

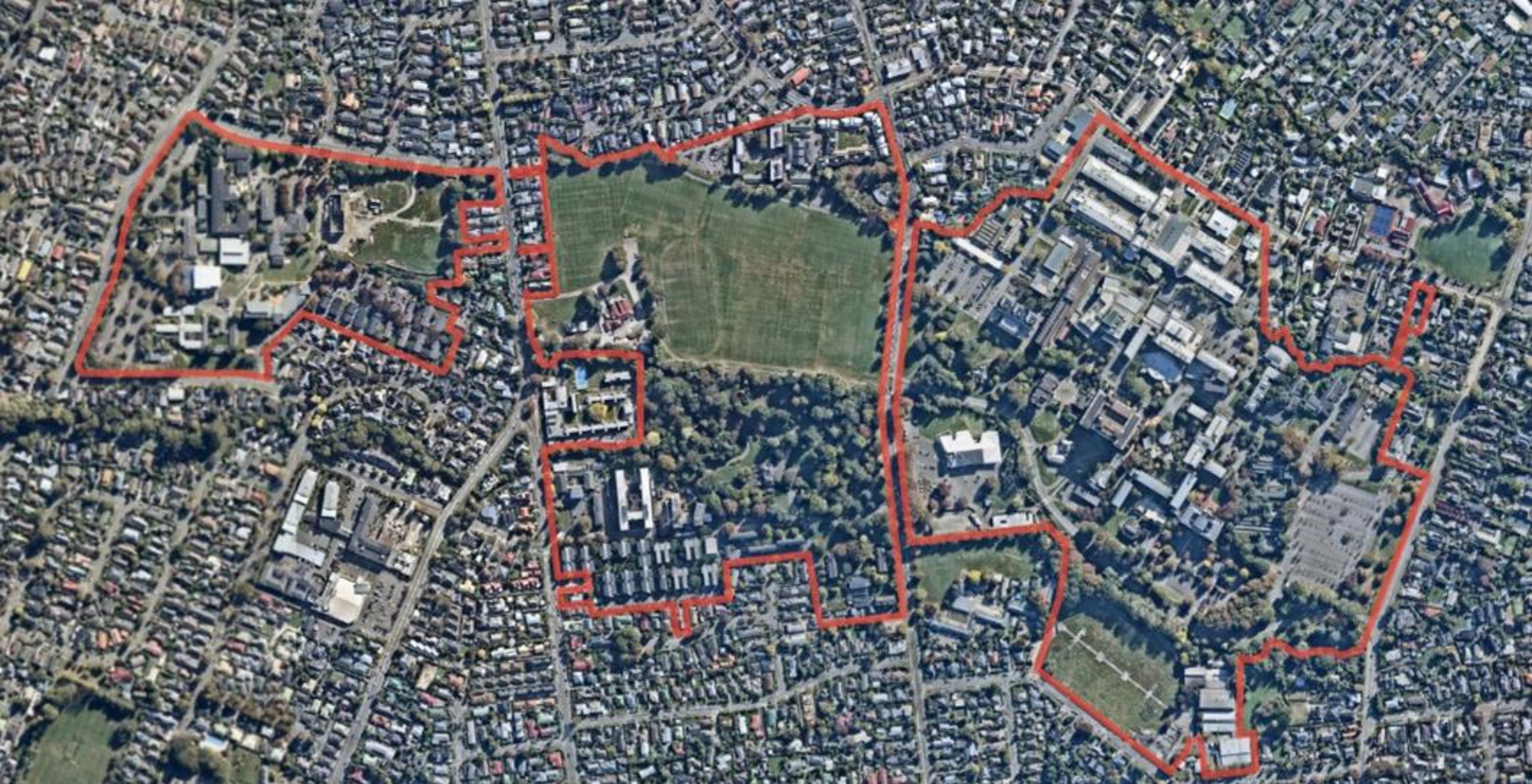
Don't Dig Yourself a Hole: Why Soil Reuse Frameworks Matter

Jack Hammond
Environmental Scientist
ENGEO

*Someone is sitting in the shade today because
someone planted a tree a long time ago
– Warren Buffet*



Global Consents: Where the Need for Planning Truly Shines



Stakeholder Engagement – An Important Step





The Problem.....

