.3569444	167	70636.0782	99	525283.4078	83.83172
11/9/2013	37.24	1%	9%	55%	26%	51%	49%	1769	31.5	1581.5	0.00	-999	310.80833	687.6	14578	163.45143	1165	-1.6775	1538.375	174.1097222	156	75378.2668	102	500666.0571	7.645714
11/10/2013	37.31	2%	10%	55%	28%	11%	89%	1475	50.7	1301.3	0.00	-999	464.875	687.6	9854	170.28414	948.9655	-2.895	1456.833333	111.5958333	123	14938.8006	31	415761.1586	79.83448
11/11/2013	37.37	2%	12%	55%	25%	47%	53%	1873	43.7	1675.3	0.00	-999	333.96389	687.6	14209	191.25581	753.4884	-2.62	1506.322222	174.5152778	154	61900.5392	95	540919.3721	8.266667
11/12/2013	37.44	3%	14%	55%	27%	51%	49%	1866	42	1519	0.76	-999	328.07778	687.6	10742	169.22791	751.1628	1.512	839.9534722	183.4041667	305	75747.6932	128	518532.186	12.35349
11/13/2013	37.50	2%	13%	55%	11%	48%	52%	1907	31.5	1642.5	2.79	-999	356.94167	687.6	10420	140.59943	306.5527	0.368	1315.515972	106.5965278	233	30961.3378	33	366382.1795	67.15897
11/14/2013	37.55	1%	13%	55%	0%	22%	78%	1744	42	1540	0.76	-999	171.26111	687.62	49599	152.39716	1220.567	-0.2335	1573.233333	0	162	0	0	269050.9149	11.17163
11/15/2013	37.56	1%	11%	55%	0%	41%	59%	1936	35	1659	16.26	-999	101.56389	687.7	30955	176.96311	1090.615	1.3865	1602.336111	0	242	0	0	285781.8738	6.187702
11/16/2013	37.57	1%	13%	55%	0%	2%	98%	1669	40.2	1428.8	0.00	-999	263.36667	687.7	31805	191.53333	930.303	-1.413	1589.6	0	200	0	0	307613	91.27879
11/17/2013	37.59	2%	13%	55%	0%	0%	100%	1639	42	1472	0.00	-999	143.78333	687.7	19128	152.51382	671.5447	-5.749	1443.566667	0	125	0	0	238747.9024	6.686179
11/18/2013	37.61	1%	13%	55%	0%	0%	100%	1681	31.5	1598.5	0.00	-999	479.39583	687.7	46892	119.05939	462.4242	-8.9605	1464.222222	0	51	0	0	218337.5273	0
11/19/2013	37.64	2%	14%	55%	0%	0%	100%	1680	42	1485	0.00	-999	172.8875	687.5	68433	140.57622	358.042	-11.325	1474.238889	0	153	0	0	270862.7622	0.033566
11/20/2013	37.66	1%	14%	55%	0%	0%	100%	1680	48.9	1505.55	0.00	-999	540.60556	687.52	38297	189.28552	242.7586	-13.895	1496.688889	0	125.55	0	0	310868.1448	0
11/21/2013	37.65	1%	13%	55%	0%	0%	100%	1669	57.7	1471.8	0.00	-999	21.883333	687.55	21542	177.65079	324.6032	-11.6	1594.033333	0	139.5	0	0	277359.1429	0.050794
11/22/2013	37.66	3%	11%	55%	0%	0%	100%	1637	40.2	1457.3	0.00	-999	143.66667	687.65	9495	132.96519	405.8997	-8.951	1394.422222	0	139.5	0	0	200964.8761	0.080236
11/23/2013	37.67	2%	12%	55%	0%	24%	76%	1690	36.7	1499.85	40.39	-999	403.12222	687.8	7477	69.522741	3221.807	-1.7775	1363.733333	0	153.45	0	0	107589.7477	0.037383
11/24/2013	37.68	2%	10%	55%	0%	39%	61%	1885	75.2	1591.25	22.61	-999	0	688	9116	301.63478	1777.778	1.282	1412.144444	0	218.55	0	0	443470.087	0.142995
11/25/2013	37.69	2%	12%	55%	26%	44%	56%	1819	55.9	1507.35	0.00	-999	156.57222	688.05	10164	130.85109	1251.429	-2.3025	1313.305556	69.62708333	255.75	305387.396	508	298852.5701	0.074766
11/26/2013	37.70	3%	9%	55%	25%	48%	52%	1892	78.7	1604.05	0.76	-999	411.87778	688.05	8876	155.29931	800	-1.661	1306.783333	179.3798611	209.25	67995.3026	97	490814.0069	0.071724
11/27/2013	37.73	3%	9%	55%	23%	44%	56%	1919	54.2	1618.35	13.46	-999	379.51111	688.1	21903	176.2687	794.6565	1.779	1253.144444	170.8388889	246.45	56656.4432	64	521737.9313	0.073282
11/28/2013	37.76	3%	12%	55%	23%	46%	54%	1936	61.2	1642.3	30.99	-999	315.53333	688.4	0	180.40284	4224.113	1.898	1279.827778	188.5861111	232.5	62015.5183	66	531344.0851	0.073759
11/29/2013	37.78	4%	13%	55%	24%	64%	36%	888	35	746.05	8.38	-999	479.93889	688.5	11107	121.76464	3172.174	1.708	1366.666667	113.1840278	106.95	40115.992	43	349433.0783	57.70203
11/30/2013	37.79	3%	8%	55%	0%	0%	100%	0	1.7	0	10.16	-999	295.12222	688.5	66	133.42268	1636.426	-1.9995	812.7333333	71.025	0	0	0	294470.6598	285.6027
12/1/2013	37.80	3%	12%	55%	24%	27%	73%	1040	21	870.2	0.00	-999	276.48889	688.25	0	134.8125	1001.389	-8.072	1242.030556	107.7159722	148.8	19823.8071	24	349241	282.7
12/2/2013	37.77	2%	13%	55%	24%	49%	51%	1962	45.4	1623.65	0.00	-999	220.17778	688.25	0	165.52727	721.9697	-7.971	503.2361111	181.5430556	292.95	66942.4593	86	499781.2727	105.4242
12/3/2013	37.79	3%	14%	55%	27%	20%	80%	1691	36.7	1496.3	0.00	-999	379.46111	688.3	14365	175.63688	587.234	-4.307	1151.977778	123.8944444	158	28983.8234	48	445690.1064	11.34184
12/4/2013	37.81	2%	13%	55%	28%	5%	95%	1637	69.9	1451.1	0.00	-999	272.18889	688.4	18274	153.57377	492.623	-4.2335	1230.111111	104.3625	116	7215.9513	14	389702.2295	3.022951
12/5/2013	37.83	2%	11%	55%	25%	27%	73%	1114	40.2	961.8	0.00	-999	247.29444	688.45	11938	117.51166	411.0429	-6.107	1264.798611	129.45625	112	22904.1748	33	367571.7853	0.127607
12/6/2013	37.85	3%	11%	55%	24%	49%	51%	1964	59.4	1653.1	0.00	-999	354.42222	688.5	0	141.88444	416.2963	-1.946	1238.620833	198.2430556	251.5	70189.5655	101	489783.6	0.16
12/7/2013	37.88	2%	12%	55%	24%	48%	52%	1983	47.2	1669.8	0.00	-999	317.66111	688.5	0	161.96129	313.2616	-5.217	1127.691667	190.34375	266	69900.6638	103	507319.2581	0.166308
12/8/2013	37.91	2%	10%	55%	24%	47%	53%	1975	57.7	1685.3	0.00	-999	480.97222	688.5	9798	133.32389	313.2743	-4.7435	1130.133333	193.0041667	232	69361.5645	102	479710.4071	0.174631
12/9/2013	37.93	2%	10%	55%	25%	27%	73%	1820	43.7	1553.3	0.00	-999	0	688.5	0	173.86667	339.2593	-3.588	1052.333333	158.8298611	223	37147.1709	60	479083	0.18963
12/10/2013	37.95	1%	11%	55%	0%	0%	100%	1543	35	0	9.40	-999	0	688.55	0	188.66196	362.3529	-2.435	1152.911111	95.68194444	102	0	0	409455.2235	0.181961
12/11/2013	37.96	2%	13%	55%	0%	0%	100%	1646	50.7	0	20.60	-999	291.42222	688.65	17649	158.38316	359.2982	-0.691	1047.511111	99.25694444	93	0	0	388650.7474	0.196491
12/12/2013	37.97	3%	14%	55%	0%	0%	100%	1636	59.4	0	6.90	-999	548.73333	688.925	14818	154.03537	442.1769	-1.5585	1000.266667	77.97708333	79	0	0	348915.9388	0.195918
12/13/2013	37.98	3%	14%	55%	25%	44%	56%	1847	47.2	1664.8	34.50	-999	450.11111	688.925	0	129.2478	426.4151	-6.0365	1093.755556	197.3916667	135	64268.3155	104	470360.8302	0.206289
12/14/2013	37.99	3%	15%	55%	24%	51%	49%	1904	47.2	1665.8	36.80	-999	484.86111	688.925	0	136.9697	924.2424	-2.247	998.0888889	216.7166667	191	72833.5436	105	509308.3636	0.170447
12/15/2013	38.02	3%	16%	55%	25%	34%	66%	1628	50.7	1452.3	11.70	-999	418.30556	688.925	0	119.36509	4948.003	1.783	931.5555556	171.44375	125	44937.0959	72	418764.7234	0.216667
12/16/2013	38.05	2%	14%	55%	21%	0%	100%	1639	82.2	0	0.00	-999	364.38333	689.2	0	177.51842	8971.764	-1.3905	944.8888889	104.9694444	98	3158.62631	4	406782.5245	0.181961
12/17/2013	38.08	2%	11%	55%	23%	48%	52%	1884	59.4	1657.2	0.00	-999	470.20208	689.25	13964	156.6	1275.694	-3.015	1221.266667	191.7763889	167.4	65322.9324	89	515626	0.183333
12/18/2013	38.12	1%	8%	55%	23%	54%	46%	1647	80.4	1472.8	0.00	-999	391.67569	689.3	0	147.76599	776.1905	-8.7685	617.8138889	193.4284722	93.8	64004.9935	80	491320.0204	2.487075
12/19/2013	38.16	1%	9%	55%	22%	49%	51%	1852	45.4	1597.3	0.00	-999	392.44444	689.3	0	143.00215	607.8853	-11.995	955.9638889	196.2	209.3	59847.9641	70	488451.0968	0
12/20/2013	38.21	2%	10%	55%	22%	48%	52%	1936	59.4	1620.8	6.10	-999	352.47778	689.9	10860	150.48496	561.6519	-8.28	1116.688889	200.50625	255.8	59396.4666	66	516287.3363	0
12/21/2013	38.25	2%	11%	55%	23%	41%	59%	1854	62.9	1544.6	0.80	-999	530.90139	689.3	0	171.15362	486.2319	-6.09	689.3333333	183.9493056	246.5	51693.1483	60	511348.2174	0
12/22/2013	38.30	2%	10%	55%	22%	48%	52%	1935	43.7	1621.6	30.20	-999	473.30903	689.3	7179	159.12533	540.6667	-5.398	969.3111111	212.7965278	269.7	61578.1802	73	542746.48	10.352
12/23/2013	38.35	2%	12%	55%	23%	47%	53%	1927	45.4	1704.9	14.70	-999	411.92014	689.3	0	126.38699	606.5041	-1.6235	948.7333333	197.4263889	176.7	64706.8281	84	466291.2683	0
12/24/2013	38.38	2%	11%	55%	23%	44%	56%	1860	35	1762.1	37.30	-999	514.80833	689.3	7206	42.143396	700.6289	0.65	910.3333333	207.0659722	62.9	64655.8213	89	366067.4906	0
12/25/2013	38.42	2%	10%	55%	24%	34%	66%	1815	54.2	1602.7	15.20	-999	261.92222	689.3	0	321.84742	748.4536	-0.334	910.7777778	166.3013889	158.1	47122.7662	78	702934.2887	0

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
12/26/2013	38.46	2%	10%	55%	23%	32%	68%	1831	33.2	1662.9	17.30	-999	398.10139	689.35	0	123.55368	1491.93	1.4775	835.8666667	175.6229167	134.9	43416.0273	56	430814.3053	0
12/27/2013	38.47	2%	11%	55%	28%	25%	75%	1049	24.5	945.5	2.30	-999	336.21944	689.55	0	145.69796	2146.259	0.413	960.1763889	149.1555556	79	23676.0371	47	424589.0612	0
12/28/2013	38.48	2%	11%	55%	22%	49%	51%	1863	47.2	1587.8	24.90	-999	377.01597	689.65	10466	155.48889	1311.806	-3.048	837.6680556	227.9777778	228	61444.9138	78	562658	0
12/29/2013	38.52	2%	11%	55%	23%	32%	68%	1712	36.7	1489.3	1.80	-999	403.98472	689.75	11281	130.93517	1159.31	-2.0415	897.8444444	170.4263889	186	39055.5344	47	445241.6483	0
12/30/2013	38.55	3%	11%	55%	22%	46%	54%	1909	29.7	1716.3	0.00	-999	312.16181	689.8	0	184.08631	1004.149	-1.073	829.6	218.6520833	163	63137.3272	78	579943.2822	0.06639
12/31/2013	38.58	3%	12%	55%	23%	48%	52%	1921	20.7	1630.3	23.90	-999	350.53542	689.9	0	134.51228	906.6667	-2.582	894.5555556	221.6111111	270	64735.6519	75	512817.6842	0
1/1/2014	0.00	3%	10%	55%	23%	51%	49%	1867	59.4	1551.6	26.78	-999	454.30347	690	0	115.49091	856.3636	0.6945	851.6666667	213.2083333	256	66393.4623	83	473326.9091	0
1/2/2014	0.00	4%	10%	55%	23%	49%	51%	1889	55.9	1619.1	17.50	-999	476.21944	690.1	0	173.64979	3959.336	0.5	827.3777778	202.6131944	214	65077.2082	85	541818.7012	0
1/3/2014	0.00	5%	12%	55%	23%	49%	51%	1863	42	1626	2.00	-999	449.04097	690.2	4197	133.48571	2635.258	-0.25	697.6888889	211.8069444	195	66360.506	88	501418.4286	1.90152
1/4/2014	0.00	3%	9%	55%	24%	18%	82%	1667	47.2	1470.8	11.80	-999	218.25556	690.25	0	192.40635	1534.921	-0.9	834.9111111	140.1548611	149	22340.439	32	478888.1429	275.0921
1/5/2014	0.00	3%	11%	55%	4%	43%	57%	1662	48.9	1427.1	32.30	-999	440.88681	690.3	0	156.68148	1070.034	-0.25	761.9326389	187.8326389	186	8037.96103	69	496100.3333	9.045118
1/6/2014	0.00	3%	12%	55%	0%	45%	55%	1654	29.7	1457.3	6.60	-999	343.95694	690.4	4200	126.7474	1087.018	0.65	926.8215278	-999	167	-999	-999	0	0.797554
1/7/2014	0.00	2%	13%	55%	24%	46%	54%	1978	31.5	1755.5	13.20	-999	435.48472	690.45	0	190.77966	796.5278	0.5	926.0847222	224.2847222	191	70120.2531	116	597692.7119	0.671186
1/8/2014	0.00	2%	11%	55%	10%	50%	50%	1971	55.9	1696.1	5.80	-999	483.71111	690.5	0	117.84161	1188.889	0.7	816.3166667	221.5784722	219	31154.8877	130	488764.9195	1.589262
1/9/2014	0.00	3%	10%	55%	12%	30%	70%	1757	48.9	1485.1	10.70	-999	609.37639	690.55	0	150.70734	1763.194	0.55	815.4222222	22.58055556	223	83875.1452	137	249534.5763	0
1/10/2014	5.58	2%	9%	55%	27%	37%	63%	1704	31.5	1514.5	1.80	-999	564.15556	690.55	0	153.64961	1491.667	-0.2	878.8	14.72569444	158	54055.3279	89	242460.4419	0
1/11/2014	5.21	2%	10%	55%	0%	0%	100%	1651	31.5	0	2.00	-999	572.13889	690.55	0	184.27317	1168.056	-2.5	843.6479167	0.002777778	135	0	0	265357.3659	0
1/12/2014	4.89	2%	11%	55%	0%	0%	100%	1648	62.9	0	20.30	-999	651.89444	690.65	11442	139.31034	1006.433	-1.25	882.3965278	0.000694444	135	0	0	212049.8966	295.1954
1/13/2014	4.65	3%	10%	55%	0%	0%	100%	1354	42	0	27.90	-999	415.25833	690.7	0	196.29333	875.8333	0.65	744.8888889	-999	112	-999	-999	0	277.8533
1/14/2014	12.77	2%	10%	55%	0%	0%	100%	173	15.7	0	53.80	-999	282.50694	691.05	6263	193.18519	1156.902	1.85	781.9111111	-999	5	-999	-999	0	254.3569
1/15/2014	9.95	3%	11%	55%	27%	46%	54%	1123	33.2	1061.8	3.00	-999	302.53472	691.4	0	171.9262	7933.579	2.05	963.3111111	9.184722222	28	46372.253	56	260799.7269	253.8509
1/16/2014	16.07	2%	11%	55%	26%	23%	77%	1566	54.2	1311.8	3.00	-999	658.56806	691.6	0	145.97086	3876.821	2.05	622.4	5.504861111	200	28242.397	33	218125.0397	248.5854
1/17/2014	26.00	2%	11%	55%	25%	52%	48%	1801	43.7	1534.3	19.60	-999	390.25833	691.9	12583	153.66038	6162.893	2.45	662.2222222	12.95833333	223	70532.1934	78	252513.9434	252.8931
1/18/2014	24.65	2%	9%	55%	8%	48%	52%	1936	52.4	1669.6	1.80	-999	551.16667	692	3855	173.24651	4414.729	5	584.75	15.37986111	214	22287.7274	93	275476.9767	251.2992
1/19/2014	20.51	2%	8%	55%	9%	54%	46%	1979	42	1607	5.80	-999	543.26111	692.1	4536	168.9641	3590.385	4.7	624.9388889	18.47013889	330	26841.134	112	274441.3077	149.8
1/20/2014	15.06	1%	9%	55%	9%	51%	49%	1989	43.7	1675.3	1.50	-999	37.7	692.15	0	151.57778	2531.25	1.8	650.3555556	18.30347222	270	26601.4811	111	244629	0.877778
1/21/2014	12.15	2%	10%	55%	0%	38%	62%	1214	33.2	1003.8	1.50	-999	734.26806	692.2	0	201.62667	2063.333	0.8	600.3555556	-999	177	-999	-999	0	0
1/22/2014	15.28	2%	0%	55%	100%	12%	88%	518	0	476	1.30	-999	643.32361	692.25	6827	-999	1800.592	3.15	613.5215278	13.75069444	42	19891.1975	83	26628	0
1/23/2014	94.09	2%	11%	55%	34%	18%	82%	1699	48.9	1483.1	16.80	-999	740.09722	692.6	10543	-999	5906.849	4.25	644.5451389	128.7708333	167	32897.8359	80	195973	0
1/24/2014	94.41	2%	12%	55%	24%	16%	84%	1727	40.2	1505.8	12.90	-999	241.54167	692.8	8772	166.38013	8569.536	6.05	664.6666667	116.3638889	181	20864.0608	31	415923.3907	264.0583
1/25/2014	45.23	2%	12%	55%	9%	36%	64%	1851	54.2	1573.8	0.00	-999	508.36667	692.9	0	191.06143	5916.429	5.45	765.2222222	160.3	223	17255.0147	72	505960.4571	265.7314
1/26/2014	30.63	2%	11%	55%	8%	49%	51%	1948	42	1632	0.00	-999	623.72917	692.95	3467	143.79187	3940.65	5.8	920.1777778	187.9270833	274	23485.9923	98	481142.2927	292.787
1/27/2014	27.12	2%	11%	55%	26%	34%	66%	1807	40.2	1543.8	0.00	-999	308.17083	693	0	198.49176	2923.297	5.5	959.4	155.5506944	223	47573.7892	70	509821.129	250.4201
1/28/2014	26.46	2%	11%	55%	10%	28%	72%	1819	45.4	1559.6	0.00	-999	559.34167	693.1	0	155.37404	2878.596	5.45	885.9777778	138.3729167	214	15337.7909	64	422995.6105	233.8414
1/29/2014	26.01	3%	12%	55%	8%	28%	72%	1865	43.7	1681.3	7.10	-999	631.93264	693.1	16125	162.75942	2979.71	3.35	997.2666667	142.5361111	140	13899.873	58	455750.5652	35.67536
1/30/2014	21.28	2%	10%	55%	8%	49%	51%	1869	22.7	1595.3	0.00	-999	604.23125	693.2	2891	171.37067	2789.333	1.95	968.7111111	182.3416667	251	21568.7684	90	512236.76	166.9867
1/31/2014	17.27	2%	9%	55%	8%	50%	50%	1974	47.9	1666.1	0.00	-999	498.16667	693.2	10201	175.18545	2412.121	2	951.2888889	185.89375	260	24204.9512	101	530155.0545	63.07879
2/1/2014	14.71	2%	9%	55%	8%	53%	47%	1983	36.7	1602.3	0.00	-999	561.73611	693.2	5038	154.53867	1692.667	-1.4695	824.4666667	182.5444444	344	24684.2572	103	490437.68	7.082667
2/2/2014	12.81	1%	13%	55%	8%	51%	49%	1990	52.4	1649.6	0.00	-999	650.71389	693.2	494	149.48889	1418.75	0.39	779.8444444	185.1541667	288	25163.5632	105	482380	59.76111
2/3/2014	11.26	1%	13%	55%	10%	9%	91%	1866	43.7	1650.3	0.00	-999	476.05556	693.2	9368	202.79365	1269.841	0.6225	970.5777778	92.67430556	172	5272.36561	22	434841.8571	7.568254
2/4/2014	10.25	2%	15%	55%	10%	42%	58%	1880	38.5	1576.5	0.00	-999	375.44444	693.2	122	172.6099	1136.634	-1.7985	749.3111111	173.4555556	265	22527.3804	94	498456.2574	12.63102
2/5/2014	9.69	1%	13%	55%	26%	60%	40%	1919	47.2	1643.8	0.00	-999	530.375	693.15	483	151.27273	971.0438	-2.3775	778.5111111	210.1784722	228	90832.2277	145	520972.7273	11.32391
2/6/2014	9.16	2%	16%	55%	26%	56%	44%	1983	52.4	1674.6	0.00	-999	559.775	693.1	12791	142.65946	866.8919	-3.4625	821.2888889	206.6069444	256	86779.9136	135	515734.6216	11.37838
2/7/2014	8.52	2%	17%	55%	28%	59%	41%	1968	61.2	1650.8	0.00	-999	570.26667	693.1	0	166.61022	789.0511	-6.195	748.9333333	213.35	256	95856.2402	147	547142.7153	9.810219
2/8/2014	8.12	2%	15%	55%	28%	56%	44%	1982	45.4	1713.6	0.00	-999	544.54722	693.1	0	144.6029	736.9565	-5.8715	809.6666667	222.5111111	223	95131.889	151	528644.1739	10.44638
2/9/2014	7.56	2%	13%	55%	27%	55%	45%	1957	33.2	1718.8	0.00	-999	495.36944	693.1	0	164.03252	674.7967	-6.465	819.5722222	213.2520833	205	88671.0806	140	543289.8293	6.686179
2/10/2014	7.08	2%	14%	55%	25%	52%	48%	1817	38.5	1638.5	0.00	-999	476.29097	693.1	6912	125.17531	645.679	-9.516	965.4166667	185.9555556	140	77439.6274	115	454940.4444	92.65185
2/11/2014	6.67	2%	14%	55%	26%	56%	44%	1982	21	1612	0.00	-999	595.69514	693.1	7096	180.42553	543.2624	-10.505	921.9666667	188.8166667	349	83298.1043	129	538804.766	263.4213
2/12/2014	6.29	2%	14%	55%	27%	26%	74%	1791	48.9	1523.1	0.00	-999	650.06389	693.1	0	141.58367	491.8367	-13.14	1085.178472	143.56875	219	37639.7696	58	410619.4898	290.2639
2/13/2014	6.45	1%	11%	55%	11%	35%	65%	1839	38.5	1535.5	0.00	-999	662.14861	693.05	0	201.25217	362.3188	-14.53	997.7326389	149.9347222	265	20610.1565	86	505709.1304	216.8522
2/14/2014	7.82	2%	10%	55%	0%	47%	53%	1913	43.7	1595.3	5.84	-999	637.99236	693	6984	169.01224	451.0204	-7.346	1025.644444	170.7479167	274	61432.4858	78	496238.6327	73.15374
2/15/2014	7.48	2%	11%	55%	25%	54%	46%	1717	52.4	1394.6	14.73	-999	605.13958	693	0	136.08421	445.614	-1.6435	1043.666667	180.8652778	270	69005.9993	91	456407.2632	11.70526
2/16/2014	7.04	2%	10%	55%	25%	57%	43%	1945	40.2	1513.8	7.90	-999	598.26667	693	4390	164.32239	473.1343	0.85	862.4222222	216.6930556	391	76724.5102	99	553052.2388	12.2209
2/17/2014	6.80	2%	11%	55%	24%	56%	44%	1847	52.4	1520.6	7.40	-999	506.525	692.7	2676	144.21167	458.3658	-2.1	894.2888889	186.9291667	274	73959.4401	101	479518.8093	38.08249
2/18/2014	6.45	2%	10%	55%	24%	43%	57%	1888	35	1537	5.60	-999	526.68611	692.8	25049	163.59619	424.127	-2.25	869.3111111	152.8430556	316	57405.5168	77	480721.5143	240.96
2/19/2014	6.23	2%	12%	55%	24%	51%	49%	1984	36.7	1659.3	0.51	-999	634.49167	692.7	3768	154.71206	336.1702	-1.2225	836.4222222	178.63125	288	73094.1597	92	483782.3617	18.53617
2/20/2014	6.01	1%	10%	55%	24%	56%	44%	1991	36.7	1545.3	0.00	-999	756.53889	692.7	0	168.28527	299.2248	-2.7305	853.5875	179.8708333	409	75286.5051	96	501344.7907	13.15349
2/21/2014	5.79	2%	8%	55%	24%	55%	45%	1978	55.9	1578.1	0.00	-999	724.86944	692.7	0	148.29767	228.4884	-3.175	902.4569444	179.1520833	344	73474.8085	103	471527.6512	14.16279
2/22/2014	5.58	2%	8%	55%	24%	54%	46%	1980	57.7	1634.3	0.00	-999	689.26389	692.7	0	163.45	215.625	-4.8005	869.9777778	182.15	288	75111.7182	104	497664	11.65
2/23/2014	5.40	2%	8%	55%	24%	55%	45%	1984	61.2	1545.8	0.00	-999	755.25	692.7	106	155.05067	214.6667	-5.1195	852.9333333	181.8506944	377	71468.2558	100	485243.96	9.306667
2/24/2014	5.25	1%	10%	55%	25%	55%	45%	1915	47.2	1578.8	0.00	-999	618.11667	692.65	2890	155.26667	192.3611	-3.597	722.0333333	182.2208333	289	79105.4974	114	488872	13.51111
2/25/2014	5.08	1%	11%	55%	26%	28%	72%	1501	38.5	1211.5	0.00	-999	537.32222	692.6	16473	166.59394	181.0606	-1.7465	736.2555556	124.1041667	251	31641.9225	54	435078.2727	15.8
2/26/2014	4.97	0%	0%	55%	14%	0%	100%	0	0	0	0.00	-999	759.23889	692.6	18238	209.88527	183.7209	-1.354	994.2222222	59.22083333	0	239.652982	1	405750.7907	38.30078
2/27/2014	4.87	1%	9%	55%	15%	30%	70%	1384	15.7	1080.3	0.00	-999	403.38889	692.6	11793	120.22252	23.84106	3.9835	606.3555556	144.5243056	288	-17195.1974	42	393028.4238	82.91391
2/28/2014	4.78	1%	8%	55%	40%	62%	38%	1974	79.2	1471.8	0.00	-999	290.80556	692.55	0	145.6997	29.67359	3.4045	661.9111111	180.1604167	423	128638.487	133	469238.5727	79.71988
3/1/2014	4.73	1%	8%	55%	40%	61%	39%	1999	43.7	1523.3	0.00	-999	720.51111	692.55	222	175.26323	139.5189	1.92	613.6888889	181.1791667	432	132710.859	149	513499.0515	15.64811
3/2/2014	4.63	1%	10%	55%	3%	29%	71%	1709	45.4	1393.6	0.00	-999	767.83889	692.55	4172	179.64228	146.3415	-1.374	728.2888889	128.1076389	270	-4302.05862	72	447331.878	13.08618
3/3/2014	4.54	1%	10%	55%	26%	24%	76%	1650	42	1329	0.00	-999	592.13333	692.55	11280	157.85342	98.75776	-3.275	680.0777778	115.4611111	279	29499.7723	50	404852.9193	68.77391
3/4/2014	4.45	1%	11%	55%	26%	58%	42%	1978	35	1529	0.00	-999	526.62778	692.55	0	179.45197	46.45669	-6.9115	714.9222222	186.5402778	414	83023.8738	139	527028.8346	20.22205
3/5/2014	4.41	2%	10%	55%	26%	26%	74%	1845	48.9	1503.1	0.00	-999	667.31667	692.5	0	152.93333	1.388889	-8.5755	613.8888889	142.8229167	293	35136.77	61	425889	24.39444
3/6/2014	4.29	1%	12%	55%	0%	0%	100%	1784	43.7	0	0.00	-999	442.07778	692.5	4069	151.89744	23.07692	-8.1525	636.7777778	110.9402778	367	239.652982	1	382555.3077	55.90769
3/7/2014	4.20	2%	11%	55%	25%	51%	49%	1910	45.4	1390.6	0.00	-999	367.95	692.45	0	158.21576	24.84848	-5	797.5111111	187.3034722	474	63014.1347	96	497547.6909	10.42909
3/8/2014	4.30	2%	9%	55%	25%	62%	38%	1897	48.9	1402.1	3.60	-999	620.54444	692.5	0	136.74667	3575	-5.15	705.3333333	178.2756944	446	76696.9229	117	453632.2	7.006667
3/9/2014	4.56	2%	9%	55%	25%	67%	33%	1978	59.4	1402.6	33.00	-999	515.67222	692.55	0	204.28889	2979.167	3.1	512.6444444	184.1256944	516	83156.5054	132	559317	44.03889
3/10/2014	4.44	1%	9%	55%	25%	67%	33%	1987	52.4	1460.6	6.60	-999	441.61667	692.55	0	149.52296	3723.704	1.2	994.1555556	195.9972222	474	88109.108	135	497549.0667	69.81333
3/11/2014	5.15	2%	8%	55%	26%	67%	33%	1970	50.7	1482.3	7.10	-999	506.34722	692.57	7637	138.72941	626.1438	2.15	780.2888889	186.8263889	437	91380.9504	139	476437.3529	9.155556
3/12/2014	5.16	2%	8%	55%	11%	28%	72%	1861	48.9	1477.1	12.40	-999	547.73611	692.6	0	169.68582	487.3563	1.35	909.6	135.3638889	335	16056.7498	67	439271.5862	30.95172
3/13/2014	4.74	4%	9%	55%	24%	33%	67%	1881	43.7	1465.3	2.80	-999	515.0125	692.6	0	171.4301	660.8696	1.5	673.7333333	146.08125	372	41673.9418	63	457216.3445	264.701

