

McLeans Grassland  
Park

Transpower Set Back

Plant

Proposed Quarry

All sprinkler zones can be moved  
as required.

Weigh Bridge & Site Office  
(To Remain)

Sealed haul road.

System Overview

- Design Flow: 1-5l/sec
- Available Water For Irrigation: 104m<sup>3</sup>/day
- Available Water For Dust Suppression: 100m<sup>3</sup>/day
- Allowable rate of Water Take: 6.2l/sec
- Maximum Application Rate: 3mm/hr
- Manual or Auto Control
- Auto Control: Refer Design Specification

Designed by: GB

Date: 13/05/2020

### Pipe key

- Proposed Mainline
- Proposed Bund Mainline

### Sprinkler / Valve key

- 40mm Quick Coupling Valve Assembly (Existing)
- 40mm Quick Coupling Valve Assembly
- Bore Water Supply - 5l/sec at 5 Bar - 100m<sup>3</sup>/day
- Monitoring Station
- Tanker Fill

### Proposed Irrigation Scheme

- Stock Water Supply - 1.2 l/sec To Storage - 104m<sup>3</sup>/day  
(New storage tanks and pump TBC)
- 100m K Line Zone - 1l/sec @ 4 Bar Nozzle Pressure
- Bund Irrigation Zone - 1l/sec @ 4 Bar Nozzle Pressure



**Concept Drawing Only  
Issued For Consent**

Scale: 1 : 5000 (A3)

File: SOL Quarries  
Dust Suppression Concept