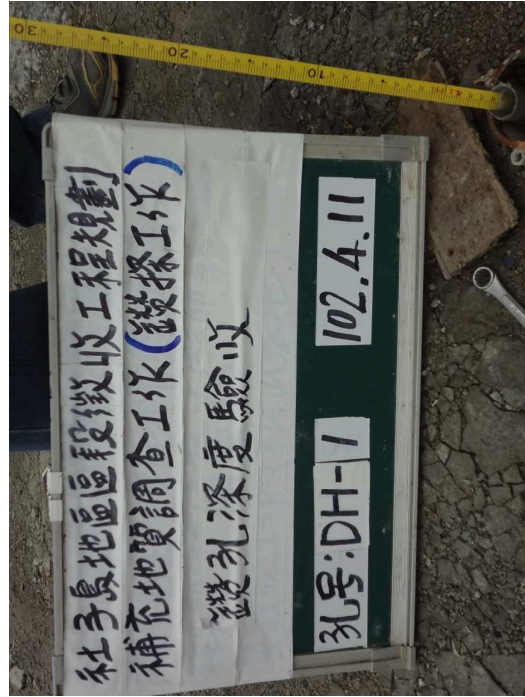


附錄十 鑽探及試驗報告

DH-1 鑽孔驗收照片



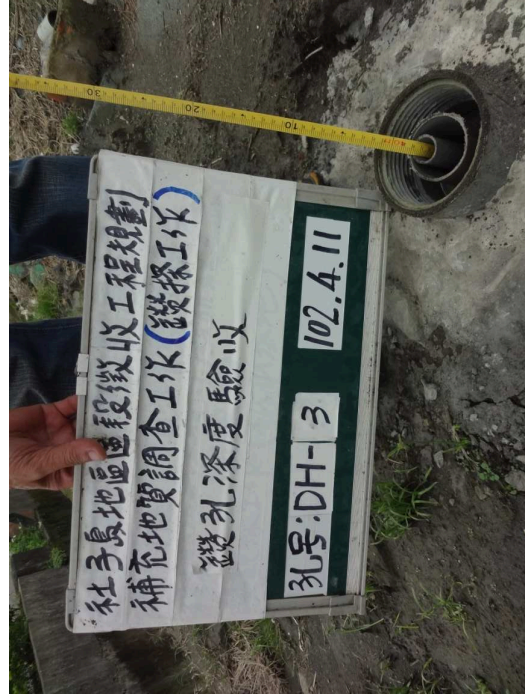
驗收深度：40.95m(皮尺讀數)+0.45m(鉛錘長度)=41.40m

驗收用皮尺底部連結 45 公分長之鉛錘，增加皮尺重量，以利皮尺沉入測深管底，量測鑽孔孔底至地表之正確高程，故實際孔深深度應為皮尺量得之讀數加上鉛錘之 45 公分，鉛錘長度驗收照片如下。



鉛錘長度為 0.45m

DH-3 鑽孔驗收照片



驗收深度：39.97m(皮尺讀數)+0.45m(鉛錘長度)=40.42m

DH-2 鑽孔驗收照片



驗收深度：39.8m(皮尺讀數)+0.45m(鉛錘長度)=40.25m

DH-5 鑽孔驗收照片



驗收深度：39.6m(皮尺讀數)+0.45m(鉛錘長度)=40.05m

DH-4 鑽孔驗收照片



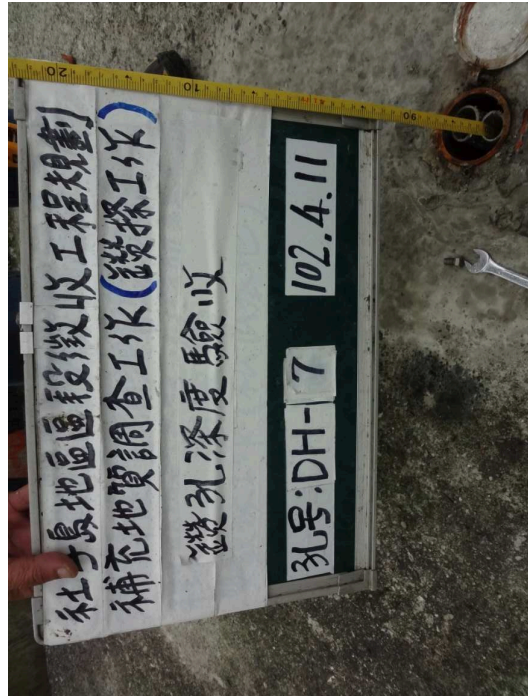
驗收深度：39.93m(皮尺讀數)+0.45m(鉛錘長度)=40.38m

DH-6 鑽孔驗收照片



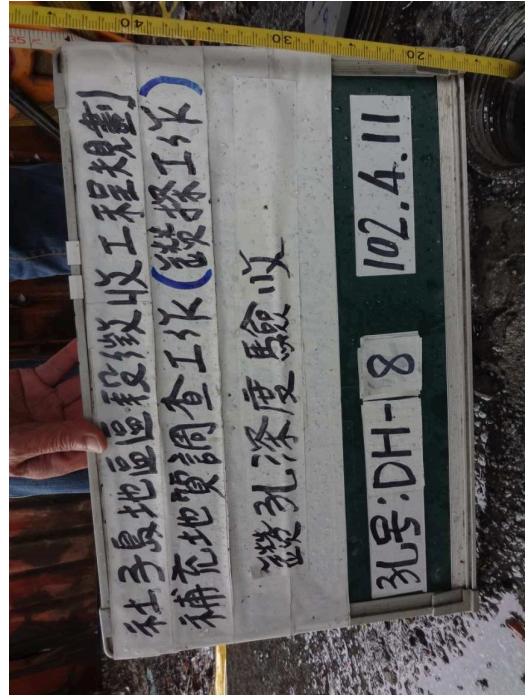
驗收深度：38.4m(皮尺讀數)+0.45m(鉛錘長度)=38.85m

DH-7 鑽孔驗收照片





驗收深度：40.8m(皮尺讀數)+0.45m(鉛錘長度)=41.25m

DH-8 鑽孔驗收照片




驗收深度：40.12m(皮尺讀數)+0.45m(鉛錘長度)=40.57m


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---|----------|----------|-----------------------------|-------------------|----------|---------------------------|-------------------------------|--|--------------|------|------|------|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | Ground EL.: +1.74m | | | Date: 03/28/13 - 03/29/13 | |  MOH AND ASSOCIATES Consulting Engineers 亞新工程顧問公司 | | | | | | | | | | |
| Hole No.: DH-1 | | Location: 8段157巷18號 2777457 : 298612 | | | G.W.L.: 1.10m (03/28/13) | | | Sheet No.: 1 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 0.3 | S-0 | 2 | 5 | 3 | | | | | 回填層:粉質細砂;含混凝土塊、磚塊;卵礫石;礫石:(SF) | | | | | | | | | | | |
| 2 | S-1 | 2 | 2 | 2 | | | | | 粉質細砂;棕黃色;疏鬆至中等緊密程度:(SM) | | | | | | | | | | | |
| 4 | S-2 | 3 | 4 | 4 | | | | | | 0 | 81 | 14 | 5 | SM | 1.96 | 23.7 | 2.70 | - | NP | |
| 6 | S-3 | 3 | 4 | 5 | | | | | | | | | | | | | | | | |
| 8 | S-4 | 3 | 4 | 6 | | | | | | 3 | 81 | 11 | 5 | SM | 1.90 | 25.9 | 2.70 | - | NP | |
| 9.0 | S-5 | 3 | 3 | 4 | | | | | | | | | | | | | | | | |
| 10 | S-6 | 3 | 4 | 4 | | | | | 粉質粗中細砂;灰色;疏鬆程度:(SM) | | | | | | | | | | | |
| 12 | S-7 | 3 | 4 | 4 | | | | | | 0 | 85 | 11 | 4 | SM | 1.98 | 22.8 | 2.72 | - | NP | |
| 13.7 | S-8 | 3 | 3 | 5 | | | | | | | | | | | | | | | | |
| 14 | T-1 | | | | | | | | | | | | | | | | | | | |
| | T-2 | | | | | | | | 粉質中細砂;灰色;夾礫石、粉質 | | | | | | | | | | | |

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|------------------------------------|----------|----------|--------------------------|-------------------|----------|---------------------------|----------------------------|---|--------------|------|------|------|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | Ground EL.: +1.74m | | | Date: 03/28/13 - 03/29/13 | |  | | | | | | | | | | |
| Hole No.: DH-1 | | Location: 8段157巷18臨 2777457;298612 | | | G.W.L.: 1.10m (03/28/13) | | | Sheet No.: 2 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 17 | T-3 S-9 | 3 | 4 | 5 | | | | | 粘土: 疏鬆至中等緊密程度; (SM) | | | | | | | | | | | |
| 19 | S-10 | 3 | 6 | 9 | | | | | | | | | | | | | | | | |
| 21 | T-4 S-12 | 5 | 8 | 12 | | | | | | 0 87 9 4 SM 2.00 27.6 2.71 - NP 0 81 14 5 SM 1.91 28.7 2.73 - NP | | | | | | | | | | |
| 23 | S-13 | 10 | 9 | 13 | | | | | | | | | | | | | | | | |
| 25 | S-14 | 4 | 9 | 13 | | | | | 24.3 m | 0 77 16 7 SM 1.89 21.8 2.70 - NP | | | | | | | | | | |
| 27 | S-15 | 2 | 2 | 4 | | | | | 粉質粘土: 灰色; 具軟弱至中等堅實稠度; (CL) | 0 10 52 38 CL 1.92 30.7 2.72 42.1 18.9 | | | | | | | | | | |
| 27 | S-16 | 2 | 3 | 3 | | | | | | | | | | | | | | | | |
| 29 | S-17 | 2 | 2 | 4 | | | | | | | | | | | | | | | | |
| 29 | S-18 | 1 | 2 | 3 | | | | | | | | | | | | | | | | |


C-2

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|------------------------------------|----------|----------|--------------------------|-------------------|----------|---------------------------|---------------------------------|---|--------------|------|------|------|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | Ground EL.: +1.74m | | | Date: 03/28/13 - 03/29/13 | |  | | | | | | | | | | |
| Hole No.: DH-1 | | Location: 8段157巷18臨 2777457;298612 | | | G.W.L.: 1.10m (03/28/13) | | | Sheet No.: 3 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 32 | S-19 | 2 | 2 | 2 | | | | | 33.0 m | 0 10 49 41 CL 1.81 34.8 2.74 41.0 17.4 | | | | | | | | | | |
| 34 | S-20 | 2 | 3 | 3 | | | | | | | | | | | | | | | | |
| 34 | S-21 | 2 | 2 | 3 | | | | | 粉質粘土: 灰色; 夾細砂; 具中等堅實至堅實稠度; (CL) | 0 14 49 37 CL 1.88 34.6 2.73 37.6 15.6 | | | | | | | | | | |
| 36 | S-22 | 2 | 2 | 4 | | | | | | | | | | | | | | | | |
| 38 | S-23 | 2 | 3 | 3 | | | | | | | | | | | | | | | | |
| 40 | S-24 | 2 | 3 | 4 | | | | | | | | | | | | | | | | |
| 40 | S-25 | 3 | 4 | 4 | | | | | 40.0 m | 0 12 53 35 CL 1.87 35.2 2.74 40.0 17.2 | | | | | | | | | | |
| 42 | | | | | | | | | End of Boring | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |