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
3/14/2014	4.61	2%	9%	55%	25%	60%	40%	1968	50.7	1522.3	3.60	-999	252.81875	692.65	0	159.73731	553.7313	1.3	650.5111111	181.2854167	395	80335.9535	128	491072.7313	229.5403
3/15/2014	4.47	2%	8%	55%	25%	60%	40%	1972	42	1511	4.60	-999	408.25208	692.65	0	163.36271	483.6158	1.6	772.5777778	186.8569444	419	80146.197	127	504316.3051	40.52655
3/16/2014	4.18	2%	8%	55%	27%	11%	89%	1825	36.7	1532.3	1.00	-999	444.08125	692.65	22737	169.76	495	1.3	748.7333333	94.92222222	256	15505.7876	28	403879.4	99.21667
3/17/2014	3.96	3%	9%	55%	0%	0%	100%	1715	38.5	0	0.30	-999	323.61597	692.65	36085	197.46055	273.3945	-0.65	874.9111111	21.47291667	191	0	0	351349.1927	12.27156
3/18/2014	3.86	2%	10%	55%	0%	0%	100%	1622	38.5	0	8.10	-999	271.47708	692.65	51523	198.91831	266.1972	-0.7	717.6444444	29.35277778	181	0	0	380233.3662	33.49296
3/19/2014	3.88	2%	9%	55%	24%	9%	91%	1726	38.5	1557.5	4.10	-999	526.93681	692.65	10579	182.28068	301.0169	0.7	756.9333333	92.35555556	130	12326.5512	16	406055.1763	79.39254
3/20/2014	3.70	2%	9%	55%	24%	57%	43%	1980	50.7	1552.3	23.88	-999	608.36458	692.7	5156	175.21924	249.4845	0.5	779.9555556	191.0388889	377	75509.7659	121	532567.7113	13.00344
3/21/2014	3.63	2%	10%	55%	27%	38%	62%	1872	40.2	1478.8	0.00	-999	602.84375	692.65	0	162.67253	160.4396	-0.1355	714.3111111	153.4527778	353	53058.4	100	455220.4396	13.97802
3/22/2014	3.49	1%	10%	55%	34%	5%	95%	1820	47.2	1493.8	0.00	-999	575.44861	692.6	29339	170.57869	113.4021	-0.4775	719.2666667	74.62361111	279	8928.03221	21	382430.3196	12.66254
3/23/2014	3.39	1%	11%	55%	24%	43%	57%	1944	35	1570	0.00	-999	601.41597	692.6	14677	177.26406	79.7153	-0.3235	648.8888889	155.9784722	339	57884.8419	80	494546.242	32.1879
3/24/2014	3.33	2%	11%	55%	22%	54%	46%	1919	47.2	1476.8	0.00	-999	451.90417	692.45	0	151.64179	11.9403	-0.4905	580.1777778	189.9305556	395	63589.6422	63	491864.1791	73.18209
3/25/2014	3.27	2%	12%	55%	24%	34%	66%	1618	31.5	1316.5	0.00	-999	89.804861	692.45	7034	177.89968	14.4161	-1.7305	637.5333333	145.7444444	270	37988.3768	52	473081.5429	37.04381
3/26/2014	3.23	3%	12%	55%	23%	57%	43%	1760	15.7	1423.3	0.00	-999	434.46458	692.45	0	168.58537	14.4161	0.3765	592.1111111	189.1319444	321	66917.9189	88	515112.9268	19.98699
3/27/2014	3.16	2%	0%	55%	24%	0%	100%	1642	0	0	0.00	-999	467.50556	692.4	10568	165.42654	14.4161	0.2565	668.5111111	107.6020833	321	28123.7568	40	403729.2136	55.37864
3/28/2014	3.11	1%	12%	55%	25%	45%	55%	1730	54.2	1373.8	0.00	-999	423.96042	692.4	0	174.15758	14.4161	-1.176	703.4444444	160.5715278	302	54059.8473	79	482009.9091	7.258182
3/29/2014	3.09	1%	12%	55%	24%	56%	44%	1931	85.7	1515.3	0.00	-999	608.84722	692.4	0	183.10303	14.4161	-0.561	679.3333333	173.4930556	330	73451.1487	110	513498.3636	9.066667
3/30/2014	3.07	2%	11%	55%	24%	44%	56%	1910	68.2	1557.8	0.00	-999	424.05833	692.35	0	174.10133	14.4161	2.4185	711.6666667	164.6756944	284	58342.2964	90	487838.92	7.973333
3/31/2014	3.09	1%	10%	55%	24%	51%	49%	1991	45.8	1629.2	0.00	-999	346.18194	692.3	0	174.67429	14.4161	3.254	710.8020833	185.7715278	316	69510.2256	105	519041.9714	38.40571
4/1/2014	3.08	2%	11%	55%	24%	57%	43%	1755	38.5	1418.5	0.00	-999	448.80278	692.3	5184	171.4383	14.4161	3.964	638.8423611	173.8430556	298	69519.3868	106	250334	8.436879
4/2/2014	3.11	2%	10%	55%	26%	35%	65%	908	15.7	752.3	0.00	-999	561.50694	690.5	16248	108.06486	16.89189	1.092	605.8222222	72.99722222	140	24276.8471	32	105116	73.89189
4/3/2014	3.24	2%	11%	55%	24%	42%	58%	1919	36.7	1617.3	0.00	-999	550.53889	690.45	4160	168.9851	4.705882	1.932	509	146.7597222	265	57916.3971	68	211334	50.11451
4/4/2014	3.29	2%	13%	55%	24%	35%	65%	1728	28	1542	0.00	-999	362.825	690.45	17032	217.46237	137.6344	2.422	526.4888889	144.2430556	158	46960.5155	56	207710	148.2839
4/5/2014	3.54	2%	12%	55%	23%	58%	42%	1788	57.7	1572.3	1.27	-999	611.16111	690.45	0	148.54722	101.3889	1.4105	488.3513889	180.1416667	158	70482.7869	80	259404	114.7
4/6/2014	4.15	2%	11%	55%	23%	53%	47%	1836	42	1515	5.08	-999	528.87639	690.45	10312	153.29425	129.8851	1.0695	405.2458333	180.9652778	279	70726.7586	98	260590	39.95402
4/7/2014	6.69	2%	11%	55%	27%	57%	43%	1958	48.9	1602.1	3.05	-999	373.25833	690.5	0	155.85318	417.2285	2.852	491.5583333	185.7118056	307	86974.1015	118	267425	56.00599
4/8/2014	9.00	2%	12%	55%	26%	28%	72%	1805	36.7	1568.3	26.67	-999	411.25556	690.65	14032	190.59291	2252.482	2.4975	480.5555556	116.0409722	200	40264.7367	67	167099	25.31064
4/9/2014	8.21	3%	13%	55%	25%	55%	45%	1964	43.7	1618.3	17.27	-999	389.26806	690.75	0	161.63265	2461.905	1.6305	556.7333333	184.9854167	302	78914.6596	120	266379	181.7959
4/10/2014	8.58	2%	12%	55%	27%	49%	51%	1724	36.7	1454.3	14.22	-999	552.22222	690.85	0	167.09333	1727.5	0.339	335.3777778	172.4819444	233	67798.7341	96	248374	2.306667
4/11/2014	7.64	1%	13%	55%	17%	1%	99%	1718	36.7	1514.3	8.38	-999	553.13611	690.9	24056	28.022145	724.5675	1.001	408.1111111	66.42430556	167	611.115105	0	95651	42.08997
4/12/2014	7.07	2%	12%	55%	27%	33%	67%	1901	29.7	1694.3	0.00	-999	337.23889	690.9	15184	262.21389	1655.556	2.513	399.3111111	134.5083333	177	54227.4786	86	193692	119.4306
4/13/2014	6.75	2%	15%	55%	27%	45%	55%	1875	35	1533	0.00	-999	486.62639	690.9	0	159.77931	631.7241	1.845	460.2666667	162.2083333	307	65655.7385	93	233580	49.28
4/14/2014	7.01	2%	14%	55%	8%	48%	52%	1813	36.7	1506.3	0.00	-999	230.425	690.95	0	175.15556	516.6667	4.8155	551.1277778	164.1291667	270	20610.1565	86	236346	93.99444
4/15/2014	8.70	2%	14%	55%	24%	54%	46%	1957	45.4	1576.6	0.00	-999	308.53333	690.95	3824	175.28163	803.4014	6.867	383.7111111	187.2979167	335	71938.5889	94	269709	37.57279
4/16/2014	10.86	3%	13%	55%	24%	55%	45%	1959	61.2	1576.8	0.00	-999	380.025	691.05	0	175.16272	1653.047	6.424	494.5555556	185.5944444	321	72701.6081	95	267256	74.87312
4/17/2014	14.20	2%	11%	55%	23%	53%	47%	1977	54.2	1601.8	0.76	-999	446.16597	691.1	0	153.62133	2394.667	6.477	582.0222222	184.375	321	70717.5989	95	265500	60.016
4/18/2014	19.59	2%	11%	55%	24%	55%	45%	1983	45.4	1556.6	2.29	-999	550.31458	691.2	0	165.17101	2461.594	5.908	819.8666667	184.1826389	381	73225.3757	96	265223	134.6551
4/19/2014	19.94	2%	10%	55%	25%	43%	57%	1876	48.9	1474.1	10.92	-999	496.10139	691.28	0	153.5569	2694.276	3.406	994.2333333	161.3888889	353	55805.5935	74	232400	94.16835
4/20/2014	23.20	1%	12%	55%	24%	54%	46%	1986	42	1595	0.00	-999	501.25069	691.35	0	176.6029	2197.826	4.902	806.2555556	184.2527778	349	73602.6134	96	265324	55.21449
4/21/2014	27.83	2%	10%	55%	24%	49%	51%	1910	42	1547	1.78	-999	434.01736	691.55	0	154.37778	3434.028	6.6155	646.9333333	171.9708333	321	65425.0869	88	247638	119.7861
4/22/2014	30.34	2%	11%	55%	24%	19%	81%	1817	47.2	1485.8	0.00	-999	283.63056	691.6	0	154.95758	3235.69	6.8	617.9055556	125.2284722	284	26129.844	33	180329	186.0687
4/23/2014	35.76	2%	10%	55%	25%	55%	45%	1983	45.4	1607.6	0.00	-999	681.16389	691.75	0	176.75228	3440.702	7.9	647.3611111	181.9159722	330	76881.204	118.4	261959	138.8407
4/24/2014	32.00	2%	8%	55%	24%	53%	47%	1932	59.4	1560.6	9.90	-999	183.84583	691.9	0	182.31049	4870.629	3.55	700.4444444	181.0083333	312	71758.7653	119	260652	100.0783
4/25/2014	30.60	2%	9%	55%	25%	54%	46%	1985	33.2	1649.8	0.30	-999	106.95139	692	0	179.10207	3291.034	5.3	535.4222222	185.5590278	302	78852.5016	125	267205	67.42069
4/26/2014	30.44	1%	11%	55%	25%	61%	39%	1989	54.2	1725.8	0.00	-999	0	692.15	12680	183.01399	2740.559	5.95	635.0222222	205.8076389	209	92359.0641	150	296363	120.386
4/27/2014	14.20	1%	10%	55%	24%	54%	46%	1933	42	1658	0.00	-999	292.64931	692.2	7168	161.9354	2487.973	6.75	706.5111111	200.5333333	233	78236.154	120	288768	107.0076
4/28/2014	34.54	2%	9%	55%	22%	32%	68%	1757	21	1573	0.80	-999	212.46458	692.35	0	156.12394	3060.563	7.65	704.9333333	158.425	163	39431.2196	46	228132	99.5662
4/29/2014	49.26	3%	8%	55%	22%	52%	48%	1963	47.2	1715.8	7.87	-999	247.53611	692.45	0	148.29268	3590.244	4.45	863.3333333	219.3090278	200	69581.9134	93	315805	145.6613
4/30/2014	51.39	2%	8%	55%	25%	46%	54%	1853	47.2	1610.8	4.80	-999	241.00278	692.55	0	113.71812	4523.49	6.05	910.4	185.7611111	195	66554.3721	106	267496	113.9866
5/1/2014	54.14	2%	8%	55%	23%	52%	48%	1899	43.7	1632.3	0.00	-999	598.47778	692.65	0	167.14894	3314.184	8.004	1023.844444	196.0569444	223	69206.6048	97	69206.60484	68.35745
5/2/2014	88.54	2%	8%	55%	23%	63%	37%	1973	42	1722	0.00	-999	727.80833	692.75	0	122.47075	4571.429	14.85	612.5138889	214.8138889	209	88187.59164	125	88187.59164	229.8449
5/3/2014	82.55	2%	9%	55%	23%	64%	36%	1968	38.5	1673.5	0.00	-999	674.19167	692.75	0	167.57778	6125	14.28	879.6416667	221.7909722	256	86719.6779	126	86719.67791	107.4833
5/4/2014	64.78	2%	10%	55%	24%	47%	53%	1861	31.5	1652.5	0.00	-999	685.24167	692.8	4080	115.61361	4842.857	12.09	733.6888889	195.3888889	177	65570.3382	95	65570.33815	113.4041
5/5/2014	61.24	2%	11%	55%	22%	63%	37%	1978	52.4	1637.6	0.00	-999	461.74444	692.6	0	178.27133	3580.42	10.4465	1738.577778	228.8909722	288	23725.6453	99	23725.64527	94.71329
5/6/2014	56.67	2%	11%	55%	22%	51%	49%	1884	31.5	1610.5	0.00	-999	691.45278	692.8	6488	149.1223	3144.604	9.631	740.8	200.7097222	242	63779.711	75	63779.71098	6.204317
5/7/2014	49.17	1%	9%	55%	21%	12%	88%	886	7	814	0.00	-999	664.80556	692.8	22204	130.6	2817.021	7.378	854.1777778	99.07083333	65	7313.538	9	7313.537997	99.9
5/8/2014	56.33	1%	9%	55%	22%	63%	37%	1988	90.9	1604.1	0.00	-999	702.33611	692.8	4	138.1	2606.803	9.0355	882.1298611	211.4756944	293	78729.7194	95	78729.71937	32.7
5/9/2014	71.57	1%	8%	55%	23%	33%	67%	1809	35	1458	0.00	-999	698.04444	692.75	0	196.9	2567.133	10.2975	1174.647917	153.1791667	316	39768.778	55	39768.77801	61
5/10/2014	79.77	2%	9%	55%	23%	47%	53%	1860	38.5	1528.5	0.00	-999	396.56944	692.8	10440	159.5	2626.207	14.3745	1200	388.9909722	293	57890.6304	73	57890.63037	78.4
5/11/2014	84.51	2%	9%	55%	22%	49%	51%	1956	43.7	1614.3	0.51	-999	565.86944	692.8	0	157.7	2645.833	12.9575	1081.622222	188.4097222	298	63362.1571	76	63362.15705	49.7
5/12/2014	76.61	4%	8%	55%	15%	67%	33%	1909	36.7	1500.3	8.64	-999	498.14931	692.8	0	207.6	3248.592	9.1595	1238.822222	212.2159722	372	52787.0879	106	52787.08793	59
5/13/2014	83.06	2%	9%	55%	33%	69%	31%	1782	40.2	1527.8	0.00	-999	534.82292	692.75	0	120.6	2629.066	13.305	1153.022222	218.1229167	214	123115.755	133	123115.7546	92.4
5/14/2014	109.47	2%	12%	55%	25%	73%	27%	1975	55.9	1473.1	4.83	-999	720.4	692.8	0	156.8	2766.667	12.84	1218.755556	218.6375	446	93319.9128	148	93319.91277	1.4
5/15/2014	88.58	2%	10%	55%	25%	56%	44%	1919	50.7	1631.3	11.43	-999	810.65556	692.75	0	170.3	2847.423	8.716	1203.377778	199.2895833	237	81119.443	133	81119.44305	105.7
5/16/2014	96.08	2%	10%	55%	25%	50%	50%	1781	47.2	1519.8	0.00	-999	814.98333	692.7	0	83.8	2437.193	12.202	1314.844444	186.7763889	214	66630.11	102	66630.11	16.3
5/17/2014	84.68	2%	11%	55%	45%	73%	27%	1762	45.4	1474.6	0.00	-999	804.42778	692.65	0	228.7	1956.098	15.255	1376.022222	210.7555556	242	95485.2074	141	95485.20742	84.9
5/18/2014	70.28	1%	10%	55%	17%	72%	28%	1774	40.2	1473.8	0.00	-999	670.31667	692.65	0	160.4	1717.483	15.93	1456.488889	212.6152778	260	94051.114	131	94051.11399	38.7
5/19/2014	93.00	3%	9%	55%	25%	48%	52%	1801	42	1568	0.00	-999	769.37222	692.6	0	168.3	1611.684	10.14	1467.9625	181.3166667	191	67898.1535	98	67898.15347	66.8
5/20/2014	105.80	2%	8%	55%	24%	47%	53%	1840	45.4	1571.6	42.42	-999	720.68889	692.75	0	151.1	3781.315	7.3155	1503.666667	179.0611111	223	63176.2009	98	63176.20086	125
5/21/2014	61.24	2%	8%	55%	24%	68%	32%	1924	40.2	1590.8	6.10	-999	804.87361	692.75	0	150.2	4820.906	7.1495	1531.088889	218.6756944	293	94551.4785	147	94551.47855	24.7
5/22/2014	47.95	2%	9%	55%	9%	70%	30%	1966	36.7	1529.3	0.00	-999	832.2375	692.75	18384	157.7	2617.301	8.1915	1694.819444	208.04375	400	35947.9474	150	35947.94737	78.9
5/23/2014	42.33	3%	11%	55%	25%	72%	28%	1951	38.5	1531.5	1.00	-999	810.32778	692.75	12872	171.1	1827.178	8.8	1488.147222	205.8597222	381	96168.2998	148	96168.29984	73
5/24/2014	38.59	2%	10%	55%	25%	71%	29%	1869	43.7	1532.3	0.00	-999	788.18333	692.65	0	182	1414.737	9.55	1612.011111	216.8680556	293	97969.5532	149	97969.55318	18.2
5/25/2014	37.28	2%	11%	55%	25%	63%	37%	1938	40.2	1581.8	0.00	-999	770.16667	692.6	7700	145.5	1208.904	10.2	1651.411111	209.3277778	316	88213.3391	138	88213.33909	85.8
5/26/2014	39.82	2%	13%	55%	25%	55%	45%	1953	47.2	1584.8	0.00	-999	809.11667	692.55	-12	171.8	1052.113	11	1481.522222	190.6916667	321	76761.9527	121	76761.95269	0.7
5/27/2014	37.71	2%	15%	55%	26%	27%	73%	1811	35	1534	0.00	-999	822.39375	692.5	0	204.1	916.3265	11.4	1576.244444	137.0534722	242	37308.0547	62	37308.05474	83.8
5/28/2014	31.30	3%	13%	55%	24%	67%	33%	1960	50.7	1574.3	0.00	-999	722.51181	692.45	0	135.5	852.7778	8.2	1549.955556	221.39375	335	90603.2465	151	90603.2465	4.7
5/29/2014	28.38	2%	12%	55%	26%	68%	32%	1897	43.7	1569.3	0.00	-999	651.97778	692.4	0	163.9	750.6944	7.35	1557.016667	213.4118056	284	97780.4539	151	97780.4539	43.4
5/30/2014	28.01	2%	12%	55%	70%	43%	57%	1792	66.4	1572.6	0.00	-999	771.35556	692.4	0	183.4	743.0556	8.6	1631.405556	174.8125	153	165713.806	541	165713.8064	44.6

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
5/31/2014	58.62	3%	10%	55%	25%	59%	41%	1919	80.7	1610.3	11.40	-999	574.93125	692.35	0	182.9	831.2925	8.8	1484.891667	201.9055556	228	84247.3371	133	84247.33713	34.7
6/1/2014	42.50	3%	10%	55%	27%	56%	44%	1749	68.2	1475.8	8.64	-999	598.91181	692.35	0	159.5	931.25	8.208	1503.19375	193.0638889	205	78588.3061	126	78588.30613	61.9
6/2/2014	31.85	2%	7%	55%	25%	62%	38%	1773	55.9	1512.1	0.00	-999	615.52639	692.25	8480	164.3	821.7392	7.9025	1490.386111	194.6847222	205	84311.3572	122	84311.35715	1
6/3/2014	33.85	2%	8%	55%	27%	46%	54%	1723	48.9	1474.1	3.81	-999	479.81528	692.25	0	116.7	681.7567	7.663	1275.80625	169.4270833	200	65897.4705	94	65897.47046	88.1
6/4/2014	35.83	2%	10%	55%	24%	50%	50%	1652	33.2	1399.8	18.80	-999	634.98472	692.3	10824	239	1483.572	6.4475	1583.069444	171.6611111	219	61422.5365	93	61422.53653	18.7
6/5/2014	35.55	2%	9%	55%	25%	66%	34%	1652	38.5	1436.5	0.25	-999	670.33819	692.25	0	176.4	1367.677	8.8885	1330.038194	195.4833333	177	84707.9828	127	84707.98284	93.6
6/6/2014	35.96	2%	9%	55%	25%	69%	31%	1650	38.5	1369.5	0.00	-999	647.65972	692.25	0	159.3	898.2456	10.51	1365.175	196.3597222	242	83157.0885	129	83157.08854	0.2
6/7/2014	40.07	2%	10%	55%	26%	51%	49%	1648	33.2	1395.8	0.00	-999	677.77847	692.15	0	174	645.1389	12.1585	1390.280556	170.7729167	219	64346.5329	100	64346.53289	87.5
6/8/2014	111.63	2%	10%	55%	24%	55%	45%	1662	48.9	1394.1	13.46	-999	683.29375	692.25	8880	160.6	1346.528	9.875	1355.825694	184.2104167	219	66675.7735	103	66675.77348	15.4
6/9/2014	85.89	2%	10%	55%	25%	62%	38%	1963	50.7	1559.3	36.83	-999	706.76597	692.4	0	173.2	4010.639	9.002	1431.165972	200.9854167	353	84923.4309	123	84923.43087	117.2
6/10/2014	39.77	2%	13%	55%	8%	12%	88%	1492	38.5	1183.5	11.68	-999	707.69444	692.35	7576	179.4	3244.898	9.2605	1467.789583	111.1902778	270	3834.44772	16	3834.44772	92.6
6/11/2014	39.77	4%	8%	55%	0%	0%	100%	632	0	0	0.51	-999	733.12778	692.35	67552	129.4	1619.444	9.9365	1413.936111	55.70277778	18	0	0	0	1.3
6/12/2014	34.19	3%	15%	55%	0%	0%	100%	1028	55.9	0	0.00	-999	640.68889	692.35	28608	111.7	1095.833	10.8705	1461.197222	104.5888889	34	0	0	0	88.1
6/13/2014	31.48	2%	14%	55%	24%	51%	49%	1857	36.7	1546.3	0.00	-999	453.98472	692.3	9328	205.1	874.386	10.59	1434.499306	179.68125	274	68331.4161	109	68331.41611	0.4
6/14/2014	40.48	3%	13%	55%	25%	34%	66%	1786	69.9	1563.1	7.62	-999	665.375	692.3	0	177	865.7627	8.5285	1305.10625	151.8194444	153	47390.41867	85	47390.41867	89.3
6/15/2014	40.08	3%	13%	55%	24%	39%	61%	1540	38.5	1399.5	12.70	-999	610.78681	692.3	6712	167.7	1190.141	8.614	1265.883333	165.7638889	102	46828.9716	74	46828.97165	1.9
6/16/2014	55.77	3%	16%	55%	24%	63%	37%	1947	50.7	1715.3	0.51	-999	619.72292	692.25	0	147.5	1068.75	10.9	1299.216667	210.0520833	181	92676.3356	142	92676.33558	29.5
6/17/2014	73.76	4%	17%	55%	25%	70%	30%	1510	50.7	1371.3	0.00	-999	622.02639	692.25	0	115.7	828.9562	12.159	1415.713889	198.2423611	88	85981.4748	115	85981.47482	66.8
6/18/2014	57.69	3%	14%	55%	24%	48%	52%	1682	59.4	1575.6	25.15	-999	722.23472	692.25	9888	171.1	2026.374	9.667	1410.458333	171.2395833	47	65153.2581	47	65153.25808	91.2
6/19/2014	37.08	3%	14%	55%	25%	68%	32%	1853	66.4	1595.6	2.54	-999	888.02639	692.25	0	164.3	1521.528	8.986	1393.877778	199.7680556	191	95596.8917	93	95596.8917	16.6
6/20/2014	55.89	3%	12%	55%	25%	67%	33%	1934	69.9	1631.1	27.69	-999	490.76528	692.25	90	158.4	982.6389	9.7535	1310.263889	206.03125	233	98427.4071	92	98427.40711	22.3
6/21/2014	50.64	3%	12%	55%	25%	68%	32%	1827	66.4	1579.6	0.25	-999	620.85833	692.3	0	184.5	2536.486	9.4805	1450.777778	200.4645833	181	95543.8365	90	95543.83652	80.3
6/22/2014	46.35	2%	11%	55%	26%	72%	28%	1711	68.2	1470.8	21.84	-999	640.61667	692.3	12654	202.8	1720.139	9.7	1568.463889	194.3118056	172	97702.0329	98	97702.03291	90
6/23/2014	84.83	3%	12%	55%	25%	69%	31%	1744	48.9	1523.1	15.00	-999	742.13889	692.45	0	127.8	2963.572	11.65	1410.438889	208.7076389	172	91668.1845	101	91668.18447	36.1
6/24/2014	76.28	3%	14%	55%	27%	27%	73%	1736	43.7	1585.3	12.40	-999	776.84167	692.5	5352	180.3	4099.333	12	1501.491667	-565.828472	107	41537.8532	52	41537.85319	114.7
6/25/2014	91.87	5%	15%	55%	19%	53%	47%	1704	38.5	1539.5	10.90	-999	811.325	692.5	0	214.8	2472.464	8.8	1437.714583	180.0763889	126	56134.3974	79	56134.39739	91.3
6/26/2014	51.77	2%	14%	55%	26%	42%	58%	1762	45.4	1600.6	0.00	-999	837.54722	692.5	11040	199.7	2293.056	11.75	1734.338194	165.2736111	116	61115.0254	80	61115.02544	30
6/27/2014	41.11	3%	12%	55%	26%	67%	33%	1741	75.2	1549.8	0.00	-999	786.20278	692.45	0	189.4	1527.778	16.65	1371.358333	201.8263889	116	96427.5061	105	96427.50606	98.5
6/28/2014	38.16	2%	13%	55%	27%	43%	57%	1771	90.9	1420.1	2.30	-999	766.54167	692.35	0	180.8	1126.389	13.85	1544.186111	157.625	260	57985.8125	77	57985.81254	1.4
6/29/2014	36.73	2%	8%	55%	24%	66%	34%	1928	62.9	1619.1	1.50	-999	864.35833	692.35	8288	188.4	1065.986	12.6	1543.905556	213.7611111	246	90786.7807	93	90786.78074	83.1
6/30/2014	39.91	3%	10%	55%	25%	63%	37%	1952	63	1615	9.40	-999	669.16389	692.35	0	172.3	942.6573	11.3	1817.772222	206.5972222	274	91897.6322	89	91897.63223	1.5
7/1/2014	40.09	3%	15%	55%	25%	58%	42%	1926	43.7	1668.3	9.40	-999	752.48056	692.25	0	162.8	996.6216	11.34	1258.633333	189.6520833	214	83814.3169	88	83814.31687	57.2
7/2/2014	36.34	2%	13%	55%	26%	49%	51%	1912	71.7	1575.3	0.00	-999	856.08333	692.25	14824	177.5	931.2057	13.85	1496.588889	171.775	265	72207.1241	61	72207.12408	25.8
7/3/2014	41.16	4%	14%	55%	27%	71%	29%	1593	87.4	1333.6	0.51	-999	733.53611	692.2	9552	244.6	830.0699	15.175	1373.555556	200.4291667	172	90261.7011	78	90261.70106	0
7/4/2014	80.51	3%	12%	55%	28%	32%	68%	1636	75.2	1411.8	10.92	-999	769.39444	692.2	25440	145.6	1317.931	12.545	1537.452778	142.0631944	149	43900.5919	48	43900.59194	93
7/5/2014	50.62	3%	11%	55%	0%	0%	100%	1704	45.4	0	38.10	-999	783.05278	692.25	12616	173.9	3046.207	10.715	1574.202778	90.90555556	158	0	0	0	92.7
7/6/2014	37.26	2%	10%	55%	25%	58%	42%	1931	35	1622	0.00	-999	809.99028	692.2	0	186.2	1855.83	12.735	1630.275	199.6222222	274	84530.2562	102	84530.25619	15.5
7/7/2014	39.02	3%	11%	55%	25%	72%	28%	1769	71.7	1553.3	0.51	-999	755.85972	692.15	0	149.4	1114.187	14.985	1545.469444	208.8402778	144	98920.8886	120	98920.88855	39.5
7/8/2014	111.58	2%	11%	55%	24%	69%	31%	1762	69.9	1506.1	20.07	-999	769.68333	692.25	0	152.7	1931.034	13.19	1468.861111	209.61875	186	87190.7278	116	87190.72783	60.2
7/9/2014	71.10	2%	11%	55%	29%	16%	84%	1776	54.2	1526.8	26.92	-999	701.68056	692.35	14192	176.9	4470.213	11.155	1396.716667	110.5972222	195	25367.2682	25	25367.2682	112.1
7/10/2014	42.43	2%	10%	55%	25%	59%	41%	1982	54.2	1597.8	3.05	-999	732.46944	692.4	0	212.2	2257.047	12.375	1555.75	-499.999306	330	85185.2997	68	85185.29969	29.6
7/11/2014	43.93	2%	9%	55%	24%	66%	34%	1975	54.2	1594.8	0.00	-999	743.31944	692.3	6104	207.4	1371.724	13.7	1523.022222	206.4006944	326	90131.7492	47	90131.74923	71.9
7/12/2014	205.99	3%	7%	55%	24%	66%	34%	1948	50.7	1590.3	24.13	-999	756.46389	692.55	0	172.5	3853.901	12.35	1728.772222	196.6881944	307	90951.7099	39	90951.70992	99.5
7/13/2014	179.31	2%	9%	55%	26%	48%	52%	1883	52.4	1523.6	80.00	-999	677.44722	692.55	0	129.6	5756.463	12.885	1836.05	164.18125	307	66818.6965	48	66818.69653	234.8
7/14/2014	68.67	2%	9%	55%	25%	48%	52%	1908	42	1564	24.38	-999	492.56667	693.75	0	191.9	6588.028	14.285	1630.6	182.1680556	302	67447.9354	36	67447.93539	245.4
7/15/2014	50.45	2%	8%	55%	26%	68%	32%	1800	54.2	1457.8	3.56	-999	797.43889	693.75	11280	160.6	6473.427	15.38	1567.111111	199.8472222	288	91717.0265	80	91717.02647	170.3
7/16/2014	38.06	3%	10%	55%	25%	39%	61%	845	22.7	822.3	0.00	-999	1002.7056	693.65	0	171.8	2908.07	13.83	1798.077778	99.34166667	0	28163.8388	25	28163.83876	92.1
7/17/2014	32.99	2%	10%	55%	24%	65%	35%	1794	54.2	1599.8	0.00	-999	1018.2944	693.55	0	162.5	2038.597	12.73	1941.888889	197.0104167	140	89039.5907	70	89039.59067	1.3
7/18/2014	28.34	2%	8%	55%	23%	59%	41%	1924	57.7	1773.3	0.00	-999	948.86667	693.55	10712	151.6	1649.333	11.965	1626.772222	207.9611111	93	85405.2859	81	85405.28587	82.3
7/19/2014	26.51	2%	8%	55%	25%	65%	35%	1837	57.7	1612.3	0.25	-999	961.87431	693.45	0	168.7	1361.806	13.78	1861.744444	207.2986111	167	94046.3409	78	94046.3409	1
7/20/2014	28.56	2%	10%	55%	24%	46%	54%	1757	75.2	1611.8	0.00	-999	863.74236	693.4	56	154.4	1213.889	13.125	1525.031944	176.175	70	61687.2529	82	61687.25286	0
7/21/2014	27.73	2%	11%	55%	25%	50%	50%	1819	69.9	1544.1	9.14	-999	825.38333	693.4	8368	194.4	1209.22	10.955	1645.101389	-522.324306	205	67541.7995	47	67541.79947	92.9
7/22/2014	27.84	2%	11%	55%	24%	52%	48%	1908	68.2	1555.8	0.25	-999	894.45556	693.3	0	163.8	951.0345	14.5935	1733.588889	179.4659722	284	69390.8341	50	69390.83407	1.1
7/23/2014	27.46	3%	14%	55%	25%	62%	38%	1960	43.7	1674.3	0.00	-999	896.65	693.25	0	150.3	846.1538	16.325	1424.761806	209.7701389	242	91466.5325	48	91466.53246	63
7/24/2014	23.11	2%	10%	55%	5%	53%	47%	1754	62.9	1617.1	0.76	-999	941.62222	693.2	6696	152.9	794.4444	14.46	1628.721528	186.78125	74	14618.8319	61	14618.83193	19.6
7/25/2014	27.22	2%	9%	55%	23%	22%	78%	1771	50.7	1594.3	3.05	-999	903.91111	693.2	8360	199	769.9659	12.565	1448.661111	-588.957639	126	28653.0304	24	28653.03041	0
7/26/2014	37.59	2%	8%	55%	24%	71%	29%	1712	103.1	1492.9	20.07	-999	818.56667	693.2	0	147.3	1220	10.985	1521.133333	215.4979167	116	89350.6494	78	89350.64935	91.5
7/27/2014	37.61	3%	10%	55%	25%	58%	42%	1750	85.7	1473.3	11.68	-999	738.92778	693.25	5260	175.7	1901.351	11.94	1401.883333	184.2284722	191	75319.6731	85	75319.67311	20.4
7/28/2014	33.16	3%	9%	55%	24%	41%	59%	1748	59.4	1614.6	9.65	-999	793	693.24	0	143.2	1905.415	13.375	1402.538889	160.0861111	74	56320.2996	64	56320.29963	96.2
7/29/2014	38.41	3%	9%	55%	24%	61%	39%	1855	47.2	1714.8	7.62	-999	830.79444	693.25	4204	134.9	1640.136	12.415	1474.905556	213.6381944	93	89198.4407	106	89198.44066	17.7
7/30/2014	47.97	2%	9%	55%	24%	53%	47%	1878	36.7	1711.3	20.57	-999	841.12778	693.3	0	141.3	2737.542	11.615	1369.427778	193.4756944	130	76298.6891	102	278605	99.7
7/31/2014	31.09	3%	11%	55%	0%	0%	100%	0	0	0	0.76	-999	942.87222	693.3	0	167.8	1976.895	12.155	1470.977778	8.717361111	0	0	0	12553	1.8
8/1/2014	27.19	3%	10%	55%	0%	0%	100%	0	0	0	0.00	-999	185	693.3	26812	69.7	1211.034	14.155	1102	3.063194	0	0	0	4411	91.6
8/2/2014	25.57	2%	8%	55%	0%	0%	100%	0	0	0	0.00	-999	886	693.25	6380	6.7	868.75	15.935	1071	0.146528	0	0	0	211	1.4
8/3/2014	24.14	2%	8%	55%	0%	0%	100%	0	0	0	0.00	-999	679	693.1	0	227.8	634.507	16.92	1109	0.192361	0	0	0	277	45.3
8/4/2014	23.58	2%	8%	55%	0%	0%	100%	0	0	0	0.00	-999	765	692.9	0	235.6	571.4286	17.55	1180	0.011806	0	0	0	17	37.1
8/5/2014	18.43	2%	8%	55%	0%	0%	100%	0	0	0	0.76	-999	710	692.8	0	274	544.2177	16.455	1014	0.071528	0	0	0	103	0
8/6/2014	18.74	2%	10%	55%	13%	0%	100%	0	15.7	0	0.76	-999	821	692.75	0	188.3	514.0741	14.73	1344	92.02222	0	1198.26491	5	132512	41
8/7/2014	16.59	2%	11%	55%	25%	55%	45%	1729	47.2	1602.8	4.06	-999	748	692.7	0	241.1	569.4444	12.3	1266	136.5389	79	78827.4499	109	196616	4
8/8/2014	14.17	4%	10%	55%	24%	48%	52%	1862	48.9	1715.1	0.25	-999	897	692.6	584	141.4	496.5517	12.735	1262	168.6486	98	70115.8962	99	242854	87
8/9/2014	28.74	2%	8%	55%	24%	70%	30%	1396	97.9	1145.1	2.79	-999	885	692.55	0	175	549.6644	12.77	1191	182.1604	153	69690.3684	87	262311	2
8/10/2014	104.97	4%	9%	55%	26%	63%	37%	1581	69.9	1367.1	32.26	-999	890	692.8	0	162.2	2209.722	11.5	1229	190.2826	144	79138.9535	91	274007	65
8/11/2014	84.62	3%	11%	55%	25%	69%	31%	1756	62.9	1535.1	54.86	-999	850	693.3	0	148.3	7787.857	12.69	1228	210.6736	158	92367.7715	106	303370	227
8/12/2014	67.29	3%	7%	55%	24%	66%	34%	1960	55.9	1634.1	18.80	-999	759	693.5	6248	150.6	5958.219	14.3	1171	225.5278	270	92642.9969	119	324760	111
8/13/2014	40.54	4%	7%	55%	26%	23%	77%	1792	55.9	1531.1	9.60	-999	992	693.5	0	154.3	3918.339	15.3	1331	142.3625	205	31653.8452	50	205002	97
8/14/2014	75.12	2%	8%	55%	25%	41%	59%	1861	48.9	1589.1	18.80	-999	924	693.6	13648	123.2	3628.179	12.35	1248	174.8681	223	56648.9723	61	251810	116
8/15/2014	84.60	2%	8%	55%	24%	52%	48%	1886	36.7	1700.3	24.38	-999	951	693.7	3752	154.9	5343.75	12.635	1293	197.7583	149	76292.8659	88	284772	102
8/16/2014	51.79	2%	8%	55%	24%	51%	49%	1980	48.9	1773.1	29.72	-999	971	693.9	0	146.7	7008.333	12.025	1388	191.2569	158	76849.7016	106	275410	177

