

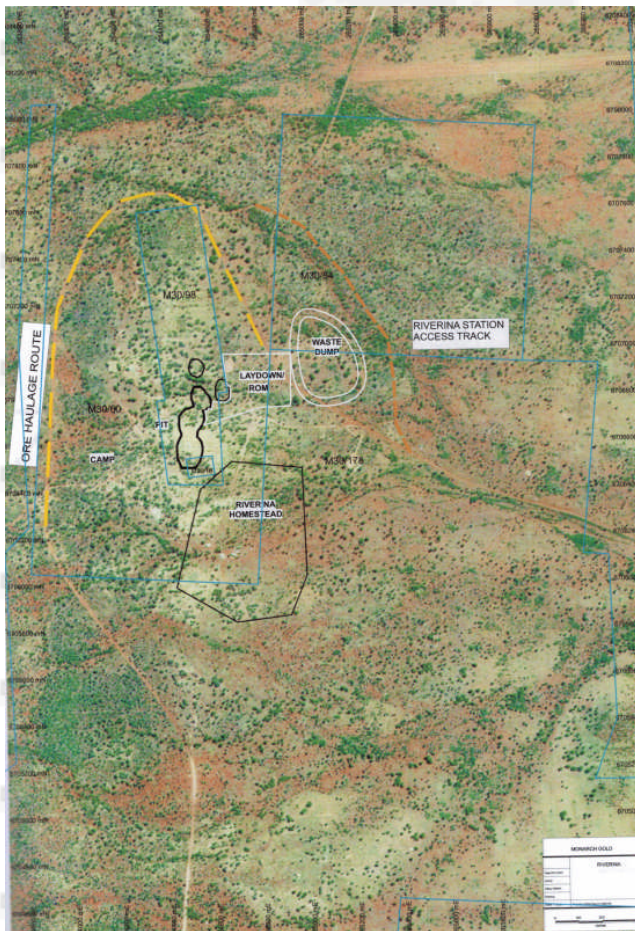


## PROJECTS

### HYDROGEOLOGY

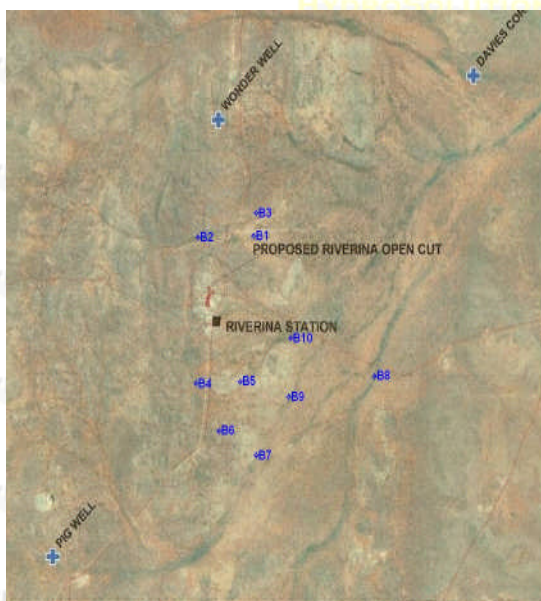
HydroSol Hydro36

#### Monarch Gold Mining Company Limited Hydrogeological review for sourcing alternative groundwater supply



A new open cast pit is proposed 40km north of the existing mining operations and close to a station homestead which currently obtains potable and domestic supplies from three local bores, for which replacement supplies will be needed.

Background geological and hydrogeological data was collated and reviewed, including palaeochannel occurrence and distribution. Topographical data was reviewed and existing bore data was collated, including aquifer formation, sustainable yield and water quality.



Prospective drilling targets were identified based on proximity, aquifer potential and existing quality. A site visit was undertaken to ground-truth and peg out prospective locations based on rig access. Targets were ranked from the highest to the lowest prospectivity.

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