

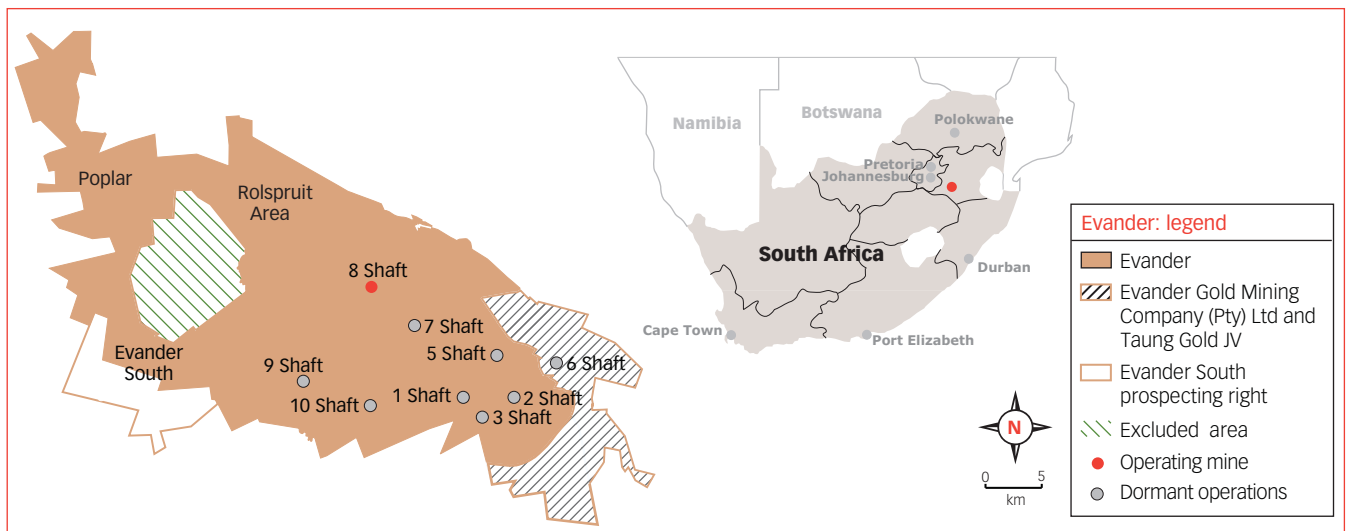
Mineral resources and mineral reserves cont.

East Rand

Evander

Geology

The Evander Basin is a tectonically preserved sub-basin outside the main Witwatersrand Basin and forms an asymmetric syncline, plunging to the north-east. It is structurally complex with a series of east-north-east striking normal faults. At the south-east margin of the basin, vertically to locally overturned reef is present. The only economic reef horizon exploited in the Evander Basin is the Kimberley Reef. The Intermediate Reef is generally poorly mineralised, except where it erodes the sub-cropping Kimberley Reef to the south and west of the basin.



Gold – Mineral resources

Operations	Measured				Indicated				Inferred				Total			
	Tonnes (Mt)	g/t	Gold (000 kg)	Gold (000 oz)	Tonnes (Mt)	g/t	Gold (000 kg)	Gold (000 oz)	Tonnes (Mt)	g/t	Gold (000 kg)	Gold (000 oz)	Tonnes (Mt)	g/t	Gold (000 kg)	Gold (000 oz)
Underground																
Evander 8	3.7	14.02	52	1 659	3.6	15.51	56	1 805	12.4	11.13	138	4 446	19.7	12.47	246	7 910
Evander 9	0.1	13.69	2	50	0.1	13.99	1	31	0.6	11.57	7	240	0.8	12.07	10	321
Total	3.8	14.2	54	1 709	3.7	15.48	57	1 836	13	11.15	145	4 686	20.5	12.46	256	8 231
Projects - Below Infrastructure																
Evander South	–	–	–	–	23.9	5.35	128	4 107	40.4	3.08	125	4 006	64.3	3.92	253	8 113
Rolspruit	–	–	–	–	29.1	11.59	337	10 847	4.9	5.69	28	902	34.0	10.74	365	11 749
Poplar	–	–	–	–	17.2	9.28	159	5 123	–	–	–	–	17.2	9.28	159	5 123
Total	–	–	–	–	70.2	8.90	624	20 077	45.3	3.36	153	4 908	115.5	6.73	776	24 985
Subtotal	3.8	14.01	53	1 709	73.9	9.23	681	21 913	58.3	5.11	298	9 594	136	7.59	1 032	33 216
Surface																
Libra Project	–	–	–	–	202.9	0.29	59	1 897	–	–	–	–	202.9	0.29	59	1 897
Total	–	–	–	–	202.9	0.29	59	1 897	–	–	–	–	202.9	0.29	59	1 897
Grand total	3.8	14.01	53	1 709	276.8	2.68	740	23 810	58.3	5.11	298	9 594	338.9	3.22	1 091	35 113

Modifying factors

Operations	MCF (%)	SW (cm)	MW (cm)	PRF (%)
Evander 8	74	120	169	96
Rolspruit	80	110	137	95
Poplar	70	110	139	95