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
8/17/2014	84.87	3%	11%	55%	25%	48%	52%	1931	48.9	1770.1	4.57	-999	887	694	6200	149.5	4031.25	12.815	1317	189.0701	112	74639.0011	102	272261	15
8/18/2014	85.23	3%	12%	55%	25%	53%	47%	1962	71.7	1695.3	35.81	-999	919	694.15	0	167.8	6635.211	11.245	1386	196.5618	195	78601.3453	107	283049	204
8/19/2014	42.67	3%	11%	55%	24%	52%	48%	1958	52.4	1742.6	6.60	-999	907	694.15	6040	185.6	3689.655	12.005	1515	192.584	163	77674.3955	108	277321	26
8/20/2014	29.80	3%	12%	55%	24%	18%	82%	1798	48.9	1628.1	0.00	-999	794	694.1	0	174.2	2403.484	13.02	1268	124.4632	121	25003.7945	40	179227	73
8/21/2014	26.17	3%	15%	55%	24%	49%	51%	1963	47.2	1715.8	0.00	-999	892	694.05	0	216.6	1876.703	15.515	1378	186.175	200	71472.5717	93	268092	15
8/22/2014	23.03	2%	14%	55%	24%	46%	54%	1948	68.2	1772.8	0.00	-999	1077	694	0	154.7	1558.479	17.05	1366	189.8986	107	68688.6842	101	273454	49
8/23/2014	20.93	2%	12%	55%	25%	19%	81%	1745	104.9	1626.1	0.00	-999	905	693.9	5360	176.8	1339.837	15.965	1381	127.4632	14	27599.3961	48	183547	49
8/24/2014	20.71	2%	12%	55%	24%	56%	44%	1782	118.9	1630.1	0.00	-999	889	693.85	0	199.8	1152.982	15.525	1378	207.5278	33	78939.939	122	298840	1
8/25/2014	32.80	3%	14%	55%	9%	62%	38%	1685	110.1	1527.9	8.38	-999	863	693.8	0	156	1073.611	11.775	1455	193.3118	47	30435.9288	127	278369	84
8/26/2014	28.96	4%	14%	55%	24%	64%	36%	1634	127.6	1464.4	6.35	-999	797	693.75	0	149.6	1106	12.21	1364	195.6271	42	78407.275	130	281703	6
8/27/2014	24.09	2%	13%	55%	24%	42%	58%	1709	108.4	1563.6	8.13	-999	884	693.7	0	141.2	1083.895	10.6	1164	160.6368	37	55155.3351	101	231317	15
8/28/2014	18.46	2%	12%	55%	23%	51%	49%	1828	66.4	1705.6	0.00	-999	743	693.65	0	178.6	967.0033	10.855	1452	197.7181	56	72103.4742	117	284714	38
8/29/2014	16.38	3%	11%	55%	23%	52%	48%	1823	69.9	1688.1	8.00	-999	835	693.65	0	144.4	894.4444	11.35	1192	198.2465	65	71766.2824	117	285475	51
8/30/2014	15.60	3%	12%	55%	24%	54%	46%	1752	73.4	1627.6	2.30	-999	766	693.55	0	178.3	815.9722	10.65	1293	270.3451	51	74450.8951	118	389297	1
8/31/2014	15.83	4%	13%	55%	23%	53%	47%	1859	90.9	1675.1	2.80	-999	814	693.5	0	129.6	793.5484	10.45	1372	198.5368	93	72293.4573	119	285893	38
9/1/2014	34.47	2%	12%	55%	24%	51%	49%	1955	50.7	1760.3	6.35	-999	862	693.55	0	163.68889	1055.556	10.365	1242	200.7541667	144	76821.5624	141	289086	57.62222
9/2/2014	24.77	2%	11%	55%	0%	1%	99%	1746	68.2	1677.8	27.94	-999	845	693.6	11280	167.49773	3152.751	8.8705	1264	29.67083333	0	0	3	42726	92.65501
9/3/2014	51.50	3%	10%	55%	0%	0%	100%	1763	57.7	0	3.56	-999	889	693.55	0	244.49606	1911.828	8.883	1195	40.21527778	102	0	3	57910	17.97276
9/4/2014	89.75	3%	11%	55%	24%	30%	70%	1527	42	1392	25.40	-999	884	693.5	3640	219.05352	1611.972	10.07	1560	99.06597222	93	35849.6896	43	142655	23.76338
9/5/2014	108.47	4%	9%	55%	25%	32%	68%	1239	22.7	1193.3	28.70	-999	854	693.55	5248	169.30909	2096.503	10.36	1208	139.8291667	23	34000.5272	48	201354	101.5608
9/6/2014	92.80	3%	8%	55%	22%	50%	50%	1938	68.2	1776.8	20.07	-999	865	693.55	0	164.55556	2560.417	12.23	1494	189.3708333	93	70271.3782	84	272694	22.48889
9/7/2014	84.98	3%	9%	55%	24%	38%	62%	1775	52.4	1596.6	31.50	-999	826	693.7	4000	155.52909	4666.667	10.28	1345	154.5111111	126	52179.564	67	222496	120.3575
9/8/2014	40.94	2%	10%	55%	0%	40%	60%	1921	54.2	1647.8	17.78	-999	800	693.75	0	189.11889	5231.615	11.46	1453	0	219	0	0	0	105.7045
9/9/2014	27.00	2%	10%	55%	25%	31%	69%	1889	48.9	1687.1	0.00	-999	732	693.7	0	187.57614	2458.947	10.193	1465	176.5048611	153	45283.5814	56	254167	1.504561
9/10/2014	22.15	1%	11%	55%	23%	50%	50%	1990	47.2	1770.8	0.00	-999	918	693.65	0	175.26154	1717.308	9.7	1558	200.6569444	172	73741.4808	99	288946	79.49744
9/11/2014	21.62	11%	11%	55%	23%	55%	45%	1786	48.9	1602.1	2.03	-999	962	693.65	0	146.68235	1659.559	10.9745	1557	221.3277778	135	71600.4625	106	318712	13.83529
9/12/2014	19.69	2%	11%	55%	23%	54%	46%	1967	43.7	1658.3	9.91	-999	984	693.6	0	154.8	1902.778	8.9395	1645	215.9319444	265	74785.6304	100	310942	55.23333
9/13/2014	22.31	2%	12%	55%	22%	51%	49%	1974	57.7	1786.3	2.29	-999	953	693.55	4440	152.26667	1622.222	10.125	1443	199.8041667	130	70814.4607	100	287718	60.09444
9/14/2014	43.68	3%	13%	55%	22%	23%	77%	1821	48.9	1698.1	5.84	-999	888	693.5	0	161.88889	1472.222	11.42	1516	133.1902778	74	30960.9485	50	191794	5.661111
9/15/2014	49.26	3%	13%	55%	24%	31%	69%	1843	55.9	1703.1	0.00	-999	879	693.4	0	160.47059	1248.235	13.495	1444	138.1402778	84	45951.8937	65	198922	73.33647
9/16/2014	29.61	2%	12%	55%	0%	0%	100%	255	22.7	0	3.05	-999	1005	693.4	6120	198.50802	1136.709	11.4	1387	88.54652778	0	0	0	127507	22.47426
9/17/2014	27.18	3%	13%	55%	22%	21%	79%	1075	17.5	992.5	6.35	-999	848	693.35	0	180.09199	1282.927	11.315	1045	117.0722222	65	16261.2537	21	168584	4.298258
9/18/2014	24.51	3%	13%	55%	23%	56%	44%	1792	57.7	1608.3	0.00	-999	1054	693.3	0	179.56572	1093.571	11.24	1240	192.6625	126	74503.0995	93	277434	86.65143
9/19/2014	31.18	3%	11%	55%	24%	45%	55%	1849	61.2	1666.8	11.43	-999	1075	693.3	0	157.26601	1706.796	9.89	1257	195.8680556	121	76964.7732	99	282050	17.51715
9/20/2014	95.67	3%	12%	55%	24%	18%	82%	1807	59.4	1626.6	31.24	-999	928	693.45	6232	159.26456	3418.947	9.82	1140	91.31875	121	24997.244	36	131499	101.5137
9/21/2014	108.69	2%	11%	55%	23%	37%	63%	1910	26.2	1720.8	19.05	-999	782	693.65	0	215.21135	4918.44	8.8535	1378	143.2583333	163	51833.8246	61	206292	111.2447
9/22/2014	88.57	2%	10%	55%	23%	52%	48%	1976	40.2	1786.8	29.46	-999	1075	693.8	0	171.2172	7241.577	10.1435	1274	191.0770833	149	77237.5201	89	275151	180.8975
9/23/2014	51.99	2%	10%	55%	24%	41%	59%	1759	57.7	1496.3	13.97	-999	1026	693.8	0	165.72287	4212.287	8.8685	1208	159.5493056	205	53417.2119	78	229751	33.20683
9/24/2014	48.26	2%	9%	55%	25%	38%	62%	784	47.2	657.8	0.25	-999	890	693.8	16272	135.65556	1755.556	9.5465	1415	83.11597222	79	22059.7575	6	119687	55.93333
9/25/2014	35.46	2%	8%	55%	21%	45%	55%	1979	71.7	1907.3	0.00	-999	746	693.75	4680	136.6042	1767.832	11.5135	1267	197.6090278	0	64724.606	25	284557	56.32448
9/26/2014	27.76	2%	8%	55%	24%	54%	46%	1701	38.5	1485.5	0.25	-999	920	693.75	0	130.77778	1281.25	10.96	1256	195.6097222	177	68874.6767	44	281678	87.04444
9/27/2014	28.77	2%	8%	55%	0%	0%	100%	0	24.5	0	3.05	-999	899	693.75	0	306.37484	1318.239	9.6855	1077	45.725	0	0	0	65844	3.552201
9/28/2014	39.92	2%	11%	55%	0%	0%	100%	0	10.5	0	26.16	-999	867	694	32152	74.517829	3706.202	9.65	1328	31.79166667	0	0	0	45780	158.562
9/29/2014	52.49	3%	8%	55%	0%	0%	100%	0	0	0	31.50	-999	885	694.15	0	155.86667	8193.056	9.26	1304	22.9	0	0	0	32976	110.7938
9/30/2014	48.35	3%	9%	55%	22%	30%	70%	1462	24.5	1344.5	18.03	-999	997	694.2	0	234.3044	4874.214	9.7195	941	93.375	93	31692.1897	23	134460	115.4667
10/1/2014	29.94	2%	10%	55%	25%	66%	34%	1966	90.9	1680.1	16.51	-999	952.46111	694.3	9560	173.80536	3866.667	5.991	839.6888889	214.2895833	195	99131.8571	91	308577	125.9954
10/2/2014	22.18	2%	10%	55%	25%	64%	36%	1986	54.2	1675.8	0.00	-999	913.45	694.25	0	182.69896	2347.405	5.05	948.0222222	206.3583333	256	94287.0643	82	297156	1.649827
10/3/2014	58.90	3%	10%	55%	25%	61%	39%	1962	59.4	1721.6	3.30	-999	901.15	694.3	0	175.54595	1908.784	2.55	1334.35	205.9902778	181	93045.566	93	296626	95.96216
10/4/2014	75.62	4%	10%	55%	25%	68%	32%	1926	62.9	1649.1	39.12	-999	847.98889	694.6	0	153.16101	7470.29	5.7695	1246.361111	211.9333333	214	97301.1779	121	305184	144.3826
10/5/2014	72.09	3%	8%	55%	26%	46%	54%	1901	68.2	1674.8	12.19	-999	808.33472	694.65	3576	173.66969	4043.056	8.9355	1401.388889	165.1395833	158	71695.7845	85	237801	63.27222
10/6/2014	46.02	2%	8%	55%	24%	62%	38%	1965	68.2	1733.8	30.48	-999	784.65972	694.85	40680	161.27093	6892.908	7.2985	1383.588889	215.25	163	91849.8015	115	309960	188.2227
10/7/2014	30.98	2%	8%	55%	27%	10%	90%	1738	66.4	1578.6	8.64	-999	795.48056	694.85	0	162.88627	4155.555	4.431	1370.877778	62.94791667	93	15569.775	21	90645	11.67974
10/8/2014	24.30	2%	8%	55%	24%	37%	63%	1906	57.7	1699.3	7.11	-999	784.94236	694.85	0	239.0695	2520.567	3.515	1299.188889	93.89236111	149	53753.1494	61	135205	104.4879
10/9/2014	52.95	2%	8%	55%	23%	52%	48%	1963	66.4	1724.6	0.00	-999	784.12431	694.85	0	182.45735	2065.233	4.138	1519.783333	199.4472222	172	74231.008	99	287204	11.15412
10/10/2014	113.61	2%	8%	55%	23%	51%	49%	1932	47.2	1777.8	41.66	-999	865.36806	695.25	0	161.29759	5317.526	5.8585	1423.666667	199.3763889	107	75267.9211	97	287102	216.3533
10/11/2014	91.48	2%	8%	55%	23%	52%	48%	1970	48.9	1800.1	39.37	-999	816.04514	695.55	0	167.74737	7224.823	9.2855	1479.377778	198.1	121	76653.9051	118	285264	213.04
10/12/2014	49.92	2%	9%	55%	24%	40%	60%	1900	52.4	1745.6	14.73	-999	853.08958	695.65	8680	180.43162	8104.081	8.0775	1566.488889	160.3493056	102	59416.8216	102	230903	107.2055
10/13/2014	49.19	2%	8%	55%	23%	32%	68%	1877	62.9	1712.1	9.14	-999	813.54653	695.7	0	187.9376	4189.362	7.9735	1598.572222	166.8076389	102	44926.923	75	240203	23.14326
10/14/2014	31.94	2%	9%	55%	23%	55%	45%	1974	50.7	1770.3	10.67	-999	862.69375	695.7	5112	174.76093	3509.764	9.94	1538.5	201.8347222	153	79360.8673	134	290642	91.38855
10/15/2014	24.32	2%	7%	55%	24%	37%	63%	1915	66.4	1699.6	0.00	-999	907.31806	695.7	0	156.82319	2498.551	6.8175	1523.305556	178.0729167	149	53849.5219	96	256425	47.13623
10/16/2014	20.77	2%	6%	55%	23%	35%	65%	1875	64.7	1657.3	0.25	-999	960.71667	695.6	0	174.9551	1994.558	7.03	1368.172222	151.0784722	153	46952.5042	80	217553	41.0449
10/17/2014	18.33	3%	8%	55%	24%	46%	54%	1822	54.2	1632.8	2.29	-999	893.32222	695.55	0	203.09625	1576.109	6.537	1496.327778	196.89375	135	64092.3443	110	283527	29.9413
10/18/2014	17.73	2%	8%	55%	23%	52%	48%	1964	45.4	1774.6	0.00	-999	923.41319	695.55	4464	93.691434	1398.572	7.583	1385.755556	288.9333333	144	76820.2722	128	416064	78.00572
10/19/2014	28.32	2%	8%	55%	23%	54%	46%	1867	28	1704	14.99	-999	948.43542	695.6	0	128.73333	2046.528	7.182	1605.833333	204.8680556	135	74798.0488	128	295010	7.444444
10/20/2014	44.75	3%	9%	55%	24%	46%	54%	1916	73.4	1679.6	26.67	-999	961.03333	695.7	0	111.71111	3554.861	7.1485	1565.594444	182.4430556	163	66889.2404	118	262718	119.8444
10/21/2014	31.55	3%	9%	55%	0%	0%	100%	1743	62.9	0	14.73	-999	922.99444	695.7	8856	150.28147	3585.858	5.9255	1319.125694	35.47152778	121	0	0	51079	24.25858
10/22/2014	22.07	3%	9%	55%	0%	0%	100%	1755	50.7	0	1.78	-999	874.39028	695.65	0	224.21099	2000	7.0455	1447.051389	23.80138889	121	0	0	34274	74.39707
10/23/2014	17.60	2%	9%	55%	25%	37%	63%	1901	54.2	1720.8	6.35	-999	770.21806	695.65	10816	231.9268	1762.745	4.7245	1481.002778	153.5097222	126	56277.9495	54	221054	30.57778
10/24/2014	14.87	2%	10%	55%	25%	32%	68%	1826	71.7	1638.3	0.76	-999	868.10278	695.6	0	132.03972	1467.376	3.635	1384.964583	156.7652778	116	46010.9761	43	225742	65.28794
10/25/2014	13.09	2%	9%	55%	24%	55%	45%	1947	54.2	1734.8	1.02	-999	837.49583	695.55	0	175.552	1132.667	5.8025	1489.722222	204.6166667	158	83048.5876	71	294648	1.184
10/26/2014	11.77	2%	11%	55%	25%	59%	41%	1977	64.7	1698.3	0.00	-999	831.00833	695.5	344	188.54708	985.567	5.898	1511.915972	206.9861111	214	87984.4266	84	298060	81.56701
10/27/2014	11.36	2%	10%	55%	26%	46%	54%	1913	43.7	1711.3	1.52	-999	815.03333	695.5	0	174.0105	907.1162	3.2945	1353.370139	184.2923611	158	73213.1234	83	265381	4.931836
10/28/2014	10.21	2%	9%	55%	25%	20%	80%	1828	36.7	1661.3	5.33	-999	864.81389	695.45	0	180.01632	906.1224	3.8145	1458.783333	140.9833333	130	29258.8492	21	203016	80.58775
10/29/2014	9.51	2%	9%	55%	24%	52%	48%	1976	47.2	1784.8	0.00	-999	925.69653	695.4	0	174.79717	789.3617	4.1755	1365.438194	203.6993056	144	77637.8713	51	293327	6.4
10/30/2014	9.24	3%	11%	55%	25%	57%	43%	1964	69.9	1717.1	0.76	-999	912.63681	695.35	0	179.6136	792.517	3.907	1223.08125	217.0680556	177	86066.9678	69	312578	0
10/31/2014	9.90	3%	12%	55%	25%	58%	42%	1955	62.9	1757.1	5.33	-999	861.85833	695.3	0	186.30137	876.7123	5.526	1513.627778	212.8631944	135	90750.5931	78	306523	82.36712
11/1/2014	18.42	3%	13%	55%	25%	52%	48%	1932	50.7	1723.3	14.99	-999	788.21806	695.35	0	170.12966	1251.034	2.1715	1321.309722	190.3958333	158	81385.5138	71	274170	2.946207
11/2/2014	22.21	3%	10%	55%	0%	0%	100%	1750	75.2	0	31.50	-999	917.25694	695.4	3376	176.57778	3299.306	2.648	1238.395833	92.45277778	0	0	0	133132	119.7778

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
11/3/2014	18.49	18%	10%	55%	0%	0%	100%	1564	64.7	0	7.62	-999	919.58889	695.4	0	170.58993	2200.719	3.9415	1163.813889	93.10138889	0	0	0	134066	5.74964
11/4/2014	16.51	3%	12%	55%	0%	0%	100%	114	8.7	0	0.25	-999	766.63889	695.45	8528	141.18043	1336.364	4.805	1128.374306	19.35555556	0	0	0	27872	85.7063
11/5/2014	14.97	3%	13%	55%	23%	41%	59%	1845	59.4	1655.6	21.08	-999	248.2	695.5	10016	59.82411	982.2694	2.799	799.7506944	184.3034722	130	55518.3295	29	265397	40.55603
11/6/2014	13.55	3%	12%	55%	25%	72%	28%	1380	50.7	1315.3	2.54	-999	927.92222	695.5	0	165.46133	2012	4.4135	1307.175694	188.2194444	14	83786.1576	61	271036	64.208
11/7/2014	12.74	3%	10%	55%	24%	57%	43%	1897	57.7	1653.3	13.72	-999	902.45556	695.55	8464	149.69646	2029.078	1.1015	1108.953472	180.2444444	186	82433.7719	58	259552	83.19433
11/8/2014	13.58	2%	9%	55%	24%	44%	56%	1803	59.4	1566.6	5.59	-999	924.12222	695.55	8488	182.23837	2385.185	1.95	1318.209028	158.5944444	177	58881.3598	35	228376	16.24242
11/9/2014	13.32	2%	10%	55%	24%	55%	45%	1938	61.2	1662.8	11.18	-999	940.04167	695.55	0	189.34468	2151.064	2.8525	1265.663194	191.9118056	214	77287.3897	47	276353	89.33901
11/10/2014	11.93	2%	9%	55%	26%	40%	60%	1902	43.7	1649.3	0.25	-999	879.475	695.5	0	203.74457	1616.842	2.1035	1373.176389	165.5402778	209	61448.5585	63	238378	4.446316
11/11/2014	10.86	2%	10%	55%	23%	54%	46%	1974	48.9	1748.1	0.76	-999	1045.7083	695.45	7224	174.71564	1310.204	1.341	1127.145833	188.2006944	177	77586.8642	68	271009	81.64897
11/12/2014	9.42	2%	11%	55%	23%	54%	46%	1978	87.4	1727.6	0.00	-999	912.57778	695.4	7712	155.37778	969.4444	1.5995	515.3118056	188.0659722	163	77330.6253	65	270815	2.833333
11/13/2014	8.73	3%	11%	55%	29%	35%	65%	1861	48.9	1663.1	0.00	-999	990.91111	695.35	0	174.04444	798.6111	0.9375	1757.759028	113.4979167	149	59951.5901	119	163437	12.25556
11/14/2014	8.23	3%	14%	55%	25%	50%	50%	1700	92.6	1500.4	0.00	-999	936.98889	695.25	0	170.93333	705.5556	1.1935	1180.860417	162.2916667	107	66187.3607	63	233700	70.97778
11/15/2014	7.79	2%	14%	55%	0%	0%	100%	1635	42	0	0.00	-999	893.46667	695.2	0	172.09646	628.3688	1.5315	980.9166667	98.93263889	74	0	6	142463	0
11/16/2014	7.40	4%	15%	55%	23%	5%	95%	1643	75.2	1539.8	0.00	-999	964.36111	695.15	40680	149.44217	601.3605	0.887	1138.751389	105.7375	28	6179.93146	8	152262	61.72517
11/17/2014	7.07	3%	15%	55%	24%	57%	43%	1325	48.9	1178.1	0.00	-999	922.85	695.1	14720	163.41792	551.9713	1.3795	1165.186806	140.7819444	98	56006.239	65	202726	20.36989
11/18/2014	7.02	2%	11%	55%	24%	43%	57%	1454	31.5	1366.5	0.51	-999	936.13333	695	4464	186.09898	550.5085	1.305	1237.028472	158.7791667	56	49210.7543	44	228642	9.773559
11/19/2014	16.54	3%	11%	55%	25%	51%	49%	1900	50.7	1742.3	12.45	-999	862.15	695.1	0	216.85479	1026.027	2.346	1096.541667	203.0180556	107	78305.6534	73	292346	98.58082
11/20/2014	14.06	3%	10%	55%	25%	53%	47%	1964	73.4	1699.6	12.70	-999	917.93333	695.05	0	239.50769	2066.434	3.1075	1078.185417	189.16875	191	79969.2922	68	272403	8.895105
11/21/2014	10.65	2%	8%	55%	23%	50%	50%	1999	64.7	1794.3	0.00	-999	881.62222	695.05	0	235.29434	1265.248	3.4665	1016.592361	220.4583333	140	73361.8161	78	317460	87.08653
11/22/2014	10.57	3%	10%	55%	24%	55%	45%	1965	55.9	1700.1	2.29	-999	771.34444	695	0	224.31012	954.054	2.614	1145.185417	202.7645833	209	80876.2911	86	291981	13.8973
11/23/2014	9.96	2%	9%	55%	24%	23%	77%	1830	64.7	1635.3	12.45	-999	610.45	695	10816	234.85716	1062.143	2.444	1219.598611	138.0145833	130	32218.9709	41	198741	85.56001
11/24/2014	9.22	2%	9%	55%	26%	18%	82%	1831	48.9	1647.1	5.08	-999	874.78889	694.9	0	151.95556	1029.167	2.223	1126.158333	133.3055556	135	27314.0493	26	191960	10.82222
11/25/2014	9.04	3%	11%	55%	23%	41%	59%	1941	55.5	1735.5	8.38	-999	833.96111	694.9	72	178.70932	1227.333	1.099	962.0972222	178.9076389	150	59366.1466	44	257627	19.71733
11/26/2014	8.15	2%	11%	55%	24%	43%	57%	1968	40.2	1746.8	2.29	-999	841.81667	694.95	344	162.06667	1335.417	1.661	1248.958333	196.6701389	181	62982.9906	41	283205	77.42778
11/27/2014	7.48	2%	12%	55%	23%	41%	59%	1966	35	1796	0.00	-999	938.23819	694.9	0	172.09622	920.9622	0.0415	1152.490278	203.9277778	135	61347.2332	57	293656	20.40962
11/28/2014	7.03	2%	10%	55%	24%	41%	59%	1854	69.9	1631.1	0.00	-999	949.95694	694.85	0	159.91111	638.8889	-2.998	1036.595833	185.3930556	153	58469.7625	65	266966	80.85
11/29/2014	6.62	2%	11%	55%	25%	38%	62%	1857	47.2	1632.8	0.00	-999	944.79931	694.8	0	177.45866	516.0584	-7.0325	898.7395833	174.7659722	177	56067.9296	46	251663	0.582332
11/30/2014	6.29	3%	8%	55%	0%	0%	100%	1749	61.2	0	0.51	-999	952.30069	694.75	0	187.36167	405.4054	-7.304	1035.124306	98.58819444	158	0	0	141967	0
12/1/2014	5.93	2%	11%	55%	0%	0%	100%	1756	52.4	0	7.87	-999	898.0125	694.7	0	198.87158	389.4737	-5.699	1072.736111	99.52361111	130	0	0	143314	80.14035
12/2/2014	5.86	2%	10%	55%	0%	0%	100%	1759	59.4	0	0.25	-999	877.98403	694.65	0	166.94422	340.8163	-5.2305	1029.234722	102.4555556	107	0	0	147536	0
12/3/2014	5.91	2%	10%	55%	0%	0%	100%	1761	61.2	0	14.73	-999	909.40278	694.6	0	172.50496	395.0355	-1.9355	1047.581944	100	102	0	0	144000	0
12/4/2014	5.34	2%	13%	55%	0%	0%	100%	1765	50.7	0	2.29	-999	914.18819	694.55	0	169.83946	440.1361	0.2385	1038.272222	99.52083333	98	0	0	143310	76.89252
12/5/2014	5.07	2%	13%	55%	0%	0%	100%	1765	55.9	0	0.00	-999	860.19444	694.5	0	183.13333	369.4444	-2.043	1122.068056	100.4847222	93	0	0	144698	0.455556
12/6/2014	4.84	2%	14%	55%	0%	0%	100%	1759	62.9	0	0.00	-999	905.63611	694.45	0	148.53333	301.3889	-1.601	1243.576389	99.79236111	98	0	0	143701	0
12/7/2014	4.80	1%	12%	55%	0%	0%	100%	1774	61.2	0	1.78	-999	851.22292	694.4	6400	173.2539	652.4823	-0.909	778.3986111	99.83263889	98	0	0	143759	24.35745
12/8/2014	6.07	4%	13%	55%	26%	38%	62%	1910	66.4	1736.6	5.84	-999	876.04861	694.35	0	151.8585	4.081633	2.1275	992.7847222	179.8701389	107	60040.2617	41	259013	53.92653
12/9/2014	15.46	3%	12%	55%	27%	43%	57%	1957	45.4	1809.6	10.16	-999	835.575	694.4	0	147.33714	956.4286	3.4305	1007.969444	178.1673611	102	72910.1062	51	256561	3.497143
12/10/2014	19.33	2%	9%	55%	26%	43%	57%	1977	83.9	1828.1	33.02	-999	917.81111	694.65	0	156.24199	4617.082	2.9545	1018.868056	173.0958333	65	71603.0388	51	249258	153.1388
12/11/2014	13.33	2%	10%	55%	26%	50%	50%	1755	68.2	1551.8	3.30	-999	920.23056	694.65	0	164.57458	4019.244	4.2845	885.9513889	164.7618056	135	70834.4717	52	237257	58.08935
12/12/2014	12.23	3%	13%	55%	27%	32%	68%	1814	45.4	1694.6	4.57	-999	899.35694	694.6	0	167.22222	1805.556	2.393	1446.286111	153.5215278	74	50983.7755	43	221071	21.01667
12/13/2014	13.26	6%	10%	55%	25%	43%	57%	1895	54.2	1775.8	19.05	-999	943.49028	694.65	0	162.42222	2086.806	1.612	967.6	169.8805556	65	67039.3053	43	244628	73.11111
12/14/2014	11.71	3%	10%	55%	24%	44%	56%	1949	96.1	1773.9	3.56	-999	904.09306	694.6	0	184.08889	2150	2.308	871.5111111	171.06875	79	65999.9521	38	246339	107.1444
12/15/2014	16.47	3%	11%	55%	25%	47%	53%	1962	82.2	1795.8	9.65	-999	885.85694	694.7	0	187.5374	2113.605	3.4305	968.7111111	179.3847222	84	73457.6533	51	258314	12.64762
12/16/2014	14.17	3%	10%	55%	25%	30%	70%	1750	50.7	1648.3	7.62	-999	897.60972	694.7	14472	168.6	2552.083	3.9245	939.2444444	-543.790972	51	43600.8659	48	-783059	125.3167
12/17/2014	11.90	2%	8%	55%	26%	46%	54%	889	52.4	752.6	7.62	-999	935.12847	694.75	0	130.93333	2386.806	3.9245	1003.466667	137.3548611	84	31642.1322	32	197791	19.46111
12/18/2014	9.59	3%	10%	55%	24%	45%	55%	1961	73.4	1766.6	13.72	-999	950.78819	694.7	0	153.27123	1921.918	1.9055	1053.672222	185.7020833	121	68458.3124	55	267411	77.49041
12/19/2014	8.49	3%	12%	55%	24%	42%	58%	1951	69.9	1755.1	0.25	-999	968.16389	694.7	0	145.66667	1240.972	0.444	1029.55	194.4020833	126	63408.2576	54	279939	50.63889
12/20/2014	7.83	3%	10%	55%	25%	39%	61%	1916	43.7	1737.3	0.00	-999	969.45556	694.65	0	183.66197	915.493	2.247	970.4222222	179.2875	135	60814.8201	57	258174	43.76901
12/21/2014	7.43	2%	13%	55%	24%	42%	58%	1969	69.9	1783.1	1.27	-999	918.39167	694.6	0	124.06667	759.0278	0.2755	1005.288889	190.1291667	116	64456.5869	38	273786	11.37222
12/22/2014	7.92	3%	13%	55%	24%	43%	57%	1912	69.9	1763.1	0.51	-999	978.66944	694.55	0	153.68982	774.7368	3.4035	1019.288889	182.23125	79	64100.8939	39	262413	81.9986
12/23/2014	7.12	3%	13%	55%	25%	42%	58%	1950	66.4	1781.6	3.81	-999	970.35	694.5	0	179.93266	993.9394	1.103	953.4666667	179.9569444	102	65794.0302	42	259138	3.474747
12/24/2014	6.67	3%	13%	55%	25%	42%	58%	1946	48.9	1790.1	10.16	-999	957.9	694.45	0	160.82581	765.5914	1.5645	954.3111111	187.4708333	107	65011.4924	43	269958	39.77061
12/25/2014	6.38	2%	10%	55%	25%	42%	58%	1965	52.4	1763.6	0.00	-999	921.66667	694.4	0	184.33772	598.6159	2.0085	914.4888889	183.0076389	149	65907.466	43	263531	51.98062
12/26/2014	6.20	2%	10%	55%	25%	42%	58%	1977	62.9	1765.1	0.76	-999	928.45833	694.35	0	178.63662	547.8873	-1.342	938.5777778	180.0027778	149	66815.0318	43	259204	3.583099
12/27/2014	5.77	3%	11%	55%	27%	34%	66%	1784	54.2	1617.8	7.11	-999	947.62014	694.3	0	177.55616	558.9041	0.154	950.1777778	155.9375	112	51310.063	44	224550	38.67945
12/28/2014	5.33	2%	12%	55%	25%	36%	64%	1923	69.9	1741.1	1.27	-999	916.98542	694.25	5264	172.64226	463.3803	1.089	966.9777778	165.4805556	112	56037.985	34	238292	47.29578
12/29/2014	5.02	2%	12%	55%	25%	46%	54%	1777	40.2	1620.8	0.00	-999	922.69167	694.2	0	182.78487	362.8866	-0.174	914.1777778	179.60625	116	66705.4469	51	258633	1.720962
12/30/2014	4.76	3%	11%	55%	26%	30%	70%	996	55.9	833.1	0.00	-999	966.63056	694.2	245	165.34411	298.3165	-3.18	874.4888889	131.7361111	107	23021.1254	20	189700	0.018182
12/31/2014	4.70	2%	11%	55%	25%	51%	49%	1689	71.7	1617.3	0.00	-999	931.10694	694.1	0	209.76233	313.0435	-4.7735	917.0222222	192.1673611	0	73208.5831	63	276721	81.29638
1/1/2015	7.26	4%	9%	55%	28%	20%	80%	1755	57.7	1553.3	9.40	-999	988	694	0	156.20266	418	-0.303	913	129.1645833	144	31484.4106	38	185997	2.053333
1/2/2015	6.58	3%	10%	55%	25%	26%	74%	1902	54.2	1847.8	29.46	-999	991	694.05	0	183.71111	1076.389	2.127	823	155.8083333	0	41336.1453	31	224364	35.74444
1/3/2015	5.98	4%	10%	55%	26%	40%	60%	1911	55.9	1729.1	0.00	-999	961	693.95	0	203.04593	1078.519	-2.284	894	167.1	126	63411.7652	50	240624	50.78519
1/4/2015	5.79	2%	10%	55%	25%	40%	60%	1978	40.2	1765.8	0.00	-999	943	693.8	0	231.71765	580.3922	-6.8635	809	173.6597222	172	63718.0563	56	250070	0
1/5/2015	5.63	2%	9%	55%	25%	29%	71%	1864	42	1673	0.00	-999	981	693.65	0	193.0552	367.0251	-4.5045	673	143.5354167	149	42073.4476	43	206691	0
1/6/2015	5.52	2%	9%	55%	25%	14%	86%	1772	43.7	1593.3	0.00	-999	982	693.6	4	180.51111	291.7492	-3.128	1085	127.6423611	135	20343.1232	21	183805	77.46667
1/7/2015	5.39	2%	10%	55%	25%	46%	54%	1726	50.7	1587.3	2.29	-999	954	693.6	0	183.38218	294.8148	-2.2005	909	187.2708333	88	64321.7421	55	269670	0.607261
1/8/2015	5.20	2%	12%	55%	25%	43%	57%	1966	31.5	1781.5	9.91	-999	988	693.5	0	180.41905	267.3539	-3.355	757	182.3125	153	67874.997	64	262530	0
1/9/2015	5.02	2%	10%	55%	26%	15%	85%	1790	55.9	1604.1	0.00	-999	1007	693.45	0	203.29158	260.6061	-1.5735	843	131.9888889	130	21934.9582	31	190064	37.81279
1/10/2015	4.89	2%	8%	55%	25%	45%	55%	1973	52.4	1711.6	0.25	-999	901	693.45	0	176.18824	207.1895	0.498	760	203.4701389	209	67852.0702	65	292997	36.21961
1/11/2015	4.95	2%	9%	55%	25%	48%	52%	1968	71.7	1663.3	0.25	-999	971	693.4	0	191.76296	227.4074	1.376	801	200.9326389	233	71175.9972	68	289343	1.795556
1/12/2015	6.96	3%	8%	55%	25%	39%	61%	1893	40.2	1726.8	11.94	-999	914	693.35	0	128.9305	393.617	1.2255	784	170.7479167	126	60296.6904	74	245877	2.558865
1/13/2015	17.20	2%	8%	55%	0%	0%	100%	1765	75.2	0	27.18	-999	927	693.5	0	177.52381	3132.653	1.327	780	99.925	158	0	0	143892	127.4503
1/14/2015	28.65	4%	10%	55%	0%	0%	100%	1733	69.9	0	9.40	-999	904	693.6	0	138.31885	4399.276	3.7885	838	99.74097222	186	0	0	143627	101.7102
1/15/2015	65.26	2%	14%	55%	26%	28%	72%	1890	68.2	1649.8	14.22	-999	967	693.8	0	142.6272	4882.993	3.9075	817	165.5465278	172	41863.1821	36	238387	97.25714
1/16/2015	53.96	2%	12%	55%	26%	53%	47%	1970	59.4	1701.6	24.13	-999	953	694.05	0	107.87726	7961.594	3.9415	855	202.6305556	209	83211.0903	86	291788	213.2406
1/17/2015	42.06	2%	10%	55%	26%	49%	51%	1945	42	1675	25.40	-999	942	694.25	0	120.90754	5696.732	2.9715	960	202.5131944	228	76347.7757	77	291619	183.0902
1/18/2015	29.62	2%	9%	55%	25%	50%	50%	1925	22.7	1665.3	22.86	-999	937	694.4	0	133.59441	6158.042	2.822	847	199.5472222	237	72834.158	58	287348	119.3287
1/19/2015	21.44	2%	11%	55%	24%	47%	53%	1786	73.4	1568.6	3.05	-999	946	694.4	0	164.16901	3731.69	1.9905	981	190.94375	144	64632.1726	66	274959	31.47606