C-3

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|------------------------------------|----------|----------|----------|-------------------------|----------|---------------------------|-----|---|--------------|------|------|------|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | Ground EL.: +2.54m | | Date: 03/21/13 - 03/22/13 | |  | | | | | | | | | | |
| Hole No.: DH-2 | | Location: 7段176巷90臨 2777311;299493 | | | | G.W.L.: 1.8m (03/21/13) | | Sheet No.: 1 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 2 | S-1 | 2 | 2 | 2 | | | | | | 回填層;粉質粘土;棕黃色至灰色 ;含磚塊;礫石;腐木;磁磚;有機 物;(SF) | | | | | | | | | | |
| 4 | S-2 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 4 | S-0 | 3 | 3 | 2 | | | | | | 4.8 m | | | | | | | | | | |
| 6 | S-3 | 3 | 3 | 5 | | | | | | 粉質細砂;灰色;疏鬆程度;(SM) | | | | | | | | | | |
| 8 | S-4 | 2 | 3 | 4 | | | | | | 8.4 m | | | | | | | | | | |
| 8 | S-5 | 3 | 2 | 3 | | | | | | 粉質中細砂;灰色;疏鬆程度; (SM) | 0 | 86 | 10 | 4 | SM | 1.93 | 23.5 | 2.74 | - | NP |
| 10 | S-6 | 4 | 5 | 7 | | | | | | 10.1 m | 0 | 88 | 9 | 3 | SW-SM | 2.04 | 19.9 | 2.70 | - | NP |
| 12 | S-7 | 2 | 4 | 5 | | | | | | 粉質細砂;灰色;夾砂質粉土; 疏鬆至中等緊密程度;(SM) | | | | | | | | | | |
| 14 | S-8 | 4 | 4 | 6 | | | | | | | | | | | | | | | | |
| 14 | S-9 | 3 | 2 | 4 | | | | | | | 0 | 80 | 16 | 4 | SM | 1.85 | 31.5 | 2.71 | - | NP |


C-4

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|------------------------------------|----------|----------|----------|-------------------------|----------|---------------------------|-----|---|--------------|------|------|------|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | Ground EL.: +2.54m | | Date: 03/21/13 - 03/22/13 | |  | | | | | | | | | | |
| Hole No.: DH-2 | | Location: 7段176巷90臨 2777311;299493 | | | | G.W.L.: 1.8m (03/21/13) | | Sheet No.: 2 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 17 | S-10 | 4 | 5 | 5 | | | | | | 17.3 m | | | | | | | | | | |
| 17 | S-11 | 4 | 3 | 5 | | | | | | 粉質細砂;灰色;疏鬆程度;(SM) | 0 | 67 | 22 | 11 | SM | 1.83 | 28.5 | 2.72 | - | NP |
| 19 | S-12 | 1 | 3 | 4 | | | | | | | | | | | | | | | | |
| 21 | S-13 | 3 | 4 | 5 | | | | | | | 0 | 74 | 18 | 8 | SM | 1.88 | 27.9 | 2.73 | - | NP |
| 23 | S-14 | 3 | 4 | 4 | | | | | | | | | | | | | | | | |
| 23 | S-15 | 4 | 4 | 6 | | | | | | 24.4 m | | | | | | | | | | |
| 25 | T-1 | | | | | | | | | 粉質粘土;灰色;具軟弱至堅實稠 度;(CL) | 0 | 4 | 51 | 45 | CL | 1.81 | 39.4 | 2.73 | 40.5 | 18.0 |
| 25 | S-16 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| 27 | S-17 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| 27 | S-18 | 2 | 3 | 2 | | | | | | | | | | | | | | | | |
| 29 | S-19 | 3 | 4 | 3 | | | | | | | 0 | 21 | 52 | 27 | CL | 1.89 | 28.5 | 2.73 | 33.8 | 14.6 |

C-5


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---------------------------------------|----------|----------|----------|----------------------------|----------|-------------------|-------------------------|--------------------|--------------|---------------------------|------|--|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +2.54m | | Date: 03/21/13 - 03/22/13 | |  MOH AND ASSOCIATES Consulting Engineers 亞新工程顧問公司 | | | | | | |
| Hole No.: DH-2 | | Location: 7段176巷90號 2777311;299493 | | | | G.W.L.: 1.8m (03/21/13) | | Sheet No.: 3 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 32 | S-20 | 3 | 3 | 4 | | | | | | 32.1 m | | | | | | | | | | |
| 34 | S-21 | 4 | 5 | 9 | | | | | 粉質細砂;灰色;中等緊密程度; (SM) | 0 | 76 | 17 | 7 | SM | 1.93 | 25.0 | 2.72 | - | NP | |
| 36 | S-22 | 4 | 7 | 7 | | | | | | | | | | | | | | | | |
| 38 | S-23 | 4 | 6 | 7 | | | | | | | | | | | | | | | | |
| 38 | S-O | 2 | 6 | 7 | | | | | | | | | | | | | | | | |
| 40 | S-24 | 7 | 8 | 11 | | | | | | | | | | | | | | | | |
| 40 | S-25 | 7 | 9 | 11 | | | | | | 40.5 m | 0 | 78 | 19 | 3 | SM | 1.88 | 24.7 | 2.70 | - | NP |
| 42 | | | | | | | | | End of Boring | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |

C-6


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|--|----------|----------|----------|-----------------------------|----------|-------------------|-----------------------------------|--------------------|--------------|---------------------------|------|--|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +2.09m | | Date: 03/20/13 - 03/21/13 | |  MOH AND ASSOCIATES Consulting Engineers 亞新工程顧問公司 | | | | | | |
| Hole No.: DH-3 | | Location: 8段2巷151弄83 2777834;298552 | | | | G.W.L.: 1.50m (03/21/13) | | Sheet No.: 1 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 2 | S-1 | 1 | 2 | 2 | | | | | 回填層:粉質粘土夾粉土;含磚塊 :(SF) | 1.0 m | | | | | | | | | | |
| 4 | S-2 | 1 | 1 | 2 | | | | | 粉質粘土;棕黃色;夾砂質粉土; 具軟弱程度; (CL) | 0 | 35 | 56 | 9 | ML | 1.91 | 28.6 | 2.71 | - | NP | |
| 6 | S-3 | 2 | 2 | 2 | | | | | | 5.5 m | 0 | 9 | 67 | 24 | CL | 1.88 | 30.7 | 2.69 | 36.0 | 11.7 |
| 8 | S-4 | 2 | 3 | 3 | | | | | 粉質細砂;灰色;疏鬆至中等緊密 程度(SM) | | | | | | | | | | | |
| 10 | S-5 | 2 | 3 | 4 | | | | | | | | | | | | | | | | |
| 12 | S-6 | 4 | 5 | 8 | | | | | | 10.5 m | 0 | 77 | 17 | 6 | SM | 1.78 | 21.3 | 2.71 | - | NP |
| 14 | S-7 | 4 | 6 | 9 | | | | | | | | | | | | | | | | |
| 14 | S-8 | 4 | 7 | 9 | | | | | 粉質粗中細砂;灰色;中等緊密程 度:(SM) | | | | | | | | | | | |
| 14 | S-9 | 5 | 7 | 10 | | | | | | | | | | | | | | | | |
| 14 | S-10 | 5 | 8 | 10 | | | | | | | 0 | 94 | 3 | 3 | SP-SM | 1.98 | 18.2 | 2.67 | - | NP |


C-7

C-8


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---------------------------------------|----------|----------|----------|--------------------------|----------|-------------------|-----|---------------------------|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +2.09m | | Date: 03/20/13 - 03/21/13 | |  | | | | | | |
| Hole No.: DH-3 | | Location: 8段2巷151弄83 2777834 ; 298552 | | | | G.W.L.: 1.50m (03/21/13) | | Sheet No.: 2 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| | S-11 | 5 | 8 | 9 | | | | | | 16.8 m | | | | | | | | | | |
| 17 | S-12 | 5 | 7 | 10 | | | | | | 粉質細砂; 灰色; 中等緊密程度; (SM) | 0 | 94 | 4 | 2 | SP-SM | 1.94 | 25.2 | 2.70 | - | NP |
| 19 | S-13 | 5 | 8 | 10 | | | | | | | | | | | | | | | | |
| 21 | S-14 | 8 | 6 | 7 | | | | | | | | | | | | | | | | |
| 23 | S-15 | 5 | 7 | 8 | | | | | | | | | | | | | | | | |
| 25 | S-16 | 6 | 8 | 8 | | | | | | | | | | | | | | | | |
| 27 | S-17 | 7 | 10 | 12 | | | | | | | 0 | 80 | 14 | 6 | SM | 2.03 | 19.1 | 2.71 | - | NP |
| 27 | S-18 | 7 | 11 | 12 | | | | | | | | | | | | | | | | |
| 29 | S-19 | 8 | 11 | 14 | | | | | | | | | | | | | | | | |
| 29 | S-20 | 8 | 13 | 16 | | | | | | | 0 | 64 | 26 | 10 | SM | 1.80 | 26.1 | 2.71 | - | NP |

C-9


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---------------------------------------|----------|----------|----------|--------------------------|----------|-------------------|-----|---------------------------------------|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +2.09m | | Date: 03/20/13 - 03/21/13 | |  | | | | | | |
| Hole No.: DH-3 | | Location: 8段2巷151弄83 2777834 ; 298552 | | | | G.W.L.: 1.50m (03/21/13) | | Sheet No.: 3 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| | S-21 | 8 | 9 | 9 | | | | | | 31.6 m | | | | | | | | | | |
| 32 | T-1 | | | | | | | | | 粉質粘土; 灰色; 夾細砂、粉土; 具中等堅實至堅實稠度; (CL) | 0 | 12 | 45 | 43 | CL | 1.82 | 39.8 | 2.72 | 40.4 | 18.7 |
| 34 | S-22 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| 34 | S-23 | 2 | 3 | 4 | | | | | | | | | | | | | | | | |
| 36 | S-24 | 2 | 4 | 4 | | | | | | | 0 | 34 | 37 | 29 | CL | 1.89 | 32.2 | 2.72 | 35.5 | 16.0 |
| 38 | S-25 | 2 | 3 | 5 | | | | | | | | | | | | | | | | |
| 40 | S-26 | 3 | 4 | 5 | | | | | | | | | | | | | | | | |
| 40 | S-27 | 3 | 4 | 4 | | | | | | 40.0 m | 0 | 18 | 52 | 30 | CL | 1.87 | 34.4 | 2.73 | 40.3 | 17.5 |
| 42 | | | | | | | | | | ↑ End of Boring | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---|----------|----------|----------|-----------------------------|----------|-------------------|-----|-----------------------------------|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.91m | | Date: 03/29/13 - 03/30/13 | |  | | | | | | |
| Hole No.: DH-4 | | Location: 7段106巷327弄5 2777706;299850 | | | | G.W.L.: 1.60m (03/30/13) | | Sheet No.: 1 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 2 | S-1 | 1 | 1 | 2 | | | | | | 回填層:粉質粘土;棕灰色;含磚塊 ;卵石;混凝土塊;(SF) | | | | | | | | | | |
| | | | | | | | | | | 2.6 m | | | | | | | | | | |
| 4 | S-2 | 1 | 2 | 2 | | | | | | 粉質粘土;棕色;夾砂質粉土;具極 軟弱至軟弱稠度;(CL) | | | | | | | | | | |
| | | | | | | | | | | 5.2 m | 0 | 30 | 58 | 12 | ML | 1.77 | 38.7 | 2.70 | - | NP |
| 6 | S-3 | 0.5 | 0.5 | 1 | | | | | | 粉質細砂;灰色;疏鬆程度;(SM) | 0 | 80 | 16 | 4 | SM | 1.98 | 30.0 | 2.70 | - | NP |
| | | | | | | | | | | 7.7 m | | | | | | | | | | |
| 8 | S-4 | 2 | 3 | 5 | | | | | | 粉質中細砂;灰色;極疏鬆程度; (SM) | 0 | 90 | 8 | 2 | SP-SM | 1.63 | 23.9 | 2.71 | - | NP |
| | | | | | | | | | | 9.2 m | 0 | 92 | 5 | 3 | SP-SM | 1.92 | 25.1 | 2.72 | - | NP |
| 10 | T-1 | | | | | | | | | 粉質中細砂;灰色;極疏鬆程度; (SM) | | | | | | | | | | |
| | | | | | | | | | | 10.3 m | | | | | | | | | | |
| 12 | S-5 | 3 | 2 | 2 | | | | | | 粉質粘土;灰色;具極軟弱稠度; (SM) | | | | | | | | | | |
| | | | | | | | | | | 粉質中細砂;灰色;疏鬆至中等緊 密程度;(SM) | | | | | | | | | | |
| 14 | S-6 | 3 | 2 | 2 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 14 | S-7 | 1 | 1 | 3 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 14 | S-8 | 4 | 6 | 6 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 14 | S-9 | 3 | 4 | 5 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 14 | S-10 | 4 | 4 | 6 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |


