

## DIAMOND DRILLING EXTENDED AND COMPLETE

Apella Resources Inc. and its Board of Directors have announced that Apella has now successfully completed its initial drilling program on the Iron-T Vanadium-Iron-Titanium Project. The original 10-hole 1000 metre program budgeted for and announced October 26<sup>th</sup> was increased by management to 1800 metres at the request of Apella's geological field crew. Three holes were added bringing the total holes to thirteen. A number of initial ten holes were revisited and extended in depth. The company is planning a follow up release in order to provide details of the drill holes.

The remaining core samples are now being logged and several hundred samples in total will be processed for Vanadium, Iron and Titanium by ALS Chemex Canada and Perth, Australia. [Details](#)

## TOHO TITANIUM EXPECTS LOWER SPONGE EXPORT PRICE FOR 2010 SHIPMENT

Toho Titanium revealed at a press conference this month its titanium sponge export price for 2010 shipments are likely to decrease compared to 2009 shipments.

The export price may decline for 2 years in a row. Inventory adjustments haven't progressed due to Aircraft manufacturers significantly delaying delivery of new model aircrafts

## A350 XWB PROGRAM CONTINUES APACE

Spain has approved loans worth up to \$520 million for subcontractors working on the Airbus A350 XWB twin-aisle twinjet or on its Rolls-Royce Trent XWB engine. The loans are separate from any other financial support that Spain provides for the overall program. Major A350 partner nations France, Germany and the UK are providing a total of \$4.3 billion toward the \$17.6 billion project, with Spain expected to contribute about a further \$441 million.



The A350 sees Spain doubling its work share compared with previous Airbus programs to 10 percent, with Germany and the UK taking reduced shares. The move is regarded as compensation for Spain's aerospace assets having been subsumed into Airbus parent group European Aerospace Defence & Space (EADS) in 2000. By contrast, Britain will produce just 18 percent of the A350, compared with 20 percent for the A380.

Airbus appears to be keeping to its development schedule for the A350, which is expected to fly in early 2012 and to enter service with Gulf-based Qatar Airways in mid 2013. Continuing the commercial aircraft trend of the past 50 years, the mainly carbon fibre aircraft will offer greater capacity than did its A300/A310/ A330/A340 predecessors and could replace the larger Boeing 777, according to Airbus. With manufacturing of the first aircraft already under way, the wider-bodied A350 program is gathering momentum. The project is the European manufacturer's response to market demand—defined by capacity, range and operating cost. The clean-sheet design includes a cabin “effectively about five inches wider than that of the Boeing 787 at all measurement heights,” claims Airbus.

The airframe including undercarriage will be composed of carbon fibre-reinforced plastic (CFRP) composites material (53 percent), aluminum/aluminum-lithium alloys (19 percent), titanium (14 percent) and steel (6 percent). CFRP is being used for its fatigue strength and noncorrosion properties in the wings, centre wingbox, tailcone, fuselage skin and doubler panels, frames and stringers, and passenger and cargo doors. Titanium is employed for high-load fuselage frames, door surrounds, engine pylons and undercarriage, all areas where corrosion resistance is important. [Details](#)

## **TIMET, BOEING REACH 5 YEAR TITANIUM SUPPLY AGREEMENT**

A new five-year supply agreement between Boeing Co. and Titanium Metals Corp. Timet has been signed at a point in the market cycle when leverage appears to have swung back to the buyer's side. Dallas-based Timet has said that it has entered into a new long-term agreement to supply Boeing with titanium that runs from 1 Jan. 2011, to 31 Dec 2015.

As part of entering into the new supply agreement, TIMET and Boeing amended the terms of their existing supply agreement which expires 31 December 31 2010.

The new supply agreement provides for, among other things, mutual annual purchase and supply commitments, the extension of the global titanium scrap recycling program and the utilization of the TIMET Global Service Centre Network.

Bobby D O'Brien, President, noted, "TIMET and Boeing have a solid relationship that has developed and expanded over the past 40 years. This new agreement extends that relationship and allows us the opportunity to build upon the long standing strategic partnership between our companies."

Steven L Watson, CEO and Vice Chairman of the Board of Directors of TIMET, noted, "Through our focused efforts over the past few years, we have added significant capacity and flexibility to our operations, increasing our ability to respond to future industry growth and demand. Through these efforts and this new agreement, we are pleased to continue to be a key supplier and strategic partner in Boeing's current and future programs." [Details](#)

---

## **TITANIUM RESOURCES RAISES £15.1 MILLION FOR SIERRA RUTILE MINE**

Titanium Resources Group has raised £15.1 million through an equity placing to increase production and processing capacity at its Sierra Rutile Mine in Sierra Leone.

The company placed over 151 million new shares at a price of 10 pence per share, representing a discount of more than 20% to last Friday's closing price of 12.25 pence. The proceeds will be used to fund projects intended to increase production and processing capacity at its Sierra Rutile mine. About US \$20 million will be used to build the Dredge D3, which will take 12 months and add 30,000 tonnes per annum of rutile production in its first full year of operation.

Another US \$2 million will be spent to upgrade processing equipment at the Dredge D1 wet plant to increase rutile recovery by 5,000 tonnes per annum and limonite recovery by 1,000 tpa, which will also take 12 months to complete. The remaining proceeds will fund the completion of an upgrade of the company's land plants to increase the processing capacity there to 280,000 tpa. [Details](#)

---

## **TITANIUM SPONGE METAL PROJECT**

The Andhra Pradesh government is planning to establish a value added Titanium sponge metal project under Joint Venture partnership. The government proposes to establish four production centres in the Kadapa, Prakasham, Khammam and Ranga Reddy districts for utilising the waste in granite mining on the lines of the ROQWARE (Recycling of Quarry Waste, Women's Awareness and Rural Employment) project of Mysore Minerals Ltd. [Details](#)

---

## **TITANIUM CASTINGS**

TITAL GmbH has been qualified by Airbus France for the assembly of Titanium castings. TITAL has earned the position of a strategic supplier and will be gradually qualified for further component processing. The reason for the change in the procurement strategy is that Airbus wants to focus more on its core competences, aircraft development and manufacturing. Smaller assemblies will be purchased as an assembly. The preparation and documentation for the certification took several months and includes approvals for the Airbus military carrier A400M as well as for the single aisle passenger planes the A318, A319, A320 and A321

---

## **MINE PERFORMANCE INCREASE - KENMARE**

Mining group Kenmare Resources has announced a significant increase in production and improvement of operations.

In an interim statement released today, Kenmare said that production performance at the Company's Moma Titanium Minerals Mine in Mozambique had continued to improve quarter on quarter. Third quarter production of heavy mineral concentrate from the mine was 230,000 tonnes, up 30% compared with quarter two. [Details](#)