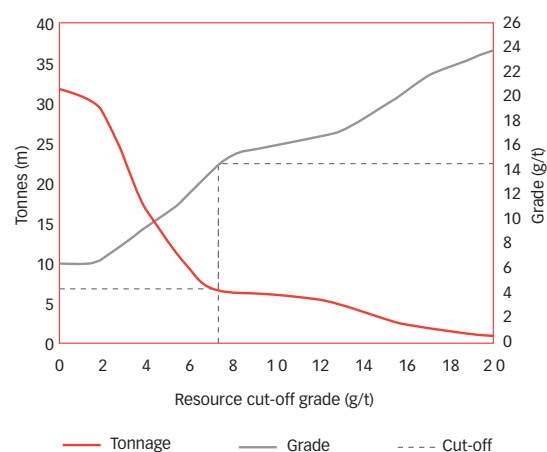
MCF = Mine call factor MW = Milling width
SW = Stopping width PRF = Plant recovery factor

Operations	MCF (%)	PRF (%)
Libra Project	100	45

MCF = Mine call factor PRF = Plant recovery factor

Evander: Grade tonnage curve

(measured and indicated resources)



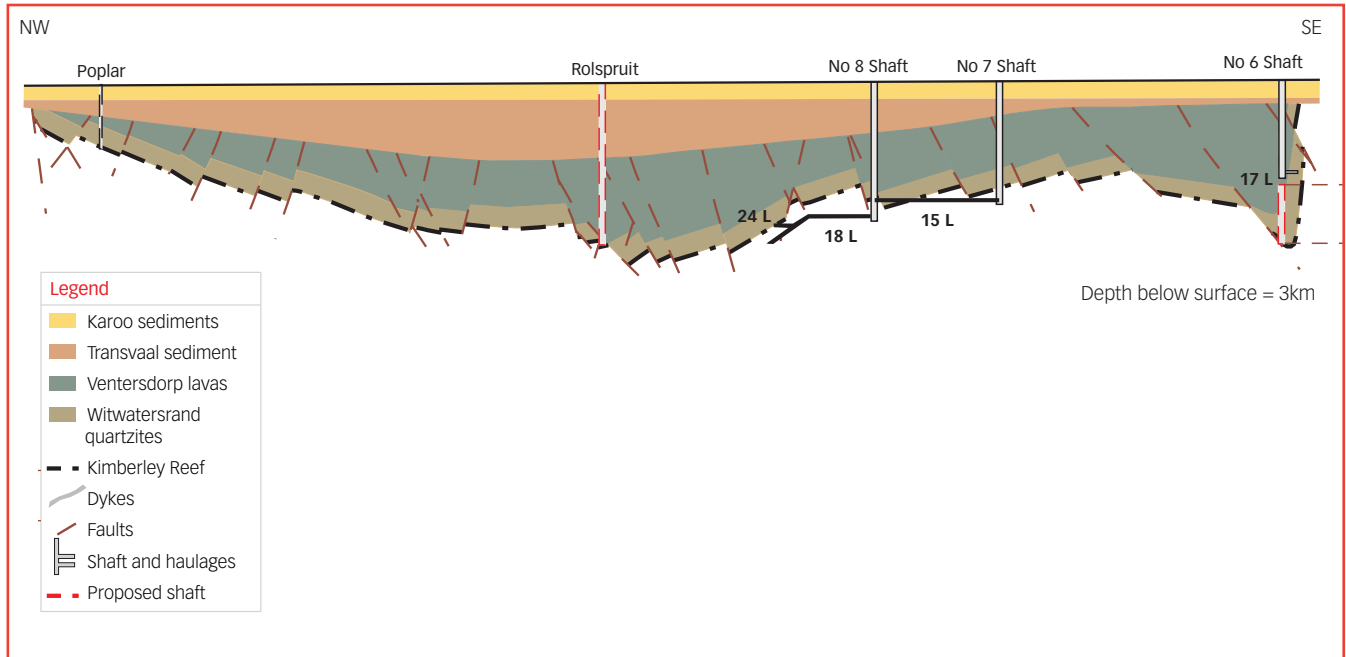
Gold – Mineral reserves

Operations	Proved				Probable				Total			
	Tonnes (Mt)	g/t	Gold (000 kg)	Gold (000 oz)	Tonnes (Mt)	g/t	Gold (000 kg)	Gold (000 oz)	Tonnes (Mt)	g/t	Gold (000 kg)	Gold (000 oz)
Underground												
Evander 8	2.2	7.20	16	520	1.6	9.12	15	470	3.8	8.00	31	990
Total	2.2	7.20	16	520	1.6	9.12	15	470	3.8	8.00	31	990
Projects - Below Infrastructure												
Rolspruit	–	–	–	–	26.2	8.08	211	6 790	26.2	8.08	211	6 790
Poplar	–	–	–	–	16.1	5.99	97	3 105	16.1	5.99	97	3 105
Total	–	–	–	–	42.3	7.28	308	9 895	42.3	7.28	308	9 895
Subtotal	2.2	7.20	16	520	43.9	7.35	323	10 365	46.1	7.34	339	10 885
Surface												
Libra Project	–	–	–	–	202.9	0.29	59	1 897	202.9	0.29	59	1 897
Total	–	–	–	–	202.9	0.29	59	1 897	202.9	0.29	59	1 897
Grand total	2.2	7.20	16	520	246.8	1.55	382	12 262	249.0	1.60	398	12 782

Mineral resources and mineral reserves cont.

Section across Evander Basin

Not to scale



Evander operations

Evander 8 shaft and 9 shaft, Poplar, Rolspruit and Evander South – Kimberley reef