C-10

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---|----------|----------|----------|-----------------------------|----------|-------------------|-----|-----------------------------------|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.91m | | Date: 03/29/13 - 03/30/13 | |  | | | | | | |
| Hole No.: DH-4 | | Location: 7段106巷327弄5 2777706;299850 | | | | G.W.L.: 1.60m (03/30/13) | | Sheet No.: 2 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 17 | S-11 | 4 | 4 | 7 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 19 | S-12 | 5 | 6 | 6 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 19.3 m | | | | | | | | | | |
| 21 | S-13 | 5 | 5 | 2 | | | | | | 粉質粘土;灰色;夾砂質粉土;具中 等堅實至堅實稠度;(CL) | 0 | 27 | 49 | 24 | ML | 1.91 | 28.4 | 2.72 | - | NP |
| | | | | | | | | | | | | | | | | | | | | |
| 23 | S-14 | 2 | 4 | 6 | | | | | | | 0 | 20 | 47 | 33 | CL | 1.90 | 31.5 | 2.73 | 39.0 | 16.1 |
| | | | | | | | | | | | | | | | | | | | | |
| 25 | S-15 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 27 | S-16 | 2 | 3 | 5 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 27 | S-17 | 3 | 3 | 4 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 27 | S-18 | 2 | 3 | 3 | | | | | | | 0 | 22 | 46 | 32 | CL | 1.90 | 29.6 | 2.72 | 37.5 | 16.9 |
| | | | | | | | | | | | | | | | | | | | | |
| 29 | S-19 | 2 | 3 | 3 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 29 | S-20 | 2 | 3 | 2 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |


C-11

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---|----------|----------|-----------------------------|-------------------|---------------------------|------|---|---------------|--------------|------|------|------|-----------------------------|--------------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | Ground EL.: +1.91m | | Date: 03/29/13 - 03/30/13 | |  | | | | | | | | | | | |
| Hole No.: DH-4 | | Location: 7段106巷327弄5 2777706 ; 299850 | | | G.W.L.: 1.60m (03/30/13) | | Sheet No.: 3 of 3 | | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | γ_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 32 | S-21 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| | S-22 | 2 | 2 | 3 | | | | | | | 0 | 21 | 49 | 30 | CL | 1.95 | 28.2 | 2.72 | 31.6 | 12.3 |
| 34 | S-23 | 2 | 3 | 3 | | | | | | | | | | | | | | | | |
| 36 | S-24 | 2 | 3 | 5 | | | | | | | | | | | | | | | | |
| 38 | S-25 | 2 | 3 | 4 | | | | | | | | | | | | | | | | |
| 38 | S-26 | 4 | 5 | 9 | | | | | | 38.7 m | 0 | 46 | 41 | 13 | ML | 2.03 | 25.6 | 2.71 | - | NP |
| 40 | S-0 | 4 | 5 | 7 | | | | | | 39.5 m | | | | | | | | | | |
| 42 | | | | | | | | | | 40.5 m | | | | | | | | | | |
| 44 | | | | | | | | | | End of Boring | | | | | | | | | | |


C-12

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|--|----------|----------|----------------------------|-------------------|---------------------------|------|---|-------------|--------------|------|------|------|-----------------------------|--------------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | Ground EL.: +1.62m | | Date: 03/18/13 - 03/20/13 | |  | | | | | | | | | | | |
| Hole No.: DH-5 | | Location: 8段2巷56弄30號 2777618 ; 299353 | | | G.W.L.: 1.7m (03/20/13) | | Sheet No.: 1 of 3 | | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | γ_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 2 | S-0 | 1 | 1 | 1 | | | | | | 1.8 m | | | | | | | | | | |
| | S-1 | 2 | 2 | 1 | | | | | | 3.5 m | 0 | 8 | 47 | 45 | CL | 1.92 | 31.8 | 2.70 | 40.0 | 16.7 |
| 4 | S-2 | 3 | 1 | 3 | | | | | | | | | | | | | | | | |
| 6 | S-3 | 3 | 3 | 3 | | | | | | | 0 | 89 | 8 | 3 | SP-SM | 1.96 | 27.3 | 2.71 | - | NP |
| 8 | S-4 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| | S-5 | 3 | 4 | 5 | | | | | | | 0 | 80 | 16 | 4 | SM | 1.92 | 28.6 | 2.70 | - | NP |
| 10 | S-6 | 2 | 3 | 5 | | | | | | 10.5 m | | | | | | | | | | |
| 12 | S-7 | 5 | 6 | 8 | | | | | | | | | | | | | | | | |
| | S-8 | 6 | 5 | 7 | | | | | | | 0 | 88 | 8 | 4 | SW-SM | 2.03 | 23.6 | 2.70 | - | NP |
| 14 | S-9 | 6 | 7 | 7 | | | | | | | | | | | | | | | | |

C-13


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|----------|--|----------|----------|-------------------|----------------------------|------|-------------------|--------------------------------------|--------------|---------------------------|------|--|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.62m | | Date: 03/18/13 - 03/20/13 | |  MOH AND ASSOCIATES Consulting Engineers 亞新工程顧問公司 | | | | | | |
| Hole No.: DH-5 | | | Location: 8段2巷56弄30號 2777618 ; 299353 | | | | G.W.L.: 1.7m (03/20/13) | | Sheet No.: 2 of 3 | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| | S-10 | 1 | 1 | 2 | | | | | | 16.3 m | | | | | | | | | | |
| 17 | T-1 | | | | | | | | | 粉質粘土; 灰色; 夾粉質細砂、砂質粉土; 具軟弱至堅實稠度; (CL) | 0 | 1 | 54 | 45 | - | 1.85 | 37.6 | 2.72 | - | - |
| | S-11 | 1 | 1 | 2 | | | | | | | | | | | | | | | | |
| 19 | S-12 | 0.5 | 0.5 | 2 | | | | | | 20.0 m | 0 | 40 | 41 | 19 | ML | 1.84 | 33.9 | 2.73 | - | NP |
| 21 | S-13 | 3 | 5 | 4 | | | | | | 粉質細砂; 灰色; 中等緊密程度; (SM) | | | | | | | | | | |
| | S-14 | 5 | 5 | 4 | | | | | | | 0 | 72 | 20 | 8 | SM | 1.89 | 28.8 | 2.70 | - | NP |
| 23 | S-15 | 5 | 3 | 9 | | | | | | 24.3 m | | | | | | | | | | |
| 25 | S-16 | 2 | 3 | 5 | | | | | | 粉質粘土; 灰色; 具軟弱至中等堅實稠度; (CL) | 0 | 8 | 48 | 44 | - | 1.84 | 33.1 | 2.74 | - | - |
| 27 | S-17 | 2 | 2 | 1 | | | | | | | | | | | | | | | | |
| | S-18 | 2 | 2 | 2 | | | | | | | 0 | 15 | 45 | 40 | CL | 1.82 | 35.6 | 2.73 | 37.7 | 16.5 |
| 29 | S-19 | 3 | 3 | 3 | | | | | | | | | | | | | | | | |

C-14

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|----------|--|----------|----------|-------------------|----------------------------|------|-------------------|------------------------|--------------|---------------------------|------|--|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.62m | | Date: 03/18/13 - 03/20/13 | |  MOH AND ASSOCIATES Consulting Engineers 亞新工程顧問公司 | | | | | | |
| Hole No.: DH-5 | | | Location: 8段2巷56弄30號 2777618 ; 299353 | | | | G.W.L.: 1.7m (03/20/13) | | Sheet No.: 3 of 3 | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_t t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 32 | S-20 | 3 | 3 | 4 | | | | | | 32.3 m | | | | | | | | | | |
| | S-21 | 5 | 6 | 7 | | | | | | 粉質細砂; 灰色; 中等緊密程度; (SM) | | | | | | | | | | |
| 34 | S-22 | 5 | 6 | 8 | | | | | | | | | | | | | | | | |
| 36 | S-23 | 5 | 7 | 8 | | | | | | | 0 | 64 | 22 | 14 | SM | 2.06 | 28.2 | 2.71 | - | NP |
| | S-24 | 5 | 8 | 10 | | | | | | | | | | | | | | | | |
| 38 | S-25 | 3 | 4 | 7 | | | | | | 38.3 m | | | | | | | | | | |
| | S-26 | 4 | 4 | 6 | | | | | | 粉質粘土; 灰色; 具堅實稠度; (CL) | 0 | 6 | 60 | 34 | CL | 1.87 | 30.7 | 2.74 | 35.6 | 15.2 |
| 40 | | | | | | | | | | 40.5 m | | | | | | | | | | |
| 42 | | | | | | | | | | End of Boring | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |


C-15

RESULTS OF SUBSURFACE EXPLORATION

| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.59m | | Date: 03/23/13 - 03/25/13 | |  | | | | | | |
|-----------------------------|---------------|-----------------------------------|----------|----------|----------|--------------------------|----------|-------------------|-----|--|--------------|---------------------------|------|---|-----------------------------|------------------------------------|---------------------|----------------|---------------------|---------------------|
| Hole No.: DH-6 | | Location: 8段2巷120號 2777851;299084 | | | | G.W.L.: 2.10m (03/25/13) | | Sheet No.: 1 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r _f t/m ³ | ω _n % | G _s | ω _L % | I _p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 2 | S-1 | 3 | 2 | 3 | | | | | | 回填層: 粉質粘土; 棕灰色; 含細砂; 塑膠物; 木頭; 混凝土; 磚頭; (SF) | | | | | | | | | | |
| | | 2.2 m | | | | | | | | | | | | | | | | | | |
| 4 | S-2 | 0.5 | 0.5 | 1 | | | | | | 粉質粘土; 灰色; 具極軟弱稠度; (CL) | 0 | 2 | 64 | 34 | CL | 1.87 | 33.0 | 2.67 | 43.9 | 21.5 |
| | | 3.6 m | | | | | | | | | | | | | | | | | | |
| 6 | S-3 | 0.5 | 0.5 | 1 | | | | | | 砂質粉土; 灰色; 具軟弱稠度; (ML) | 0 | 45 | 43 | 12 | ML | 1.77 | 37.3 | 2.71 | - | NP |
| | | 5.1 m | | | | | | | | | | | | | | | | | | |
| 8 | S-4 | 2 | 2 | 3 | | | | | | 粉質細砂; 灰色; 極疏鬆至疏鬆程度 ; (SM) | | | | | | | | | | |
| | | 9.5 m | | | | | | | | | | | | | | | | | | |
| 10 | T-0 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 12 | S-7 | 4 | 6 | 6 | | | | | | 粉質細砂; 灰色; 疏鬆至中等緊密程 度; (SM) | 0 | 84 | 13 | 3 | SM | 1.88 | 34.8 | 2.71 | - | NP |
| | | 9.5 m | | | | | | | | | | | | | | | | | | |
| 14 | S-8 | 4 | 5 | 6 | | | | | | | | | | | | | | | | |
| | | 9.5 m | | | | | | | | | | | | | | | | | | |
| 14 | S-9 | 4 | 3 | 5 | | | | | | | 1 | 87 | 8 | 4 | SW-SM | 1.94 | 25.6 | 2.71 | - | NP |
| | | 9.5 m | | | | | | | | | | | | | | | | | | |
| 14 | S-10 | 6 | 6 | 6 | | | | | | | | | | | | | | | | |


