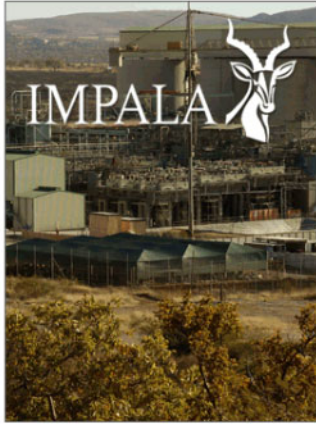


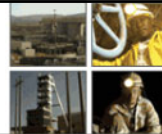
14 Shaft



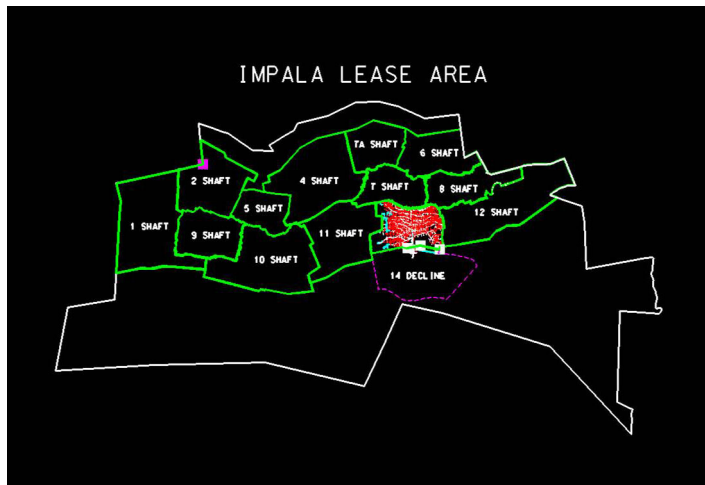
Analyst visit
1 Dec 2004



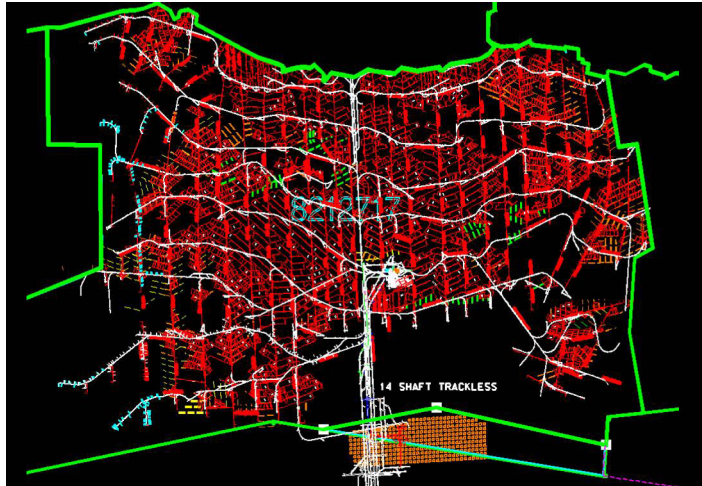
Impala lease area



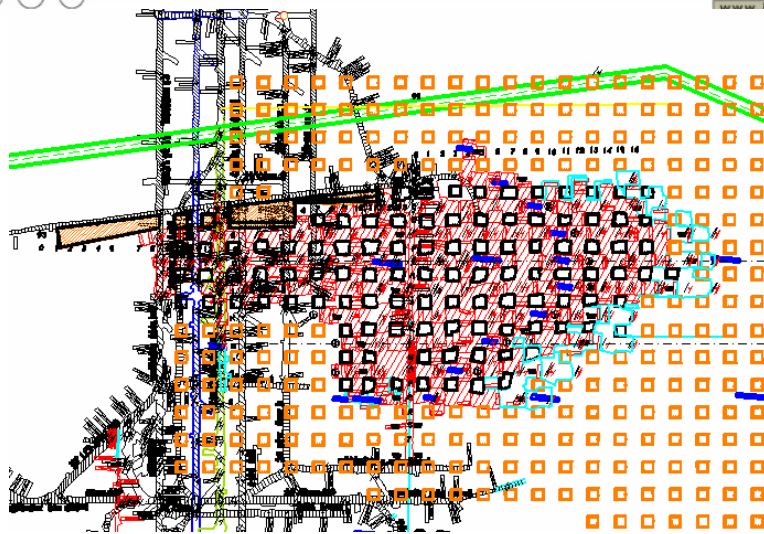
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Today's visit to 14 Shaft



