CALCULATION OF THE QUANTUM							
Mine:	Koenabib Mine			**Location:**	Pella		
Evaluator:	Yolandie Coetzee			**Date:**	21 November 2019		
No	**Description**	**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 and related structures (including overland conveyors and power lines)	m^3	0	16	1	1	R 0,00
2a	Demolition of steel buildings and structures	m^2	0	228	1	1	R 0,00
2b	Demolition of reinforced concrete buildings and structures	m^2	0	336	1	1	R 0,00
3	Rehabilitation of access roads	m^2	0	41	1	1	R 0,00
4a	Demolition and rehabilitation of electrified railway lines	m	0	395	1	1	R 0,00
4b	Demolition and rehabilitations of non-electrified railway lines	m	0	216	1	1	R 0,00
5	Demolition of housing and/or administration facilities	m^2	0	455	1	1	R 0,00
6	Opencast rehabilitation including final voids and ramps	ha	0	238 697	0.04	1	R 0,00
7	Sealing of shaft, audits and inclines	m^3	0	122	1	1	R 0,00
8a	Rehabilitation of overburden and spoils	ha	0	159 131	1	1	R 0,00
8b	Rehabilitation of processing waste deposits and evaporation ponds (basic, salt-producing waste)	ha	0	198 195	1	1	R 0,00
8c	Rehabilitation of processing waste deposits and evaporation ponds (acidic, metal-rich waste)	ha	0	575 653	0.51	1	R 0,00
9	Rehabilitation of subsided areas	ha	0	133 249	1	1	R 0,00
10	General surface rehabilitation	ha	5	126 059	1	1	R 630 295.00
11	River diversions	ha	0	126 059	1	1	R 0,00
12	Fencing	m	0	144	1	1	R 0,00
13	Water Management	ha	0	47 931	0.17	1	R 0,00
14	2 to 3 years of maintenance and aftercare	ha	0	16 776	1	1	R 0,00
15a	Specialists study	Sum			1	1	R 0,00
15b	Specialists study	Sum			1	1	R 0,00
							R 630 295.00

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	Multiply Sum of 1-15 by Weighting factor 2 (Step 4.4)			1,05	R 630 295.00	**Sub Total 1**	R 661 809.75
	General and preliminary			6% of subtotal 1			R 39 708.59
	Contingency			10.0% of Subtotal 1			R 66 180.98
	(Subtotal 1 plus management and contingency)					**Sub Total 2**	R 767 699.31
	Vat (15%)					**Sub Total 3**	R 115 154.90
	(Subtotal 3 plus VAT)					**GRAND TOTAL**	R 882 854.21