Word Count ? X

Statistics:

Pages	67
Words	18,359
Characters (no spaces)	106,717
Characters (with spaces)	124,491
Paragraphs	1,079
Lines	2,768

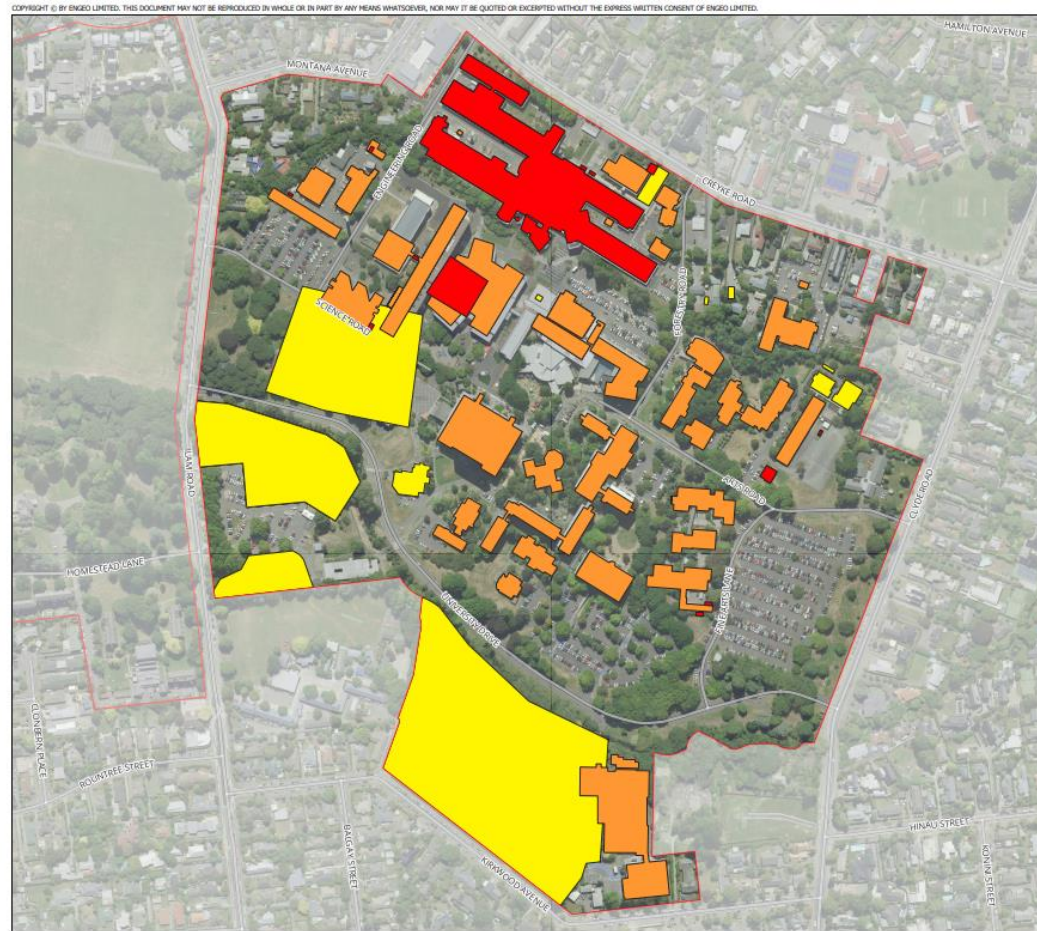
Include textboxes, footnotes and endnotes

Close

The Solution, GIS!