Mineral Resource Management plan



Key features



- Shaft diameter 7.4 m
- Depth 1 152.6 m below collar
- Hoisting capacity/month 250 000 tons
- Production/month
Ave 116 000 reef tons
Ave 25 000 waste tons



Hybrid section



Mining method	Life-of-project	Size of ore body
<ul style="list-style-type: none">• Bord and pillar• Hand-held drilling• LHD cleaning• Conveyor strike belts• 1.8m stoping width• 12m bords• 12m pillars	+/- 5 years – mining at a rate of 4000ca per month	400m dip x 1200m strike

Geology



Reef type	- "A" Merensky
Reef dip	- 9°
Area	- 349 060m ²
Geology + pillar losses	- 25%
Stope width	- 1.8m
Tonnage	- 1 108 335t @ 75% extraction

Life-of-mine plan (LOM):

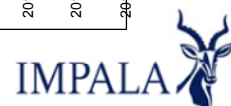
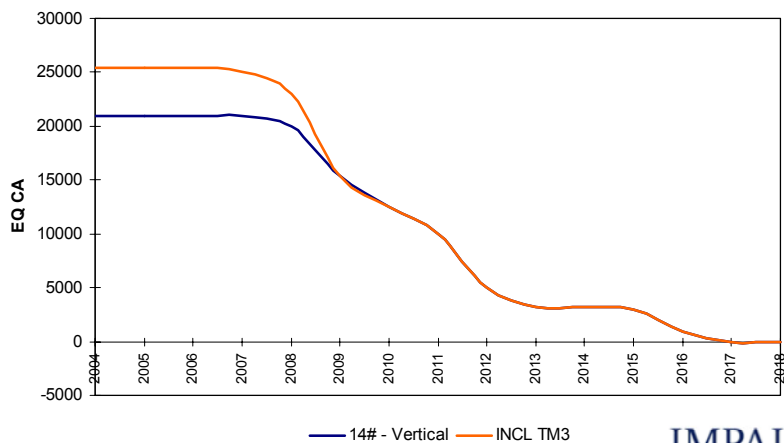
Trackless section to bring in additional tons on the shaft
5-year LOM plan



Life-of-mine



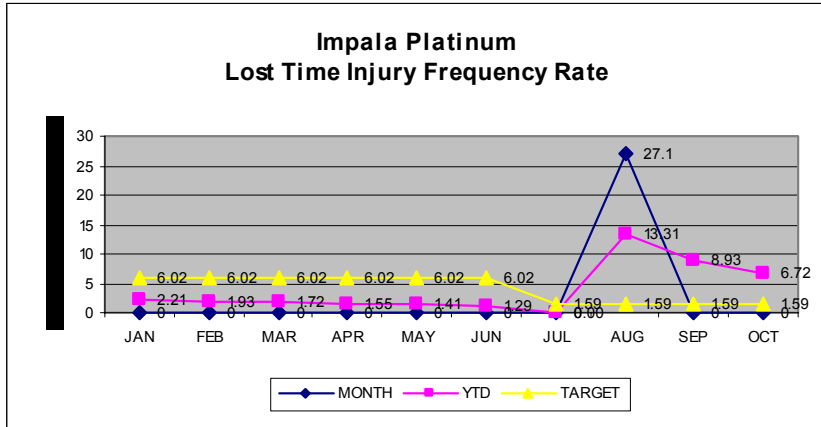
14 # LIFE OF MINE PLAN (L.O.M)



