									Links		
	Aquarius Platinum						Date:		To Grand Total		
	Everest North	:Mine					Assignment:	Closure Cost Assessment			
								Detailed Breakdown			
									То Тор		
Class	Home	Cla Ctd	Overstitu	Unit	Unit	Rate	Data	Commont	Caurea Dian Na	Dom	Cook
Class	Item Everest North Infrastructure	Cls Std.	Quantity	Unit	Unit	нате	Rate	Comment	Source Plan No.	Dem	n. Cost
101	Single story brick building	DME 2.2	131.77	m²	m²	R 249.38	R 249.38	Rate includes removal of foundation and transport of 2km		R	32 860.96
102	Double storey brick building	DME 2.2		m²		R 313.84		Rate includes removal of foundation and transport of 2km			02 000.00
103	Triple Story Brick Building	DME 2.2	1	m²		R 347.65		Rate includes removal of foundation and transport of 2km			
104	Buildings With Large Foundations		ı	m²	m²	R 463.89	R 463.89				
105	Car Port		ı	m²	m²	R 45.44		Demolish			
106	Coal Bay	5115.0		m²	m²	R 449.10	R 449.10				
107	Un -Reinforced Concrete	DME 2.2		m³ m³		R 311.73		Rate includes removal and transport 2km - assumed thickness of 0.2 m			
108 109	Reinforced Concrete (low level) Reinforced Concrete (high level)	DME 2.2 DME 2.2		m ³	m³ m³	R 449.10 R 580.13		Rate includes removal and transport 2km - assumed thickness of 0.5 m Rate includes removal and transport 2km - assumed thickness of 0.2 m			
110	Large bases	DME 2.2		m ³		R 845.36	_	Rate includes removal and transport 2km			
111	Dam			m ³		R 15.53		Water dams - Flatten the earth walls			
112	Hostel Rooms			m²		R 249.38		Demolish			
113	Dam			m²		R 4.23		Remove Plastic Liner.			
114	Dam Forth			m ³		R 31.70		Remove Sludge - monitor			
115 116	Dams - Earth Manhole			m ³ tem		R 10.57 R 634.02		Rate includes flattening and spreading earth 1m Deep			
117	Manhole			tem		R 993.30		2m Deep	+ +		
118	Paved Areas	DME 2.2		m²		R 31.70		Rate includes removal and transport 2km			
119	Pipelines			Km		R 15 850.50	R 15 850.50	·			
120	Plug Shaft			m²		R 7 502.57		Plug the shaft. Assume the shaft backfilled with rubble			
121	Plug Shaft	DME 0.0		m²		R 34 871.10		Plug the shaft. Assume the shaft not backfilled with rubble			
122 123	Prefab Building Rails 36 Kg	DME 2.2		m² Km		R 73.97 R 150 662.00		Rate includes removal of foundation and transport of 2km 36 Kg rails (Per single rail)			
124	Rails 22kg			Km		R 150 662.00		22 Kg rails (Per single rail)			
125	Rehabilitation			m ³		R 84.54		Pick up Spilt Slime			
126	Rehabilitation			na	ha	R 2 294.65		Grade an Area			
127	Rehabilitation			m²		R 7.93		General Clean Up			
128	Rehabilitation			m³		R 31.70		Rubble - Load and Cart Away - 1km			1 005 000 7
129 130	Rehabilitation Rehabilitation		62515.77	m² m²	m² m²	R 19.76 R 22.61		Replace Soil and Spread 150mm Thick Replace soil and spread 300 mm thick		R 1	1 235 329.74
131	Rehabilitation		15.61	<u>'''</u> На		R 22 190.70		Revegetate area and place topsoil where necessary		R	346 462.89
132	Rehabilitation			m³		R 6.50		Bulldoze Material - 50m			
133	Tarred Road			m²		R 44.38	R 44.38				
134	Gravel Road	5115.0	93614.00	m²		R 6.34	R 6.34			R	593 531.48
135 136	Shaft Headgear - Steel Shaft Headgear - Concrete	DME 2.2 DME 2.2		t m³		R 1 902.06 R 1 162.37		Dismantle steel and transport 2km Rate includes removal and transport 2km			
137	Single Storey Steel Building	DME 2.2	397.00	••		R 184.92		Rate includes removal of foundation and transport of 2km		R	73 414.23
