



# **Taseko Prosperity Gold-Copper Project**

## **Appendix 3-7-DD**

Sample ID	Year	Process Type	Level	Paste pH	CO2 %	CaCO3 NP	S(T) %	S(SO4) %	S(S-2) %	AP <sup>a</sup>	NP <sup>b</sup>	Fizz Test	NP/ AP	TIC-NP/ AP
										(kg CaCO <sub>3</sub> / t)				
AL98	1993	Batch	Lower	-	-	-	0.72	-	0.46	14	94	-	6.5	-
BL54	1993	Batch	Lower	-	-	-	0.52	-	0.3	9	75	-	8.0	-
CL37	1993	Batch	Lower	-	-	-	0.68	-	0.09	3	61	-	21.6	-
DL85	1993	Batch	Lower	-	-	-	0.34	-	0.19	6	54	-	9.0	-
EL02	1993	Batch	Lower	-	-	-	0.32	-	0.03	1	75	-	80.1	-
FL19	1993	Batch	Lower	-	-	-	0.23	-	0.03	1	89	-	94.7	-
GL01	1993	Batch	Lower	-	-	-	0.45	-	0.03	1	89	-	95.3	-
HL03	1993	Batch	Lower	-	-	-	0.53	-	0.07	2	60	-	27.2	-
AM13	1993	Batch	Middle	-	-	-	0.72	-	0.05	2	39	-	25.1	-
BM51	1993	Batch	Middle	-	-	-	0.78	-	0.5	16	70	-	4.5	-
CM48	1993	Batch	Middle	-	-	-	0.58	-	0.13	4	83	-	20.4	-
DM68	1993	Batch	Middle	-	-	-	1.32	-	0.46	14	33	-	2.3	-
EM26	1993	Batch	Middle	-	-	-	1.08	-	0.44	14	55	-	4.0	-
FM27	1993	Batch	Middle	-	-	-	0.75	-	0.11	3	58	-	16.8	-
GM31	1993	Batch	Middle	-	-	-	1.93	-	1.09	34	63	-	1.8	-
HM21	1993	Batch	Middle	-	-	-	1.03	-	0.17	5	78	-	14.7	-
AU76	1993	Batch	Upper	-	-	-	0.51	-	0.37	12	31	-	2.7	-
BU22	1993	Batch	Upper	-	-	-	0.15	-	0.1	3	66	-	21.0	-
CU88	1993	Batch	Upper	-	-	-	0.62	-	0.18	6	54	-	9.6	-
DU80	1993	Batch	Upper	-	-	-	0.54	-	0.32	10	70	-	7.0	-
EU07	1993	Batch	Upper	-	-	-	0.27	-	0.17	5	85	-	16.0	-
FU12	1993	Batch	Upper	-	-	-	0.2	-	0.05	2	63	-	40.4	-
GU28	1993	Batch	Upper	-	-	-	0.34	-	0.13	4	97	-	23.8	-
HU14	1993	Batch	Upper	-	-	-	0.2	-	0.11	3	90	-	26.3	-
L2	1993	Locked cycle	Lower	-	-	-	0.87	-	0.54	17	71	-	4.2	-
ABCD-L	1993	Locked cycle	Lower	-	-	-	0.79	-	0.46	14	57	-	3.9	-
EFGH-L	1993	Locked cycle	Lower	-	-	-	0.59	-	0.25	8	68	-	8.7	-
M2	1993	Locked cycle	Middle	-	-	-	1.3	-	0.78	24	70	-	2.9	-
ABCD-M	1993	Locked cycle	Middle	-	-	-	1.16	-	0.54	17	71	-	4.2	-
EFGH-M	1993	Locked cycle	Middle	-	-	-	1.53	-	0.8	25	59	-	2.3	-
U15	1993	Locked cycle	Upper	-	-	-	1.03	-	0.84	26	69	-	2.6	-
ABCD-U	1993	Locked cycle	Upper	-	-	-	0.85	-	0.49	15	49	-	3.2	-
EFGH-U	1993	Locked cycle	Upper	-	-	-	0.97	-	0.73	23	68	-	3.0	-
PP7	1997	Pilot Plant	Lower	8.29	3.0	67	1.17	0.63	0.49	15	43	Slight	2.8	4.4
PP6	1997	Pilot Plant	Middle	7.84	2.8	63	1.83	0.60	0.092	29	44	Slight	1.5	2.2
PP8	1997	Pilot Plant	Upper	8.04	3.7	83	1.02	0.20	0.61	19	57	Mod.	3.0	4.4
PP8 Duplicate	1997	Pilot Plant	Upper	8.11	3.8	86	1.02	0.17	1	31	60	Mod.	1.9	2.7
Test 19	1997	Locked cycle	Lower	7.93	2.8	62	1.19	0.83	0.46	14	55	Mod.	3.8	4.3
Test 20	1997	Locked cycle	Middle	7.84	2.9	66	1.86	0.80	0.97	30	57	Mod.	1.9	2.2
Test 21	1997	Locked cycle	Upper	7.72	3.5	80	1.45	0.33	0.91	28	61	Mod.	2.2	2.8
Test 21 Duplicate	1997	Locked cycle	Upper	7.71	3.6	82	1.46	0.37	0.95	30	64	Mod.	2.1	2.7
Cleaner + Rougher Tails Comp.	2007	Batch	Mixed	7.95	4.0	92	0.64	0.30	0.34	11	60	Slight	5.6	8.6
KM1961-02 Cu Clr Scav Tails	2007	Batch	Mixed	7.85	3.6	82	11.02	0.10	10.92	341	71	Slight	0.2	0.2
KM1961-02 Cu Rougher Tails	2007	Batch	Mixed	7.75	4.0	91	0.46	0.32	0.14	4	73	Slight	16.7	20.8

Notes:

<sup>a</sup> AP = Acid potential in tonnes CaCO<sub>3</sub> equivalent per 1000 tonnes of material. AP is determined from calculated sulphide sulphur content: S(T) - S(SO<sub>4</sub>).<sup>b</sup> NP = Neutralization potential in tonnes CaCO<sub>3</sub> equivalent per 1000 tonnes of material.<sup>c</sup> NET NP = NP - AP