C-16

RESULTS OF SUBSURFACE EXPLORATION


| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.59m | | Date: 03/23/13 - 03/25/13 | |  | | | | | | |
|-----------------------------|---------------|-----------------------------------|----------|----------|----------|--------------------------|----------|-------------------|-----|--------------------------------|--------------|---------------------------|------|---|-----------------------------|------------------------------------|---------------------|----------------|---------------------|---------------------|
| Hole No.: DH-6 | | Location: 8段2巷120號 2777851;299084 | | | | G.W.L.: 2.10m (03/25/13) | | Sheet No.: 2 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r _f t/m ³ | ω _n % | G _s | ω _L % | I _p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 17 | S-11 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| | | 16.6 m | | | | | | | | | | | | | | | | | | |
| 17 | T-2 | | | | | | | | | 粉質粘土; 灰色; 夾砂質粉土; (CL) | 0 | 25 | 63 | 12 | ML | 1.89 | 32.9 | 2.71 | - | NP |
| | | 17.8 m | | | | | | | | | | | | | | | | | | |
| 19 | S-12 | 2 | 4 | 6 | | | | | | 粉質細砂; 灰色; 疏鬆程度; (SM) | 0 | 70 | 22 | 8 | SM | 1.83 | 34.2 | 2.71 | - | NP |
| | | 19.0 m | | | | | | | | | | | | | | | | | | |
| 19 | S-13 | 1 | 1 | 2 | | | | | | 粉質粘土; 灰色; 具軟弱稠度; (CL) | 0 | 4 | 59 | 37 | - | 1.78 | 44.1 | 2.74 | - | - |
| | | 20.2 m | | | | | | | | | | | | | | | | | | |
| 21 | S-14 | 4 | 3 | 9 | | | | | | 粉質細砂; 灰色; 疏鬆至中等緊密程 度; (SM) | | | | | | | | | | |
| | | 20.2 m | | | | | | | | | | | | | | | | | | |
| 23 | S-15 | 2 | 4 | 7 | | | | | | | | | | | | | | | | |
| | | 20.2 m | | | | | | | | | | | | | | | | | | |
| 25 | S-16 | 6 | 7 | 8 | | | | | | | | | | | | | | | | |
| | | 20.2 m | | | | | | | | | | | | | | | | | | |
| 25 | S-17 | 7 | 9 | 11 | | | | | | | 0 | 90 | 7 | 3 | SP-SM | 1.86 | 29.0 | 2.71 | - | NP |
| | | 20.2 m | | | | | | | | | | | | | | | | | | |
| 27 | S-18 | 6 | 6 | 4 | | | | | | | | | | | | | | | | |
| | | 26.9 m | | | | | | | | | | | | | | | | | | |
| 27 | S-19 | 2 | 1 | 3 | | | | | | 粉質粘土; 灰色; 具軟弱至中等堅實 稠度; (CL) | | | | | | | | | | |
| | | 26.9 m | | | | | | | | | | | | | | | | | | |
| 29 | S-20 | 2 | 2 | 3 | | | | | | | 0 | 10 | 55 | 35 | CL | 1.86 | 32.2 | 2.73 | 36.4 | 13.7 |


C-17

C-18


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---------------------------------------|----------|----------|----------|-----------------------------|----------|-------------------|-----|----------------------------|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.59m | | Date: 03/23/13 - 03/25/13 | |  | | | | | | |
| Hole No.: DH-6 | | Location: 8段2巷120號 2777851; 299084 | | | | G.W.L.: 2.10m (03/25/13) | | Sheet No.: 3 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 32 | S-21 | 1 | 3 | 2 | | | | | | | | | | | | | | | | |
| | S-22 | 3 | 2 | 4 | | | | | | | | | | | | | | | | |
| 34 | S-23 | 5 | 5 | 8 | | | | | | 34.4 m | | | | | | | | | | |
| 36 | S-24 | 5 | 5 | 9 | | | | | | 粉質細砂; 灰色; 中等緊密程度; (SM) | | | | | | | | | | |
| 38 | S-25 | 4 | 8 | 7 | | | | | | | 0 | 78 | 12 | 10 | SM | 1.86 | 26.8 | 2.72 | - | NP |
| | S-26 | 5 | 8 | 6 | | | | | | | | | | | | | | | | |
| 40 | S-27 | 3 | 3 | 4 | | | | | | 39.8 m | | | | | | | | | | |
| | | | | | | | | | | 粉質粘土; 灰色; 具中等堅實稠度; (CL) | 0 | 10 | 58 | 32 | - | 1.79 | 39.0 | 2.74 | - | - |
| 42 | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | 40.5 m | | | | | | | | | | |
| | | | | | | | | | | End of Boring | | | | | | | | | | |

C-19


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|---|----------|----------|----------|-----------------------------|----------|-------------------|-----|--|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.51m | | Date: 03/25/13 - 03/27/13 | |  | | | | | | |
| Hole No.: DH-7 | | Location: 8段2巷153弄65 2778065; 298715 | | | | G.W.L.: 0.95m (03/27/13) | | Sheet No.: 1 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 2 | S-1 | 1 | 1 | 1 | | | | | | 回填層; 砂質粉土; 含混凝土塊; 腐 木; 礫石; (SF) | | | | | | | | | | |
| | S-2 | 1 | 1 | 1 | | | | | | 粉質粘土; 灰黃色至灰色; 夾砂質粉 土; 具極軟弱至軟弱稠度; (CL) | 0 | 2 | 65 | 33 | CL | 1.85 | 38.0 | 2.71 | 43.4 | 18.9 |
| 4 | S-3 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 6 | S-4 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 8 | S-5 | 1 | 1 | 3 | | | | | | 7.4 m | | | | | | | | | | |
| | S-6 | 3 | 1 | 5 | | | | | | 粉質細砂; 灰色; 夾砂質粉土; 疏鬆 程度; (SM) | | | | | | | | | | |
| 10 | S-7 | 3 | 4 | 5 | | | | | | | 0 | 39 | 48 | 13 | ML | 1.99 | 21.9 | 2.71 | - | NP |
| 12 | S-8 | 4 | 6 | 8 | | | | | | 11.6 m | | | | | | | | | | |
| | S-9 | 4 | 7 | 9 | | | | | | 粉質細砂; 灰色; 中等緊密程度; (SM) | | | | | | | | | | |
| 14 | S-10 | 5 | 8 | 9 | | | | | | | | | | | | | | | | |

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|--|----------|----------|-----------------------------|-------------------|---------------------------|------|---|-----------------------------|--------------|------|------|------|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | Ground EL.: +1.51m | | Date: 03/25/13 - 03/27/13 | |  | | | | | | | | | | | |
| Hole No.: DH-7 | | Location: 8段2巷153弄65 2778065 ; 298715 | | | G.W.L.: 0.95m (03/27/13) | | Sheet No.: 2 of 3 | | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 17 | S-11 | 5 | 8 | 8 | | | | | | | | | | | | | | | | |
| | S-12 | 5 | 7 | 8 | | | | | | | | | | | | | | | | |
| 19 | S-13 | 6 | 7 | 9 | | | | | | | 0 | 81 | 15 | 4 | SM | 2.02 | 23.5 | 2.72 | - | NP |
| 21 | S-14 | 7 | 9 | 10 | | | | | | 21.3 m | | | | | | | | | | |
| | S-15 | 7 | 10 | 11 | | | | | | 粉質粗中細砂; 灰色; 中等緊密程度 ;(SM) | 0 | 81 | 14 | 5 | SM | 2.04 | 16.3 | 2.71 | - | NP |
| 23 | S-16 | 7 | 10 | 12 | | | | | | | | | | | | | | | | |
| 25 | S-17 | 7 | 11 | 12 | | | | | | | 0 | 78 | 15 | 7 | SM | 2.17 | 19.0 | 2.70 | - | NP |
| 27 | S-18 | 7 | 7 | 13 | | | | | | | | | | | | | | | | |
| | S-19 | 7 | 9 | 11 | | | | | | 28.6 m | | | | | | | | | | |
| 29 | T-1 | | | | | | | | | 粉質粘土; 灰色; 具中等堅實至堅實 | 0 | 17 | 45 | 38 | CL | 1.86 | 35.2 | 2.73 | 39.0 | 17.2 |


C-20

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|--|----------|----------|-----------------------------|-------------------|---------------------------|------|---|----------------------------------|--------------|------|------|------|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | Ground EL.: +1.51m | | Date: 03/25/13 - 03/27/13 | |  | | | | | | | | | | | |
| Hole No.: DH-7 | | Location: 8段2巷153弄65 2778065 ; 298715 | | | G.W.L.: 0.95m (03/27/13) | | Sheet No.: 3 of 3 | | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| | S-20 | 2 | 2 | 3 | | | | | | 稠度: (CL) | | | | | | | | | | |
| | S-21 | 2 | 3 | 5 | | | | | | | | | | | | | | | | |
| 32 | S-22 | 3 | 4 | 4 | | | | | | | 0 | 12 | 55 | 33 | CL | 1.88 | 29.4 | 2.73 | 36.3 | 15.3 |
| 34 | S-23 | 3 | 4 | 5 | | | | | | | | | | | | | | | | |
| 36 | S-24 | 3 | 5 | 5 | | | | | | 36.0 m | | | | | | | | | | |
| | S-25 | 3 | 4 | 5 | | | | | | 粉質粘土; 灰色; 夾砂質粉土; 具堅 實稠度; (CL) | 0 | 26 | 46 | 28 | ML | 1.78 | 36.7 | 2.75 | 41.2 | 15.1 |
| 38 | S-26 | 4 | 5 | 5 | | | | | | | | | | | | | | | | |
| 40 | S-27 | 4 | 5 | 6 | | | | | | 40.0 m | 0 | 5 | 52 | 43 | - | 1.86 | 42.6 | 2.74 | - | - |
| | | | | | | | | | | End of Boring | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |

C-21


| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|--|----------|----------|----------|--------------------------|----------|-------------------|-----|-----------------------------------|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.96m | | Date: 03/27/13 - 03/28/13 | |  | | | | | | |
| Hole No.: DH-8 | | Location: 7段106巷94弄98 2776834 ; 299979 | | | | G.W.L.: 1.80m (03/28/13) | | Sheet No.: 1 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| | S-1 | 5 | 5 | 2 | | | | | | 回填層: 粉質粘土; 含細砂; 礫石; 磚塊; 塑膠物; (SF) | | | | | | | | | | |
| 2 | S-2 | 0.5 | 0.5 | 1 | | | | | | 粉質粘土; 棕黃色至灰色; 具軟弱稠度; (CL) | | | | | | | | | | |
| 4 | S-3 | 1 | 1 | 2 | | | | | | | 0 | 6 | 58 | 36 | CL | 1.82 | 38.4 | 2.73 | 43.8 | 19.3 |
| 6 | S-4 | 1 | 2 | 2 | | | | | | 粉質細砂; 灰色; 疏鬆程度; (SM) | | | | | | | | | | |
| 8 | S-5 | 2 | 1 | 3 | | | | | | | | | | | | | | | | |
| 10 | S-6 | 4 | 4 | 5 | | | | | | 粉質中細砂; 灰色; 疏鬆至中等緊密程度; (SM) | | | | | | | | | | |
| 12 | S-7 | 3 | 5 | 5 | | | | | | | 0 | 90 | 7 | 3 | SP-SM | 1.95 | 26.7 | 2.70 | - | NP |
| 14 | S-8 | 3 | 3 | 6 | | | | | | 粉質細砂; 灰色; 疏鬆至中等緊密程度; (SM) | | | | | | | | | | |
| | S-9 | 3 | 4 | 5 | | | | | | | | | | | | | | | | |
| | S-10 | 3 | 4 | 5 | | | | | | | | | | | | | | | | |