Safety LTIFR - trackless section



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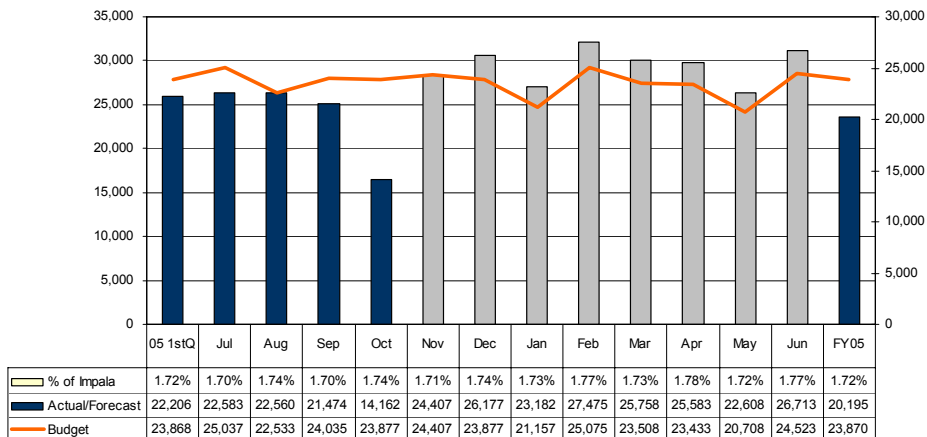


Tons - trackless section



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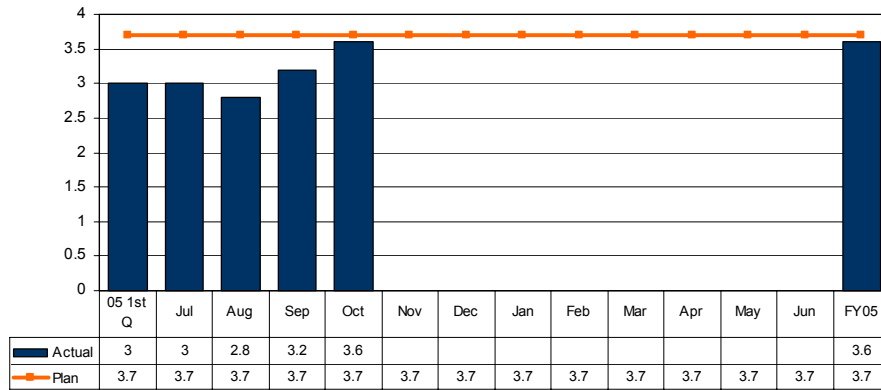
Weighline Tons



Mill grade



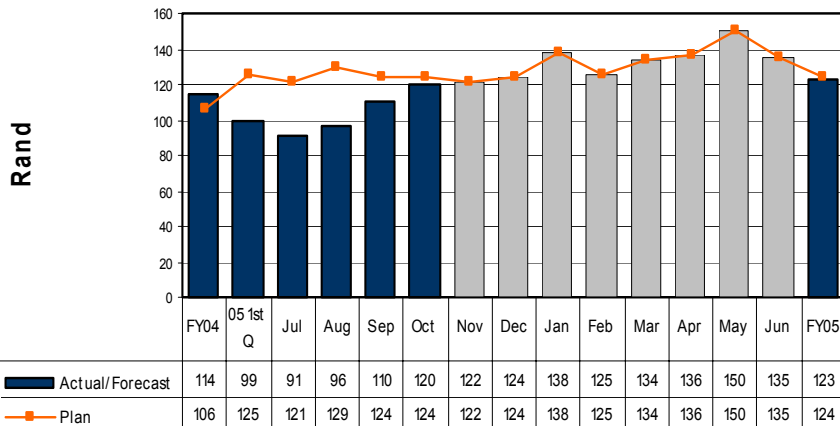
Grade



Direct cost per ton



Cost / Ton



Direct cost per kg



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