Line names	Unit	Grizzley over size	Grizzley under size	Jaw crusher product	Total Primery Crusher product	Feed to Screen	Screen over size	Screen under size	Feed to cone crusher	Feed to surge been	Surge been Belt feeder	Water to Ball mill	Feed to Ball mill	Ball mill out put	Water to cyclone
Raw Stream No		G01	G02	C01	C02	S01	S02	S03	S02	S03	=S03	W01	S03+W01	GM01	W02
Material Size	mm	+150	-150	-150	-150	+10	+10	-10	+10	-10	-10	----	-10	-0.110	----
Dry Material	kg/h	375	125	375	500	900	400	500	400	500	250	----	892.86	892.86	----
Density	kg/L	3	3	3	3	3	3	3	3	3	3	----	3	3	----
Moisture	%	5	5	5	5	5	5	5	5	5	5	----	----	----	----
Water	L/h	18.75	6.25	18.75	25.00	45	20	25	20	25	12.5	154.17	166.67	166.67	726.19
Solid Percent	%	95	95	95	95	95	95	95	95	95	95	----	60.0	60.0	----
Total Flow (W)	kg/h	393.75	131.25	393.75	525.00	945.00	420.00	525.00	420	525	262.5	154.17	1059.52	1059.52	726.19
Slurry Density	kg/L	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	1	1.67	1.67	1.00
Total Flow (V)	L/h	143.75	47.92	143.75	191.67	345.00	153.33	191.67	153.33	191.67	95.83	154.17	635.71	635.71	726.19

Line names	Unit	Total Feed to Pump Box	Cyclone Under flow	Cyclone over flow	Feed to Lead conditioning tanks	Feed to Lead rougher	Lead rougher conc	Lead rougher diluted conc	Lead Rougher tail	Feed to Lead Cleaner Conditioner	Feed To 1st Lead Cleaner Cell	Lead 1st Cleaner Conc	Lead 1st Cleaner Tail	Lead 1st Cleaner Conc diluent	Lead 2nd Cleaner feed
Raw Stream No		W02+GM01	CY03	CY02	CY02	RF01	RF03+RF04	RF05	RF06	=RF05	LC01	LC02	LC04	----	=LC02
Material Size	mm	-0.110	-0.110	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	----	0.075
Dry Material	kg/h	892.86	642.86	250.00	254.85	254.85	20.39	20.39	234.47	24.27	24.27	19.42	4.85	----	19.42
Density	kg/L	3	3	3	3	3	5	5	2.8	5	5	5	3.6	----	5
Moisture	%	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Water	L/h	892.86	428.57	464.29	594.66	594.66	30.58	47.57	564.08	56.63	56.63	29.13	27.51	16.18	45.31
Solid Percent	%	50.0	60	35.00	30.00	30.00	40	30.00	29.36	30.00	30.00	40.00	15.00	----	30.00
Total Flow (W)	kg/h	1785.72	1071.43	714.29	849.52	849.52	50.97	67.96	798.54	80.91	80.91	59.42	32.36	16.18	64.72
Slurry Density	kg/L	1.50	1.67	1.30	1.25	1.25	1.47	1.32	1.23	1.32	1.32	1.47	1.12	1.00	1.32
Total Flow (V)	L/h	1190.48	642.86	547.62	547.62	547.62	34.66	51.65	647.82	61.49	61.49	40.40	28.86	16.18	49.19

Line names	Unit	Lead 2nd Cleaner Conc	Lead 2nd Cleaner tail	Feed to concentrate dump	Feed to Zinc conditioning	Feed to Zinc Rougher	Zinc rougher Conc	Zinc rougher tail	Feed to Zinc scav	Zinc scav conc	Diluted Zinc scav conc	Zinc scav tail	Feed to fine grind cyclone	Cyclone over flow	Cyclone under flow
Raw Stream No		LC03	LC05	=LC03	=RF06	ZC02	ZC03+ZC04	ZC07	=ZC07	ZC05	ZC05	ZC08	ZF01	ZF02	ZF03
Material Size	mm	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	-0.075	-25	+25
Dry Material	kg/h	15.53	3.88	15.53	234.47	234.47	32.83	201.64	201.64	4.64	4.64	197.00	9.28	4.64	4.64
Density	kg/L	5	4.8	5	2.80	2.80	4	2.8	2.8	4	4	2.8	4	4	4
Moisture	%	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Water	L/h	23.30	22.01	23.30	564.08	564.08	49.24	514.84	514.84	6.96	10.82	507.88	15.46	10.82	4.64
Solid Percent	%	40.00	15.00	40.00	29.36	29.36	40.00	28.14	28.14	40.00	30.00	27.95	37.50	30.00	50.00
Total Flow (W)	kg/h	38.83	25.89	38.83	798.54	798.54	82.06	716.48	716.48	11.59	15.46	704.89	24.73	15.46	9.28
Slurry Density	kg/L	1.47	1.13	1.47	1.23	1.23	1.43	1.22	1.22	1.43	1.29	1.22	1.39	1.29	1.60
Total Flow (V)	L/h	26.41	22.82	26.41	647.82	647.82	57.44	586.86	586.86	8.12	11.98	578.24	17.78	11.98	5.80