C-22

| RESULTS OF SUBSURFACE EXPLORATION | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------------|--|----------|----------|----------|--------------------------|----------|-------------------|-----|-------------------------|--------------|---------------------------|------|---|-----------------------------|---------------------------|-----------------|-------|-----------------|------------|
| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.96m | | Date: 03/27/13 - 03/28/13 | |  | | | | | | |
| Hole No.: DH-8 | | Location: 7段106巷94弄98 2776834 ; 299979 | | | | G.W.L.: 1.80m (03/28/13) | | Sheet No.: 2 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r_f t/m ³ | ω_n % | G_s | ω_L % | I_p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 17 | S-11 | 3 | 4 | 6 | | | | | | | 0 | 81 | 14 | 5 | SM | 2.01 | 17.1 | 2.70 | - | NP |
| 19 | S-12 | 4 | 5 | 5 | | | | | | | | | | | | | | | | |
| 21 | S-13 | 2 | 2 | 2 | | | | | | 粉質粘土; 灰色; 具中等堅實稠度; (CL) | 0 | 2 | 57 | 41 | CL | 1.83 | 38.5 | 2.74 | 38.8 | 15.9 |
| 23 | S-14 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| 25 | S-15 | 1 | 2 | 3 | | | | | | | 0 | 39 | 40 | 21 | ML | 1.87 | 31.7 | 2.71 | - | NP |
| 27 | S-16 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| 29 | S-17 | 2 | 3 | 3 | | | | | | | | | | | | | | | | |
| | S-18 | 2 | 3 | 3 | | | | | | | 0 | 18 | 51 | 31 | CL | 1.85 | 34.5 | 2.73 | 39.6 | 18.1 |
| | S-19 | 2 | 2 | 4 | | | | | | | | | | | | | | | | |
| | S-20 | 7 | 7 | 8 | | | | | | | | | | | | | | | | |

C-23

RESULTS OF SUBSURFACE EXPLORATION

| PROJECT : 社子島地區區段徵收工程規劃環評樹保 | | | | | | | | | | Ground EL.: +1.96m | | Date: 03/27/13 - 03/28/13 | |  MOH AND ASSOCIATES Consulting Engineers 亞新工程顧問公司 | | | | | | |
|-----------------------------|---------------|---|----------|----------|----------|-----------------------------|----------|-------------------|------------------------------|--------------------|--------------|---------------------------|------|--|-----------------------------|------------------------------------|---------------------|----------------|---------------------|---------------------|
| Hole No.: DH-8 | | Location: 7段106巷94弄98 2776834 : 299979 | | | | G.W.L.: 1.80m (03/28/13) | | Sheet No.: 3 of 3 | | | | | | | | | | | | |
| Depth m | Sample No. | S. P. T. | | | | Core Rec. % | RQD % | F.I. | LOG | Description | Grain Size % | | | | USCS Classi- fication | r _f t/m ³ | ω _n % | G _s | ω _L % | I _p % |
| | | 15 cm | 15 cm | 15 cm | 15 cm | | | | | | Gravel | Sand | Silt | Clay | | | | | | |
| 32 | S-21 | 5 | 7 | 8 | | | | | 粉質細砂;灰色;中等緊密程度; (SM) | 0 | 86 | 9 | 5 | SM | 1.94 | 27.3 | 2.70 | - | NP | |
| | | | | | | | | | | 32.2 m | | | | | | | | | | |
| 34 | S-22 | 4 | 5 | 6 | | | | | 粉質粘土;灰色;夾粉質細砂;具堅 實稠度:(CL) | 0 | 66 | 26 | 8 | SM | 1.83 | 33.1 | 2.72 | - | NP | |
| 36 | S-23 | 4 | 6 | 6 | | | | | | | | | | | | | | | | |
| 38 | S-24 | 2 | 3 | 5 | | | | | | | | | | | | | | | | |
| 40 | S-25 | 3 | 4 | 5 | | | | | | | | | | | | | | | | |
| 42 | S-26 | 7 | 9 | 11 | | | | | 粉質細砂;灰色;中等緊密程度; (SM) | 0 | 79 | 16 | 5 | SM | 1.96 | 25.7 | 2.71 | - | NP | |
| 44 | S-27 | 7 | 8 | 11 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 40.5 m | | | | | | | | | | |
| | | | | | | | | | | End of Boring | | | | | | | | | | |

C-24



LFS00707 VER3

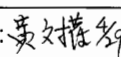
報告編號: 2013002

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|-------------------|---------------------|------------------|----------------------------|----------------------|---------------------------------|---------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|-------------------------|--------------------|--------------------------|----------------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-1 | S-2 | 4.05-4.50 | 23.7 | 2.70 | - | NP | 0 | 81 | 14 | 5 | 9.3 | 3.9 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-1 | S-4 | 7.05-7.50 | 25.9 | 2.70 | - | NP | 3 | 81 | 11 | 5 | 24.0 | 5.8 | SM | Silty Sand | 粉質細砂/灰色/含極少量粗砂礫石膠結 | G-ETST | * |
| DH-1 | S-7 | 11.55-12.00 | 22.8 | 2.72 | - | NP | 0 | 85 | 11 | 4 | 10.5 | 2.9 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-1 | S-12 | 20.70-21.15 | 28.7 | 2.73 | - | NP | 0 | 81 | 14 | 5 | 14.1 | 5.6 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-1 | S-14 | 23.55-24.00 | 21.8 | 2.70 | - | NP | 0 | 77 | 16 | 7 | 16.2 | 6.5 | SM | Silty Sand | 粉質細砂/灰色/夾微量腐木屑 | G-ETST | |
| DH-1 | S-15 | 25.05-25.50 | 30.7 | 2.72 | 42.1 | 18.9 | 0 | 10 | 52 | 38 | 16.2 | 0.4 | CL | Lean Clay | 粉質粘土/灰色/含少量細砂屑 | G-ETST | |
| DH-1 | S-19 | 31.05-31.50 | 34.8 | 2.74 | 41.0 | 17.4 | 0 | 10 | 49 | 41 | 11.2 | 0.4 | CL | Lean Clay | 粉質粘土/灰色/含微量細砂屑 | G-ETST | |
| DH-1 | S-21 | 34.05-34.50 | 34.6 | 2.73 | 37.6 | 15.6 | 0 | 14 | 49 | 37 | 14.8 | 0.4 | CL | Lean Clay | 粉質粘土/灰色/含少量細砂微量有機物 | G-ETST | |
| DH-1 | S-25 | 39.55-40.00 | 35.2 | 2.74 | 40.0 | 17.2 | 0 | 12 | 53 | 35 | 17.0 | 0.6 | CL | Lean Clay | 粉質粘土/灰色/含少量細砂 | G-ETST | |

 **MOH AND ASSOCIATES, INC.**
 Consulting Engineers
 亞新工程顧問股份有限公司

計畫名稱: 台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務

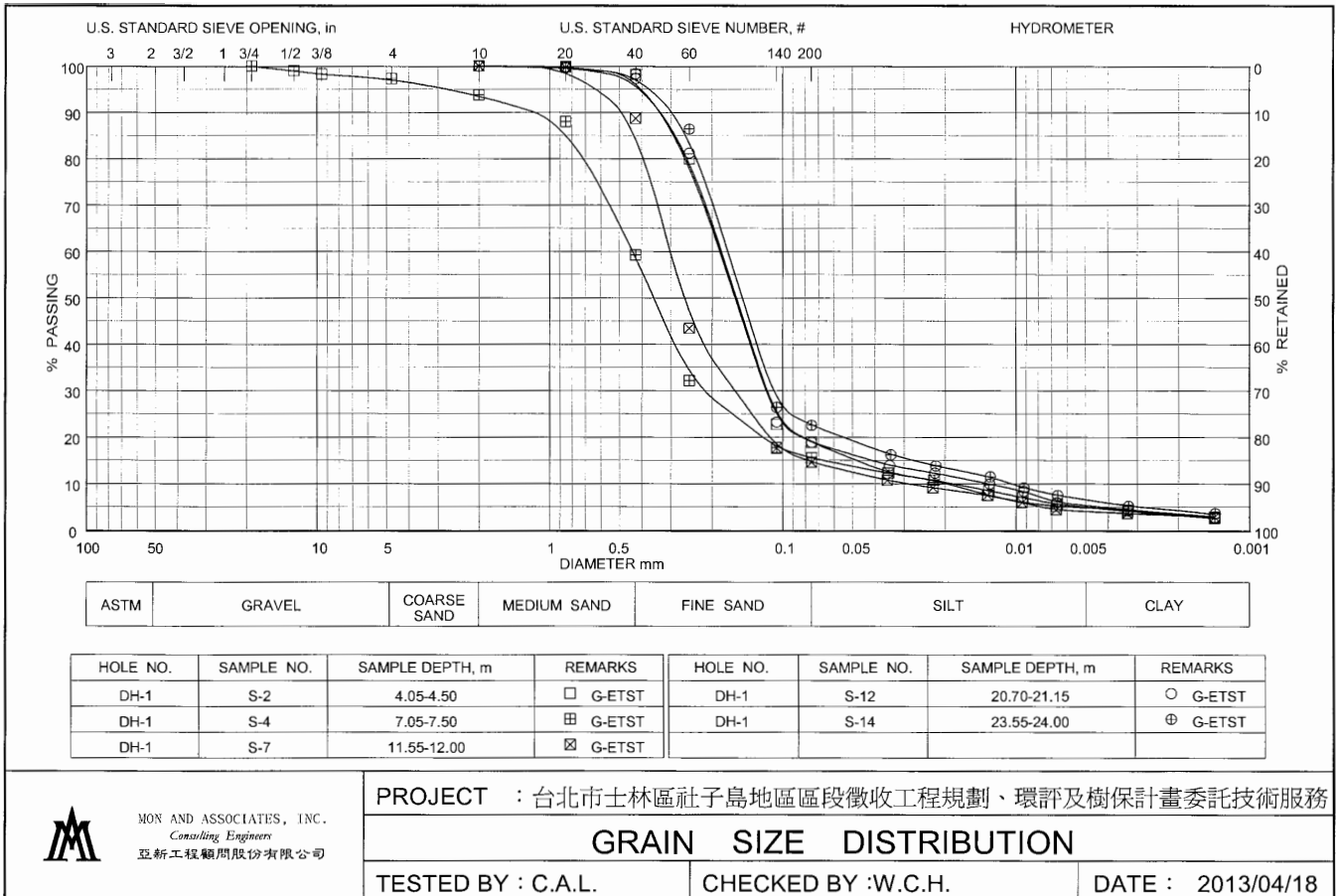
大地工程試驗室土壤試驗報告

試驗者: C.A.L. 試驗日期: 2013/4/18 報告簽署人: 

