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- v) Geoex Pty. Ltd. completed the aeromagnetics coverage of EL 1/62 in April, 1978. Geoex recovered the flight lines on 1:10,000 scale enlarged aerial photographs and presented the data on the current set of 1:10,000 scale plans.

Part of the area flown by Geoex was a joint project between E.Z. and Mt. Lyell and part was flown entirely for Mt. Lyell.

The available aeromagnetics data has been photo-reduced and plotted at 1:50,000 scale as an overlay to the photogeological interpretation plan produced by Loxton Hunting.

This magnetics compilation at 1:50,000 scale is included as Sheet A2-504-0095 of this report.

6.3. Photogeological Interpretation (Refer to Appendix II and 1:50,000 Geological Interpretation Plan JD-525-0003)

No detailed compilation or photogeological interpretation of EL 1/62 existed at the commencement of the Mt. Black Joint Venture.

R.F. Loxton, Hunting and Associates were contracted to produce a photogeological interpretation plan at 1:50,000 scale of the area between the Que and Henty Rivers. The final plan, included as Sheet JD-525-0003 of this report, was issued with a 19 page report (Boshier, 1978). The photogeologist, Mr. P. Boshier, had access to all geological maps available to E.Z. and consequently the photogeological interpretation is strongly based on previous factual mapping. Thus, in areas of existing access, the photogeological interpretation is substantially in agreement with previous mapping. In areas of no previous detailed geology, the interpretation is based solely on photo interpretation. Experience to date suggests that the photogeological interpretation has successfully identified the different rock type boundaries but in some areas a presumed broad scale joint set has been wrongly interpreted as dip slopes. e.g. Western section of the Mt. Sale area.

There can be no doubt that the photogeological interpretation provided a rapid compilation of pre-existing geological mapping and an interpretation of the inaccessible areas. The completion of this interpretation by a consultant without previous experience in the area provided new ideas although his interpretation may have been influenced