The product,
a management
framework for
future
development



Legend

Features

- Site Boundary
- Road Centrelines

HAIL Classification

- Class 1
- Class 2
- Class 3

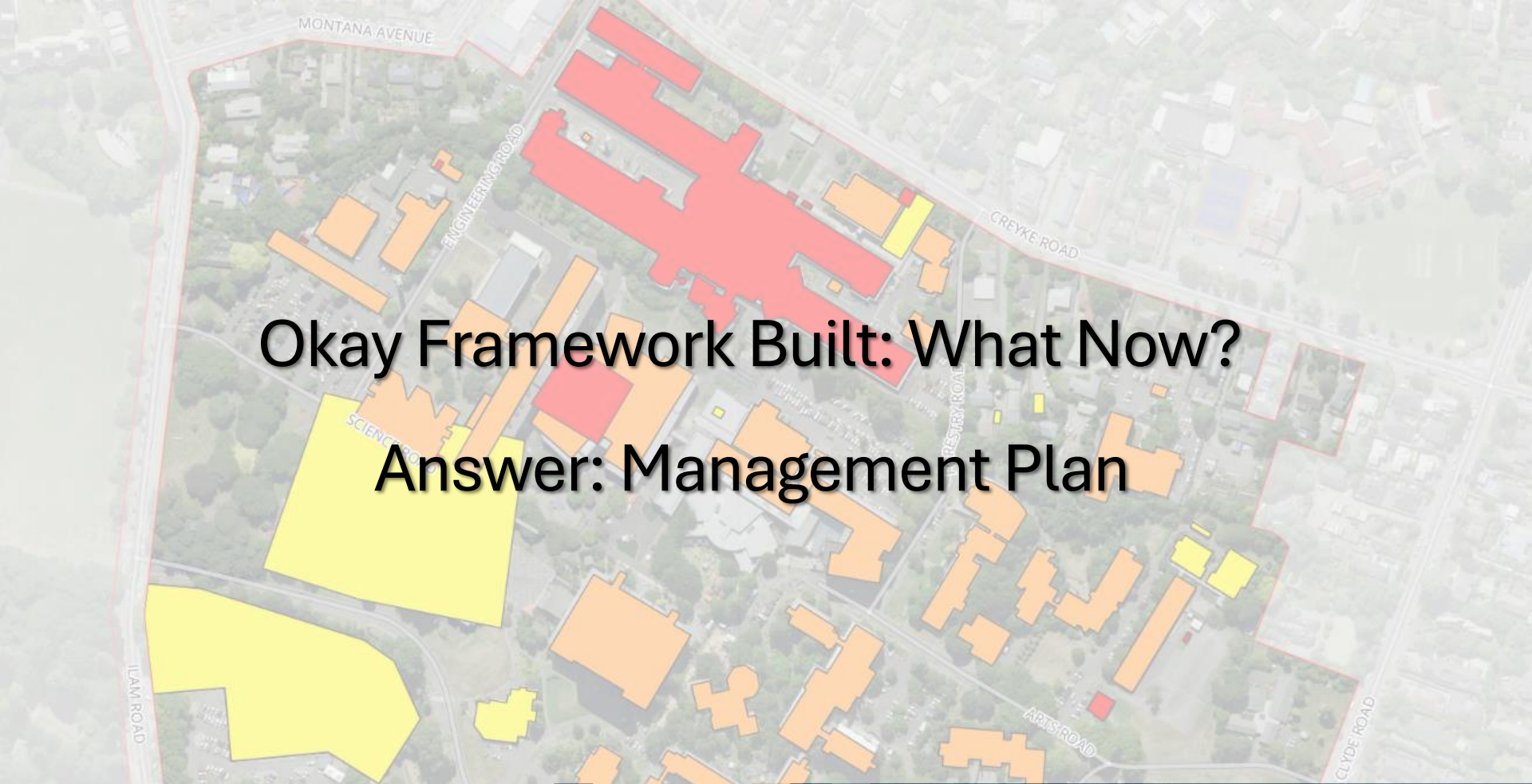
0 100 200 m

Notes:
1) Christchurch 0.075m Urban Aerial Photos (2023) sourced from LINZ data service - <https://data.linz.govt.nz/layer/115053-christchurch-0075m-urban-aerial-photos-2023/>