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
1/20/2015	38.11	0%	0%	55%	0%	0%	100%	0	0	0	9.14	-999	995	694.6	0	152.12483	3441.844	1.699	1015	87.53819444	0	0	0	126055	103.1546
1/21/2015	111.04	0%	0%	55%	0%	0%	100%	0	0	0	53.34	-999	911	695.3	0	90.579587	6102.04	2.397	1106	101.9895833	0	0	0	146865	186.1116
1/22/2015	126.13	2%	11%	55%	24%	34%	66%	1772	43.7	1621.3	51.31	-999	904	695.9	0	74.977778	6223.611	4.4005	1184	174.8986111	107	46947.3902	40	251854	238.9444
1/23/2015	86.47	2%	11%	55%	24%	39%	61%	1979	78.7	1751.3	13.21	-999	1038	696	0	148.33123	8588.07	5.609	1158	184.3666667	149	58200.5111	41	265488	240.7635
1/24/2015	72.66	2%	10%	55%	23%	40%	60%	1975	64.7	1770.3	19.05	-999	971	696.385	0	183.48056	8102.083	4.2985	1205	186.5027778	140	57666.5988	50	268564	230.5333
1/25/2015	49.97	2%	10%	55%	23%	39%	61%	1966	50.7	1808.3	16.76	-999	1004	696.385	0	153.94478	7558.923	3.7715	1281	184.8354167	107	57297.4333	57	266163	217.3522
1/26/2015	31.25	2%	12%	55%	23%	40%	60%	1974	52.4	1814.6	12.19	-999	968	696.385	0	180.98552	9202.174	1.5145	1172	179.3555556	107	58961.344	64	258272	107.6406
1/27/2015	23.23	2%	11%	55%	23%	43%	57%	1977	66.4	1705.6	4.06	-999	958	696.77	0	178.16275	5109.655	-1.6245	1343	192.3916667	205	57991.8678	67	277044	93.03724
1/28/2015	19.02	2%	8%	55%	24%	42%	58%	1978	59.4	1741.6	0.51	-999	1010	696.75	0	187.09651	2188.811	-5.594	1592	192.2645833	177	61505.2404	72	276861	0.039161
1/29/2015	16.06	3%	9%	55%	24%	44%	56%	1966	55.9	1743.1	12.20	-999	994	696.75	0	182.01087	1772.789	-2.85	1169	187.8625	167	63880.3413	79	270522	78.37278
1/30/2015	13.78	3%	9%	55%	23%	42%	58%	1961	47.2	1722.8	14.73	-999	983	696.7	0	183.51111	1456.944	-1.185	1277	191.66875	191	60869.5808	78	276003	2.744444
1/31/2015	12.46	2%	11%	55%	23%	40%	60%	1982	62.9	1775.1	0.00	-999	981	696.65	0	314.38596	1882.807	-0.914	1352	193.4881944	144	57851.0916	76	278623	63.64632
2/1/2015	11.77	2%	11%	55%	24%	42%	58%	1979	48.9	1702.1	0.00	-999	1015	696.5	0	68.772509	234.3643	-1.8015	1152	191.4284722	228	58413.3774	75	275657	17.9189
2/2/2015	10.89	3%	11%	55%	23%	42%	58%	1950	47.2	1707.8	0.00	-999	921	696.3	0	158.57778	815.2778	-0.9225	1234	199.6944444	195	60492.3671	76	287560	0.011111
2/3/2015	10.20	2%	9%	55%	0%	38%	62%	1982	48.9	1812.1	0.00	-999	939	696.3	0	169.472	731.3333	-3.5805	1184	190.1006944	121	0	69	273745	75.056
2/4/2015	9.55	5%	13%	55%	25%	25%	75%	1809	73.4	1623.6	0.00	-999	978	696.3	0	182.75557	622.2223	-5.049	1190	144.1930556	112	37246.2275	21	207638	0.533333
2/5/2015	8.93	2%	12%	55%	0%	0%	100%	1761	66.4	0	0.00	-999	1005	696.25	0	157.82399	566.6666	-3.0805	1092	98.57430556	93	0	1	141947	0.005333
2/6/2015	8.37	2%	12%	55%	0%	0%	100%	1721	48.9	0	0.00	-999	980	696.1	0	155.98842	504.3479	-7.1715	1330	99.86944444	79	0	0	143812	81.8145
2/7/2015	7.84	2%	11%	55%	24%	46%	54%	1917	57.7	1687.3	0.00	-999	991	696	0	132.21621	487.8378	-14.805	1059	180.8479167	172	65384.1504	47	260421	0
2/8/2015	7.56	2%	10%	55%	24%	59%	41%	1824	61.2	1595.8	1.78	-999	956	696	0	159.86479	2815.493	-15.975	1211	199.825	167	81426.2947	37	287748	0
2/9/2015	7.20	2%	9%	55%	23%	51%	49%	1982	40.2	1815.8	5.33	-999	944	696	5984	159.01882	377.7003	-12.445	825	204.1263889	126	76750.3854	49	293942	73.32125
2/10/2015	6.84	2%	13%	55%	24%	55%	45%	1905	56	1686	5.59	-999	957	695.9	883	173.23537	337.415	-6.1335	922	192.38125	163	71746.9613	49	277029	0.832653
2/11/2015	6.60	2%	12%	55%	23%	38%	62%	488	12.2	415.8	0.25	-999	892	695.85	1344	174.93333	356.0137	-2.9035	1121	118.9805556	60	12557.5766	4	171332	0
2/12/2015	6.95	2%	12%	55%	23%	48%	52%	1977	64.7	1726.3	15.75	-999	945	695.7	0	198.35461	363.1206	-1.4005	981	192.30625	186	68129.149	34	276921	39.91489
2/13/2015	11.90	2%	10%	55%	23%	32%	68%	1836	43.7	1592.3	11.94	-999	986	695.75	0	187.77921	741.2186	1.753	1033	158.4409722	200	42060.2168	26	228155	39.61577
2/14/2015	15.10	3%	11%	55%	25%	61%	39%	1566	54.2	1390.8	19.56	-999	941	695.85	0	205.28581	3025.083	3.8225	1031	200.18125	121	74807.3517	57	288261	85.50759
2/15/2015	13.58	2%	10%	55%	25%	38%	62%	1789	47.2	1606.8	2.29	-999	979	695.9	0	189.77778	2536.806	3.193	929	173.0854167	135	53604.6205	44	249243	1.983333
2/16/2015	11.86	2%	8%	55%	24%	52%	48%	1972	61.2	1664.8	1.02	-999	894	695.9	0	193.14695	1822.222	2.3655	957	216.2631944	246	72305.4835	46	311419	90.47742
2/17/2015	15.73	3%	8%	55%	24%	55%	45%	1963	71.7	1658.3	4.06	-999	968	695.9	0	190.53468	1546.801	3.0795	1304	201.525	233	77858.2867	51	290196	34.03098
2/18/2015	14.71	2%	8%	55%	26%	12%	88%	1782	33.2	1585.8	8.64	-999	570	695.95	0	101.32571	0	3.0575	1105	199.8090278	163	17143.5761	18	287725	-999
2/19/2015	9.52	2%	8%	55%	24%	34%	66%	1963	99.6	1644.4	0.76	-999	0	696	0	11.200001	0	4.081	888	187.98125	219	48385.362	24	270693	0
2/20/2015	16.60	3%	8%	55%	24%	43%	57%	1964	78.7	1648.3	13.97	-999	853	696.1	0	177.51111	0	2.5635	1212	198.4631944	237	60085.1966	33	285787	137.35
2/21/2015	13.32	2%	9%	55%	24%	44%	56%	1979	80.4	1656.6	1.02	-999	945	696.1	0	187.46667	0	2.2635	1174	189.7402778	242	60911.9667	47	273226	13.46667
2/22/2015	16.61	2%	8%	55%	23%	44%	56%	1979	90.9	1665.1	2.03	-999	984	696.05	0	213.49332	1393.225	2.0935	981	185.8548611	223	61131.1022	55	267631	81.14133
2/23/2015	32.65	3%	8%	55%	24%	44%	56%	1960	59.4	1640.6	19.30	-999	967	696.2	0	148.06957	4467.035	2.9715	1066	193.7652778	260	60680.1352	54	279022	141.4493
2/24/2015	27.58	2%	7%	55%	24%	46%	54%	1975	76.9	1619.1	14.99	-999	967	696.3	0	168.44535	4844.038	4.095	1262	191.8680556	279	63126.0335	63	276290	73.24948
2/25/2015	19.95	2%	7%	55%	23%	46%	54%	1969	94.4	1641.6	2.29	-999	963	696.25	0	178.66106	2496.83	2.3805	1226	200.5534722	233	62469.3408	66	288797	47.28
2/26/2015	15.24	2%	7%	55%	24%	47%	53%	1974	89.1	1554.9	0.51	-999	1096	696.2	0	152.49272	1663.255	1.872	1231	199.9506944	330	62474.2373	63	287929	84.20207
2/27/2015	12.79	2%	9%	55%	23%	44%	56%	1977	87.4	1652.6	0.00	-999	869	696.15	0	201.85119	1215.248	2.752	1332	199.0256944	237	60564.9779	67	286597	6.61843
2/28/2015	11.52	2%	11%	55%	23%	45%	55%	1978	78.7	1680.3	0.00	-999	990	696.1	0	147.00408	953.4993	3.388	671	198.34375	219	60063.0287	70	285615	79.8585
3/1/2015	10.69	3%	11%	55%	24%	35%	65%	1949	73.4	1619.6	0.00	-999	994.81111	696.05	0	155.84681	826.0965	3.0805	1907.865278	172.8986111	256	49727.2749	61	248974	3.364539
3/2/2015	10.02	2%	10%	55%	23%	47%	53%	1967	104.9	1597.1	0.51	-999	941.82778	696	0	172.09645	762.7468	3.583	1248.859722	196.6125	265	61419.7642	77	283122	21.73617
3/3/2015	9.62	2%	10%	55%	24%	22%	78%	1967	82.2	1712.8	0.00	-999	988.86667	695.9	0	162.10137	626.4979	2.5	1208.422222	192.375	172	64615.7823	83	277020	59.24932
3/4/2015	9.70	3%	9%	55%	24%	48%	52%	1963	73.5	1670.5	0.00	-999	931.25	695.85	0	164.93101	553.0711	1.9745	1312.197222	201.5777778	219	69825.4727	87	290272	1.873171
3/5/2015	9.75	3%	13%	55%	8%	49%	51%	1800	48.9	1621.1	8.64	-999	923.92222	695.85	0	149.65813	779.609	0.9905	1076.155556	196.4215278	130	23659.4052	86	282847	80.33218
3/6/2015	9.66	3%	11%	55%	24%	44%	56%	1959	55.9	1722.1	8.13	-999	986.23889	695.8	0	155.76276	1269.203	1.1925	967.8534722	197.5701389	181	64426.3906	89	284501	1.831724
3/7/2015	9.26	2%	10%	55%	24%	42%	58%	1880	75.2	1576.8	0.76	-999	932.48889	695.8	0	155.8069	1462.381	2.3655	920.6215278	179.44375	228	55408.2489	86	258399	70.83586
3/8/2015	13.71	2%	11%	55%	27%	21%	79%	1797	40.2	1658.8	3.81	-999	917.62778	695.85	0	164.68889	1437.354	3.38	942.9416667	139.1416667	98	33535.5046	37	200364	12.53333
3/9/2015	12.82	3%	11%	55%	23%	40%	60%	1958	47.2	1789.8	7.87	-999	841.57778	695.8	0	133.50858	1671.641	2.3315	1002.688889	193.6416667	121	59533.5754	25	278844	80.35429
3/10/2015	11.06	2%	8%	55%	23%	41%	59%	1980	47.2	1765.8	2.79	-999	959.41667	695.75	0	172.10525	1087.525	-1.1335	868.4666667	195.0756944	167	59766.4182	29	280909	10.17368
3/11/2015	9.81	2%	7%	55%	26%	47%	53%	1973	73.4	1704.6	2.54	-999	949.74931	695.7	0	159.74493	672.2986	-4.4425	976.3388889	193.0965278	195	73613.248	41	278059	0.127536
3/12/2015	10.72	3%	9%	55%	24%	45%	55%	1963	55.9	1754.1	4.32	-999	901.00625	695.7	0	178.86093	507.3252	-6.3055	1027.822222	189.4972222	153	68538.1548	36	272876	75.18411
3/13/2015	16.51	3%	11%	55%	24%	47%	53%	1960	59.4	1728.6	30.23	-999	965.35	695.75	0	152.17779	1530.016	-1.4035	1092.977778	189.9388889	172	69589.4145	38	273512	4.942223
3/14/2015	11.19	4%	12%	55%	26%	43%	57%	1941	69.9	1685.1	14.22	-999	925.51111	695.75	0	172.77686	2516.406	-0.148	1164.4	192.3798611	186	66133.9181	47	277027	88.29387
3/15/2015	9.85	5%	11%	55%	25%	41%	59%	1850	71.7	1545.3	2.03	-999	933.45556	695.7	0	164.97917	1216.572	-3.0655	1089.333333	169.8194444	233	57256.6923	53	244540	3.127778
3/16/2015	9.26	2%	9%	55%	24%	34%	66%	1974	66.4	1730.6	1.78	-999	945.42222	695.7	0	176.11111	780.8139	-1.587	1002.594444	170.2548611	177	49506.6444	24	245167	80.89444
3/17/2015	8.83	2%	10%	55%	4%	44%	56%	1782	64.7	1424.3	0.00	-999	930.48056	695.6	0	168.01088	568.4701	0.7995	1179.636111	166.7944444	293	7908.54842	33	240184	5.393197
3/18/2015	8.75	2%	9%	55%	25%	25%	75%	657	21	571	0.25	-999	877.54167	695.55	0	177.05143	532.2886	3.863	978.8305556	71.85347222	65	12399.166	6	103469	35.09714
3/19/2015	8.69	2%	10%	55%	3%	56%	44%	1504	73.4	1118.6	1.27	-999	915.24306	695.5	0	209.75052	702.2132	5.0495	1082.625	175.4416667	312	6949.93649	29	252636	48.85594
3/20/2015	8.42	1%	11%	55%	25%	37%	63%	1877	48.9	1628.1	1.27	-999	907.26528	695.5	0	198.59933	1022.587	4.706	988.7472222	162.9152778	200	52963.7585	28	234598	29.49799
3/21/2015	9.92	2%	10%	55%	4%	52%	48%	1981	59.4	1586.6	3.81	-999	883.98056	695.5	0	156.77163	980.3227	4.339	1030.68125	195.4638889	335	11982.6491	50	281468	57.65106
3/22/2015	9.41	2%	10%	55%	26%	47%	53%	1962	38.9	1663.1	12.45	-999	874.05	695.5	0	201.33333	1460.382	1.8365	1088.154861	185.1020833	260	70882.6419	66	266547	56.25556
3/23/2015	9.07	2%	10%	55%	26%	27%	73%	1885	34.3	1761.7	0.00	-999	875.38264	695.45	0	135.98866	1127.731	4.0845	1036.141667	135.7722222	89	44388.7651	36	195512	29.31631
3/24/2015	8.86	2%	10%	55%	26%	18%	82%	1819	78.7	1526.3	0.00	-999	902.79583	695.4	0	184.17778	784.3049	4.2095	1286.434722	131.9506944	214	24512.1864	15	190009	37.06111
3/25/2015	8.63	1%	11%	55%	25%	38%	62%	1873	52.4	1508.6	0.00	-999	909.91944	695.35	0	153.79591	580.9326	3.9285	1180.198611	173.4951389	312	51673.3051	29	249833	47.42313
3/26/2015	10.78	1%	10%	55%	25%	49%	51%	1988	52.4	1633.6	1.02	-999	883.50486	695.3	0	196.1532	524.8908	4.7065	932.0611111	199.0847222	302	70524.5005	59	286682	2.229787
3/27/2015	13.16	2%	10%	55%	24%	46%	54%	1978	54.2	1677.8	19.81	-999	931.69722	695.3	0	215.96733	1250.814	3.264	1131.027778	188.58125	246	66359.9108	55	271557	85.25714
3/28/2015	12.70	2%	9%	55%	24%	44%	56%	1973	52.4	1753.6	6.10	-999	902.65694	695.25	0	202.15172	1236.87	3.295	816.1277778	187.4104167	167	67176.3486	66	269871	1.688276
3/29/2015	15.83	2%	9%	55%	25%	46%	54%	1977	64.7	1740.3	5.59	-999	928.50139	695.25	0	233.57808	1108.464	3.829	758.5583333	187.1243056	172	71902.8447	81	269459	66.26301
3/30/2015	16.14	2%	9%	55%	26%	31%	69%	1889	57.7	1654.3	15.49	-999	900.21389	695.2	0	164.26668	1709.657	3.4675	950.6027778	154.3680556	177	46754.6193	65	222290	17.57681
3/31/2015	17.78	2%	13%	55%	25%	35%	65%	1963	52.4	1636.6	0.25	-999	909.70694	695.2	0	170.21866	1437.077	5.9015	946.2048611	151.2097222	274	50410.925	54	217742	30.45333
4/1/2015	12.40	2%	12%	55%	25%	46%	54%	1977	78.7	1689.3	19.30	-999	925.1125	695.15	0	201.04349	2009.291	2.672	874.9923611	184.0111111	209	68058.4514	76	264976	64.25508
4/2/2015	11.13	2%	10%	55%	23%	44%	56%	1951	73.4	1672.6	6.10	-999	911.01111	695.15	0	208.57222	1860.062	3.329	787.5111111	174.5958333	205	61019.6581	75	251418	6.627778
4/3/2015	9.66	1%	10%	55%	24%	9%	91%	1826	76.9	1605.1	0.51	-999	909.05139	695.1	0	190.54693	1280.545	3.603	724.0888889	116.9222222	144	12620.1261	16	168368	80.81632
4/4/2015	8.63	2%	12%	55%	24%	48%	52%	1975	64.7	1654.3	0.00	-999	942.51806	695.05	0	178.26951	912.7965	5.302	752.2222222	183.0055556	256	67260.9861	88	263528	2.093617
4/5/2015	7.92	1%	10%	55%	23%	48%	52%	1993	76.9	1679.1	1.02	-999	873.83889	695	0	191.6	737.9944	5.616	729.0666667	184.3048611	237	66631.5575	94	265399	48.57778
4/6/2015	7.55	1%	10%	55%	23%	45%	55%	1988	54.2	1817.8	0.00	-999	951.24444	694.9	0	181.65985	614.9428	4.859	770.0361111	182.3493056	116	68235.5949	101	262583	30.39456
4/7/2015	7.54	2%	10%	55%	25%	32%	68%	1656	57.7	1542.3	0.76	-999	891.05278	694.9	0	195.61361	565.5327	3.7265	691.8194444	152.0826389	56	44485.1056	73	218999	6.590476

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
4/8/2015	17.45	2%	10%	55%	24%	41%	59%	1976	69.9	1804.1	10.16	-999	822.13889	694.9	0	172.8227	696.1355	3.703	584.4444444	187.2340278	102	64024.9936	87	269617	82.34326
4/9/2015	40.37	2%	10%	55%	25%	44%	56%	1972	50.7	1768.3	43.18	-999	940.79306	695	0	191.32517	2811.583	3.448	721.4416667	197.2354167	153	68472.0525	71	284019	9.322449
4/10/2015	23.80	2%	12%	55%	25%	26%	74%	1928	55.9	1756.1	16.51	-999	862.20139	695.05	0	191.35106	3694.557	4.265	596.7111111	150.4111111	116	41264.82	38	216592	107.4723
4/11/2015	17.76	1%	9%	55%	25%	46%	54%	1986	26.2	1768.8	17.02	-999	889.85833	695.15	0	185.43711	2934.284	1.8015	745.6	189.075	191	70551.9608	66	272268	90.90309
4/12/2015	13.88	2%	9%	55%	24%	45%	55%	1980	57.7	1773.3	14.48	-999	883.49722	695.2	0	195.66035	2229.889	1.7015	907.6583333	191.4756944	149	68992.7585	71	275725	1.352982
4/13/2015	11.63	2%	10%	55%	25%	51%	49%	1725	33.2	1519.8	10.16	-999	920.57778	695.2	0	139.59184	2028.455	0.567	1226.916667	193.8666667	172	69188.9544	71	279168	85.46939
4/14/2015	10.24	3%	11%	55%	25%	42%	58%	1960	43.7	1739.3	4.83	-999	930.925	695.2	0	209.81714	1703.684	1.541	1133.275	183.3173611	177	65328.005	80	263977	4.988571
4/15/2015	12.85	3%	11%	55%	39%	7%	93%	1739	26.2	1610.8	9.65	-999	854.125	695.2	0	184.21742	1510.234	2.025	1092.875	105.1993056	102	14612.601	35	151487	86.1101
4/16/2015	14.91	2%	12%	55%	84%	2%	98%	1758	0	1656	23.11	-999	940.59167	695.3	0	122.64808	2867.178	1.94	959.2305556	96.20486111	102	9106.81333	38	138535	29.97631
4/17/2015	12.34	2%	13%	55%	100%	4%	96%	1726	89.1	1534.9	2.29	-999	953.66667	695.25	0	126.25455	2563.796	3.431	984.5555556	100.675	102	21329.1154	89	144972	62.39441
4/18/2015	11.57	2%	13%	55%	29%	39%	61%	1503	83.9	1284.1	5.59	-999	959.54444	695.2	0	121.75237	1605.999	2.5	981.0222222	168.8534722	135	54744.7296	88	243149	37.42585
4/19/2015	14.96	2%	12%	55%	26%	49%	51%	1969	82.2	1593.8	11.94	-999	951.49444	695.25	0	175.97732	1808.853	2.736	1035.552778	190.7340278	293	69372.3888	95	274657	51.94327
4/20/2015	21.13	2%	10%	55%	26%	44%	56%	1980	61.2	1741.8	14.48	-999	893.11111	695.3	0	182.89483	3415.458	3.55	1028.275	183.4513889	177	70060.9517	96	264170	96.60481
4/21/2015	22.81	2%	10%	55%	27%	15%	85%	1831	97.5	1733.358	15.49	-999	965.73333	695.35	0	187.22808	4012.506	4.1805	853.7388889	193.1861111	0.142	62422.1727	90	278188	19.60983
4/22/2015	16.36	1%	11%	55%	25%	30%	70%	890	22.7	741.3	1.27	-999	962.3	695.35	0	168.95318	2459.301	2.57	1036.833333	93.22638889	126	19148.3931	15	134246	72.74893
4/23/2015	12.91	2%	11%	55%	25%	46%	54%	1983	78.7	1676.3	0.00	-999	1002.2861	695.3	0	109.75783	1576.849	3.3555	906.7138889	186.4666667	228	68185.2997	55	268512	10.36191
4/24/2015	11.65	2%	11%	55%	25%	43%	57%	1981	52.4	1714.6	0.00	-999	972.48611	695.25	0	170.36266	1217.976	8.2495	1043.719444	181.9243056	214	65362.1756	50	261971	73.41333
4/25/2015	13.49	2%	9%	55%	25%	48%	52%	1977	55.9	1670.1	0.00	-999	959.99444	695.2	0	185.47222	967.8618	8.448	1023.508333	189.0409722	251	70115.4329	64	272219	1.444444
4/26/2015	14.84	2%	10%	55%	26%	44%	56%	1975	48.9	1638.1	0.00	-999	948.49444	695.1	0	182.51348	847.5355	8.6045	976.2138889	188.0423611	288	66463.7605	55	270781	81.32199
4/27/2015	16.60	2%	11%	55%	24%	46%	54%	1976	47.2	1677.8	7.62	-999	938.1	695.1	0	168.21259	858.5007	7.2125	959.8444444	397.1625	251	66228.215	67	571914	1.46014
4/28/2015	16.56	2%	12%	55%	50%	28%	72%	1846	66.4	1658.6	3.56	-999	971.45	695	0	190.78311	909.974	4.146	959.0111111	134.2916667	121	81382.1986	258	193380	8.980282
4/29/2015	22.04	2%	12%	55%	38%	34%	66%	1910	55.9	1714.1	8.13	-999	946.43333	695.05	0	105.83945	1162.263	4.9795	1162.047222	156.2097222	140	77907.8894	202	224942	78.45442
4/30/2015	17.33	2%	8%	55%	23%	52%	48%	1967	45.4	1726.6	18.80	-999	966.73889	695.05	0	178.47377	2112.872	2.8535	993.2	196.7993056	195	72405.6966	94	283391	1.100709
5/1/2015	16.99	2%	10%	55%	24%	59%	41%	1888	52.4	1691.6	1.27	-999	916.86111	695	0	189.82312	1596.188	5.412	992.4055556	212.0430556	144	86334.6275	118	305342	79.57006
5/2/2015	16.53	2%	14%	55%	25%	49%	51%	1932	55.9	1750.1	3.30	-999	972.15556	694.95	0	202.62222	1148.638	5.6	1213.283333	190.4034722	126	75519.4478	111	274181	0.683333
5/3/2015	16.61	2%	12%	55%	22%	54%	46%	1972	43.7	1756.3	0.00	-999	978.43333	694.9	0	163.08904	948.7158	6.3855	1095.022222	213.9027778	172	75254.3481	79	308020	49.57808
5/4/2015	20.23	2%	9%	55%	31%	37%	63%	1891	47.2	1685.8	0.00	-999	977.24306	694.8	0	183.35918	748.6619	7.2155	802.0444444	186.8631944	158	67991.9477	112	269083	27.06395
5/5/2015	22.33	2%	8%	55%	52%	24%	76%	1748	40.2	1614.8	0.00	-999	853.54028	694.75	0	160.00001	670.2883	9.76	1058.8	133.7291667	93	55582.7162	161	192570	0.676471
5/6/2015	23.29	2%	9%	55%	22%	53%	47%	1967	50.7	1763.3	0.00	-999	977.71111	694.7	0	180.64313	551.5296	8.9895	1016.177778	210.6076389	153	72349.8574	86	303275	63.6183
5/7/2015	23.73	2%	8%	55%	22%	43%	57%	1906	62.9	1699.1	0.00	-999	995.32222	694.6	0	168.65334	571.3677	8.587	1038.888194	189.6006944	144	58340.5629	73	273025	9.155556
5/8/2015	22.41	2%	7%	55%	21%	42%	58%	1984	64.7	1789.3	0.00	-999	996.82222	694.5	0	183.31599	538.9473	7.7935	1064.179861	177.3263889	130	55860.7137	53	255350	0.277333
5/9/2015	53.36	2%	7%	55%	20%	45%	55%	1888	71.7	1732.3	0.00	-999	790.45417	694.5	0	218.64444	542.4965	10.9445	928.5319444	191.0291667	84	55856.0165	59	275082	33.68889
5/10/2015	47.11	2%	6%	55%	20%	33%	67%	1987	80.4	1743.6	9.91	-999	937.02639	694.45	0	116.13333	632.675	8.8565	913.4444444	170.3034722	163	42424.5692	35	245237	42.88889
5/11/2015	44.37	2%	7%	55%	21%	53%	47%	1974	57.7	1776.3	4.06	-999	967.55972	694.35	0	170.93901	659.9028	10.1605	1252.166667	210.2715278	140	69080.6912	54	302791	0
5/12/2015	47.41	2%	9%	55%	20%	51%	49%	1970	47.2	1857.8	1.02	-999	927.60417	694.3	0	193.50204	625.7633	9.923	1292.691667	215.5048611	65	67611.248	60	310327	0.027211
5/13/2015	70.42	2%	8%	55%	20%	53%	47%	1937	71.7	1781.3	0.00	-999	935.6125	694.25	0	183.72175	596.9153	12.366	1200.683333	211.6013889	84	66466.0292	63	304706	77.55942
5/14/2015	72.58	2%	8%	55%	21%	46%	54%	1952	80.4	1713.6	0.00	-999	955.64444	694.15	0	177.66047	574.1388	14.075	1240.861111	202.0861111	158	59060.0897	53	291004	0
5/15/2015	68.23	1%	11%	55%	21%	31%	69%	1878	71.7	1713.3	0.00	-999	940.01042	694.05	0	160.52423	581.5154	13.74	1248.202778	155.2451389	93	39504.7674	39	223553	0.125597
5/16/2015	65.65	2%	7%	55%	6%	51%	49%	1981	75.2	1831.8	0.00	-999	975.98264	694	0	191.79301	570.1902	13.9	1271.544444	213.4395833	74	18213.6267	76	307353	74.44476
5/17/2015	65.03	2%	8%	55%	6%	49%	51%	1982	61.2	1776.8	0.00	-999	933.47917	693.9	0	164.00281	542.9088	12.488	1255.263889	204.4979167	144	17255.0147	72	294477	0
5/18/2015	69.55	3%	11%	55%	22%	46%	54%	1962	61.2	1812.8	0.00	-999	924.20694	693.85	0	156.8	528.6748	15.18	1254.366667	193.7368056	88	65620.162	67	278981	0
5/19/2015	69.92	2%	12%	55%	22%	52%	48%	1970	64.7	1752.3	0.00	-999	964.79722	693.8	0	177.45664	497.4359	16.89	1206.588889	195.6354167	153	70714.7051	81	281715	0
5/20/2015	66.64	3%	13%	55%	26%	26%	74%	1864	64.7	1664.3	0.00	-999	930.89444	693.65	0	179.6108	488.6858	15.67	1319.130556	139.8215278	135	40344.621	20	201343	71.75135
5/21/2015	63.73	2%	12%	55%	23%	56%	44%	1970	66.4	1722.6	0.00	-999	985.54028	693.6	0	186.60573	440	15.905	1367.275	203.2006944	181	79611.187	13	292609	0
5/22/2015	69.08	2%	9%	55%	23%	44%	56%	1912	55.9	1623.1	0.00	-999	899.73472	693.5	0	173.41276	437.7461	15.94	1301.333333	165.5833333	233	58801.0221	22	238440	0
5/23/2015	66.55	1%	10%	55%	23%	22%	78%	1870	57.7	1584.3	0.00	-999	906.65278	693.4	0	187.69067	418.2053	18.38	1390.711111	138.4944444	228	27745.1051	2	199432	62.24533
5/24/2015	53.64	2%	8%	55%	22%	55%	45%	1985	61.2	1690.8	0.00	-999	984.20139	693.35	0	176.82721	342.2041	15.64	1419.730556	202.7986111	233	74308.4214	15	292030	7.989116
5/25/2015	42.82	2%	11%	55%	24%	53%	47%	1957	76.9	1675.1	0.00	-999	895.60694	693.25	0	199.92057	348.444	12.595	1317.575	197.9145833	205	73931.9211	17	284997	0
5/26/2015	41.94	2%	12%	55%	0%	0%	100%	1544	42	0	0.00	-999	944.93194	693.2	0	185.51203	352.7876	13.345	1246.866667	93.46527778	56	0	1	134590	0
5/27/2015	40.80	2%	11%	55%	0%	0%	100%	788	10.5	0	0.00	-999	968.73889	693.1	0	188.75461	342.8702	12.77	1415.477778	123.3444444	37	0	11	177616	74.24113
5/28/2015	37.19	3%	10%	55%	20%	19%	81%	1756	43.7	1591.3	3.05	-999	993.09861	693	0	182.38923	372.2458	9.9385	1408.705556	129.5576389	121	21706.5689	16	186563	0
5/29/2015	41.28	2%	10%	55%	24%	46%	54%	1968	40.2	1708.8	0.00	-999	953.93611	692.9	0	186.49199	329.101	14.9005	1020.066667	193.1666667	219	67384.3475	76	278160	0
5/30/2015	41.23	1%	9%	55%	24%	50%	50%	1992	48.9	1752.1	0.00	-999	991.20833	692.85	0	192.95225	294.5285	17.995	1131.527778	197.6986111	191	73294.9889	95	284686	0
5/31/2015	40.55	2%	8%	55%	24%	51%	49%	1975	48.9	1777.1	0.00	-999	1041.9889	692.75	0	195.66035	259.279	17.64	1328.205556	206.5506944	149	76856.7115	106	297433	73.13965
6/1/2015	36.82	2%	9%	55%	24%	62%	38%	1519	36.7	1333.3	0.00	-999	976.71389	692.65	10721	182.02222	212.2118	15.185	1333.394444	197.4291667	149	70205.2737	58	284298	0
6/2/2015	35.18	2%	12%	55%	25%	56%	44%	1967	40.2	1786.8	0.00	-999	1007.5076	692.55	0	196.70252	193.6774	14.335	1094.573611	209.9666667	140	89152.3474	78	302352	0
6/3/2015	71.63	3%	10%	55%	24%	50%	50%	1937	36.7	1719.3	4.06	-999	931.54514	692.55	0	166.93332	303.8786	12.54	1516.748611	201.6868056	181	74546.8925	74	290429	0
6/4/2015	67.04	3%	9%	55%	33%	6%	94%	1679	38.5	1561.5	32.51	-999	1011.375	692.5	0	187.33914	653.466	10.05	1261.327778	74.34513889	79	10895.5832	22	107057	80.06377
6/5/2015	91.45	2%	9%	55%	25%	45%	55%	1936	35	1701	34.80	-999	992.68333	692.65	3118	191.95645	2614.824	8.791	1192.888889	205.8833333	200	68212.2686	77	296472	66.17687
6/6/2015	55.24	2%	10%	55%	23%	58%	42%	1968	40.2	1667.8	8.89	-999	995.47778	692.7	0	199.5737	3030.623	9.235	1119.251389	222.9854167	260	80464.6	101	321099	29.74118
6/7/2015	43.45	2%	9%	55%	26%	53%	47%	1977	29.7	1803.3	12.45	-999	1035.9611	692.65	86	148.59789	1722.074	8.7245	1075.593056	216.1493056	144	87270.1928	98	311255	6.551579
6/8/2015	33.53	3%	11%	55%	0%	6%	94%	1749	43.7	1658.3	6.60	-999	1018.5	692.55	0	166.89693	1523.442	9.2285	1021.933333	78.28541667	47	0	20	112731	71.07713
6/9/2015	26.48	2%	9%	55%	23%	50%	50%	1951	42	1769	1.52	-999	1044.8972	692.5	0	185.85507	1072.196	9.029	1175.538889	184.5493056	140	73039.9545	87	265751	0
6/10/2015	29.40	2%	9%	55%	24%	49%	51%	1876	43.7	1767.3	2.79	-999	1077.6528	692.45	0	206.10612	847.2605	8.5655	1212.156944	185.3965278	65	73847.8949	95	266971	74.94966
6/11/2015	37.50	2%	10%	55%	23%	53%	47%	1976	55.9	1841.1	19.30	-999	976.02639	692.45	0	187.86667	1237.4	7.1465	1130.311806	199.9861111	79	80939.0003	99	287980	0
6/12/2015	28.36	2%	10%	55%	26%	24%	76%	1845	45.4	1720.6	7.37	-999	1003.9125	692.4	0	181.02857	1495.756	8.87	1116.575694	146.2875	79	37297.8168	46	210654	43.22721
6/13/2015	24.62	2%	10%	55%	24%	53%	47%	1979	40.2	1845.8	0.00	-999	1012.425	692.3	0	167.89104	856.3828	10.0255	1054.705556	200.3777778	93	83553.2828	100	288544	33.50825
6/14/2015	33.50	1%	8%	55%	24%	57%	43%	1910	83.9	1714.1	0.00	-999	1032.2	692.25	2	189.93131	697.5515	13.1325	1066.647222	211.4555556	112	84586.8243	110	304496	0
6/15/2015	39.35	2%	10%	55%	24%	53%	47%	1970	52.4	1791.6	0.00	-999	1022.5167	692.15	5	181.40767	492.2446	20.28	1028.1	207.7506944	126	80735.2793	112	299161	74.96028
6/16/2015	35.57	1%	9%	55%	27%	20%	80%	1840	78.7	1626.3	0.00	-999	952.45556	692.1	0	195.97778	364.2854	20.29	1045.225	137.4555556	135	31412.5147	44	197936	0
6/17/2015	29.15	2%	7%	55%	24%	53%	47%	1978	75.2	1753.8	0.00	-999	1007.8889	692	0	159.73333	294.641	18.095	1171.038889	212.0520833	149	79138.7072	103	305355	0
6/18/2015	24.72	2%	8%	55%	24%	57%	43%	1833	54.2	1652.8	0.25	-999	1023	691.9	0	199.42858	273.8264	12.355	1097.005556	212.0493056	126	82409.4311	92	305351	28.79429
6/19/2015	23.18	2%	12%	55%	24%	35%	65%	1866	48.9	1701.1	2.54	-999	972.65	691.8	4471	165.49188	281.2297	12.235	1173.544444	129.81875	116	50330.5499	12	186939	43.74594
6/20/2015	22.46	3%	11%	55%	23%	44%	56%	1923	22.7	1747.3	0.00	-999	988.05	691.75	0	224.98287	250.8457	13.66	1074.277083	186.2465278	153	63199.7135	70	268195	0
6/21/2015	21.55	3%	11%	55%	23%	52%	48%	1959	54.2	1774.8	0.00	-999	976.69444	691.65	0	145.70666	211.0327	14.165	1302.884028	211.7458333	130	75730.2626	87	304914	29.17867
6/22/2015	22.47	2%	10%	55%	0%	52%	48%	1973	66.4	1785.6	0.00	-999	1024.7278	691.6	0	184.19291	203.8348	14.945	929.3444444	208.1465278	121	77457.841	88	299731	44.42553
6/23/2015	24.90	2%	13%	55%	23%	33%	67%	1888	38.5	1723.5	0.00	-999	1017.5278	691.5	2804	161.11207	172.8447	15.405	1010.177778	136.2784722	126	47240.8752	60	196241	0
6/24/2015	24.38	2%	12%	55%	23%	43%	57%	1812	59.4	1599.6	0.00	-999	917.63889	691.4	4458	197.66944	155.834	16.955	1054.488889	151.2458333	153	56556.9855	23	217794	24.29444