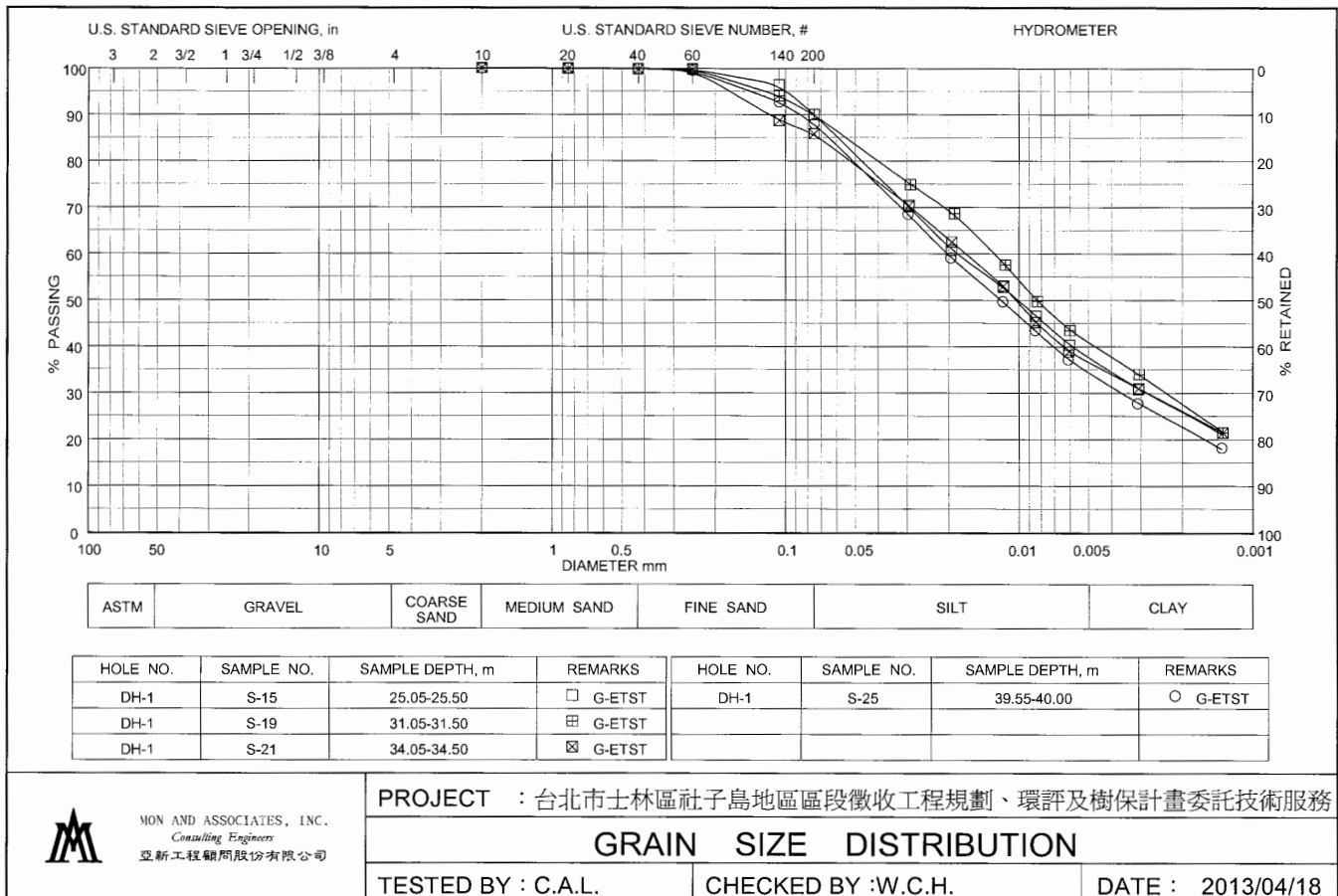
1. 本分報告所列紀錄僅對樣品負責。
2. 本報告不得塗改及摘錄複製。
3. 含水量試驗係依據ASTM D2216-10、比重試驗係依據ASTM D854-10、阿太堡限度及指數試驗係依據ASTM D4318-10、粒徑分析試驗係依據ASTM D422-63、試驗分類係依據ASTM D2487-10標準施行。粒徑分佈曲線詳附件。
- 4.*: 表示粒徑超過認可範圍或不符合試驗規範要求。

2/13 J-1


3/43
J-2



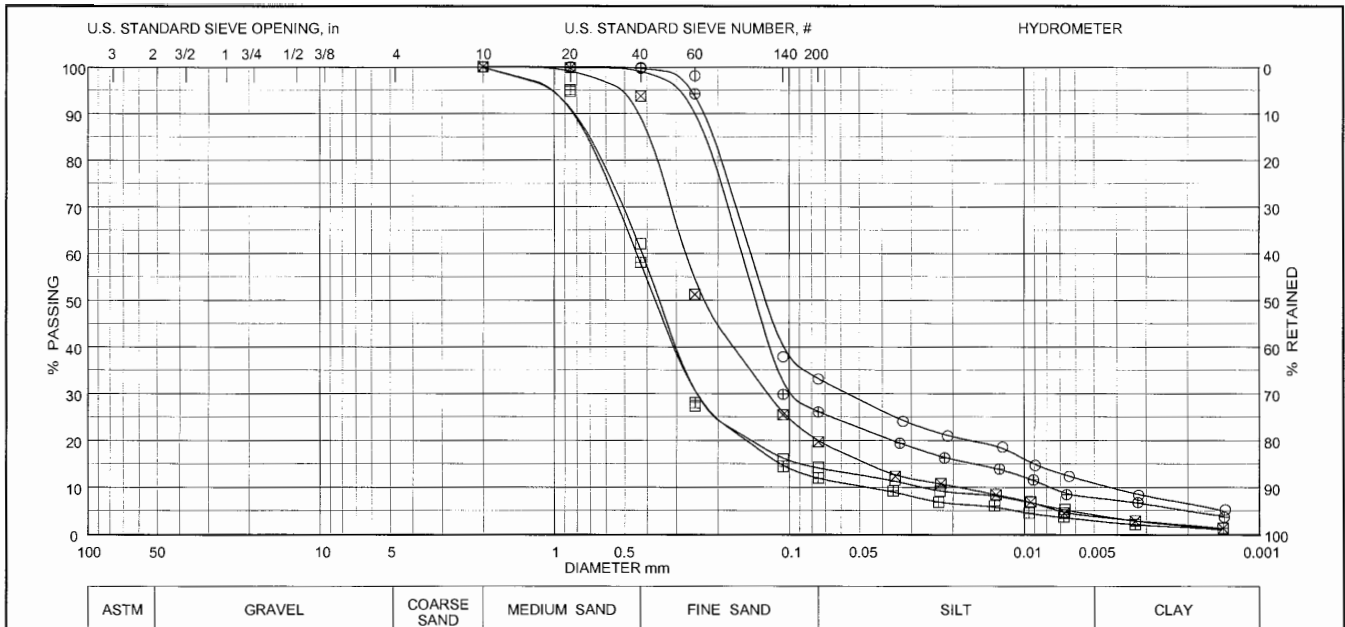
4/43
J-3




| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _P % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|---------------|-------------------------|----------------------|------------------------------|------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|----------------------|---------------------|--------------------------|----------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-2 | S-5 | 8.55-9.00 | 23.5 | 2.74 | - | NP | 0 | 86 | 10 | 4 | 15.5 | 5.4 | SM | Sity Sand | 粉質細砂/灰色 | G-ETST | |
| DH-2 | S-6 | 10.05-10.50 | 19.9 | 2.70 | - | NP | 0 | 88 | 9 | 3 | 9.5 | 2.9 | SW-SM | Well-Graded Sand | 粉質細砂/灰色 | G-ETST | |
| DH-2 | S-9 | 14.55-15.00 | 31.5 | 2.71 | - | NP | 0 | 80 | 16 | 4 | 14.1 | 3.0 | SM | Sity Sand | 粉質細砂/灰色 | G-ETST | |
| DH-2 | S-11 | 17.55-18.00 | 28.5 | 2.72 | - | NP | 0 | 67 | 22 | 11 | 33.9 | 5.1 | SM | Sity Sand | 粉質細砂/灰色/夾微量粘土薄層 | G-ETST | |
| DH-2 | S-13 | 20.55-21.00 | 27.9 | 2.73 | - | NP | 0 | 74 | 18 | 8 | 20.4 | 7.8 | SM | Sity Sand | 粉質細砂/灰色/含微量粉質粘土 | G-ETST | |
| DH-2 | S-19 | 29.55-30.00 | 28.5 | 2.73 | 33.8 | 14.6 | 0 | 21 | 52 | 27 | 24.0 | 0.9 | CL | Lean Clay with Sand | 粉質粘土/灰色/含多量細砂 | G-ETST | |
| DH-2 | S-21 | 32.55-33.00 | 25.0 | 2.72 | - | NP | 0 | 76 | 17 | 7 | 18.6 | 6.2 | SM | Sity Sand | 粉質細砂/灰色/偶夾粉質粘土薄層 | G-ETST | |
| DH-2 | S-25 | 40.00-40.45 | 24.7 | 2.70 | - | NP | 0 | 78 | 19 | 3 | 5.9 | 2.3 | SM | Sity Sand | 粉質細砂/灰色 | G-ETST | |

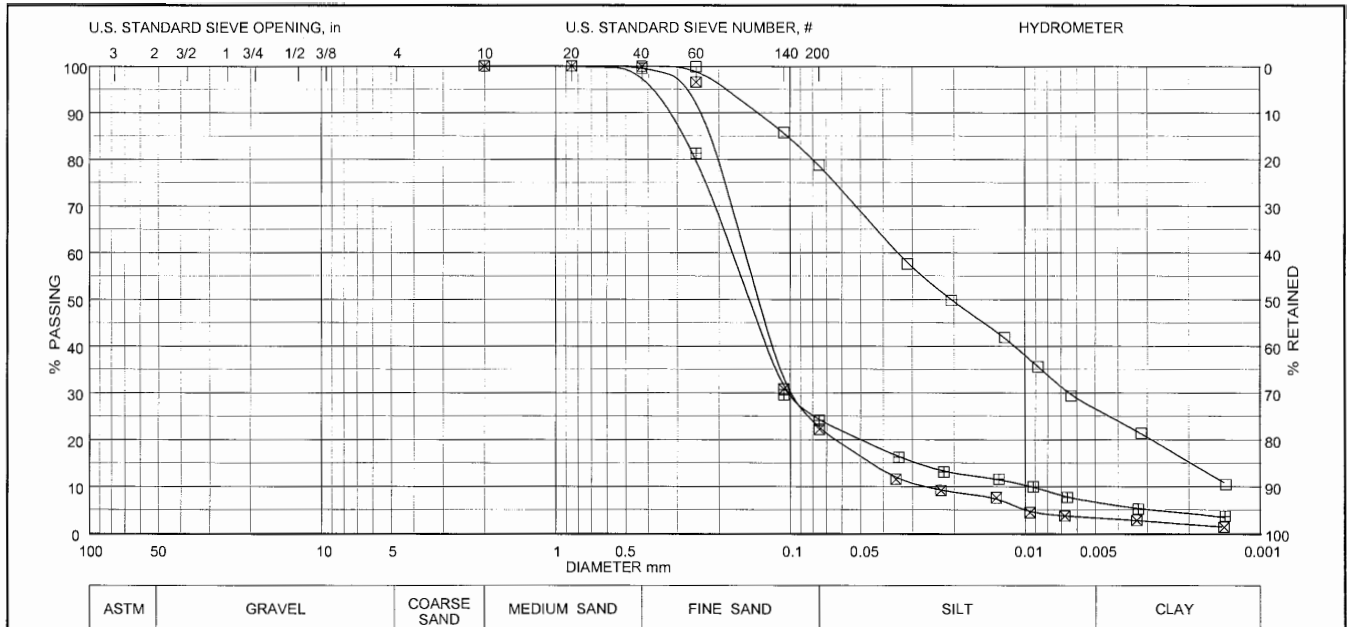
| | | | |
|---|--|----------------|-----------|
|  <p>MOH AND ASSOCIATES, INC. Consulting Engineers 亞新工程顧問股份有限公司</p> | 計畫名稱：台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務 | | |
| | <h3>大地工程試驗室土壤試驗報告</h3> | | |
| | 試驗者：C.A.L. | 試驗日期：2013/4/18 | 報告簽署人：黃文攝 |

1. 本分類報告所列紀錄僅對樣品負責。
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3. 含水量試驗係依據ASTM D2216-10、比重試驗係依據ASTM D854-10、阿太堡限度及指數試驗係依據ASTM D4318-10、粒徑分析試驗係依據ASTM D422-63、試驗分類係依據ASTM D2487-10標準施行。粒徑分佈曲線詳附件。
- 4.* 表示粒徑超過認可範圍或不符合試驗規範要求。



| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-2 | S-5 | 8.55-9.00 | □ G-ETST | DH-2 | S-11 | 17.55-18.00 | ○ G-ETST |
| DH-2 | S-6 | 10.05-10.50 | ⊞ G-ETST | DH-2 | S-13 | 20.55-21.00 | ⊕ G-ETST |
| DH-2 | S-9 | 14.55-15.00 | ⊠ G-ETST | | | | |

| | | | |
|---|---|-------------------|-----------------|
|  <p>MOH AND ASSOCIATES, INC. Consulting Engineers 亞新工程顧問股份有限公司</p> | PROJECT：台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務 | | |
| | <h3>GRAIN SIZE DISTRIBUTION</h3> | | |
| | TESTED BY：C.A.L. | CHECKED BY：W.C.H. | DATE：2013/04/18 |



| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|---------|
| DH-2 | S-19 | 29.55-30.00 | ☐ G-ETST | | | | |
| DH-2 | S-21 | 32.55-33.00 | ☒ G-ETST | | | | |
| DH-2 | S-25 | 40.00-40.45 | ☒ G-ETST | | | | |



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GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L.