138	Double Storey Steel Building	DME 2.2		m²		R 237.76		Rate includes removal of foundation and transport of 2km			
139	Triple Storey Steel Buildings	DME 2.2	179.00	m²	m²	R 290.59	R 290.59	Rate includes removal of foundation and transport of 2km		R	52 016.06
140	Conveyor Steelwork (below 20m)	DME 2.2	1	t .		R 1 690.72		Dismantle steel and transport 2km			
141	Conveyor Steelwork (above 20m)	DME 2.2 DME 2.2	000.00	m ²		R 2 747.42		Dismantle steel and transport 2km		D	70 540 0
142 143	Substation Tank (steel)	DME 2.2	232.00	m² m³		R 317.01 R 105.67		Rate includes removal of foundation and transport of 2km Rate includes removal and transport 2km	+ +	R	73 546.32
144	Tank (sieer) Tank (concrete)	DME 2.2		m ³		R 449.10	R 449.10	Rate includes removal and transport 2km			
145	Tailings dams			ha		R 11 121.25	R 11 121.25	Tops - Construct and vegetate contour walls - leach for 18 months (labour only no water costs included)			
146	Tailings dams			na		R 104 296.29		Tops - Vegetate area between contour walls -dryland			
147	Tailings dams			na		R 203 203.41		Sides - vegetate and leach for 18 months (labour only no water costs included)			
148 149	Tailings dams Vent Shaft (short drift)	DME 2.5		ha Sum		R 6 600.15 R 739 690.00		Sides vegetation maintenance/annum for 3 years Fill with rubble and cover with topsoil			
150	Vent Shaft (long drift)	DME 2.5		Sum		R 1 003 865.00		Fill with rubble and cover with topsoil			
151	Precast - 2m High Wall			m		R 64.46	R 64.46	· · · · · · · · · · · · · · · · · · ·			
152	Brick - 1m High - 1 Brick Thick Wall			m		R 106.73	R 106.73				
153	Fencing Vertical Object Consider	D145.5.5		m		R 10.57	R 10.57				
154 155	Vertical Shaft Opening Inclined Shaft Opening	DME 2.5 DME 2.5		Sum Sum		R 440 009.88		Fill with rubble and cover with topsoil Fill with rubble and cover with topsoil			
156	Compact Collar Shaft Opening	DME 2.5 DME 2.5		0.00		R 682 015.31 R 0.00	R 682 015.31	ir iii witti rubbie and cover witti topsoli			
157	Non-compact Collar Opening	DME 2.5		m ³		R 6 590.42	R 6 590.42				
158	Silos	DME 2.2		0.00	0	R 0.00	R -				
159	Rehabilitation			m³		R 174.16		Remove by hand - Cart 2km			
160	Conveyor			m²		R 105.67	R 105.67				
161	Explosive Bay			m³ #N/A		R 528.35 #N/A	R 528.35				
				#N/A #N/A		#N/A #N/A	+				
			ľ								
	Total - Everest North Infrastructure									R 2	2 407 161.69
		•					•		<u> </u>		

404	Circular stars builds building		I 2	2	D 040 00	D 040.00	Date includes account of foundation and transport of Olym		ı	1	
101	Single story brick building DME Dayle a darray brick building		m ²	m²	R 249.38		Rate includes removal of foundation and transport of 2km	1		1	
102	Double storey brick building DME		m ²	m²	R 313.84		Rate includes removal of foundation and transport of 2km	+			
103	Triple Story Brick Building DME	: 2.2	m²	m²	R 347.65		Rate includes removal of foundation and transport of 2km				
104	Buildings With Large Foundations		m²	m²	R 463.89	R 463.89					
105	Car Port		m ²	m²	R 45.44		Demolish				
106	Coal Bay		m²	m²	R 449.10	R 449.10					
107	Un -Reinforced Concrete DME	2.2	m³	m³	R 311.73		Rate includes removal and transport 2km - assumed thickness of 0.2 m				
108	Reinforced Concrete (low level) DME	2.2	m ³	m³	R 449.10	R 449.10	Rate includes removal and transport 2km - assumed thickness of 0.5 m				
109	Reinforced Concrete (high level) DME	2.2	m³	m³	R 580.13	R 580.13	Rate includes removal and transport 2km - assumed thickness of 0.2 m				