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
6/25/2015	24.39	1%	8%	55%	24%	44%	56%	1859	62.9	1652.1	0.00	-999	1028.3056	691.3	0	209.50833	147.1125	17.44	932.0444444	148.9729167	144	60787.7127	31	214521	48.43333
6/26/2015	45.28	2%	7%	55%	25%	44%	56%	1909	59.4	1714.6	5.08	-999	990.72778	691.25	3278	199.11111	162.7701	16.08	843.2444444	161.2604167	135	67410.672	44	232215	0
6/27/2015	31.95	2%	7%	55%	25%	47%	53%	1924	47.2	1769.8	12.70	-999	978.11111	691.15	0	183.21568	199.4144	12.17	845.9555556	184.9270833	107	72886.061	48	266295	0
6/28/2015	22.81	2%	7%	55%	24%	55%	45%	1928	50.7	1724.3	1.02	-999	979.7	691.05	0	193.83529	171.1647	13.23	843.3333333	193.1576389	153	80754.2315	41	278147	67.81699
6/29/2015	25.06	2%	8%	55%	24%	46%	54%	1937	69.9	1765.1	0.00	-999	974.61111	691	0	220.24848	136.8583	14.575	815.3777778	188.3715278	102	71091.859	50	271255	0
6/30/2015	21.36	3%	12%	55%	27%	36%	64%	1490	40.2	1402.8	9.65	-999	943.71111	690.9	7226	153.51018	197.8919	12.825	1279.705556	148.7631944	47	49547.4393	41	214219	0
7/1/2015	1.50	2%	14%	55%	25%	42%	58%	477	24.5	429.5	9.40	-999	983	690.8	0	173.48818	159.1842	11.34	790	109.7534722	23	15996.8366	7	158045	0
7/2/2015	5.23	2%	9%	55%	23%	57%	43%	1972	50.7	1730.3	0.00	-999	942	690.85	0	175.14557	228.5333	13.85	869	203.0861111	191	80149.3692	32	292444	71.06394
7/3/2015	3.13	2%	9%	55%	23%	54%	46%	1932	66.4	1670.6	0.51	-999	939	690.8	0	184.49363	1106.67	15.175	977	199.3222222	195	75903.5462	33	287024	0
7/4/2015	1.97	2%	9%	55%	25%	60%	40%	1984	61.2	1638.8	10.92	-999	973	690.7	0	197.89588	804.0958	12.545	669	193.025	284	85177.4031	62	277956	47.41096
7/5/2015	1.95	1%	9%	55%	25%	60%	40%	1982	54.2	1620.8	38.10	-999	863	690.63	0	198.15724	461.7793	10.715	763	185.7208333	307	87190.7877	79	267438	25.24966
7/6/2015	2.01	2%	9%	55%	25%	60%	40%	1876	48.9	1608.1	0.00	-999	929	690.55	0	204.8	216.4771	12.735	804	183.7944444	219	84264.8685	83	264664	0
7/7/2015	1.96	3%	12%	55%	24%	60%	40%	1637	47.2	1459.8	0.51	-999	914	690.5	0	210.51586	573.4597	14.985	983	177.9159722	130	73135.4998	48	256199	0
7/8/2015	2.15	2%	10%	55%	22%	35%	65%	1771	50.7	1613.3	20.07	-999	917	690.4	0	203.40772	1026.214	13.19	671	149.4111111	107	45099.1992	43	215152	72.3593
7/9/2015	30.68	2%	9%	55%	22%	55%	45%	1788	47.2	1577.8	26.92	-999	939	690.35	0	161.74338	1529.726	11.155	854	189.25	163	68916.5289	71	272520	0
7/10/2015	55.87	2%	8%	55%	24%	53%	47%	1958	61.2	1650.8	3.05	-999	889	690.25	0	201.42702	1675.085	12.375	620	192.9875	246	74692.4893	80	277902	0
7/11/2015	0.00	2%	9%	55%	23%	54%	46%	1976	62.9	1667.1	0.00	-999	913	690.25	0	244.00559	1227.658	13.7	725	189.9145833	246	73944.9218	84	273477	0
7/12/2015	0.00	3%	10%	55%	24%	53%	47%	1962	64.7	1711.3	24.13	-999	929	690.25	0	166.94379	573.4597	12.35	692	196.9215278	186	76754.7065	87	283567	68.15686
7/13/2015	0.00	3%	10%	55%	4%	52%	48%	1964	48.9	1724.1	80.00	-999	843	690.2	0	181.78824	1026.214	12.885	844	194.0444444	191	73819.2537	77	279424	0
7/14/2015	0.00	3%	12%	55%	23%	47%	53%	1961	40.2	1664.8	24.38	-999	927	690.2	0	188.66287	1529.726	14.285	824	185.6138889	256	64852.7115	67	267284	0
7/15/2015	0.00	2%	11%	55%	23%	38%	62%	1918	48.9	1678.1	3.56	-999	859	690.1	0	189.88889	1675.085	15.38	872	172.9555556	191	52942.9866	55	249056	77.75
7/16/2015	0.00	2%	9%	55%	23%	45%	55%	912	21	812	0.00	-999	957	690	0	170.92788	1227.658	13.83	842	112.1743056	79	29518.6809	31	161531	0.070748
7/17/2015	0.00	2%	8%	55%	21%	38%	62%	1988	52.4	1698.6	0.00	-999	897	690	0	189.10685	833.5063	12.73	862	173.8597222	237	49583.0038	39	250358	0
7/18/2015	0.00	1%	8%	55%	23%	22%	78%	1859	62.9	1596.1	0.00	-999	910	689.9	0	211.52231	681.9188	11.965	906	139.4847222	200	28466.5804	23	200858	75.72375
7/19/2015	0.00	2%	7%	55%	21%	36%	64%	1988	64.7	1690.3	0.25	-999	952	689.85	0	185.8	533.1431	13.78	903	173.1979167	233	46668.3442	33	249405	0
7/20/2015	0.00	2%	7%	55%	22%	48%	52%	1980	82.2	1688.8	0.00	-999	905	689.85	0	181.61066	728.1007	13.125	886	206.5819444	209	64274.9658	40	297478	0
7/21/2015	0.00	2%	8%	55%	22%	49%	51%	1983	64.7	1667.3	9.14	-999	913	689.8	0	186.65544	780.0694	10.955	828	204.6368056	251	62875.0609	44	294677	74.93053
7/22/2015	0.00	2%	9%	55%	23%	44%	56%	1838	75.2	1581.8	0.25	-999	941	689.7	0	186.74696	519.7625	14.5935	1025	184.1465278	181	56184.4849	45	265171	0
7/23/2015	0.00	2%	8%	55%	22%	42%	58%	1877	52.4	1564.6	0.00	-999	877	689.65	0	196.31111	414.6326	16.325	1158	175.6972222	260	51593.932	48	253004	0
7/24/2015	0.00	2%	10%	55%	22%	55%	45%	1970	54.2	1706.8	0.76	-999	942	689.65	0	162.26132	915.8167	14.46	1277	201.8805556	209	72178.9249	85	290708	61.65333
7/25/2015	0.00	2%	9%	55%	23%	58%	42%	1967	71.7	1649.3	3.05	-999	952	689.6	0	179.66378	1105.713	12.565	1084	202.8951389	246	76860.3063	96	292169	12.78841
7/26/2015	0.00	2%	9%	55%	23%	34%	66%	1625	45.4	1407.6	20.07	-999	833	689.55	0	177.1755	707.7271	10.985	1207	133.9229167	172	38289.357	47	192849	0
7/27/2015	0.00	3%	9%	55%	23%	57%	43%	1962	73.4	1655.6	11.68	-999	923	689.55	0	183.04444	756.5951	11.94	1207	205.6638889	233	76826.1557	89	296156	18.44444
7/28/2015	0.00	2%	9%	55%	22%	57%	43%	1975	68.2	1669.8	9.65	-999	907	689.65	0	172.77706	2708.06	13.375	1224	205.7319444	237	74931.1677	93	296254	60.89749
7/29/2015	0.00	2%	7%	55%	24%	42%	58%	1907	52.4	1663.6	7.62	-999	939	689.7	0	187.07355	3907.638	12.415	1222	175.7951389	191	59585.2406	73	253145	88.44537
7/30/2015	0.00	2%	8%	55%	23%	22%	78%	1838	52.4	1608.6	20.57	-999	909	689.75	0	175.46667	3433.674	11.615	1184	137.6631944	177	29101.0617	33	198235	0
7/31/2015	0.00	3%	8%	55%	22%	55%	45%	1964	47.2	1674.8	0.76	-999	933	689.7	0	280.5442	2084.918	12.155	1187	204.8368056	242	72937.3068	85	294965	0
8/1/2015	0.00	2%	7%	55%	23%	56%	44%	1974	57.7	1702.3	3.30	-999	887.14306	689.7	0	236.52706	1599.654	12.17	1267.627778	214.2784722	214	76812.2559	104	308561	0
8/2/2015	0.00	2%	7%	55%	24%	57%	43%	1977	54.2	1708.8	4.57	-999	899.34167	689.65	6264	53.812927	1356.92	13.38	1345.044444	210.5930556	214	82765.6553	111	303254	70.57368
8/3/2015	0.00	2%	7%	55%	23%	57%	43%	1981	61.2	1691.8	0.00	-999	893.68056	689.55	0	179.28421	1180.079	14.455	1302.461111	205.5840278	228	79939.3079	108	296041	0
8/4/2015	0.00	2%	11%	55%	27%	34%	66%	1787	78.7	1555.3	0.00	-999	891.79167	689.5	0	188.21275	824.164	17.335	1396.738889	145.5506944	153	51140.7824	93	209593	0
8/5/2015	0.00	0%	13%	55%	0%	0%	100%	0	0	0	0.00	-999	675.95833	689.45	0	28.644444	22192.64	19.885	1209.744444	0	0	0	0	0	0
8/6/2015	0.00	0%	0%	55%	0%	0%	100%	0	0	0	0.00	-999	399.81389	689.45	0	133.94121	43561.13	16.44	1158.038889	7.696527778	0	239.652982	1	11083	67.0099
8/7/2015	0.00	1%	10%	55%	24%	23%	77%	1571	38.5	1374.5	2.54	-999	885.33333	689.35	0	129.41518	611.2688	13.105	1303.477778	140.2993056	158	27170.1872	33	202031	2.655197
8/8/2015	0.00	2%	9%	55%	24%	56%	44%	1982	64.7	1726.3	0.00	-999	878.32778	689.3	0	250.44875	483.2767	16.32	1234.455556	207.8548611	191	81646.5358	110	299311	0
8/9/2015	0.00	2%	10%	55%	23%	56%	44%	1931	55.9	1684.1	0.00	-999	886.12222	689.25	0	176.69565	425.4376	16.35	1216.072917	205.6145833	191	76665.7879	109	296085	0
8/10/2015	0.00	2%	10%	55%	23%	58%	42%	1849	48.9	1600.1	0.00	-999	924.70556	689.15	0	172.44932	409.6817	15.875	1178.904861	211.4013889	200	75376.1753	106	304418	0
8/11/2015	0.00	3%	9%	55%	22%	57%	43%	1947	83.9	1635.1	12.19	-999	6.3388889	689.2	0	168.33123	756.903	13.015	1095.427778	201.9625	228	73806.7569	111	290826	74.17263
8/12/2015	0.00	2%	8%	55%	29%	37%	63%	1886	47.2	1638.8	33.27	-999	0	689.25	0	8.5333333	1078.909	12.35	970.5	159.4243056	200	62219.3064	121	229571	0
8/13/2015	0.00	2%	8%	55%	25%	41%	59%	1954	66.4	1654.6	21.59	-999	0	689.4	0	334.7451	2708.346	11.355	1080.383333	167.10625	233	60220.96	91	240633	10.09091
8/14/2015	0.00	2%	7%	55%	22%	50%	50%	1976	50.7	1706.3	0.00	-999	0	689.45	0	168.6303	1566.296	13.03	941.3722222	191.1097222	219	65016.6439	59	275198	62.05641
8/15/2015	0.00	2%	8%	55%	23%	56%	44%	1974	47.2	1698.8	0.00	-999	0	689.45	12672	191.22051	1155.004	15.095	1013.697222	205.9368056	228	77300.3092	86	296549	7.431112
8/16/2015	0.00	2%	9%	55%	22%	56%	44%	1974	55.9	1704.1	0.00	-999	0	689.45	0	157.72445	1026.733	16.705	910.6805556	202.0243056	214	75326.5272	90	290915	0
8/17/2015	0.00	2%	8%	55%	23%	52%	48%	1938	45.4	1711.6	8.89	-999	0	689.5	0	176.81066	829.3731	12.595	1151.009722	213	181	72264.0017	84	306720	0
8/18/2015	0.00	3%	9%	55%	44%	33%	67%	1818	43.7	1597.3	18.54	-999	0	689.65	11416	156.08447	1170.778	12.47	956.6659722	141.5111111	177	82148.2493	252	203776	0
8/19/2015	0.00	2%	8%	55%	23%	46%	54%	1973	42	1712	35.31	-999	0	689.75	19672	157.28814	585.3889	13.15	1111.98125	194.6854167	219	64049.6561	86	280347	0
8/20/2015	0.00	3%	10%	55%	23%	50%	50%	1859	42	1626	9.91	-999	0	689.85	5240	181.69634	0	12.475	1158.947222	182.4284722	191	66300.6367	81	262697	0
8/21/2015	0.00	3%	8%	55%	23%	56%	44%	1956	50.7	1696.3	17.27	-999	0	689.95	0	228.09072	0	13.095	1203.154861	201.3909722	209	75835.2905	88	290003	0
8/22/2015	0.00	2%	8%	55%	24%	42%	58%	1891	38.5	1601.5	0.76	-999	0	690.15	3792	128.64	44622.57	13.15	1272.057639	168.3798611	251	57000.683	69	242467	0
8/23/2015	0.00	4%	9%	55%	23%	35%	65%	1849	43.7	1633.3	34.29	-999	0	690.3	0	205.46667	4778.228	11.115	1370.496528	152.55625	172	47611.4472	56	219681	50.48116
8/24/2015	0.00	3%	11%	55%	24%	55%	45%	1802	35	1627	18.54	-999	0	690.5	0	161.08592	3922.014	9.765	1257.090972	189.525	140	75318.8383	82	272916	0.281004
8/25/2015	0.00	3%	9%	55%	22%	51%	49%	1920	47.2	1677.8	1.02	-999	344.14444	690.55	0	178.44029	3275.023	12.635	1466.609028	196.5076389	195	68340.0836	71	282971	0
8/26/2015	0.00	2%	10%	55%	22%	50%	50%	1972	48.9	1723.1	0.00	-999	589.89306	690.5	0	181.82508	1691.346	14.42	1318.454861	145.1298611	200	68746.6149	71	208987	0
8/27/2015	0.00	2%	9%	55%	23%	43%	57%	1924	50.7	1692.3	2.79	-999	553.24167	690.5	0	181.98746	20834.51	14.57	1436.422222	145.1298611	181	58356.5557	34	208987	0
8/28/2015	0.00	3%	9%	55%	0%	0%	100%	1747	43.7	0	42.42	-999	587.56042	690.65	0	159.53814	39977.67	9.083	1475.786111	93.75208333	74	0	0	135003	0
8/29/2015	0.00	7%	9%	55%	25%	47%	53%	1720	43.7	1555.3	7.37	-999	547.95625	690.7	8120	155.67448	21023.7	9.837	1405.669444	153.8902778	121	63650.1246	24	221602	0
8/30/2015	0.00	3%	10%	55%	25%	52%	48%	1958	54.2	1745.8	1.52	-999	457.06111	690.75	0	233.32318	2069.717	8.813	1352.725	182.0291667	158	79852.7932	24	262122	0
8/31/2015	0.00	3%	12%	55%	2%	8%	92%	1781	75.2	1533.8	23.11	-999	555.69722	690.9	0	196.30976	3938.091	7.0135	1299.008333	99.65208333	172	958.61193	4	143499	0
9/1/2015	0.00	2%	10%	55%	0%	100%	0%	1768	50.7	0	8.89	-999	488	691	0	208.36312	3709.898	6.9985	1308	0	153	0	0	0	0
9/2/2015	0.00	2%	9%	55%	26%	63%	37%	1903	52.4	1641.6	0.25	-999	430	691	6264	216.56774	2220.822	8.7935	1466	158.7506944	209	55791.2143	34	228601	0
9/3/2015	0.00	2%	13%	55%	24%	45%	55%	1877	50.7	1631.3	0.00	-999	550	690.95	0	177.72482	1418.648	11.655	1507	201.1638889	195	76014.1315	6	289676	197.5716
9/4/2015	0.00	2%	14%	55%	27%	39%	61%	1559	61.2	1371.8	0.00	-999	523	691	0	175.06007	1109.162	12.434	1358	274.9666667	126	79617.9931	32	395952	229.5076
9/5/2015	0.00	2%	12%	55%	42%	70%	30%	1834	55.9	1564.1	0.00	-999	533	690.95	0	183.71368	926.4639	10.83	1308	137.3770833	214	70689.242	176	197823	198.3944
9/6/2015	0.00	2%	11%	55%	23%	48%	52%	1979	43.7	1656.3	0.76	-999	482	690.9	0	165.7622	827.1952	11.23	1398	201.7902778	279	70319.9367	18	290578	0
9/7/2015	0.00	2%	9%	55%	24%	54%	46%	1770	43.7	1531.3	2.03	-999	507	691	0	176.07943	823.1064	10.485	1151	194.6854167	195	69264.2853	22	280347	0
9/8/2015	0.00	3%	12%	55%	25%	51%	49%	1822	54.2	1548.8	16.76	-999	509	691	0	183.21581	1550.555	9.368	1189	190.0645833	219	65876.8576	47	273693	80.68179
9/9/2015	0.00	3%	12%	55%	28%	71%	29%	1022	38.5	876.5	0.00	-999	489	691	0	191.18947	1150.073	10.014	1382	95.93333333	107	25720.5167	35	138144	0
9/10/2015	0.00	6%	15%	55%	25%	59%	41%	1773	68.2	1541.8	13.21	-999	553	691.1	0	168.08889	1476.504	10.23	1441	151.5805556	163	56290.2517	40	218276	9.844444

