

## Grande Côte Ramp-Up Update

Mineral Deposits Limited (“MDL”) is pleased to advise that significant progress is being made with mining operations at Grande Côte in Senegal.

Mining at Grande Côte first commenced in late-March, with sand being processed through the Wet Concentrator Plant (“WCP”). In mid-April, the failure of mechanical seals on two major pumps caused almost a month of downtime for the WCP. Since mining recommenced, the newly installed mechanical seals have operated trouble-free.

Since 9 May 2014, the WCP has been operating on full plant and consistently improving in reliability and production. In recent weeks, feed rates well above 4,000 tonnes per hour (“tph”) have been recorded on several days, including some days at more than 5,000tph. Name plate capacity is 7,000tph with expected steady state utilisation of 89%. Heavy Mineral Concentrate production rates of 1,200 to 1,400 tonnes have been produced on a number of days, with the midpoint representing approximately 50% of expected full production rates.

Whilst it is expected to take up to 12 months to reach full production rates on a steady state basis, the progress achieved in the first effective month of mining has been ahead of design ramp-up. Feed rates through the WCP will remain restricted over the next few months as tails are pumped through land-based lines off the mine path to enable the size of the dredge pond to be increased.

The wet plant at the Mineral Separation Plant has had its first real production runs over the past two weeks, operating close to design for throughput and yield. It is planned to run both non-magnetic and magnetic concentrates through the dry plant over the next couple of weeks.

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### About MDL

Mineral Deposits Limited (ASX: MDL) is an Australian based mining company in the business of finding, mining and processing mineral sands resources.

MDL owns 50% of TiZir Limited which owns the Grande Côte mineral sands mine in Senegal, West Africa and an ilmenite upgrading facility in Tyssedal, Norway.

Grande Côte, with mining now underway, is anticipated to produce on average approximately 85ktpa of zircon and 575ktpa of ilmenite (and small amounts of rutile and leucoxene) when in full production over an expected mine life of at least 20 years.

The Tyssedal ilmenite upgrading facility smelts ilmenite to produce a high-TiO<sub>2</sub> titanium slag which is sold to pigment producers and a high purity pig iron which is sold as a valuable co-product to ductile iron foundries. The facility currently produces approximately 200ktpa of titanium slag and 110ktpa of high-purity pig iron.

Once Grande Côte reaches expected average production rates, TiZir will be producing approximately 7% of both global zircon and titanium feedstock supply.