110	Large bases DME	2.2	m ³	m³	R 845.36	R 845.36	Rate includes removal and transport 2km				
111	Dam		m ³	m³	R 15.53	R 15.53	Water dams - Flatten the earth walls				
112	Hostel Rooms		m²	m²	R 249.38	R 249.38	Demolish				
113	Dam		m²	m²	R 4.23		Remove Plastic Liner.				
114	Dam		35000.00 m ³	m³	R 31.70		Remove Sludge - monitor			R	1 109 535.00
115	Dams - Earth		m ³	m ³	R 10.57		Rate includes flattening and spreading earth			+''	1 100 000.00
116	Manhole		item	item	R 634.02		1m Deep				
117	Manhole		item	item	R 993.30		2m Deep				
			m ²								
118	Paved Areas DME	2.2		m²	R 31.70		Rate includes removal and transport 2km				
119	Pipelines		Km	Km	R 15 850.50	R 15 850.50					
120	Plug Shaft		m ²	m²	R 7 502.57		Plug the shaft. Assume the shaft backfilled with rubble				
121	Plug Shaft		m²	m²	R 34 871.10		Plug the shaft. Assume the shaft not backfilled with rubble				
122	Prefab Building DME	2.2	m²	m²	R 73.97		Rate includes removal of foundation and transport of 2km			1	
123	Rails 36 Kg		Km	Km	R 150 662.00		36 Kg rails (Per single rail)				
124	Rails 22kg		Km	Km	R 150 662.00	R 150 662.00	22 Kg rails (Per single rail)				
125	Rehabilitation		m ³	m³	R 84.54	R 84.54	Pick up Spilt Slime				
126	Rehabilitation		ha	ha	R 2 294.65		Grade an Area				
127	Rehabilitation		m²	m²	R 7.93		General Clean Up	1		1	
128	Rehabilitation		m ³	m³	R 31.70		Rubble - Load and Cart Away - 1km	+		+	
129	Rehabilitation		m ²	m ²	R 19.76		Replace Soil and Spread 150mm Thick	+		+	
130	Rehabilitation	-	m ₂	m ²	R 22.61		Replace soil and spread 300 mm thick	+		+	
			2.95 Ha		R 22.61		Revegetate area and place topsoil where necessary	+		l _D	65 427.06
131	Rehabilitation		2.95 Ha m ³	Ha m³				+		<u> </u>	00.124.06
132	Rehabilitation		,,,,	m³	R 6.50		Bulldoze Material - 50m				
133	Tarred Road		m²	m²	R 44.38	R 44.38					
134	Gravel Road		m²	m²	R 6.34	R 6.34					
135	Shaft Headgear - Steel DME		t	t	R 1 902.06		Dismantle steel and transport 2km				
136	Shaft Headgear - Concrete DME		m³	m³	R 1 162.37		Rate includes removal and transport 2km				
137	Single Storey Steel Building DME	2.2	m²	m²	R 184.92	R 184.92	Rate includes removal of foundation and transport of 2km				
138	Double Storey Steel Building DME	2.2	m²	m²	R 237.76	R 237.76	Rate includes removal of foundation and transport of 2km				
139	Triple Storey Steel Buildings DME	2.2	m²	m²	R 290.59	R 290.59	Rate includes removal of foundation and transport of 2km				
140	Conveyor Steelwork (below 20m) DME	2.2	t	t	R 1 690.72	R 1 690.72	Dismantle steel and transport 2km				
141	Conveyor Steelwork (above 20m) DME	2.2	t	t	R 2 747.42	R 2 747.42	Dismantle steel and transport 2km				
142	Substation DME		m²	m²	R 317.01		Rate includes removal of foundation and transport of 2km				
143	Tank (steel) DME		m ³	m ³	R 105.67		Rate includes removal and transport 2km				
			m ³	m ³	R 449.10		Rate includes removal and transport 2km				
144	, ,	2.2					Tops - Construct and vegetate contour walls - leach for 18 months (labour only no water costs included)				
145	Tailings dams	-	na	ha	R 11 121.25	R 11 121.25	Tops - Constitut and vegetate contour waits - leach for 16 months (labour only no water costs included)				
146	Tailings dams		na	ha	R 104 296.29		Tops - Vegetate area between contour walls -dryland				
147	Tailings dams		ha	ha	R 203 203.41		Sides - vegetate and leach for 18 months (labour only no water costs included)				