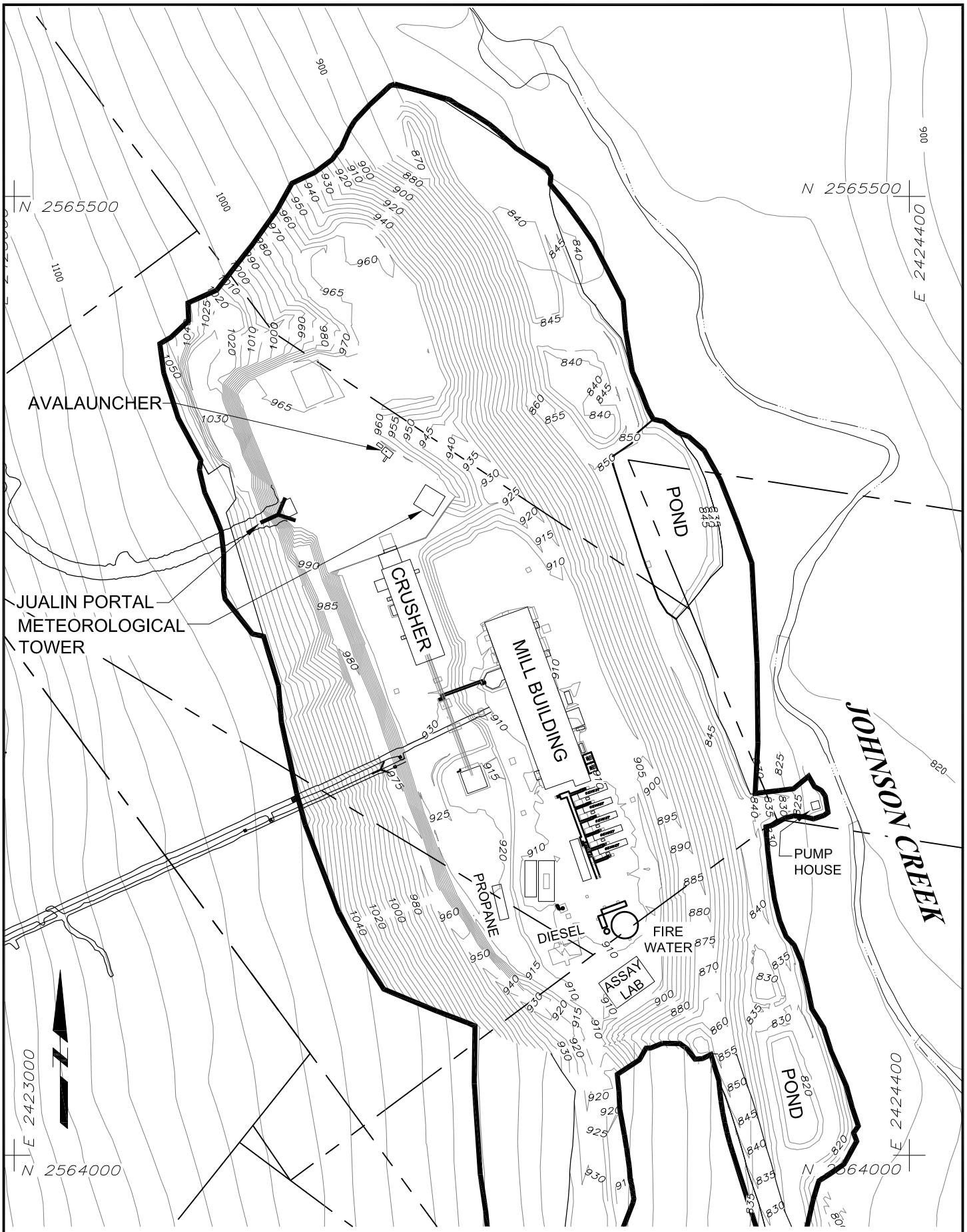
Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
9/11/2015	0.00	3%	17%	55%	23%	40%	60%	1612	62.9	1423.1	68.07	-999	688	691.55	0	187.97778	5696.585	10.5	1332	184.0201389	126	71443.4299	4	264989	203.1611
9/12/2015	0.00	4%	19%	55%	23%	47%	53%	1941	62.9	1706.1	1.78	-999	804	691.6	0	183.91233	6444.429	11.15	1090	181.9451389	172	73685.2528	3	262001	137.4301
9/13/2015	0.00	4%	17%	55%	23%	45%	55%	1943	62.9	1685.1	5.33	-999	740	691.6	0	219.94965	2319.904	8.4885	1276	733.6631944	195	74977.7123	9	1056475	0
9/14/2015	0.00	3%	16%	55%	0%	100%	0%	1725	59.4	0	0.00	-999	563	691.55	0	148.32552	1491.567	8.371	1123	77.76388889	135	11036.4991	9	111980	79.79034
9/15/2015	0.00	3%	16%	55%	45%	100%	0%	1540	61.2	0	11.68	-999	549	691.55	12672	330.39448	1311.543	7.2835	1348	40.15347222	112	37625.5182	157	57821	0
9/16/2015	0.00	2%	13%	55%	21%	46%	54%	1949	66.4	1715.6	8.13	-999	509	691.6	0	392.58707	1593.937	7.7095	1578	175.6625	167	51191.7943	41	252954	15.71892
9/17/2015	0.00	2%	13%	55%	22%	50%	50%	1974	76.9	1711.1	15.49	-999	575	691.7	0	357.34052	2244.13	7.234	1306	199.1729167	246	68186.6112	68	286809	72.28369
9/18/2015	0.00	3%	16%	55%	23%	100%	0%	1955	69.9	1547.1	42.93	-999	541	691.9	11416	346.71206	6544.103	7.4195	1220	731.2013889	167	69025.4511	64	1052930	159.5836
9/19/2015	0.00	3%	16%	55%	28%	52%	48%	1845	62.9	1554.1	13.46	-999	550	692	11576	328.94247	5231.283	7.216	1257	205	228	61399.7731	59	295200	26.72222
9/20/2015	0.00	3%	16%	55%	25%	76%	24%	1650	61.2	1476.8	11.94	-999	570	692.1	0	325.66667	1883.499	6.269	1301	134.3583333	112	31360.51	14	193476	61.53677
9/21/2015	0.00	3%	16%	55%	27%	56%	44%	1366	59.4	1148.6	9.40	-999	576	692.15	3456	342.94433	3081.149	6.4175	1274	160.2805556	158	49424.1438	68	230804	91.42222
9/22/2015	0.00	3%	17%	55%	23%	62%	38%	1932	61.2	1726.8	11.18	-999	606	692.2	5992	367.2	-999	4.6215	1438	178.7645833	144	54647.6774	53	257421	0
9/23/2015	0.00	3%	17%	55%	26%	75%	25%	1875	61.2	1729.8	0.00	-999	535	692.2	13176	321.35	235.8284	7.229	1307	159.5770833	84	39121.4621	42	229791	0
9/24/2015	0.00	3%	16%	55%	23%	59%	41%	1823	59.4	1647.6	0.00	-999	584	692.15	0	310.5218	1398.417	8.7015	1462	186.26875	116	55259.005	44	268227	113.5676
9/25/2015	0.00	3%	16%	55%	23%	56%	44%	1660	71.7	1551.3	0.25	-999	618	692.15	0	333.70811	-999	6.9595	1376	193.7354167	37	55972.5917	47	278979	0
9/26/2015	0.00	3%	16%	55%	5%	58%	42%	1788	55.9	1639.1	5.84	-999	612	692.1	0	368.86022	1045.714	6.1015	1302	192.3784722	93	11503.3432	48	277025	0
9/27/2015	0.00	2%	14%	55%	22%	60%	40%	1925	69.9	1743.1	16.26	-999	600	692.1	0	387.68281	1054.359	6.0655	1473	191.9152778	112	55166.7685	37	276358	80.15
9/28/2015	0.00	3%	10%	55%	22%	62%	38%	1956	42	1798	13.97	-999	603	692.15	0	362.88889	1497.084	7.694	1213	184.7013889	116	53889.7988	39	265970	0
9/29/2015	0.00	3%	9%	55%	32%	89%	11%	1804	42	1683	24.13	-999	600	692.35	0	312.89863	4760.032	9.93	1169	117.2020833	79	21377.046	46	168771	144.6446
9/30/2015	0.00	2%	8%	55%	22%	59%	41%	1971	71.7	1722.3	43.69	-999	597	692.6	0	327.59714	7864.796	9.4225	1370	188.4479167	177	55762.456	47	271365	94.55135
10/1/2015	0.00	3%	13%	55%	22%	60%	40%	1954	69.9	1786.1	10.67	-999	613	692.65	0	326.38241	4956.679	4.248	1371	183.3590278	98	55108.6826	34	264037	84.83902
10/2/2015	0.00	2%	10%	55%	24%	54%	46%	1741	47.2	1558.8	2.79	-999	581	692.65	0	363.21672	2579.36	2.648	1471	189.4298611	135	61498.6699	12	272779	13.75439
10/3/2015	0.00	2%	10%	55%	24%	58%	42%	1859	31.5	1725.5	0.00	-999	685	692.65	0	380.58246	1707.584	0.279	1497	188.3701389	102	62661.2865	25	271253	71.58874
10/4/2015	0.00	2%	11%	55%	32%	82%	18%	1836	45.4	1632.6	0.00	-999	634	692.6	7856	372.55213	1302.733	1.704	1382	131.05	158	33458.4322	53	188712	0
10/5/2015	0.00	2%	13%	55%	24%	59%	41%	1980	71.7	1750.3	0.00	-999	658	692.6	0	363.08889	1136.102	3.056	1679	193.5840278	158	61484.4106	35	278761	55.2396
10/6/2015	0.00	3%	13%	55%	24%	57%	43%	1955	40.2	1770.8	0.00	-999	588	692.55	0	349.48645	950.4191	4.044	1319	212.0131944	144	65390.2749	43	305299	21.9234
10/7/2015	0.00	2%	14%	55%	41%	82%	18%	1832	71.7	1639.3	0.00	-999	654	692.55	0	346.00284	839.2772	3.703	1409	128.5465278	121	43628.2263	110	185107	0
10/8/2015	0.00	3%	14%	55%	23%	79%	21%	1846	69.9	1702.1	0.00	-999	631	692.55	0	312.76912	792.5701	5.949	1427	150.5194444	74	29215.5679	26	216748	1.722222
10/9/2015	0.00	3%	14%	55%	24%	70%	30%	1891	52.4	1712.6	37.08	-999	674	692.7	0	331.09444	3253.49	6.894	1299	167.2930556	126	43207.9948	42	240902	104.9159
10/10/2015	0.00	3%	13%	55%	24%	75%	25%	1878	55.9	1724.1	34.29	-999	711	693	0	339.46483	7584.684	8.72	1473	157.7597222	98	36376.1045	15	227174	152.9944
10/11/2015	0.00	3%	14%	55%	22%	60%	40%	1965	71.7	1781.3	0.25	-999	786	693	0	357.86667	3577.283	7.677	1474	186.83125	112	56268.3035	13	269037	35.44276
10/12/2015	0.00	4%	14%	55%	30%	79%	21%	1785	90.9	1624.1	24.89	-999	812	693.2	5472	400.9931	4062.332	5.813	1273	-560.683333	70	36589.6422	61	-807384	82.3669
10/13/2015	0.00	2%	14%	55%	0%	99%	1%	1681	61.2	1591.8	20.57	-999	798	693.3	0	386.41655	4969.918	5.575	1769	55.27777778	28	-999	24	79600	91.71268
10/14/2015	0.00	2%	12%	55%	0%	100%	0%	1007	38.5	0	19.56	-999	852	693.3	0	378.7493	3640.395	3.601	1223	20.18680556	51	-999	0	29069	100.6825
10/15/2015	0.00	3%	13%	55%	0%	100%	0%	1685	59.4	0	2.54	-999	853	693.3	28048	390.99301	2425.655	3.363	1591	57.93680556	74	-999	0	83429	0
10/16/2015	0.00	2%	11%	55%	0%	99%	1%	1555	55.9	1406.1	8.13	-999	813	693.3	12832	372.51633	1863.848	3.363	1473	44.23611111	93	-999	0	63700	80.71836
10/17/2015	0.00	2%	14%	55%	21%	64%	36%	1853	62.9	1664.1	8.38	-999	826	693.35	0	388.17957	2393.453	5.133	1522	169.24375	126	45368.0351	27	243711	5.82268
10/18/2015	0.00	2%	14%	55%	4%	58%	42%	1835	52.4	1642.6	33.02	-999	822	693.55	0	421.87216	6093.208	8.86	1882	186.1430556	140	8627.50737	36	268046	155.9722
10/19/2015	0.00	2%	13%	55%	22%	56%	44%	1820	66.4	1688.6	20.32	-999	774	693.65	0	411.2	4967.54	6.487	1390	195.0104167	65	59153.9378	45	280815	96.08982
10/20/2015	0.00	3%	13%	55%	23%	54%	46%	1879	96.1	1698.9	7.87	-999	769	693.7	0	427.18316	3225.648	4.929	1414	198.1590278	84	63651.273	62	285349	126.9674
10/21/2015	0.00	3%	14%	55%	23%	66%	34%	1874	33.2	1724.8	10.92	-999	824	693.8	0	430.11634	3041.15	4.384	1457	161.6416667	116	47316.7653	40	232764	60.32778
10/22/2015	0.00	3%	15%	55%	24%	64%	36%	1913	64.7	1727.3	36.32	-999	831	694.1	0	401.48889	7493.006	5.133	1589	165.4902778	121	52294.3045	42	238306	132.7075
10/23/2015	0.00	3%	15%	55%	22%	55%	45%	1962	68.2	1786.8	16.76	-999	791	694.15	0	408.83807	5549.454	6.051	1692	187.0361111	107	63091.2838	44	269332	159.9222
10/24/2015	0.00	3%	14%	55%	22%	55%	45%	1967	97.9	1790.1	4.57	-999	877	694.15	4792	412.09645	2986.172	5.269	1651	184.3104167	79	63617.8014	51	265407	55.48369
10/25/2015	0.00	2%	13%	55%	22%	59%	41%	1957	71.7	1825.3	1.52	-999	857	694.1	0	392.55558	1972.322	3.329	1664	179.6638889	60	57996.0218	55	258716	39.64081
10/26/2015	0.00	2%	12%	55%	22%	68%	32%	1983	68.2	1816.8	0.00	-999	862	694.05	0	410.23127	1651.705	2.716	1665	160.1784722	98	46814.2929	46	230657	36.03137
10/27/2015	0.00	2%	11%	55%	23%	85%	15%	1725	61.2	1603.8	0.00	-999	837	694.05	0	365.82484	1375.124	2.818	1780	-567.352083	60	20485.2973	24	256009.5	32.23704
10/28/2015	0.00	2%	12%	55%	23%	58%	42%	1878	61.2	1718.8	0.00	-999	893	694	0	384.04741	1213.159	2.792	1706	195.3902778	98	59512.9816	73	281362	29.87234
10/29/2015	0.00	4%	13%	55%	23%	64%	36%	1842	62.9	1700.1	10.67	-999	864	694	0	384.74896	1351.609	4.554	1486	170.4423611	79	50511.3596	60	245437	36.05986
10/30/2015	0.00	4%	14%	55%	24%	78%	22%	1066	26.2	1006.8	4.32	-999	843	693.95	21864	388.65848	1587.697	3.431	1660	119.7041667	33	18983.5518	27	172374	37.64444
10/31/2015	0.00	4%	14%	55%	23%	64%	36%	1871	92.6	1690.4	8.13	-999	883	693.95	0	384.49929	1470.294	3.635	1568	179.0409722	88	49989.9346	54	257819	31.63889
11/1/2015	0.00	3%	14%	55%	22%	65%	35%	1996	92.6	1787.4	0.51	-999	896.05556	694	0	372.20136	1524.8	5.244	1468.788889	186.5458333	116	49621.1086	57	268626	0
11/2/2015	0.00	3%	13%	55%	22%	75%	25%	1857	90.9	1668.1	0.00	-999	875.36111	694.1	0	379.86014	1091.246	2.9975	1257.077778	159.3402778	98	32932.6678	25	229450	0
11/3/2015	0.00	3%	12%	55%	23%	61%	39%	1963	71.7	1779.3	0.25	-999	863.87222	694.1	0	346.13333	844.8454	0.4685	1403.888889	201.1631944	112	55405.4329	44	289675	0
11/4/2015	0.00	2%	12%	55%	22%	61%	39%	1970	80.4	1754.6	35.31	-999	862.82222	694.2	0	370.48635	2668.711	1.9555	1545.827778	190.6881944	135	51872.4088	45	274591	49.59456
11/5/2015	0.00	3%	15%	55%	22%	59%	41%	1958	75.2	1729.8	4.06	-999	859.26667	694.2	0	369.31699	2639.397	1.3615	1359.805556	185.1118056	153	54905.4569	49	266561	57.3993
11/6/2015	0.00	3%	12%	55%	22%	69%	31%	1707	76.9	1542.1	17.02	-999	891.68333	694.3	0	394.6216	2287.418	0.7695	1485.45	143.8527778	88	36817.5881	37	207148	46.78754
11/7/2015	0.00	3%	11%	55%	21%	68%	32%	1843	69.6	1694.4	12.95	-999	830.85556	694.4	0	373.81315	3789.193	2.195	1337.677778	152.94375	79	40626.1334	34	220239	111.5048
11/8/2015	0.00	3%	13%	55%	22%	61%	39%	1810	90.9	1686.1	14.73	-999	838.72778	694.4	5512	361.96327	3032.088	3.0565	1364.038889	178.8763889	33	50709.4727	45	257582	31.33061
11/9/2015	0.00	3%	12%	55%	22%	62%	38%	1952	59.4	1785.6	4.06	-999	502.43333	694.45	0	376.44626	2310.184	2.9715	1227.572222	172.6236111	107	53806.9356	47	248578	67.10355
11/10/2015	0.00	3%	11%	55%	22%	71%	29%	1886	54.2	1761.8	9.91	-999	439.81667	694.5	0	410.46241	2127.053	3.3115	1654.788889	153.5770833	70	39029.9986	42	221151	19.3034
11/11/2015	0.00	3%	14%	55%	23%	90%	10%	1742	87.4	1621.6	17.78	-999	767.73889	694.55	0	130.76463	2651.697	1.529	1255.558333	121.4048611	33	13457.3138	8	174823	87.07826
11/12/2015	0.00	3%	12%	55%	22%	61%	39%	1958	97.9	1800.1	5.33	-999	836.73056	694.6	0	362.62029	1826.499	0.5985	1468.152778	179.4916667	60	54416.0655	35	258468	0
11/13/2015	0.00	5%	14%	55%	23%	67%	33%	1769	90.9	1594.1	27.18	-999	801.90694	694.7	0	625.2	2690.34	0.7695	1350.427778	-539.683333	84	42518.0339	43	262426	130.7004
11/14/2015	0.00	2%	12%	55%	22%	60%	40%	1969	83.9	1778.1	20.32	-999	799.21806	694.75	0	418.38035	4204.358	1.328	1437.105556	184.9888889	107	55019.5317	53	266384	55.26734
11/15/2015	0.00	3%	13%	55%	29%	66%	34%	1903	68.2	1764.8	10.41	-999	814.38333	694.75	0	465.16364	2338.35	-0.168	1595.411111	163.3090278	70	61750.9313	129	235165	46.21497
11/16/2015	0.00	3%	16%	55%	0%	98%	2%	1532	99.6	1399.4	7.62	-999	775.88125	694.75	0	417.17143	1572.13	-1.1335	1265.811111	78.00416667	33	-999	26	112326	0
11/17/2015	0.00	3%	17%	55%	24%	73%	27%	750	57.7	678.3	0.76	-999	807.29583	694.7	36840	318.71773	1197.895	-1.5735	1336.211111	93.00833333	14	14051.3337	21	133932	92.41418
11/18/2015	0.00	2%	17%	55%	22%	73%	27%	998	61.2	913.8	4.57	-999	843.87917	694.7	0	327.5617	993.7355	-2.542	1303.077778	100.1597222	23	18832.2309	20	144230	0
11/19/2015	0.00	2%	17%	55%	23%	57%	43%	1679	97.9	1488.1	0.76	-999	627.67569	694.65	9192	361.19151	927.4347	-4.936	1435.883333	180.1368056	93	51153.2581	71	259397	0.183333
11/20/2015	0.00	2%	15%	55%	24%	61%	39%	1904	61.2	1735.8	1.02	-999	815.80833	694.6	5904	380.84444	771.804	-4.5265	1278.483333	190	107	57212.7269	75	273600	85.3551
11/21/2015	0.00	3%	8%	55%	23%	56%	44%	1825	66.4	1707.6	32.26	-999	784.50278	694.75	20968	351.23808	2267.14	0.909	1483.188889	191.3118056	51	61856.4119	72	275489	93.41667
11/22/2015	0.00	2%	13%	55%	23%	68%	32%	1818	64.7	1679.3	7.87	-999	612.12639	694.8	0	321.28889	3921.684	2.8935	1252.066667	160.5583333	74	44538.9077	60	231204	105.1611
11/23/2015	0.00	2%	13%	55%	23%	55%	45%	1969	66.4	1823.6	3.05	-999	800.12778	694.8	4472	337.31111	1829.37	-1.449	1216.272222	205.4291667	79	66080.4319	78	295818	0
11/24/2015	0.00	2%	13%	55%	22%	55%	45%	1973	83.9	1763.1	0.00	-999	666.02222	694.75	0	382	1082.412	-3.6435	1012.416667	203.1979167	126	62328.8257	75	292605	91.18298
11/25/2015	0.00	2%	13%	55%	23%	81%	19%	1715	108.4	1597.6	0.00	-999	838.6375	694.7	0	402.81421	813.3694	-3.861	1163.477778	-498.127083	9	58451.8417	62	281692	0
11/26/2015	0.00	3%	13%	55%	21%	55%	45%	1973	83.9	1763.1	0.00	-999	803.43472	694.65	0	373.4	688.9898	-0.821	1209.877778	188.0409722	126	55103.3191	62	270779	0
11/27/2015	0.00	3%	13%	55%	22%	56%	44%	1911	97.9	1705.1	0.00	-999	744.96111	694.6	0	359.14012	605.9244	-0.0885	1044.866667	201.60625	108	58774.3787	56	290313	85.26735

Date	Johnson Creek Streamflow	Ore Moisture Content	Ore Concentrate Moisture Content	Tailings Moisture Content	Paste Backfill Moisture Content	Percent of Tailings to Paste Backfill Plant	Percent of Tailings to TTF	Tons per Day of Ore	Tons per Day of Concentrate	Tons per Day of Tailings	Precipitation (mm/day)	Snowpack (mm)	TTF WTP Rate (gpm)	TTF Water Level (ft)	Johnson Creek to Process Tank (gpd)	Avg. reclaim water TTF to Mill (gpm)	Slate Creek diversion (gpm)	Air Temperature (deg F)	Comet WTP total discharge (gpm)	Paste Plant water return to Mill (gpm)	Tons per Day of Pebble	Water Consumed in Paste Backfill (gpd)	Sump 1140	Mill Water Use (gpd) (approximation)	TTF Pump Back (gpm)
11/28/2015	0.00	3%	14%	55%	23%	61%	39%	1797	99.6	1629.4	27.43	-999	801.12778	694.7	0	352.70378	1578.335	0.6515	1169.385417	169.6201389	68	53162.301	61	244253	16.26667
11/29/2015	0.00	3%	14%	55%	24%	55%	45%	1964	92.6	1743.4	53.59	-999	768.47222	695.2	7920	351.81844	7349.093	1.3495	1310.425694	190.3020833	128	66074.564	71	274035	197.8763
11/30/2015	0.00	3%	14%	55%	23%	48%	52%	1600	94.4	1431.6	45.21	-999	778.55278	695.5	0	354.66117	8694.686	2.143	1073.322222	-504.302083	74	62549.6681	78	258433	207.1628
12/1/2015	0.00	4%	16%	55%	25%	64%	36%	1693	122.4	1536.6	17.02	-999	823.68056	695.7	14176	359.74621	8242.301	2.008	1127.538889	168.6326389	34	48798.2734	75	242831	196.5091
12/2/2015	0.00	4%	15%	55%	24%	72%	28%	1840	106.6	1699.4	9.40	-999	811.20833	695.75	5592	363.81538	5029.823	2.144	1160.544444	153.1784722	34	40463.0395	41	220577	143.4667
12/3/2015	0.00	4%	12%	55%	23%	59%	41%	1791	71.7	1651.3	4.32	-999	836.84167	695.75	0	389.50175	2545.923	1.9065	1157.572222	198.2201389	68	55787.3799	56	285437	0
12/4/2015	0.00	5%	13%	55%	24%	55%	45%	1634	96.1	1537.9	0.25	-999	828.85278	695.75	2920	374.82594	1749.085	0.132	1227.9	201.7993056	0	58691.5746	64	290591	90.17534
12/5/2015	0.00	4%	15%	55%	23%	54%	46%	1661	78.7	1575.3	0.00	-999	796.46667	695.7	0	354.41096	1293.389	-0.419	1097.466667	188.9291667	7	60482.1818	69	272058	0
12/6/2015	0.00	4%	14%	55%	23%	60%	40%	1910	85.7	1777.3	0.00	-999	823.87778	695.65	0	383.38246	1032.291	1.5535	1166.005556	179.3729167	47	58981.7544	64	258297	0.005735
12/7/2015	0.00	3%	12%	55%	24%	61%	39%	1917	78.7	1745.3	0.76	-999	812.82361	695.6	0	395.21672	913.9801	2.6455	1092.933333	173.6986111	93	57061.0701	72	250126	86.80556
12/8/2015	0.00	3%	12%	55%	24%	61%	39%	1865	71.7	1737.3	4.57	-999	809.58194	695.6	11040	378.08322	837.5286	0.2795	1081.705556	177.0194444	56	57271.6307	86	254908	0
12/9/2015	0.00	2%	11%	55%	24%	76%	24%	1767	59.4	1660.6	3.30	-999	825.26667	695.6	0	394.23082	891.9178	3.234	1380.722222	145.0347222	47	34442.9266	56	208850	74.80673
12/10/2015	0.00	3%	12%	55%	25%	15%	85%	156	15.7	135.3	8.64	-999	804.67708	695.6	40256	359.08819	1218.797	1.6045	1383.294444	46.83402778	5	10236.849	17	67441	8.34807
12/11/2015	0.00	2%	11%	55%	0%	100%	0%	0	19.2	0	0.76	-999	815.75069	695.5	18856	268.86335	1104.214	-0.3275	1323.336111	45.74513889	0	0	0	65873	43.23203
12/12/2015	0.00	3%	12%	55%	24%	66%	34%	1667	59.4	1533.6	0.00	-999	816.04444	695.5	7728	261.5573	660.709	-2.181	1435.510417	154.5347222	74	43897.2368	16	222530	43.55208
12/13/2015	0.00	4%	11%	55%	25%	46%	54%	1933	76.9	1788.1	4.32	-999	775.91111	695.5	0	311.33333	573.56	-3.098	1204.938194	193.7451389	68	84110.2084	45	278993	0.005714
12/14/2015	0.00	4%	13%	55%	26%	38%	62%	1525	66.4	1390.6	0.00	-999	843.16389	695.45	19248	360.25145	493.6544	-4.934	1058.5625	186.1166667	68	77807.6545	47	268008	0.636735
12/15/2015	0.00	3%	14%	55%	25%	53%	47%	1878	76.9	1634.1	23.11	-999	891.64792	695.4	0	336.50066	539.8095	-2.3195	1077.611111	178.8236111	167	67663.7258	40	257506	19.32517
12/16/2015	0.00	2%	15%	55%	25%	47%	53%	1797	68.2	1575.8	1.02	-999	815.79653	695.35	5696	355.24354	488.6437	0.6875	1072.9875	184.0708333	153	73020.7574	45	265062	67.92832
12/17/2015	0.00	2%	14%	55%	24%	55%	45%	1843	66.4	1571.6	0.00	-999	829.5	695.3	0	382.99068	457.012	-0.334	1085.48125	162.2868056	205	59957.8895	37	233693	0
12/18/2015	0.00	3%	13%	55%	0%	100%	0%	948	76.9	0	0.25	-999	749.34722	695.25	0	366.97827	469.932	-0.197	983.1826389	151.5298611	27	239.652982	1	218203	0
12/19/2015	0.00	2%	13%	55%	6%	51%	49%	1802	59.4	1570.6	4.57	-999	834.60625	695.25	6864	345.42759	332.3848	-0.827	1045.932639	179.3159722	172	17255.0147	72	258215	59.00069
12/20/2015	0.00	2%	14%	55%	3%	53%	47%	1934	76.9	1685.1	0.00	-999	843.225	695.2	0	345.41661	345.4376	0.0945	1011.497222	188.9548611	172	7668.89544	32	272095	25.35564
12/21/2015	0.00	4%	16%	55%	25%	38%	62%	1934	89.1	1718.9	8.89	-999	746.86875	695.15	0	378.368	358.4904	-0.928	1102.397917	192.9590278	126	92933.9516	81	277861	0
12/22/2015	0.00	3%	14%	55%	25%	37%	63%	1955	80.4	1738.6	5.33	-999	764.53056	695.15	0	360.4897	332.446	-0.8615	1154.741667	190.0416667	136	96770.8758	71	273660	0
12/23/2015	0.00	1%	11%	55%	29%	61%	39%	1882	55.9	1649.1	5.59	-999	872.60833	695.1	8896	408.75261	342.5586	-0.01	1131.481944	157.3208333	177	67033.815	85	226542	60.88421
12/24/2015	0.00	2%	13%	55%	24%	47%	53%	1974	90.9	1711.1	7.37	-999	932.37222	695.05	12160	391.90456	276.5753	-1.8085	1164.252778	194.4923611	172	78932.985	57	280069	22.38351
12/25/2015	0.00	3%	14%	55%	25%	68%	32%	1874	97.9	1683.1	0.00	-999	866.97778	695	9032	322.5512	164.6625	-6.8985	1086.513194	159.44375	93	47858.3012	59	229599	0.533333
12/26/2015	0.00	2%	13%	55%	83%	95%	5%	1744	69.9	1604.1	0.76	-999	837.81667	695	7872	309.53127	153.6428	-9.4125	1056.384028	100.3055556	70	24204.9512	101	144440	0
12/27/2015	0.00	2%	14%	55%	28%	74%	26%	1856	83.9	1679.1	5.08	-999	771.73333	694.95	0	319.95509	179.026	-4.5895	1064.1875	148.4638889	93	44334.6514	60	213788	0.572632
12/28/2015	0.00	3%	15%	55%	24%	49%	51%	1895	71.7	1697.3	0.00	-999	855.77778	695	14584	334.56982	138.4993	-2.773	993.6194444	195.7215278	126	74487.542	55	281839	0.115068
12/29/2015	0.00	3%	14%	55%	24%	41%	59%	1879	96.1	1596.9	9.14	-999	821.03333	695	14720	352.30685	275.9268	-2.2515	1067.728472	196.3	186	78545.35	69	282672	0
12/30/2015	0.00	4%	8%	55%	23%	44%	56%	1769	82.2	1635.8	5.10	-999	812.79444	694.95	26656	362.43803	99.63793	-0.35	1064.91875	204.7965278	51	75714.3293	76	294907	0
12/31/2015	0.00	3%	8%	55%	27%	41%	59%	1172	106.6	1042.4	0.00	-999	835.33333	694.9	33304	326.48828	145.4657	-0.65	1136.401389	174.4493056	23	59176.3127	98	251207	0

Waste Management Permit

Section 1.10.5.4

Site Development and Use Plans



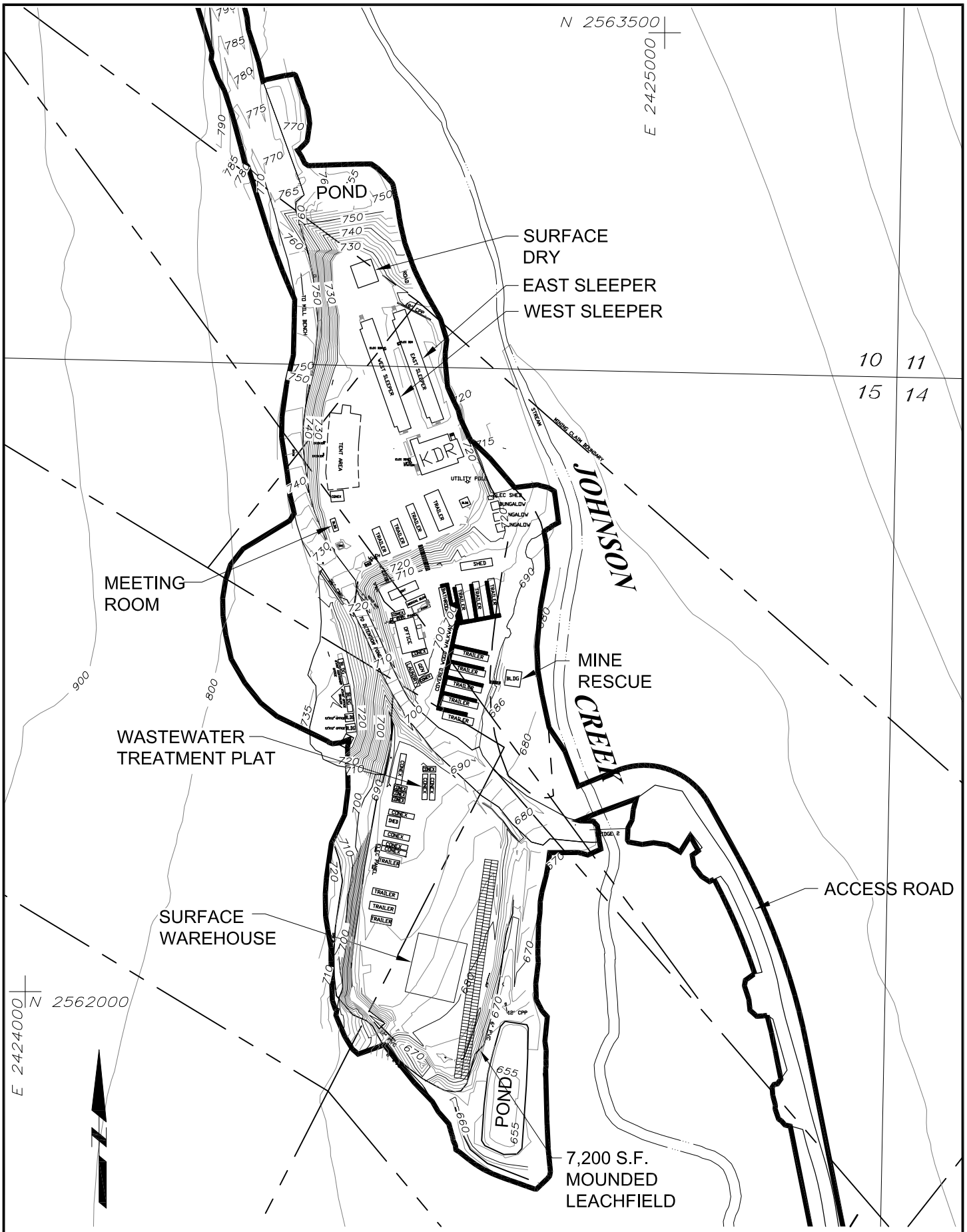
LEGEND OF FEATURES

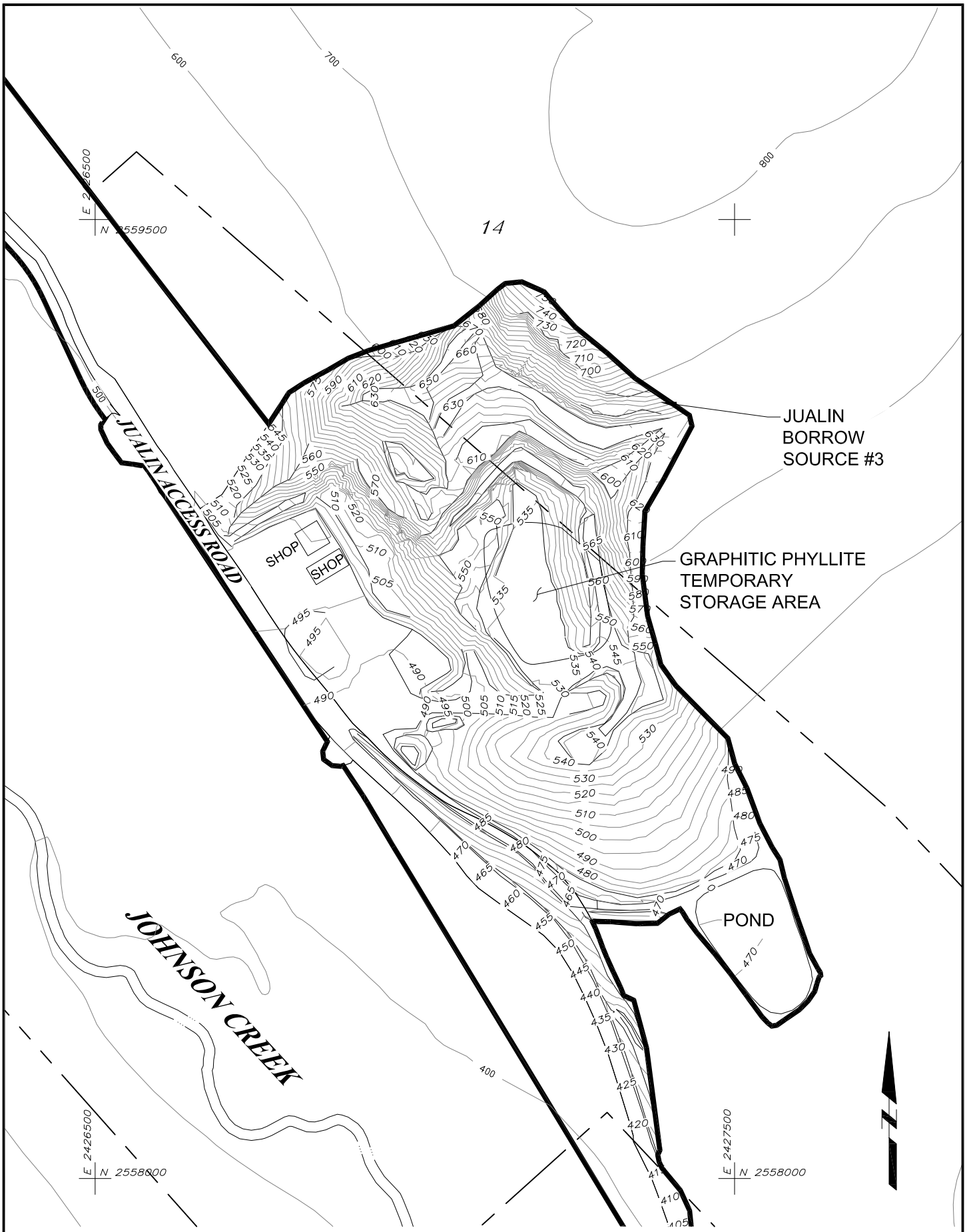
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- 32/5 SECTION LINE

0 200' 400'

Scale in feet

	FIGURE 1 - Site Plan
	FILENAME: Jualin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=200 FT
	KENSINGTON GOLD PROJECT AREA
	JUALIN SITE UTILIZATION PLAN
	BERNERS BAY, ALASKA


N 2563500
E 2425000
POND
SURFACE DRY
EAST SLEEPER
WEST SLEEPER
10
11
15
14
KDR
UTILITY POLE
ELEC SHED
BUNGALOW
BUNGALOW
BUNGALOW
TENT AREA
TRAILER
SHED
OFFICE
BLDG
MINE RESCUE
JOHNSON CREEK
MEETING ROOM
WASTEWATER TREATMENT PLAT
CONEX
SHED
TRAILER
SURFACE WAREHOUSE
ACCESS ROAD
N 2562000
E 2424000
POND
7,200 S.F. MOUNDED LEACHFIELD
LEGEND OF FEATURES
POND
CULVERT LOCATION
STREAM
DISTURBED OUTLINE
BASE CLAIMS PATENTED
32/5 SECTION LINE
0
200'
400'
Scale in feet
FIGURE 2 - Site Plan
FILENAME: Jualin site utilization map-30111-gdm.dwg
REV.DATE: 3/01/11
DRAWN: GDM
SCALE: 1"=200 FT
KENSINGTON GOLD PROJECT AREA
JUALIN SITE UTILIZATION PLAN
BERNERS BAY, ALASKA



LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- 32/5 SECTION LINE

0 200' 400'

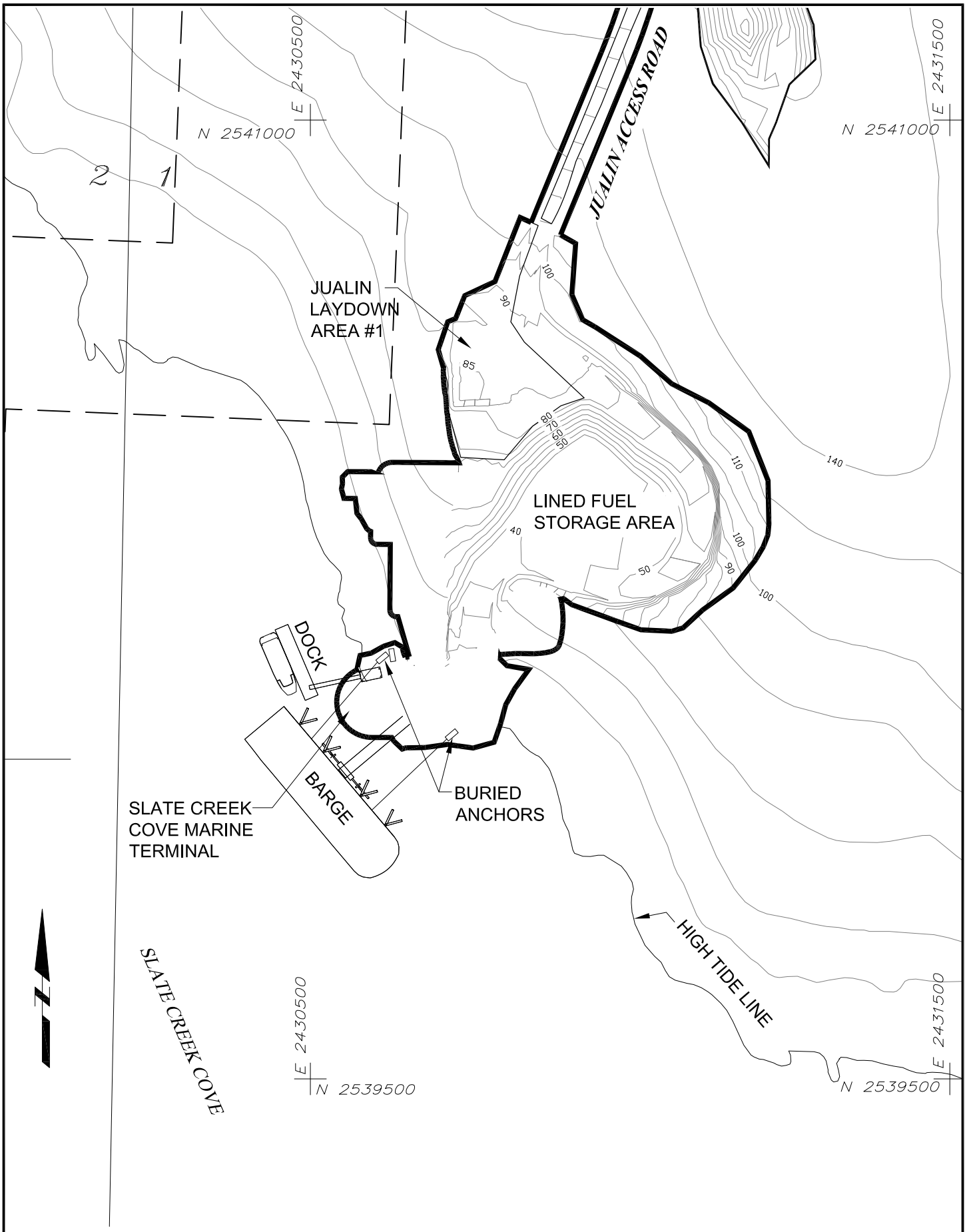
Scale in feet

FIGURE 3 - Site Plan		
FILENAME: Jualin site utilization map-30111-gdm.dwg		
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=200 FT

