

CALCULATION OF THE QUANTAM							
Digby Wells Environmental			Everest North Platinum Mine				
			Location:	04-Dec-12			
Date:							
Component	Description: Class B (Medium Risk)	Unit:	A Quantity	B Master rate	C Multiplication factor	D Weighting factor 1	E=A*B*C*D Amount (Rands)
			Step 4.5	Step 4.3	Step 4.3	Step 4.4	
1	Dismantling of processing plant & related structures (incl. overland conveyors & Power lines)	m <sup>3</sup>	0.00	10.77	1.00	1.20	R 0
2 (A)	Demolition of steel buildings & Structures	m <sup>2</sup>	576.00	150.06	1.00	1.20	R 103 723
2 (B)	Demolition of reinforced concrete buildings & structures	m <sup>2</sup>	0.00	221.14	1.00	1.20	R 0
3	Rehabilitation of access roads	m <sup>2</sup>	93614.00	26.85	1.00	1.20	R 3 015 977
4(A)	Demolition & rehabilitation of electrified railway lines	m	0.00	260.64	1.00	1.20	R 0
4(B)	Demolition & rehabilitation of non electrified railway lines	m	0.00	142.17	1.00	1.20	R 0
5	Demolition of housing &/or administration facilities	m <sup>2</sup>	363.77	300.12	1.00	1.20	R 131 011
6	Opencast rehabilitation including final voids & ramps	ha	1.47	157327.00	1.00	1.20	R 277 336
7	Sealing of shafts, adits & inclines	m <sup>3</sup>	0.00	80.55	1.00	1.20	R 0
8(A)	Rehabilitation of overburden & spoils	ha	0	104884.67	1.00	1.20	R 0
8(B)	Rehabilitation of processing waste deposits & evaporation ponds (basic, salt producing waste)	ha	2.95	130631.96	1.00	1.20	R 462 186
8(C)	Rehabilitation of processing waste deposits & evaporation ponds (acidic, metal-rich waste)	ha	0	379417.14	0.81	1.20	R 0
9	Rehabilitation of subsidised areas	ha	0.00	87825.11	1.00	1.20	R 0
10	General surface rehabilitation	ha	6.16	83086.36	1.00	1.20	R 613 935
11	River diversions	ha	0.00	83086.36	1.00	1.20	R 0
12	Fencing	m	0.00	94.77	1.00	1.20	R 0
13	Water management	ha	2.95	31591.77	0.33	1.20	R 36 885
14	2 to 3 years of maintenance & aftercare	ha	18.56	11057.11	1.00	1.20	R 246 282
	Specialist study	SUM		0.00	0.00	1.20	R 0
	Specialist study	SUM		0.00	0.00	1.20	R 0
(Sum of items 1 to 15 Above)							<b>R 4 887 336</b>
Weighting factor 2 (step 4.4)				<b>1.1</b>	<b>Sub Total 1</b>		<b>R 5 376 069.33</b>
Preliminary and General		12% of Subtotal 1					R 645 128
Contingency		10%					R 537 607
<b>Sub Total 2</b> (Subtotal 1 plus sum of management & administrative items, 1 to 6 above)							<b>R 6 558 805</b>
						VAT (14%)	R 918 232.64
<b>GRAND TOTAL (subtotal 3 plus VAT)</b>							<b>R 7 477 037.22</b>