

## 1. INTRODUCTION

- Purpose of reporting
- Related construction drawings, reports, etc

## 2. SITE INVESTIGATION

- General- Investigation Report references
- Dates
- Topography - Pre-site development
- Geology - As summarised
- Subsurface Conditions - from Site Investigations
- Fill materials - Report

## 3. CHRONOLOGY OF CONSTRUCTION EVENTS

- Dates of principal activities - Location
- Contractors involved - Influence
- Stripping of topsoil - Constraints
- Removal of unsuitables
- Occurrences of wet weather
- Influence of continuity of earthworks
- Identification of unusual features
- Failures
- Additional investigations
- Silt traps, location and treatment
- Underfill drainage
- Holiday periods
- Springs, special drainage
- Service trenches
- Road subgrades
- Completion of bulk earthworks
- Respreading of topsoil
- Earthworks completion

## 4. EARTHWORKS EQUIPMENT USED ON SITE

## 5. CONSTRUCTION SUPERVISION AND CONTROL

- Frequency of supervision/site visits
- Summary of principal activities and engineering observation during construction
- Photographs
- Control testing
- Location and elevation
- History
- Frequency of testing - reasons
- Summary of control criteria Vs specification
- Class A fill
- Road subgrade
- Reserves
- Special engineering measures
- Springs, underfill drains, conduits, etc.
- Opinion

## 6. ROADING

- Cut or fill
- Comments, etc as for "Construction Supervision and Control"

## 7. UNCERTIFIED FILLS

- Location
- Extent
- Reason
- Effect

## 8. SERVICE TRENCHES

- Depth
- Backfilling
- Special Limitations

## 9. ORGANIC DEPOSITS

- Removal or other treatment, if any
- Location
- Influence
- Constraints

## 10. OPINION

- Natural Ground and Cut and Fill Areas
- Limitations - organic, founding depths, etc.
- Constraints and development timings
- Suitability for NZS 3604 construction
- Conclusions and Recommendations from Site Investigation Report as appropriate

## TABLES

\*Compaction Control Test Locations and Results.

## FIGURES

\*Summary of Compaction Control Test Results.

## APPENDICES

\*Field and Laboratory Tests Results  
 \*Full Specification  
 \*Compaction Control Tests Results  
 \*Photographs

## DRAWINGS

\*Site Plan showing borehole locations  
 -as built fill contours  
 -special engineering features (e.g. depth to rock or soft subsoil)  
 -test locations



DETAIL:

## CHECKLIST FOR GEOTECHNICAL COMPLETION REPORTING

Engineering  
Quality  
Standards

DETAIL No:

G4

MANUKAU CITY COUNCIL

UPDATED:

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