Line names	Unit	Tower mill	Feed to Zinc cleaner conditioner	Feed to Zinc cleaner	Zinc cleaner conc	Zinc Cleaner tail	Zinc tailing dewatwering pump box	Feed to Dewatering filter press	Dewatering filter solid	Dewatering filter raffinate	Feed to ultrafine grinding pump box	Feed to ultrafine grinding	Feed to Zinc conc Dewatering sump box	Zinc Conc Dewatering sump under flow	Acid to leaching tank
Raw Stream No		ZF04	=ZF02	=ZF02	ZF04	ZF05	ZF05+ZC08	ZT01	ZT02	ZT03	ZU01	=ZU01	ZU02	ZU03	SA01
Material Size	**mm**	+25	-25	-25	-25	-25	-0.075	-0.075	-0.075	----	0.075	0.075	-0.010	-0.010	----
Dry Material	**kg/h**	4.64	4.64	4.64	0.83	3.80	200.81	200.81	200.81	----	33.66	33.66	33.66	33.66	----
Density	**kg/L**	4	4	4	4	2.8	2.8	2.8	2.8	----	4	4	4	4	1.84
Moisture	**%**	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Water	**L/h**	4.64	10.82	10.82	1.25	9.57	517.45	517.45	35.44	482.02	50.49	50.49	50.49	11.22	8.78
Solid Percent	**%**	50.00	30.00	30.00	40.00	28.44	27.96	27.96	85.00	----	40.00	40.00	40.00	75.00	----
Total Flow (W)	**kg/h**	9.28	15.46	15.46	2.09	13.37	718.26	718.26	236.24	----	84.15	84.15	84.15	44.88	----
Slurry Density	**kg/L**	1.60	1.29	1.29	1.43	1.22	1.22	1.22	2.20	----	1.43	1.43	1.43	2.29	----
Total Flow (V)	**L/h**	5.80	11.98	11.98	1.46	10.93	589.17	589.17	107.15	----	58.91	58.91	58.91	19.64	8.78

Line names	Unit	Leaching Feed water content	Raffinate addition to leaching feed	Feed to Leaching tank from flotation	feed to leaching collection sump	Feed to Filter Press	Filter Press effluent	Filter Press solid residue	1st Neutralizati on agent	Feed to 1st neutralizatio n	2nd Neutralization agent	Feed to 1st neutraliztion pump box	Feed to Neutralization Pump box	leach residue	PLS from filter press
Raw Stream No		ZU03	SA03	ZU03	LS01	=LS01	LS02	LT01	LN01	LN01+LS02	LN02	LS03	LS04	LT02	LS05
Material Size	**mm**	----	---	-0.010	-0.010	-0.010	-0.01	-0.010	----	----	----	----	----	----	----
Dry Material	**kg/h**	----	---	33.66	33.66	33.66	0.00	33.66	----	----	----	----	139.20	139.20	----
Density	**kg/L**	1	1.84	4	4	4	1.8	4	1.4	1.80	1.4	1.60	2.6	2.6	1.8
Moisture	**%**	----	---	----	----	----	----	----	----	----	----	----	----	20	----
Water	**L/h**	11.22	114.64	134.64	134.64	134.64	116.52	18.12		----	----	----	278.39	27.84	----
Solid Percent	**%**	----	----	20.00	20.00	20.00	----	65.00	----	----	----	----	45	----	----
Total Flow (W)	**kg/h**	----	----	271.97	271.97	271.97	209.73	51.78	97.87	335.56	----	417.59	417.59	139.20	278.39
Slurry Density	**kg/L**	----	----	1.90	1.90	1.90	----	1.95	---	----	----	----	1.6	----	----
Total Flow (V)	**L/h**	11.22	114.64	143.06	143.06	143.06	116.52	26.54	69.91	186.42	74.57	260.99	260.99	53.54	207.46

Line names	Unit	Solvent addition	SX raffinate to leach	Loaded solvent to scrubbing	Water to scrubber
Raw Stream No		EX01	LS06	EX02	LS07
Material Size	**mm**	----	----	----	----
Dry Material	**kg/h**	----	----	----	----
Density	**kg/L**	1.2	1.8	0.8	1
Moisture	**%**	----	----	----	----
Water	**L/h**	----	----	----	----
Solid Percent	**%**	----	----	----	----
Total Flow (W)	**kg/h**	248.95	278.39	248.95	207.46
Slurry Density	**kg/L**	----	----	----	
Total Flow (V)	**L/h**	207.46	207.46	207.46	207.46