The Cotton Belt
(Brief info pack)

The Cotton Belt property has at least three mineralized horizons in the main claim block (Cottonbelt/Bass, Complex and Copper King) and one other horizon in the Cotton belt claim block which require additional exploration. These are thought to be “Broken Hill” type mineralized zones, with strong lateral continuity within the metasedimentary package.

The Copper King and Complex horizons were explored in the early days by underground methods, but have been ignored in more recent exploration, most of which has concentrated on the Cotton belt property itself.

The main claim block surrounds seven reverted crown-granted claims which was the historical Cottonbelt property, as shown in the claim sketch. These claims are surrounded by the New claims. The Copper King, MacLeod, and Complex showings lie within the property.

By far, the majority of the historical activity in the Mount Grace area has been focused on three mineralized zones in the central part of the Property. The mineralized zones are stratabound, hosted by north-northwest trending, shallow southwest dipping metasediments which, in turn, are tightly folded into the Mount Grace syncline. Historical exploration of all three zones has included numerous surface trenches and pits as well as shallow underground workings and core drilling.

The lead-zinc-silver Cotton Belt zone has received the greatest amount of attention to include four adits as well as inclined shafts at both the Bass and Victoria locations.
The Ken Outcrop may be a northern extension of the Cotton Belt zone. The McLeod zone is composed of similar mineralogy, but the intervening Copper King is characterized by chalcopyrite in one or more quartz veins. The McLeod zone occurs in the east limb of the Mount Grace syncline, while the Cotton Belt zone occurs in the same stratigraphy on the west limb of the fold structure.

The Mount Grace carbonatite has, by contrast, received very little attention for its rare earth elements [REEs] potential.

Unclassified reserves of the Cotton Belt zone are just less than 1 million tonnes grading 6 per cent lead, 2 per cent zinc and 50 grams per tonne silver (Canadian Institute of Mining and Metallurgy Bulletin, April 1982, page 119).

Resources are estimated at 725,000 tonnes grading 11 per cent combined lead and zinc (about 5 per cent lead and 6 per cent zinc) and 58.3 grams per tonne silver (Information Circular 1996-1, pages 23, 25)....

That’s just over 42 million ounces of contained silver.
Figure 10a: Geology map of the Copper King - Cotton Belt Property. The three stratigraphically parallel mineralized zones, the McLeod, Copper King, and Cotton Belt, are contained in the nearly symmetric stratigraphy of the Mount Grace syncline. Other historical localities associated with each of the McLeod and Cotton Belt zones are plotted. Locations of the named occurrences have been shifted by 100 m or more for clarity to accommodate the spatial inaccuracies of the 1987 map. The Ken Outcrop is thought to represent an extension of the Cotton Belt zone even though it is plotted in the hangingwall of the zone.
ONE OF THE NUMEROUS MINERALISED OPEN CUTS ON THE PROPERTY
Figure 4: Principal mineral occurrences on the Copper King – Cotton Belt Property. Three parallel mineralized zones are shown which have been the focus of nearly all historical work in the Mount Grace area. Dashed lines connecting the various named occurrences are for illustration only and do not necessarily imply continuity. Uncertainty in highlighted locations, especially for the Ken Outcrop, McLeod and Complex occurrences may be greater than 200 m. Source: some detail from Høy (1987)
MASSIVE GALENA AND SPHALERITE WITH MAGNETITE

MOUNT GRACE CARBONATITE

VICTORIA SHAFT DUMP
PROPERTY MAGNETICS WITH LOCATION OF SHOWINGS
The cotton Belt project is a developed deposit with excellent FURTHER discovery potential. Abundant geological information is available to interested parties. New data is confidential and a CA is required to view.

This property is offered for sale by way of working option to purchase. For further information please contact Craig Lynes:

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