148	Tailings dams		ha	ha	R 6 600.15		Sides vegetation maintenance/annum for 3 years				
149	Vent Shaft (short drift) DME		Sum	Sum	R 739 690.00		Fill with rubble and cover with topsoil				
150		2.5	Sum	Sum		R 1 003 865.00	Fill with rubble and cover with topsoil				
151	Precast - 2m High Wall		m	m	R 64.46	R 64.46					
152	Brick - 1m High - 1 Brick Thick Wall		m	m	R 106.73	R 106.73					
153	Fencing		m	m	R 10.57	R 10.57					
154	Vertical Shaft Opening DME	2.5	Sum	Sum	R 440 009.88		Fill with rubble and cover with topsoil				
155	Inclined Shaft Opening DME		Sum	Sum	R 682 015.31		Fill with rubble and cover with topsoil	1		1	
156	Compact Collar Shaft Opening DME		0.00	0	R 0.00	R -	,	1			
157	Non-compact Collar Opening DME		m ³	m ³	R 6 590.42	R 6 590.42		1		1	
158	Silos DME		0.00	0	R 0.00	R 0 390.42		+		+	
159	Rehabilitation		m ³	m ³	R 174.16	1 * *	Remove by hand - Cart 2km	+		+	
160	Conveyor		m ²	m³ m²	R 174.16	R 174.16	Hemove by Hallu - Gall 2Mill	+		+	
	•		m² m³					+		+	
161	Explosive Bay		""	m³	R 528.35	R 528.35		+		+	
			#N/A		#N/A	1		+		1	
			#N/A		#N/A			 		4	
	Total - Dams									R	1 174 962.06
	Pit										
101	Single story brick building DME	2.2	m²	m²	R 249.38	R 249.38	Rate includes removal of foundation and transport of 2km				
102	Double storey brick building DME		m²	m ²	R 313.84		Rate includes removal of foundation and transport of 2km	1		1	
102	Triple Story Brick Building DME		m ²	m ²	R 347.65		Rate includes removal of foundation and transport of 2km	+		+	
	Buildings With Large Foundations		m ²	_	R 463.89	R 463.89		+		+	
104			***	m²				+		+	
105	Car Port		m²	m ²	R 45.44		Demolish	+		+	
106	Coal Bay		m²	m²	R 449.10	R 449.10		_		1	
107	Un -Reinforced Concrete DME		m³	m³	R 311.73		Rate includes removal and transport 2km - assumed thickness of 0.2 m	1		1	
108	Reinforced Concrete (low level) DME		m³	m³	R 449.10		Rate includes removal and transport 2km - assumed thickness of 0.5 m			1	
109	Reinforced Concrete (high level) DME	2.2	m³	m³	R 580.13	R 580.13	Rate includes removal and transport 2km - assumed thickness of 0.2 m				
110	Large bases DME	2.2	m³	m³	R 845.36		Rate includes removal and transport 2km				
										+	
111	Dam		m³	m³	R 15.53	R 15.53	Water dams - Flatten the earth walls				

112	Hostel Rooms		m²	m²	R 249.38	R 249.38	Demolish			1
113	Dam		m²	m²	R 4.23		Remove Plastic Liner.	+		
114	Dam		m ³	m³	R 31.70		Remove Sludge - monitor			
115	Dams - Earth		m ³	m³	R 10.57		Rate includes flattening and spreading earth			
116	Manhole		item	item	R 634.02		1m Deep	+		
117	Manhole		item	item	R 993.30		2m Deep			
118	Paved Areas		m ²	m ²	R 31.70		Rate includes removal and transport 2km			
119	Pipelines		Km	Km	R 15 850.50	R 15 850.50	Tate includes removar and transport zwin	+ +		
120	Plug Shaft		m ²	m ²	R 7 502.57		Plug the shaft. Assume the shaft backfilled with rubble	+ +		
121	Plug Shaft		m ²		R 34 871.10		Plug the shaft. Assume the shaft not backfilled with rubble	+		
	Prefab Building		m ²		R 73.97		Rate includes removal of foundation and transport of 2km	-		
122								1		
123	Rails 36 Kg		Km		R 150 662.00		36 Kg rails (Per single rail)	1		
124	Rails 22kg		Km		R 150 662.00		22 Kg rails (Per single rail)			
125	Rehabilitation		m³		R 84.54		Pick up Spilt Slime			
126	Rehabilitation		ha		R 2 294.65		Grade an Area			
127	Rehabilitation		m²		R 7.93		General Clean Up			
128	Rehabilitation		m ³		R 31.70		Rubble - Load and Cart Away - 1km			