CHECKED BY : W.C.H.

DATE : 2013/04/18

7/43 1-6

LFS00707 VER3



報告編號 : 2013002

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|---------------|-------------------------|----------------------|------------------------------|------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|----------------------|------------------------------|--------------------------|----------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-3 | S-2 | 2.55-3.00 | 28.6 | 2.71 | - | NP | 0 | 35 | 56 | 9 | 11.7 | 2.3 | ML | Sandy Silt | 砂質粉土/棕灰色 | G-ETST | |
| DH-3 | S-3 | 4.05-4.50 | 30.7 | 2.69 | 36.0 | 11.7 | 0 | 9 | 67 | 24 | 18.6 | 1.3 | CL | Lean Clay | 粉質粘土/灰色/含微量細砂有機物 | G-ETST | |
| DH-3 | S-6 | 8.55-9.00 | 21.3 | 2.71 | - | NP | 0 | 77 | 17 | 6 | 14.8 | 5.4 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-3 | S-10 | 14.55-15.00 | 18.2 | 2.67 | - | NP | 0 | 94 | 3 | 3 | 3.2 | 1.5 | SP-SM | Poorly Graded Sand with Silt | 粉質中細砂/灰色/含微量磚屑 | G-ETST | |
| DH-3 | S-12 | 17.55-18.00 | 25.2 | 2.70 | - | NP | 0 | 94 | 4 | 2 | 2.5 | 0.9 | SP-SM | Poorly Graded Sand with Silt | 粉質細砂/灰色 | G-ETST | |
| DH-3 | S-17 | 25.05-25.50 | 19.1 | 2.71 | - | NP | 0 | 80 | 14 | 6 | 21.9 | 4.2 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-3 | S-20 | 29.55-30.00 | 26.1 | 2.71 | - | NP | 0 | 64 | 26 | 10 | 25.7 | 2.7 | SM | Silty Sand | 粉質細砂/灰色/夾少量粘土塊 | G-ETST | |
| DH-3 | S-24 | 35.55-36.00 | 32.2 | 2.72 | 35.5 | 16.0 | 0 | 34 | 37 | 29 | 40.7 | 0.5 | CL | Sandy Lean Clay | 粉質粘土/灰色/含多量細砂少量頁岩 | G-ETST | |
| DH-3 | S-27 | 39.55-40.00 | 34.4 | 2.73 | 40.3 | 17.5 | 0 | 18 | 52 | 30 | 24.5 | 0.7 | CL | Lean Clay with Sand | 粉質粘土/灰色/含少量細砂微量頁岩 | G-ETST | |



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計畫名稱 : 台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務

大地工程試驗室土壤試驗報告

試驗者 : C.A.L.

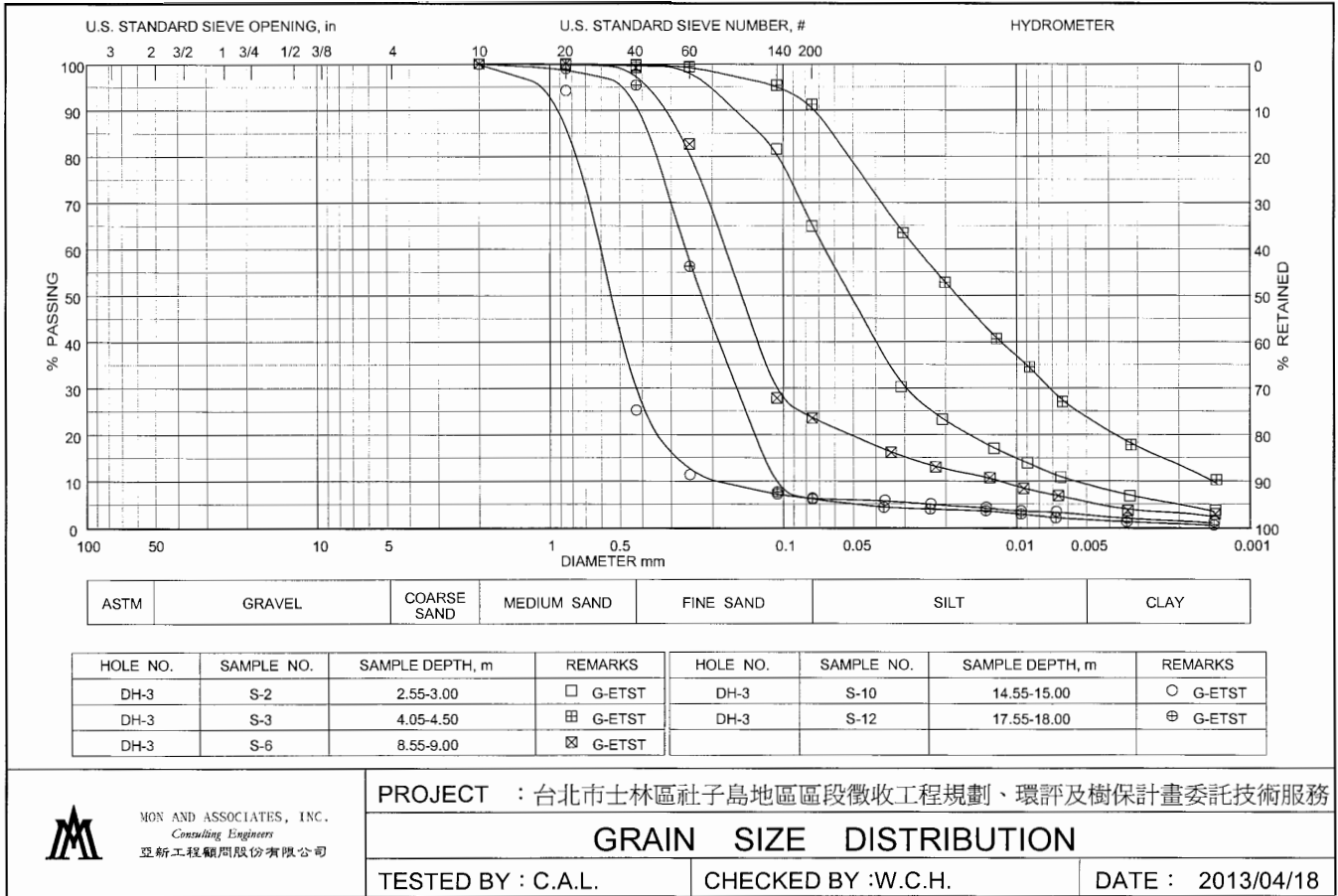
試驗日期 : 2013/4/18

報告簽署人 : 吳文攝

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8/43 1-7

8-T 9/27/6



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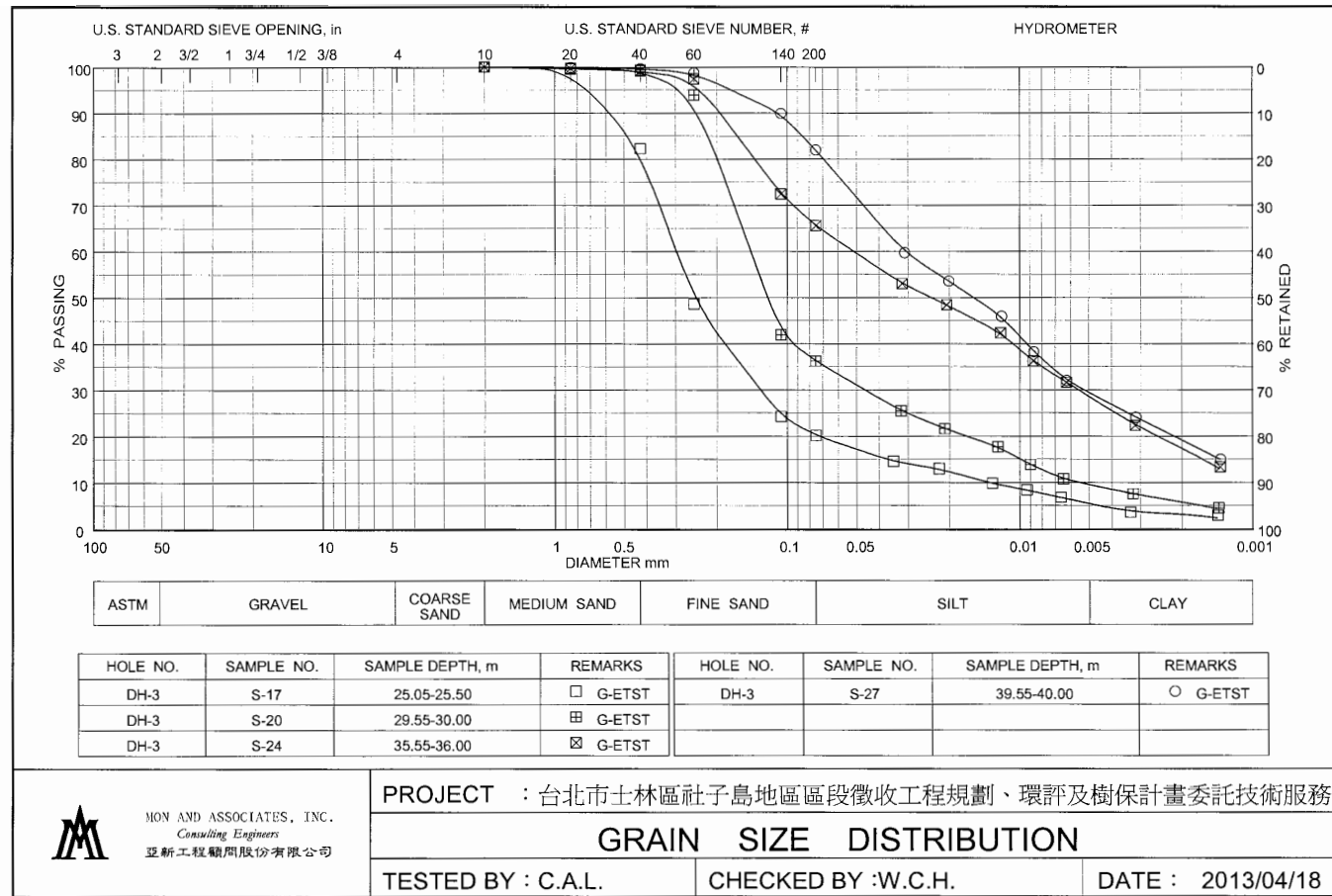
GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L.

CHECKED BY : W.C.H.

DATE : 2013/04/18

10/43 8-T



MGN AND ASSOCIATES, INC.
Consulting Engineers
亞新工程顧問股份有限公司

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GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L.