KENSINGTON GOLD PROJECT AREA

JUALIN SITE UTILIZATION PLAN

BERNERS BAY, ALASKA



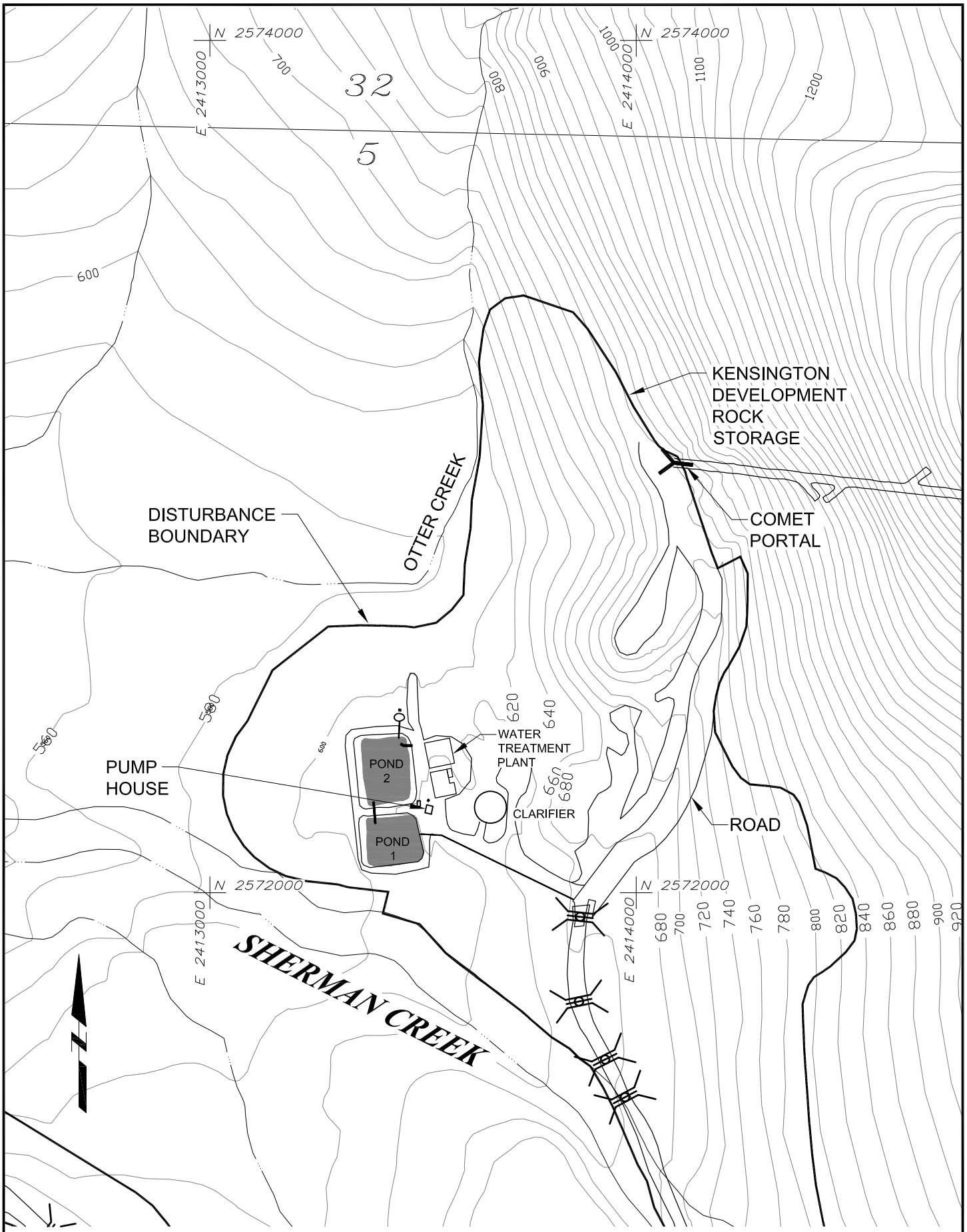
LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED
- 32/5 SECTION LINE

0 200' 400'

Scale in feet

	FIGURE 4 - Site Plan
	FILENAME: Jualin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=200 FT
	KENSINGTON GOLD PROJECT AREA
	JUALIN SITE UTILIZATION PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- 32/5 SECTION LINE

0 300' 600'

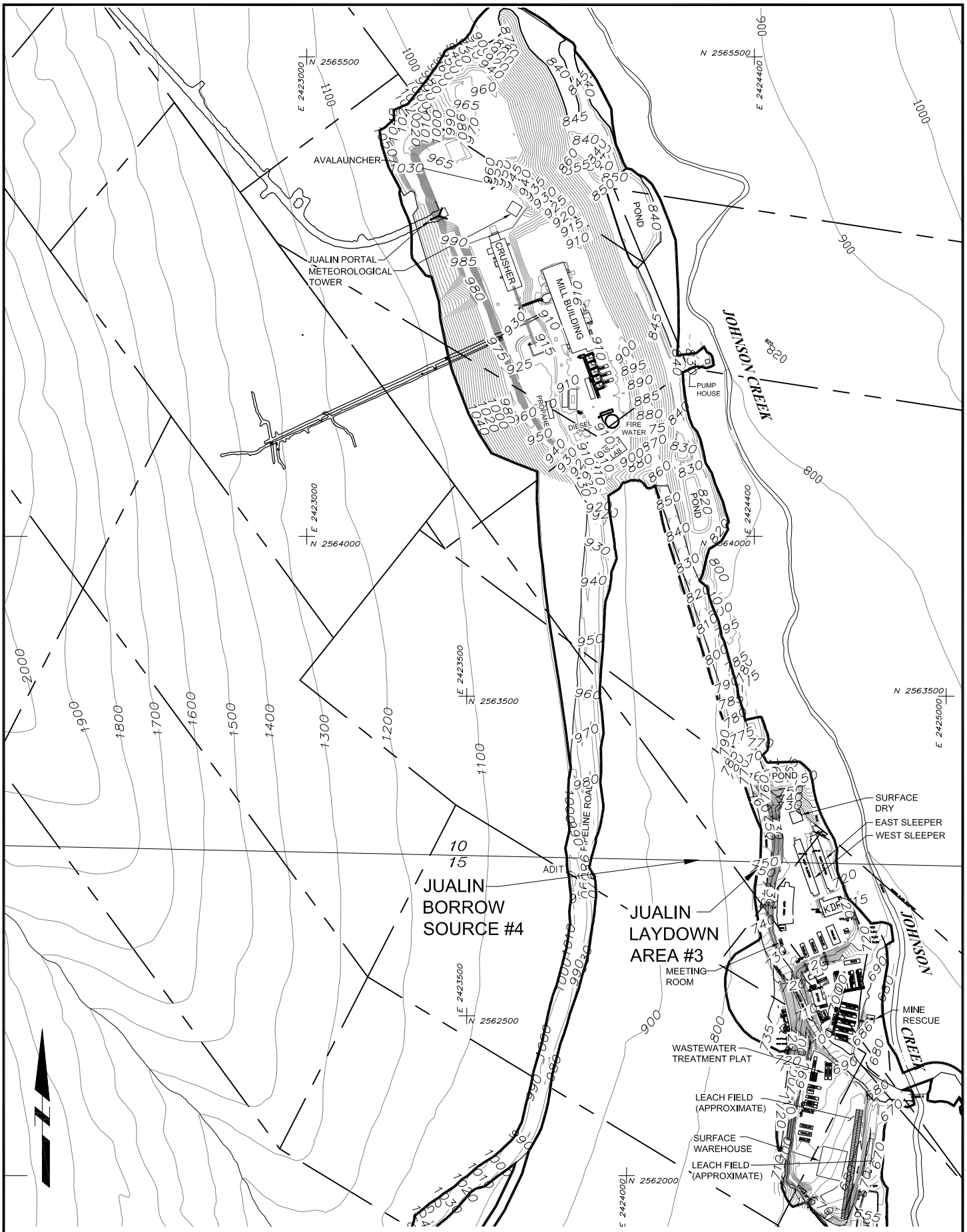
Scale in feet

FIGURE 5 - Site Plan		
FILENAME: Juallin site utilization map-30111-gdm.dwg		
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=300 FT

KENSINGTON GOLD PROJECT AREA

COMET SITE UTILIZATION PLAN

BERNERS BAY, ALASKA



LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- 32/5 SECTION LINE

0 400' 800'

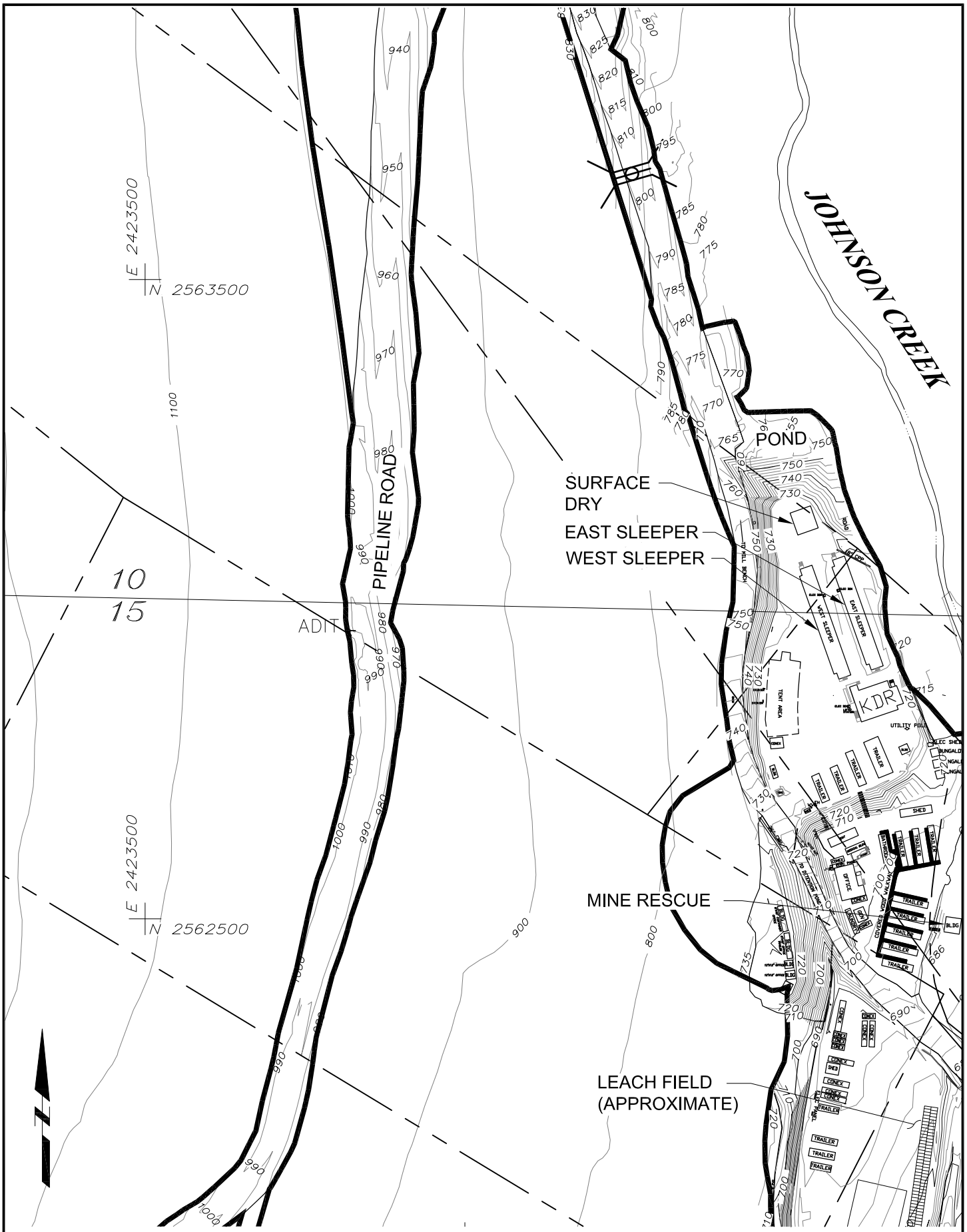
Scale in feet

Site Plan		
FILENAME: Jualin site utilization map-30111-gdm.dwg		
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=400 FT

KENSINGTON GOLD PROJECT AREA

LOW GRADE STOCK PILE & ACCESS ROAD

BERNERS BAY, ALASKA



LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- 32/5 SECTION LINE

0 200' 400'

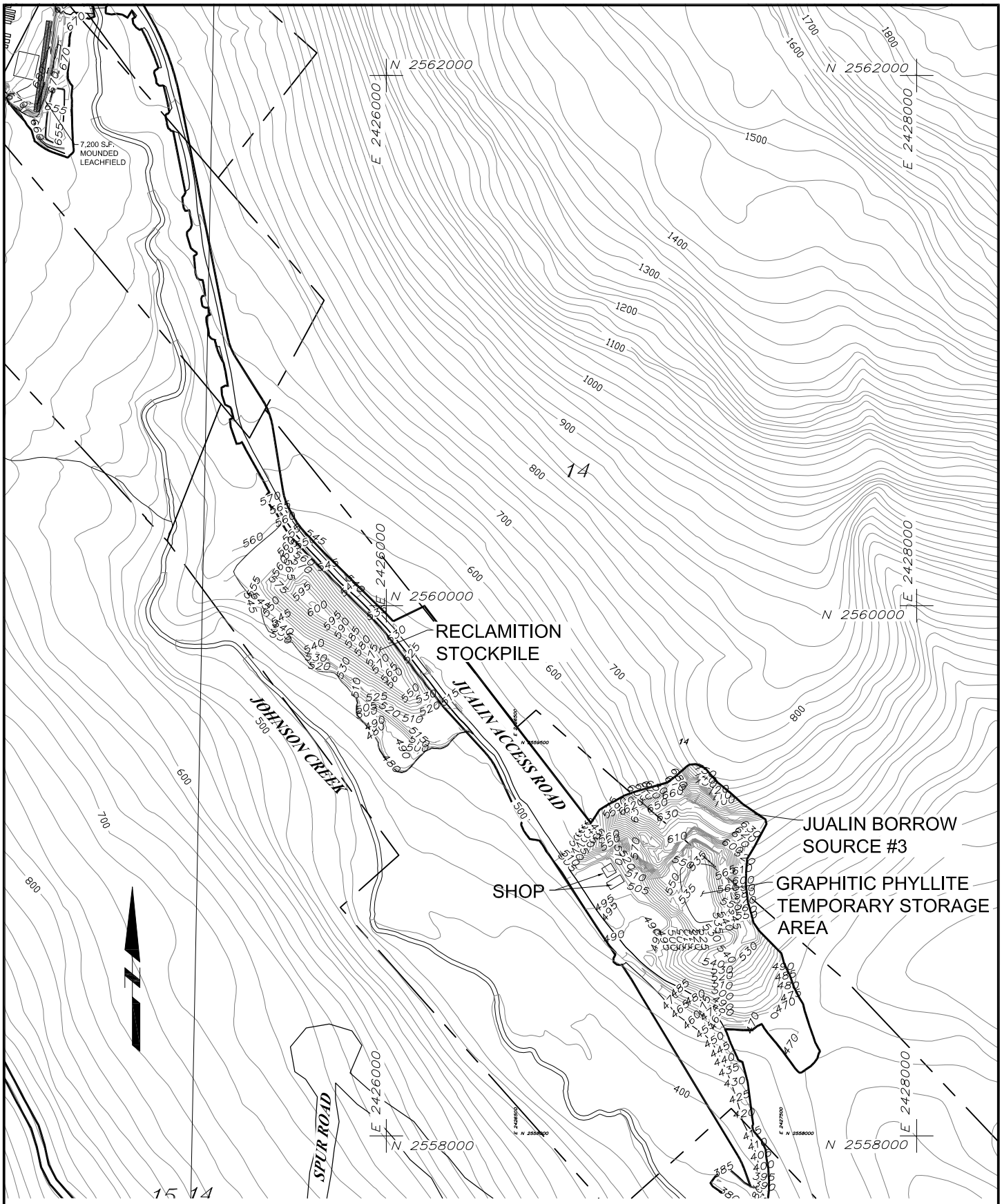
Scale in feet

Site Plan		
FILENAME: Juaiin site utilization map-30111-gdm.dwg		
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=200 FT

KENSINGTON GOLD PROJECT AREA

LOW GRADE STOCK PILE & ACCESS ROAD

BERNERS BAY, ALASKA

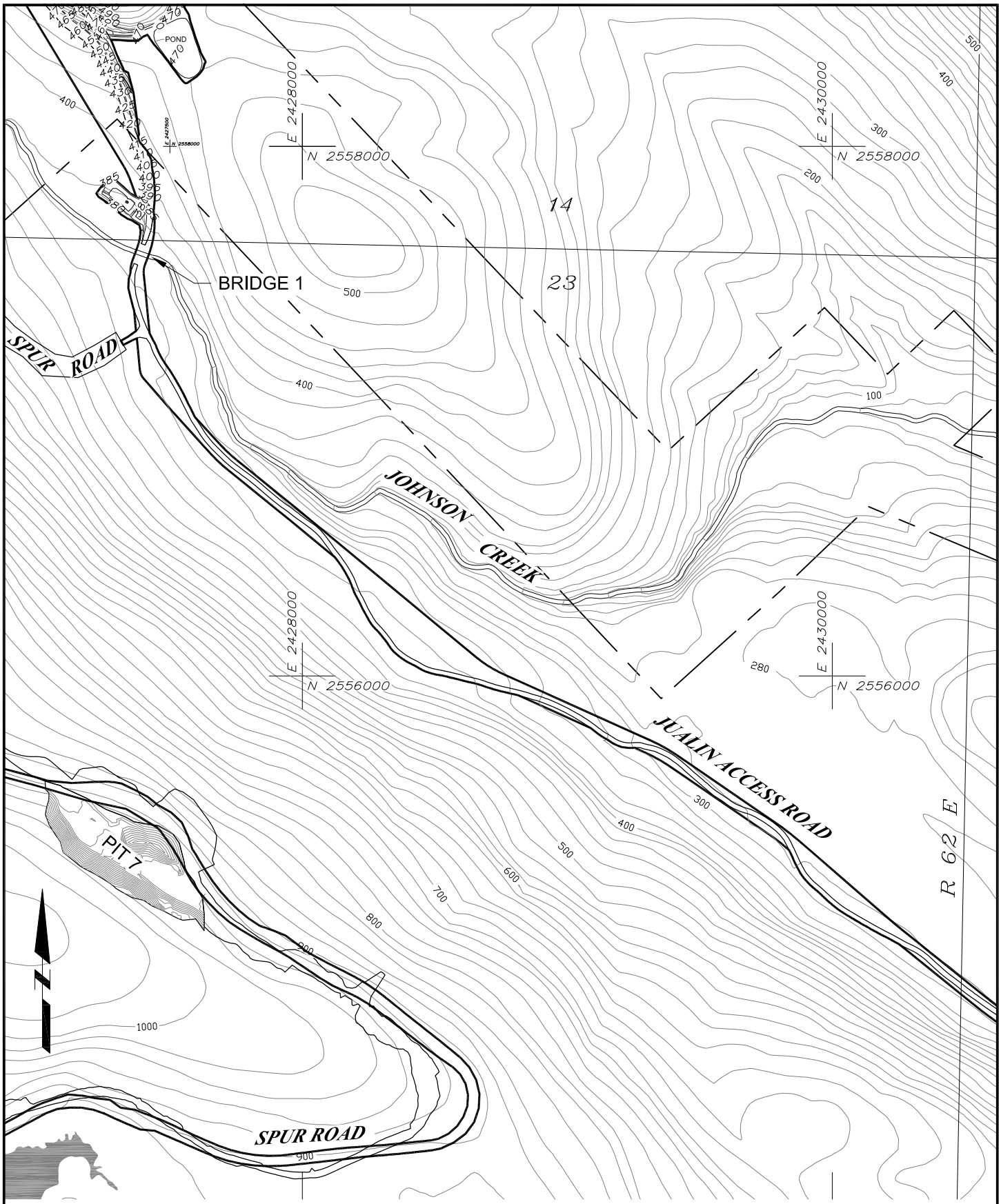


LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- 32/5 SECTION LINE

0 500' 1000'
Scale in feet

	FIGURE 3 - Bridge 2 to Pit 4
	FILENAME: Jualin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

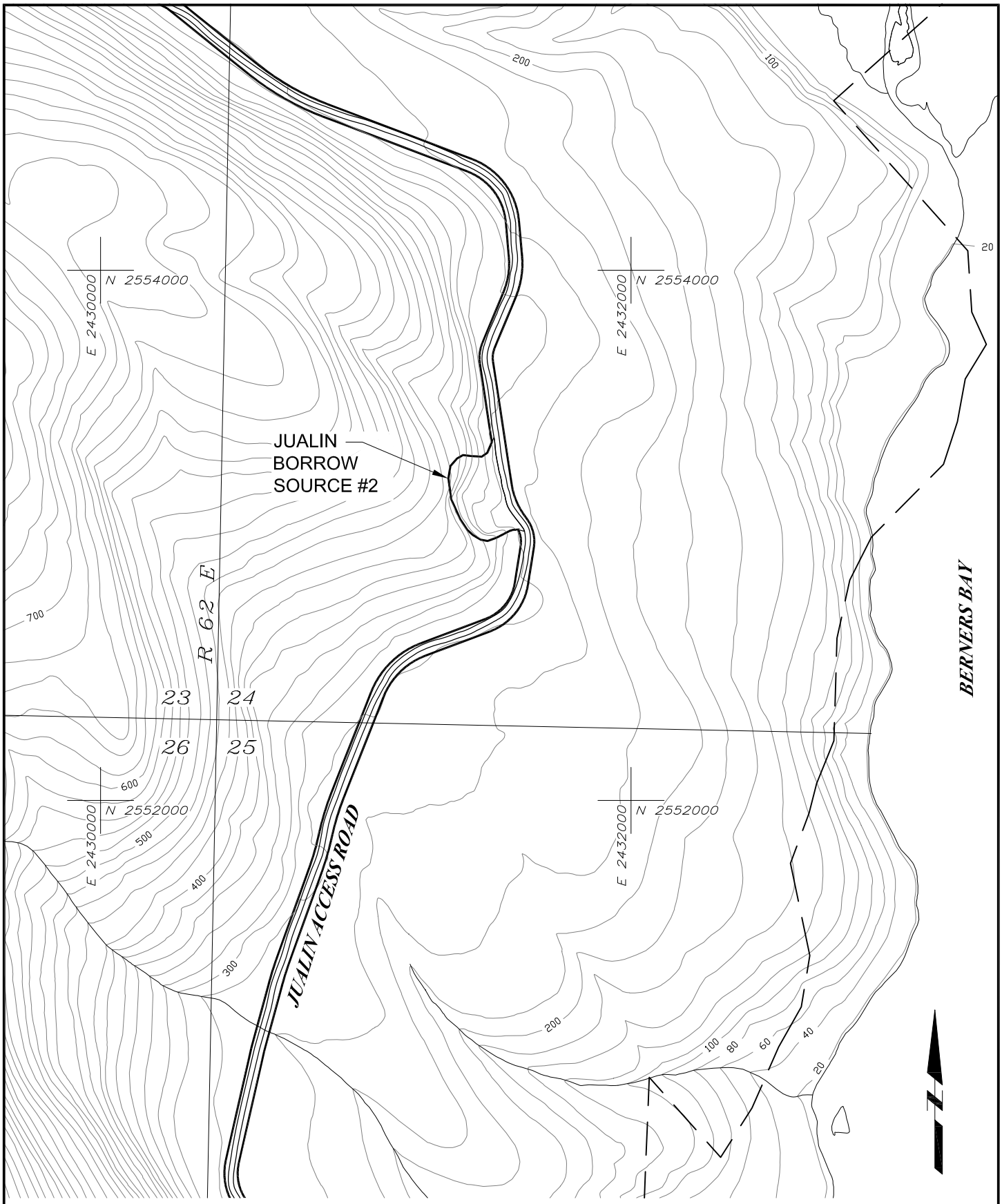
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

	FIGURE 4 - Bridge 1 & Jualin Access Road
	FILENAME: Jualin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

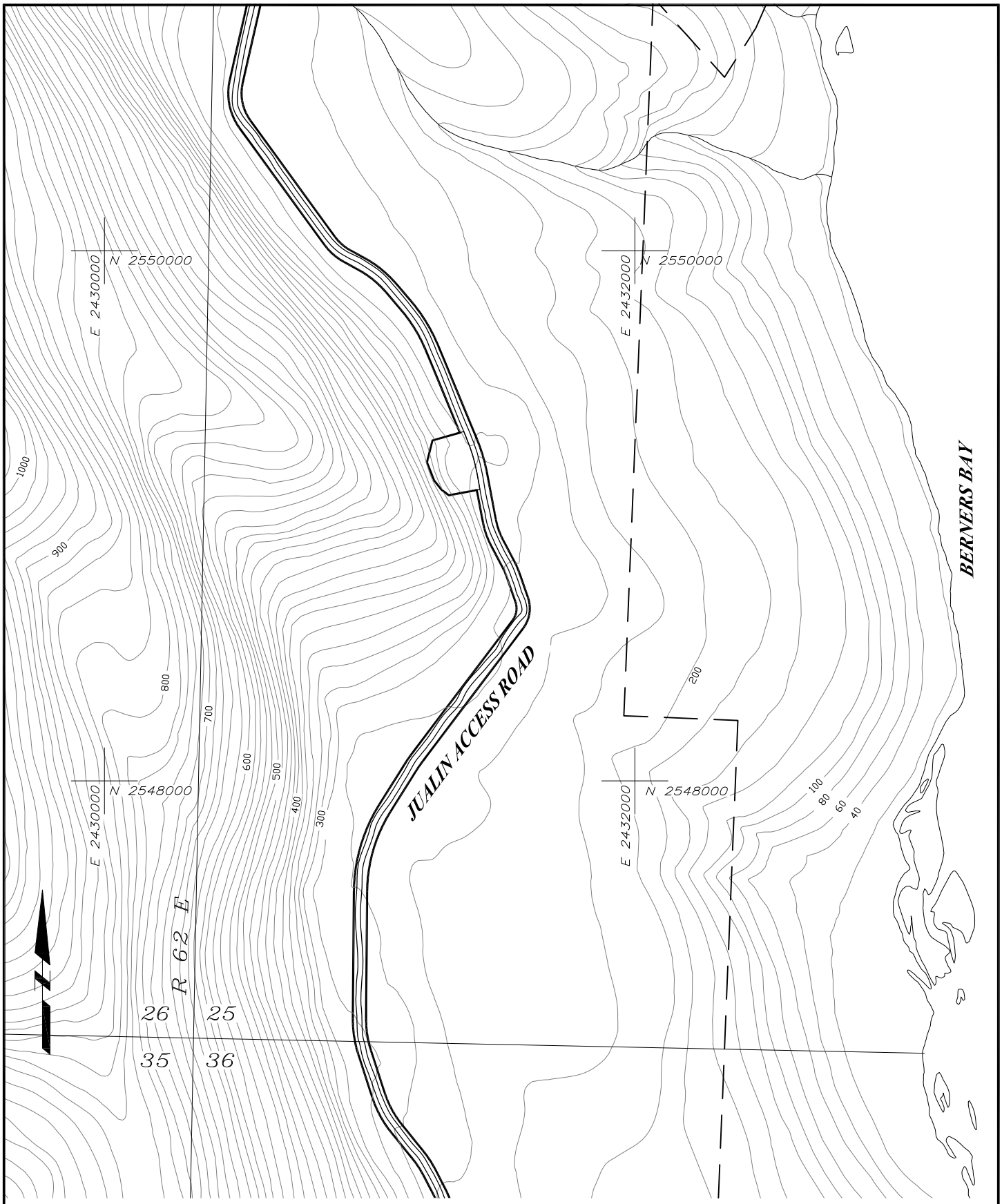
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

	FIGURE 5 - Jualin Access Road & Pit 2
	FILENAME: Jualin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

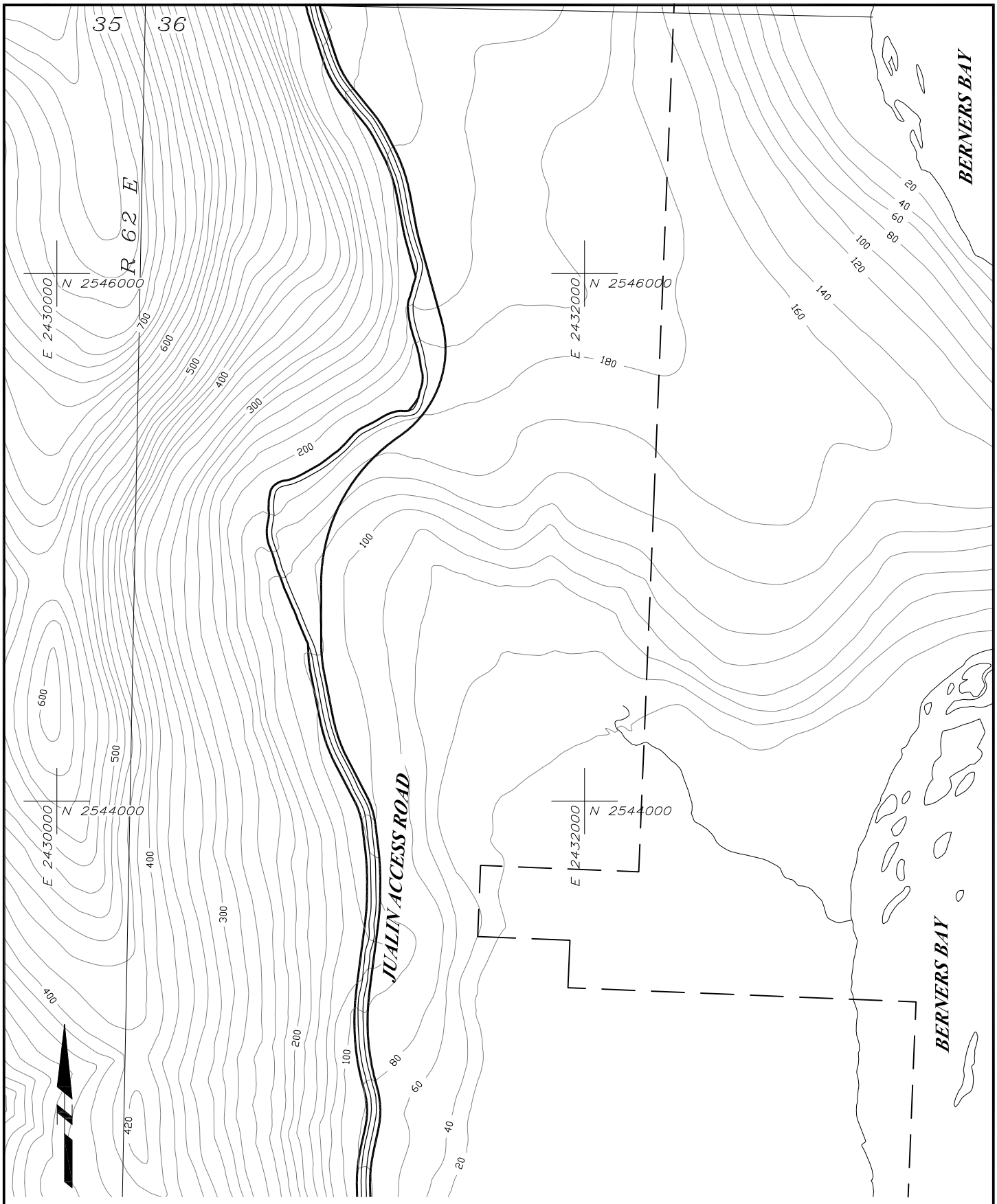
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

FIGURE 6 - Jualin Access Rd. Plt 2 to Plt 3	
FILENAME: Jualin site utilization map-30111-gdm.dwg	
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=500 FT
KENSINGTON GOLD PROJECT AREA	
STORMWATER MANAGEMENT PLAN	
BERNERS BAY, ALASKA	



LEGEND OF FEATURES

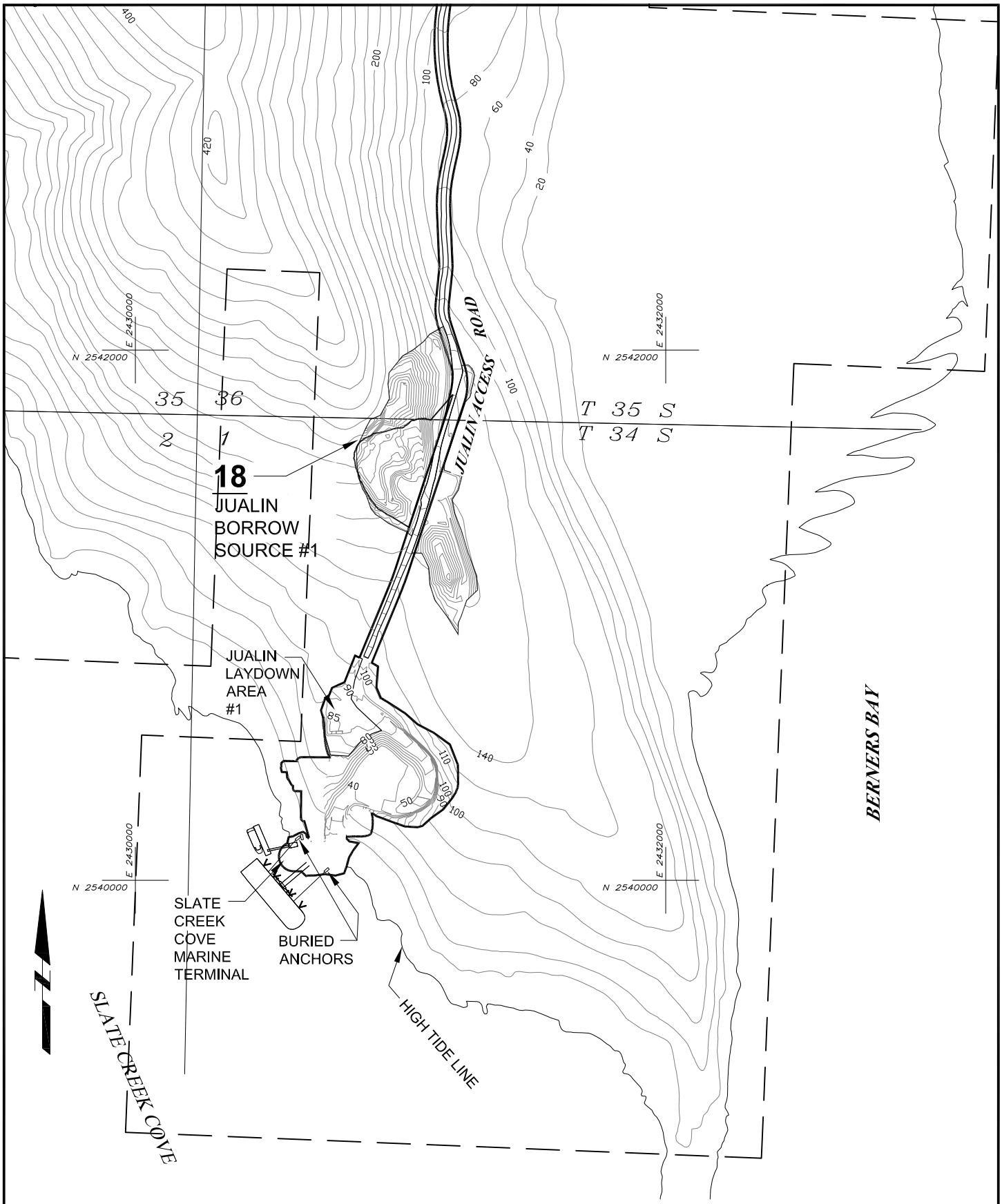
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

