FORMAT FOR ACCREDITED CHECKER'S REPORT

(To be prepared by the Accredited Checker - Geotechnical Works)

TITLE PAGE

(Title Page of the Report should contain the following information)

Name of the Project:

Name of the Client:

Name and Address of the Submitting Engineer:

BEM Registration No. of the Submitting Engineer:

Approving Authority and its address:

Approved Building Plan Approval No.:

Date on which construction work is due to commence:

Name and Address of the Accredited Checker:

BEM Registration No. of the Accredited Checker:

Date of the Report:

CONTENTS PAGE

(The contents page should have the following information)

Contents

(c) Slope terrain classification with zoning of slopes.
(d) Subsurface Investigation (S.I.) results and subsoil profiles
(e) Assumptions, interpreted and design soil parameters.
(f) Slope stability analyses for both soil, rock slopes & designs including strengthening/ stabilisation with studies from both surface and subsurface drainage.
(g) Analyses and designs of retaining walls.
(h) Foundation designs for walls, bridges and culverts including assessment on negative skin friction and downdrag as well as settlement predictions.
(i) Ground treatment analyses & designs.
(j) Settlement analyses - including assessment on total and differential settlements due to the proposed fill & other loads.
(k) Analyses on influence of proposed development on the safety and serviceability of the adjacent properties.
(l) Instrumentations monitoring and validation tests.
(m) Construction control measures.
(n) Specifications and Drawings
(o) Supervision programme including number of full-time supervising staff, organisation chart, supervising staff's qualifications and experiences
(p) Long term maintenance programme for the slopes and retaining walls.

In addition, Accredited Checkers are expected to carry out Independent analyses and calculations for critical elements of geotechnical works at sensitive and critical areas such as:

(i) Stability analyses on few critical slopes.
(ii) Analyses and designs of foundation for areas with complicated conditions such as negative skin friction, rake piles, transition from deep foundation to shallow foundation, etc.
(iii) Retaining wall design including global, external and internal stability.

5. Discussion and Findings on the existing design

6. Conclusion

APPENDICES

(This section should contain all the drawings and independent design check calculations of the Accredited Checker)