129	Rehabilitation	14690.00	m²		R 19.76		Replace Soil and Spread 150mm Thick		R	290 278.66
130	Rehabilitation		m²		R 22.61		Replace soil and spread 300 mm thick			
131	Rehabilitation	1.47	На	Ha	R 22 190.70		Revegetate area and place topsoil where necessary		R	32 598.14
132	Rehabilitation	1020955.00	m³	m³	R 6.50	R 6.50	Bulldoze Material - 50m		R	6 636 207.50
133	Tarred Road		m²		R 44.38	R 44.38				
134	Gravel Road		m²		R 6.34	R 6.34				
135	Shaft Headgear - Steel	DME 2.2	t		R 1 902.06	R 1 902.06	Dismantle steel and transport 2km	1		
136	Shaft Headgear - Concrete		m ³		R 1 162.37		Rate includes removal and transport 2km			
137	Single Storey Steel Building		m²		R 184.92		Rate includes removal of foundation and transport of 2km	† †		
138	Double Storey Steel Building		m²		R 237.76		Rate includes removal of foundation and transport of 2km			
139	Triple Storey Steel Buildings		m ²		R 290.59		Rate includes removal of foundation and transport of 2km	 		
140	Conveyor Steelwork (below 20m)	DME 2.2	†	+	R 1 690.72		Dismantle steel and transport 2km	 		
141		DME 2.2		ı.	R 2 747.42		Dismantle steel and transport 2km	-		
	Conveyor Steelwork (above 20m)		l	l				1		
142	Substation		m²	m²	R 317.01		Rate includes removal of foundation and transport of 2km	1		
143	Tank (steel)	DIVIL 2.2	m ³	m³	R 105.67		Rate includes removal and transport 2km			
144	Tank (concrete)	DME 2.2	m ³	m³	R 449.10	R 449.10	Rate includes removal and transport 2km			
			ha		R 11 121.25	R 11 121.25				
145	Tailings dams			ha			Tops - Construct and vegetate contour walls - leach for 18 months (labour only no water costs included)			
146	Tailings dams		ha	ha	R 104 296.29	R 104 296.29	Tops - Vegetate area between contour walls -dryland			
147	Tailings dams		ha	ha	R 203 203.41	R 203 203.41	Sides - vegetate and leach for 18 months (labour only no water costs included)			
148	Tailings dams		ha		R 6 600.15		Sides vegetation maintenance/annum for 3 years			
149	Vent Shaft (short drift)		Sum		R 739 690.00		Fill with rubble and cover with topsoil			
150	Vent Shaft (long drift)		Sum		R 1 003 865.00		Fill with rubble and cover with topsoil			
151	Precast - 2m High Wall		m		R 64.46	R 64.46	i iii wan rabbie and cover with topson			
152	Brick - 1m High - 1 Brick Thick Wall		m		R 106.73	R 106.73		+ +		
153	Fencing		m	m	R 10.57	R 10.57		+ +		
154	Vertical Shaft Opening		Sum	Sum	R 440 009.88		Fill with rubble and cover with topsoil			
	i ŭ		Sum		R 682 015.31		l l	-		
155	Inclined Shaft Opening			Sum			Fill with rubble and cover with topsoil	-		
156	Compact Collar Shaft Opening		0.00	0	R 0.00	R -		1		
157	Non-compact Collar Opening		m ³	m³	R 6 590.42	R 6 590.42		 		
158	Silos		0.00	0	R 0.00	R -		 		
159	Rehabilitation		m ³		R 174.16		Remove by hand - Cart 2km			
160	Conveyor		m²		R 105.67	R 105.67				
161	Explosive Bay		m ³		R 528.35	R 528.35				
			#N/A		#N/A					
			#N/A		#N/A					
	Total - Pit								R	6 959 084.30
		•					•			
	Total								R	10 541 208.05
	Total								n	10 341 200.03
							*Monitoring (for 5 years on a quarterly basis) based on 5 boreholes including the cost to sink			
	Groundwater Monitoring Costs*								R	1.046.000.00
							boreholes		К	1 046 000.00
	V									45
	Vegetation Monitoring						3 years		R	15 490.00
	Vegetation Maintenance						3 years		R	317 504.25
	Project Management (12%)								R	1 264 944.97
	Contingency (10%)								R	1 054 120.80
	GRAND TOTAL								R	14 239 268.07
										1 1 200 200.01