	FIGURE 7 - Jualin Access Road
	FILENAME: Jualin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 | DRAWN: GDM | SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

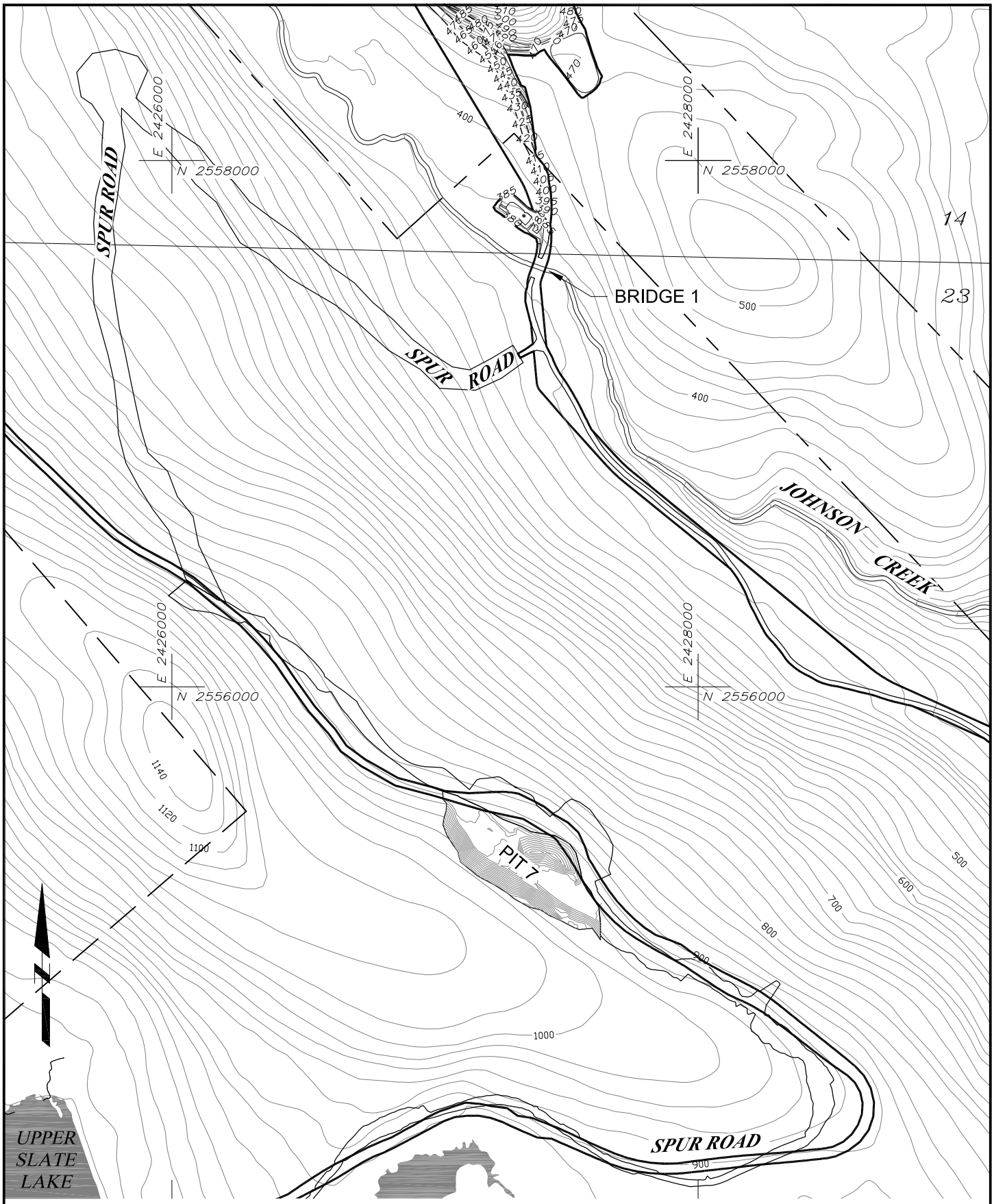
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

FIGURE 8 - Slate Cove & Jualin Access Rd	
FILENAME: Jualin site utilization map-30111-gdm.dwg	
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=500 FT
KENSINGTON GOLD PROJECT AREA	
STORMWATER MANAGEMENT PLAN	
BERNERS BAY, ALASKA	



LEGEND OF FEATURES

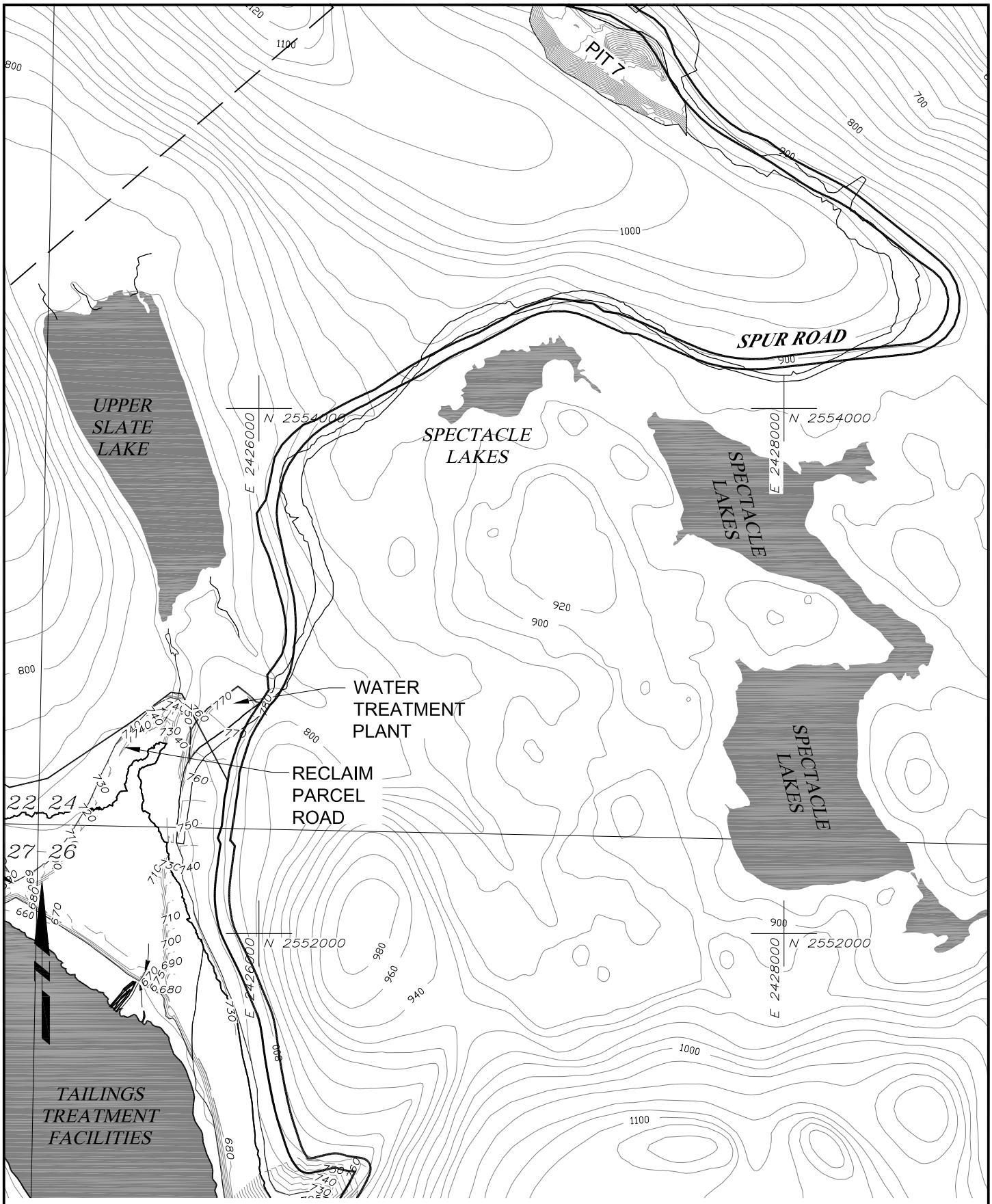
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

	FIGURE 9 - Slate Lake Access Road
	FILENAME: Juallin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

FIGURE 10 - Slate Lake Access Road

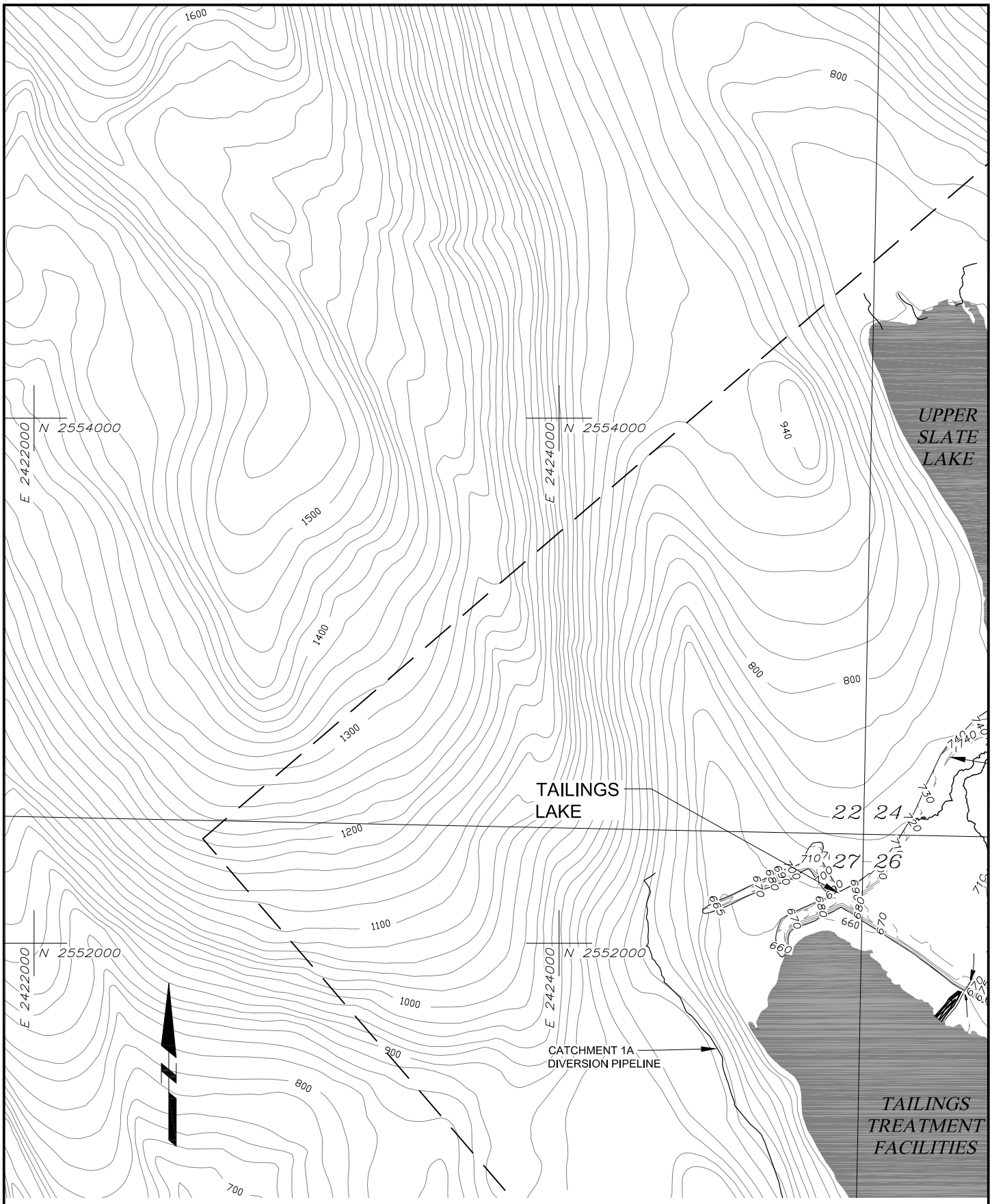
FILENAME: Juaiin site utilization map-30111-gdm.dwg

REV.DATE: 3/01/11 | DRAWN: GDM | SCALE: 1"=500 FT

KENSINGTON GOLD PROJECT AREA

STORMWATER MANAGEMENT PLAN

BERNERS BAY, ALASKA



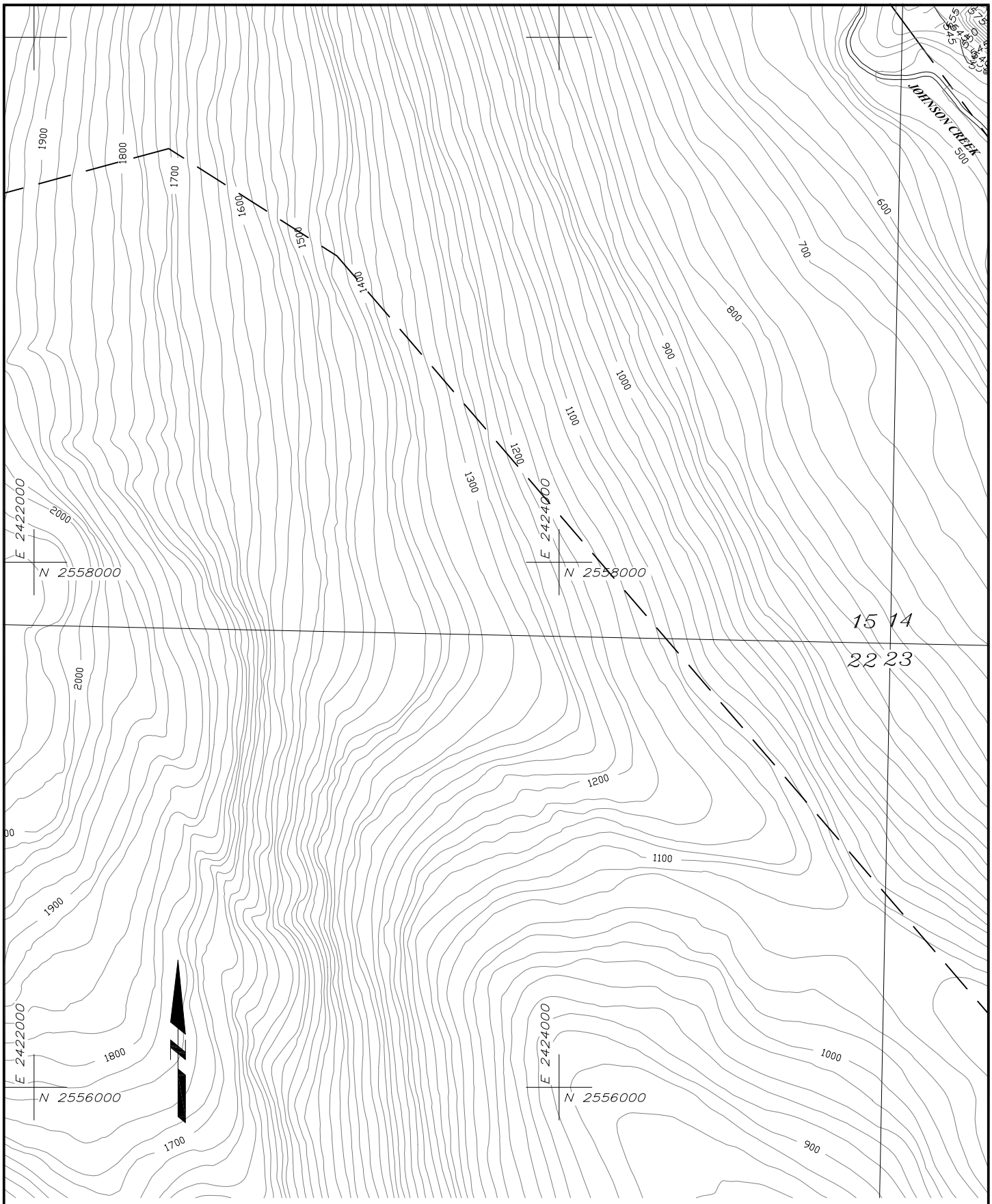
LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED
- 32/5 SECTION LINE

0 500' 1000'

Scale in feet

FIGURE 11 - Slate Lake Access Road	
FILENAME: Juallin site utilization map-30111-gdm.dwg	
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=500 FT
KENSINGTON GOLD PROJECT AREA	
STORMWATER MANAGEMENT PLAN	
BERNERS BAY, ALASKA	



LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

FIGURE 11 - Slate Lake Access Road

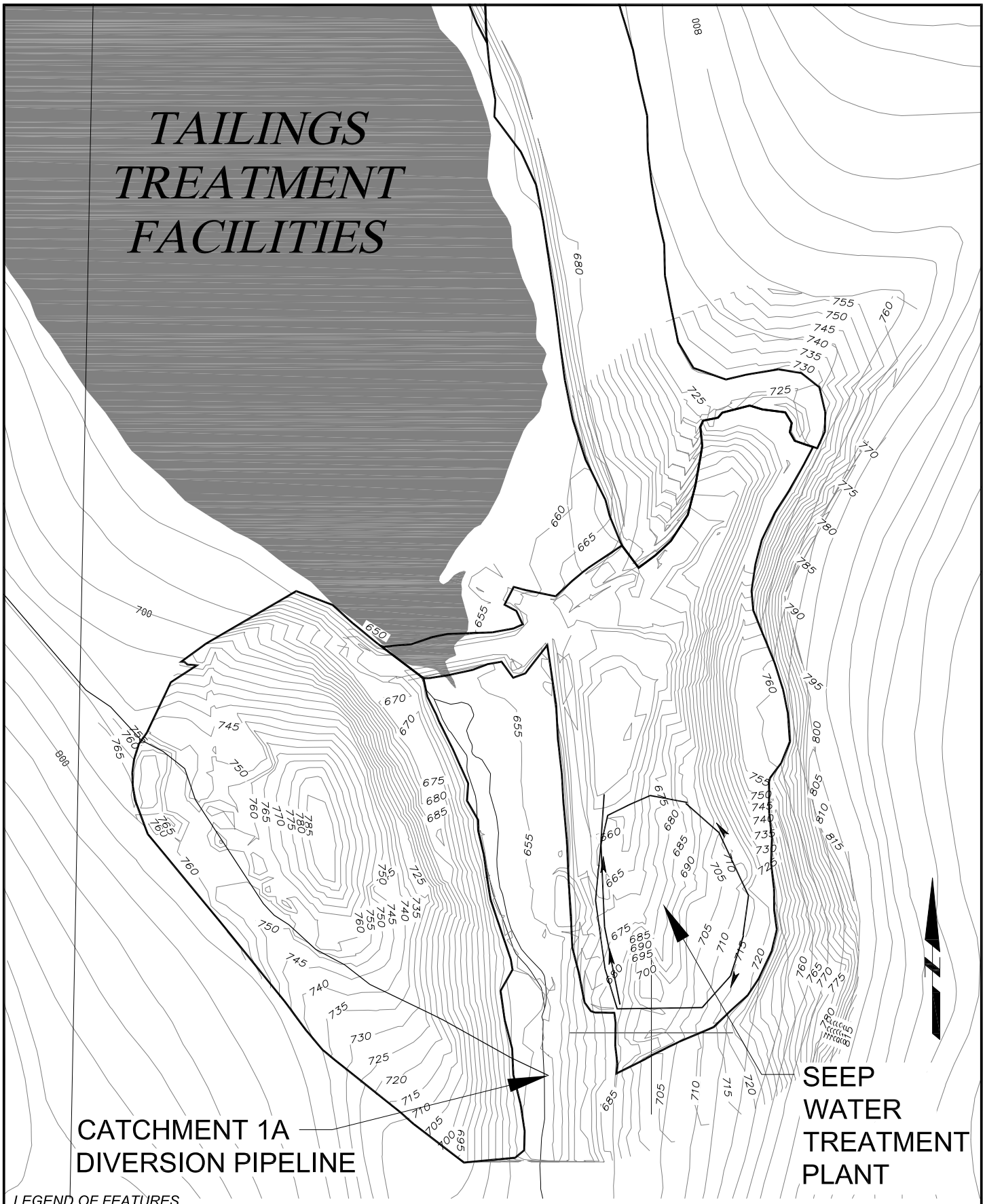
FILENAME: Juallin site utilization map-30111-gdm.dwg

REV.DATE: 3/01/11 | DRAWN: GDM | SCALE: 1"=500 FT

KENSINGTON GOLD PROJECT AREA

STORMWATER MANAGEMENT PLAN

BERNERS BAY, ALASKA



LEGEND OF FEATURES

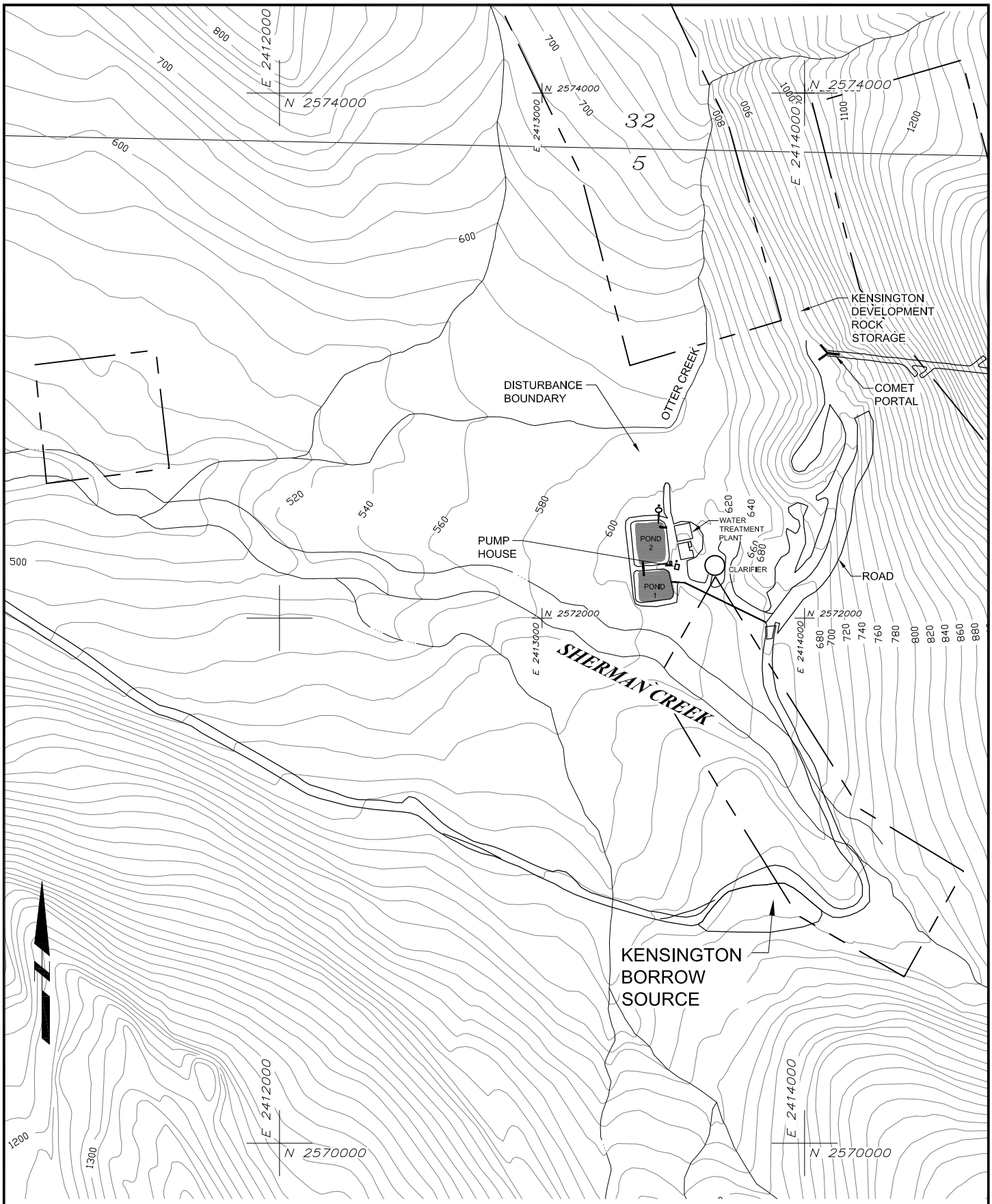
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

	FIGURE 11 - Slate Lake
	FILENAME: Jualln site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

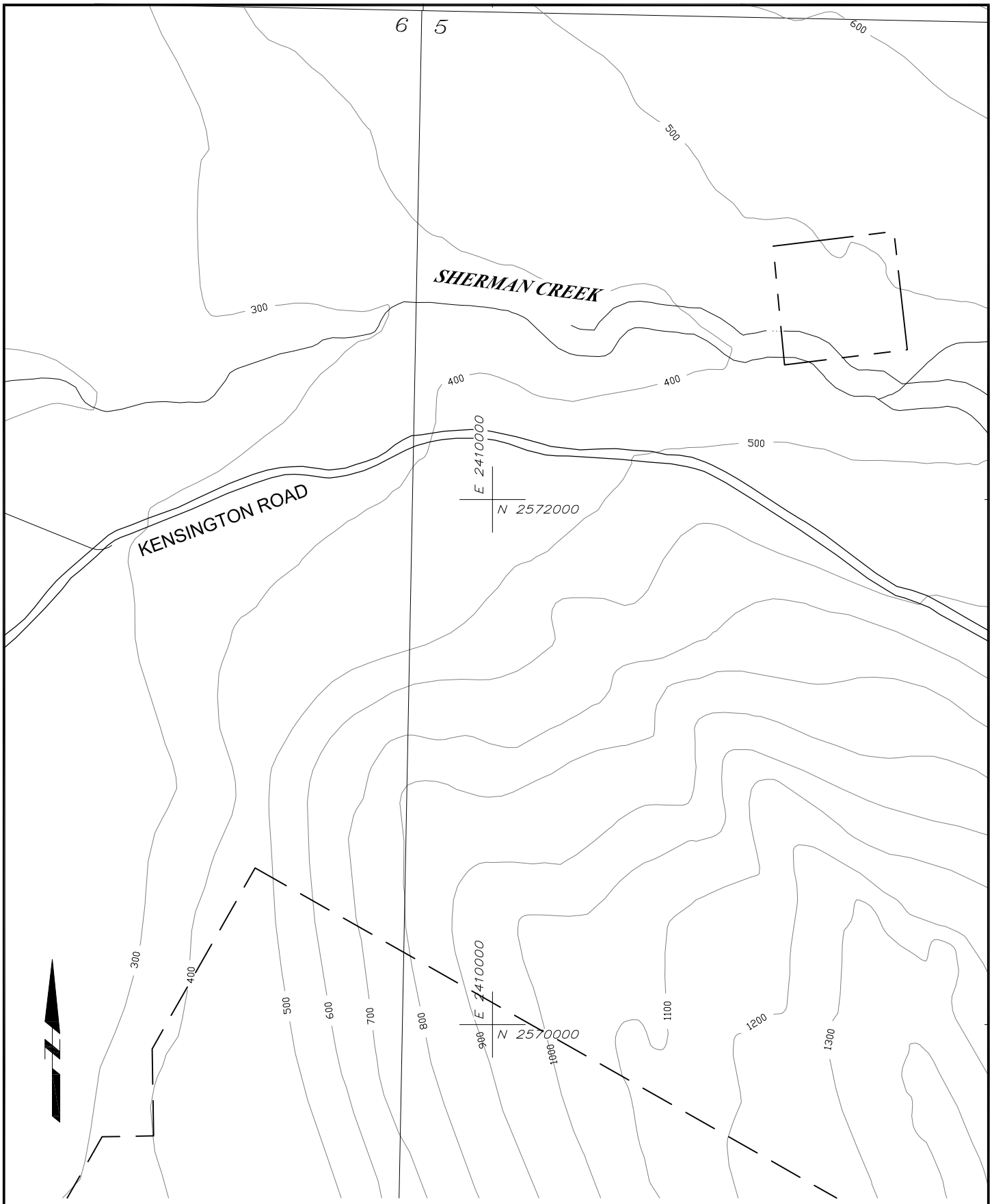
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

	FIGURE 14 - Comet Portal & WTP
	FILENAME: Juallin site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

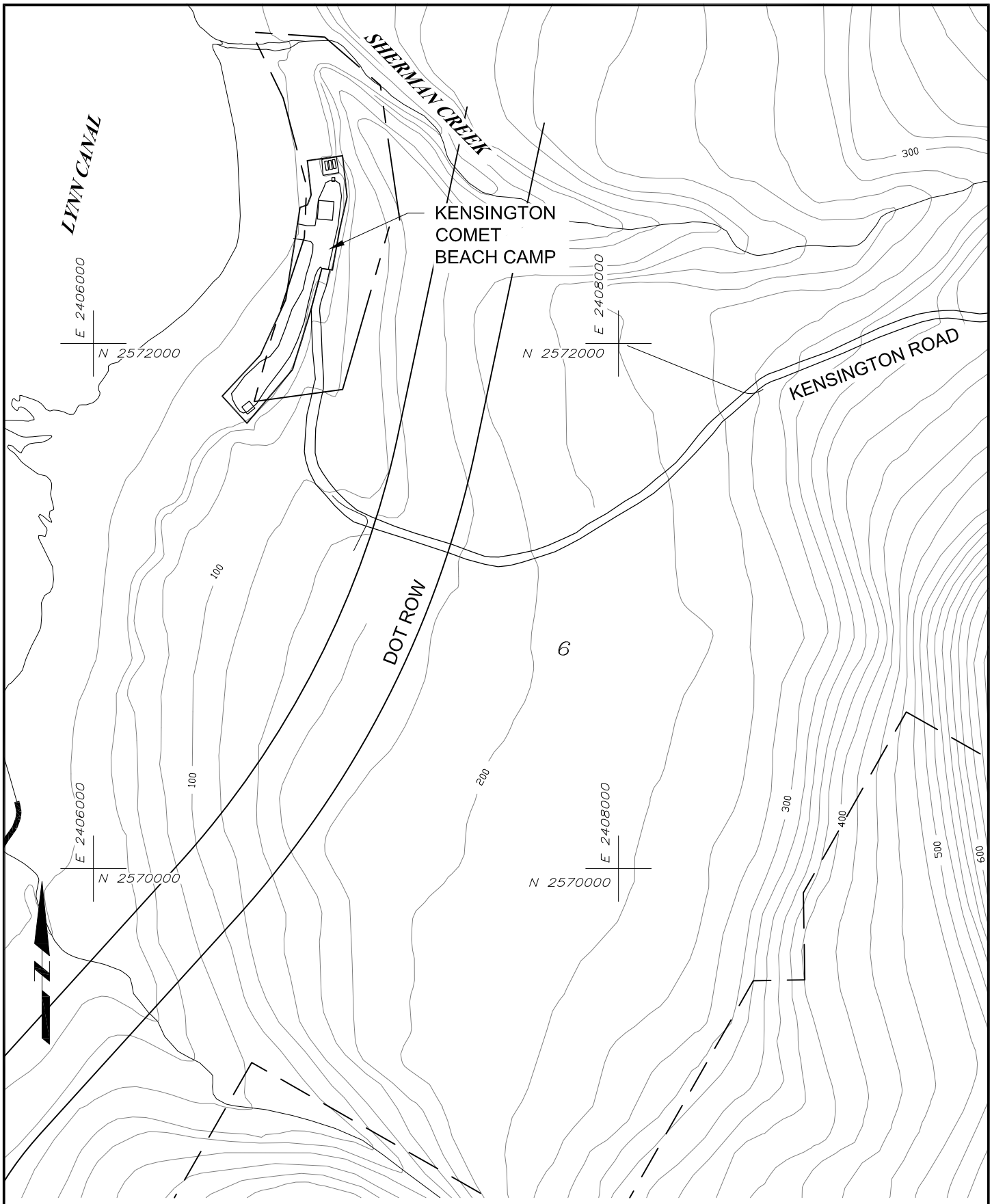
- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

	FIGURE 15 - Comet Access Road
	FILENAME: Jualln site utilization map-30111-gdm.dwg
	REV.DATE: 3/01/11 DRAWN: GDM SCALE: 1"=500 FT
	KENSINGTON GOLD PROJECT AREA
	STORMWATER MANAGEMENT PLAN
	BERNERS BAY, ALASKA



LEGEND OF FEATURES

- POND
- CULVERT LOCATION
- STREAM
- DISTURBED OUTLINE
- BASE CLAIMS PATENTED
- BASE CLAIMS UNPATENTED

32/5 SECTION LINE

0 500' 1000'

Scale in feet

FIGURE 16 - Comet Area		
FILENAME: Juaiin site utilization map-30111-gdm.dwg		
REV.DATE: 3/01/11	DRAWN: GDM	SCALE: 1"=500 FT

KENSINGTON GOLD PROJECT AREA

STORMWATER MANAGEMENT PLAN

BERNERS BAY, ALASKA