ENGEO
Projection: NZTM 2000NZGD2000 / New Zealand Transverse Mercator 2000

Client: University of Canterbury

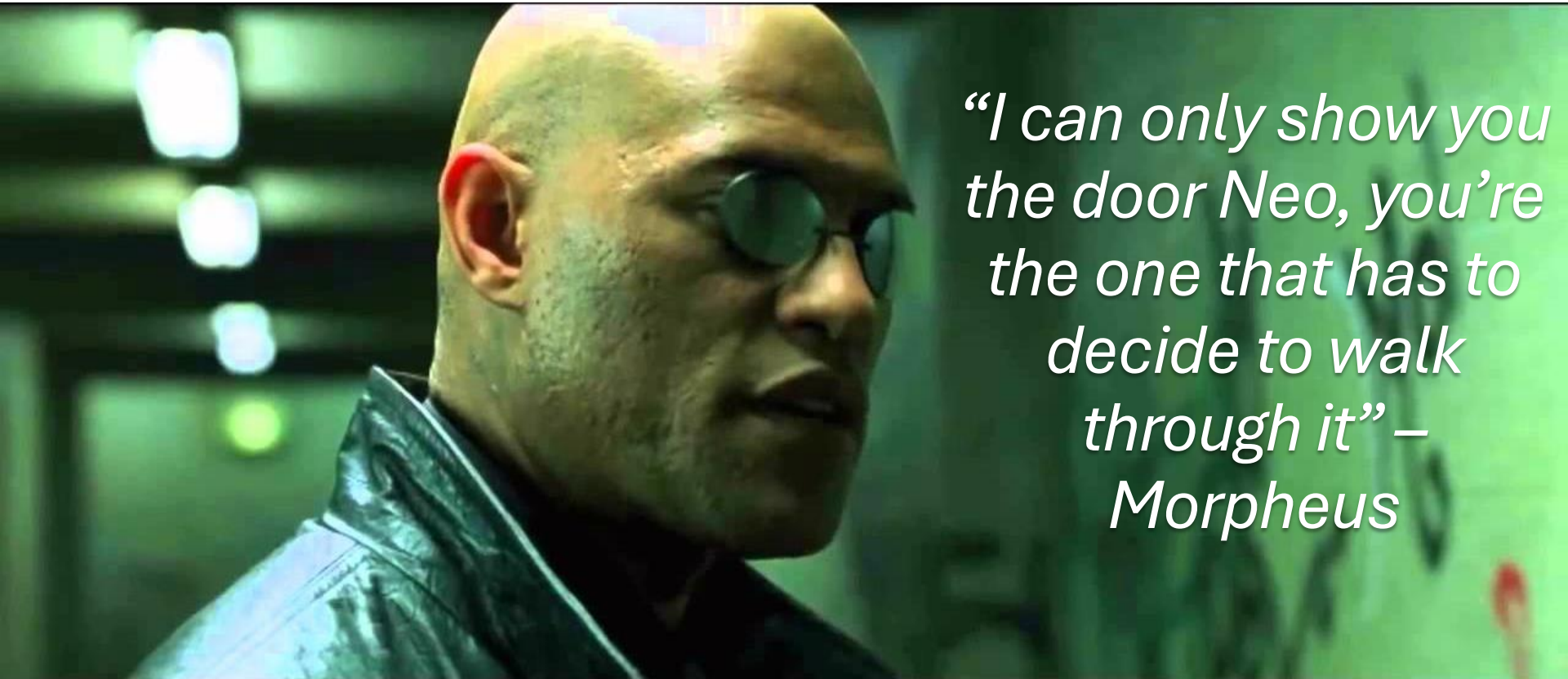
Title: Map 6 - Ilam Campus HAIL Classification Map		Appendix No. Size: A3 Sheet
Project: UC Global Consent	Drawn: DD	
Date: 21/10/2025	Checked: RG	
Proj No: 28959.000.001	Scale: 1:3,250 @ A3	Version: 1.0



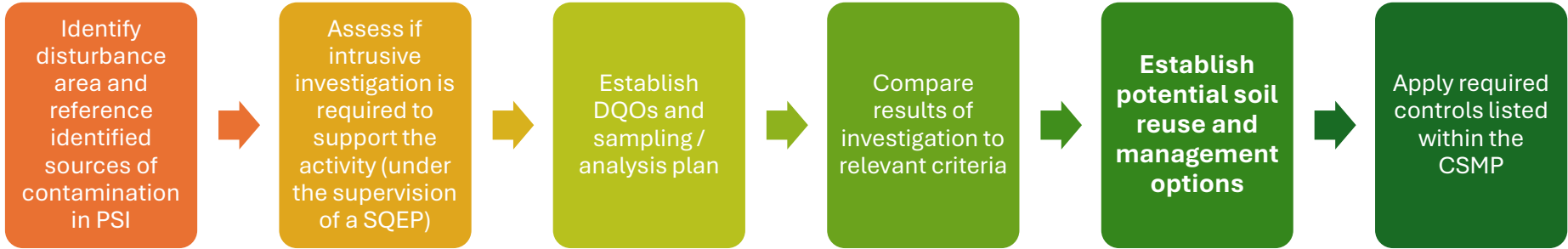
Okay Framework Built: What Now?

Answer: Management Plan





*“I can only show you the door Neo, you’re the one that has to decide to walk through it” –
Morpheus*



The step that has the most value...

The Main Takeaways!

- 1) Early engagement stakeholders = better decisions economically and societally for contaminated soils
- 2) Balancing forces between **legislative protection & development efficiency**
- 3) With enough foresight soil management frameworks can be integrated into project planning without slowing delivery.