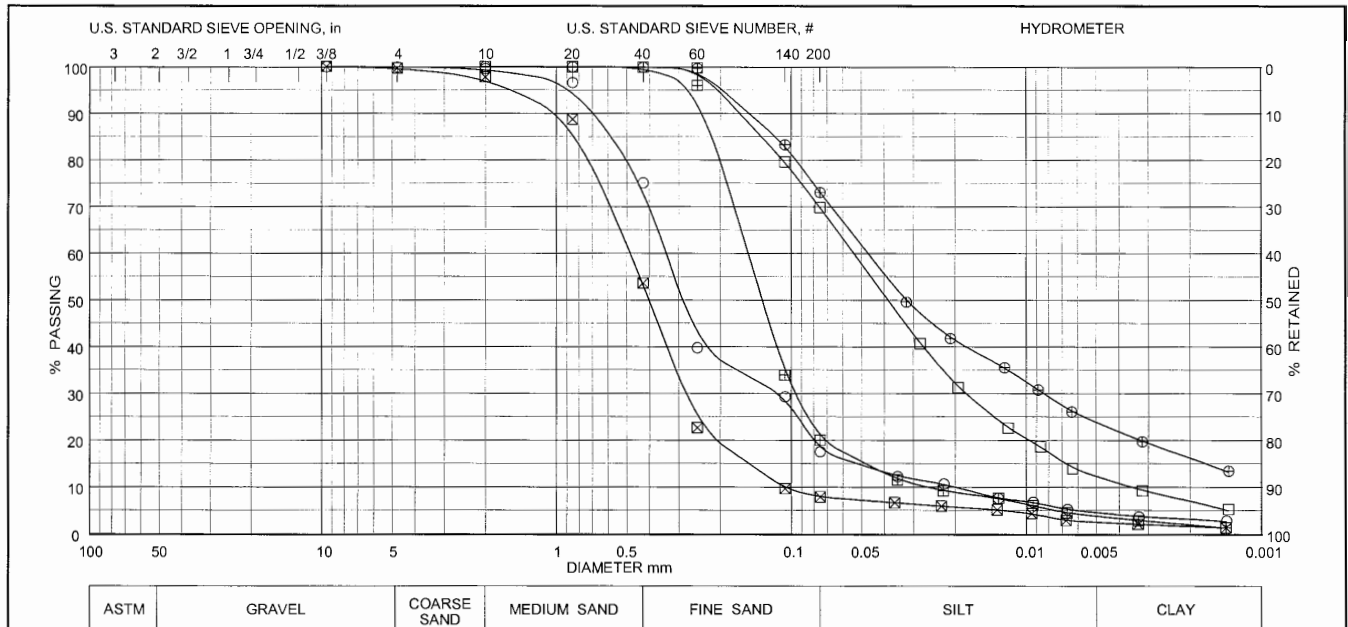
CHECKED BY : W.C.H.

DATE : 2013/04/18

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|---------------|-------------------------|----------------------|------------------------------|------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|----------------------|------------------------------|--------------------------|----------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-4 | S-3 | 4.05-4.50 | 38.7 | 2.70 | - | NP | 0 | 30 | 58 | 12 | 15.1 | 1.7 | ML | Sandy Silt | 砂質粉土/灰色 | G-ETST | |
| DH-4 | S-4 | 5.55-6.00 | 30.0 | 2.70 | - | NP | 0 | 80 | 16 | 4 | 5.8 | 2.3 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-4 | S-6 | 8.75-9.20 | 25.1 | 2.72 | - | NP | 0 | 92 | 5 | 3 | 4.6 | 1.5 | SP-SM | Poorly Graded Sand with Silt | 粉質中細砂/灰色 | G-ETST | |
| DH-4 | S-10 | 14.55-15.00 | 21.9 | 2.70 | - | NP | 0 | 82 | 13 | 5 | 17.0 | 1.9 | SM | Silty Sand | 粉質中細砂/灰色 | G-ETST | |
| DH-4 | S-14 | 20.35-20.80 | 28.4 | 2.72 | - | NP | 0 | 27 | 49 | 24 | 37.2 | 1.2 | ML | Silt with Sand | 粉質細砂與粉質粘土互層/灰色 | G-ETST | |
| DH-4 | S-15 | 22.05-22.50 | 31.5 | 2.73 | 39.0 | 16.1 | 0 | 20 | 47 | 33 | 24.5 | 0.4 | CL | Lean Clay with Sand | 粉質粘土/灰色/含少量細砂貝層 | G-ETST | |
| DH-4 | S-18 | 26.55-27.00 | 29.6 | 2.72 | 37.5 | 16.9 | 0 | 22 | 46 | 32 | 30.9 | 0.4 | CL | Lean Clay with Sand | 粉質粘土/灰色/含少量細砂貝層腐木 | G-ETST | |
| DH-4 | S-22 | 32.55-33.00 | 28.2 | 2.72 | 31.6 | 12.3 | 0 | 21 | 49 | 30 | 31.6 | 0.6 | CL | Lean Clay with Sand | 粉質粘土/灰色/含少量細砂貝層腐木 | G-ETST | |
| DH-4 | S-26 | 38.55-39.00 | 25.6 | 2.71 | - | NP | 0 | 46 | 41 | 13 | 37.2 | 1.6 | ML | Sandy Silt | 砂質粉土/灰色 | G-ETST | |

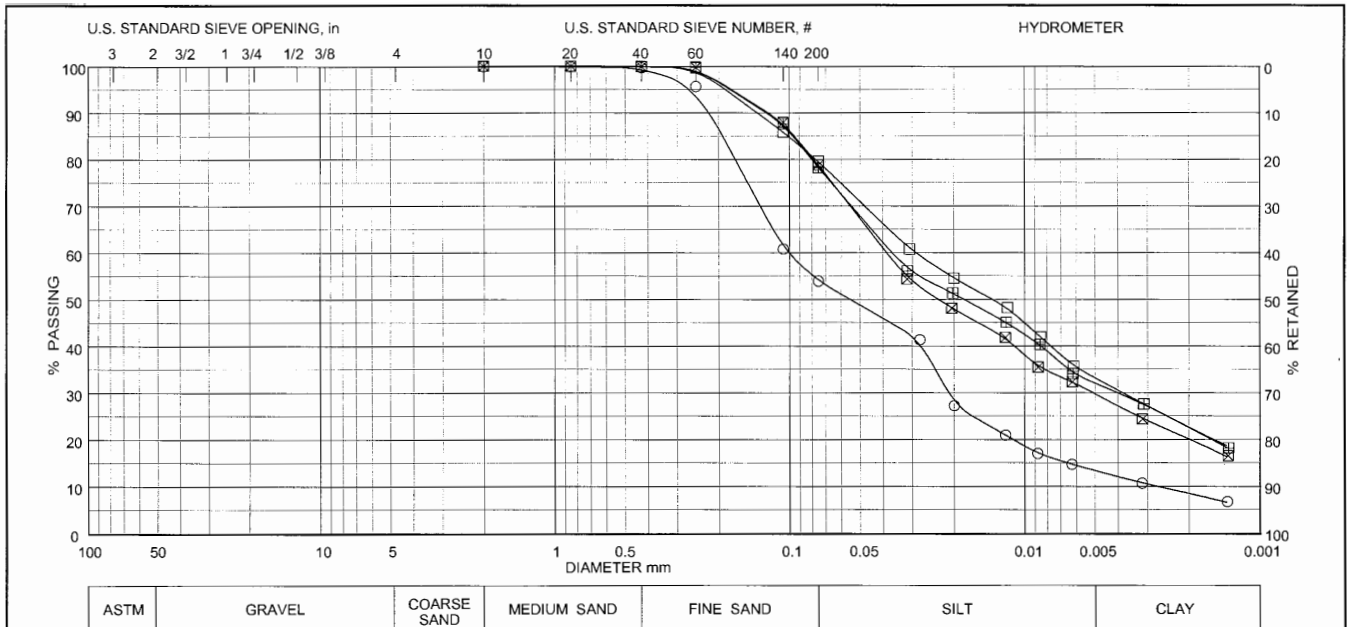
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|---|--|----------------|-------------------|
|  <p>MOH AND ASSOCIATES, INC. Consulting Engineers 亞新工程顧問股份有限公司</p> | 計畫名稱：台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務 | | |
| | <h3>大地工程試驗室土壤試驗報告</h3> | | |
| | 試驗者：C.A.L. | 試驗日期：2013/4/18 | 報告簽署人： <u>吳文攝</u> |

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 4.*：表示粒徑超過認可範圍或不符合試驗規範要求。



| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-4 | S-3 | 4.05-4.50 | □ G-ETST | DH-4 | S-10 | 14.55-15.00 | ○ G-ETST |
| DH-4 | S-4 | 5.55-6.00 | ⊞ G-ETST | DH-4 | S-14 | 20.35-20.80 | ⊕ G-ETST |
| DH-4 | S-6 | 8.75-9.20 | ⊠ G-ETST | | | | |

| | | | |
|---|---|-------------------|-----------------|
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| | <h3>GRAIN SIZE DISTRIBUTION</h3> | | |
| | TESTED BY：C.A.L. | CHECKED BY：W.C.H. | DATE：2013/04/18 |



| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-4 | S-15 | 22.05-22.50 | □ G-ETST | DH-4 | S-26 | 38.55-39.00 | ○ G-ETST |
| DH-4 | S-18 | 26.55-27.00 | ▣ G-ETST | | | | |
| DH-4 | S-22 | 32.55-33.00 | ⊠ G-ETST | | | | |



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GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L.

CHECKED BY : W.C.H.

DATE : 2013/04/18

13/43 J-12



報告編號 : 2013002

LFS00707 VER3

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|---------------|-------------------------|----------------------|------------------------------|------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|----------------------|------------------------------|--------------------------|----------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-5 | S-1 | 2.55-3.00 | 31.8 | 2.70 | 40.0 | 16.7 | 0 | 8 | 47 | 45 | 8.5 | 0.4 | CL | Lean Clay | 粉質粘土/灰土/含少量細砂 | G-ETST | |
| DH-5 | S-3 | 5.55-6.00 | 27.3 | 2.71 | - | NP | 0 | 89 | 8 | 3 | 3.7 | 1.4 | SP-SM | Poorly Graded Sand with Silt | 粉質細砂/灰土 | G-ETST | |
| DH-5 | S-5 | 8.55-9.00 | 28.6 | 2.70 | - | NP | 0 | 80 | 16 | 4 | 7.6 | 3.0 | SM | Silty Sand | 粉質細砂/灰土 | G-ETST | |
| DH-5 | S-8 | 13.05-13.50 | 23.6 | 2.70 | - | NP | 0 | 88 | 8 | 4 | 8.7 | 2.8 | SW-SM | Well-Graded Sand with Silt | 粉質細砂/灰土 | G-ETST | |
| DH-5 | S-12 | 19.05-19.50 | 33.9 | 2.73 | - | NP | 0 | 40 | 41 | 19 | 42.7 | 1.0 | ML | Sandy Silt | 粉質粘土與細砂互層/灰土 | G-ETST | |
| DH-5 | S-14 | 22.05-22.50 | 28.8 | 2.70 | - | NP | 0 | 72 | 20 | 8 | 21.9 | 6.3 | SM | Silty Sand | 粉質細砂/灰土/含少量細砂 | G-ETST | |
| DH-5 | S-16 | 25.05-25.50 | 33.1 | 2.74 | - | - | 0 | 8 | 48 | 44 | 8.9 | 0.5 | - | - | 粉質粘土/灰土/含少量細砂 | G-ETST | |
| DH-5 | S-18 | 28.05-28.50 | 35.6 | 2.73 | 37.7 | 16.5 | 0 | 15 | 45 | 40 | 15.1 | 0.3 | CL | Lean Clay with Sand | 粉質粘土/灰土/含少量細砂 | G-ETST | |
| DH-5 | S-23 | 35.55-36.00 | 28.2 | 2.71 | - | NP | 0 | 64 | 22 | 14 | 89.1 | 1.5 | SM | Silty Sand | 粉質細砂/灰土/含少量細砂 | G-ETST | |
| DH-5 | S-26 | 40.00-40.45 | 30.7 | 2.74 | 35.6 | 15.2 | 0 | 6 | 60 | 34 | 14.1 | 0.7 | CL | Lean Clay | 粉質粘土與粉質細砂互層/灰土 | G-TEST | |



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大地工程試驗室土壤試驗報告

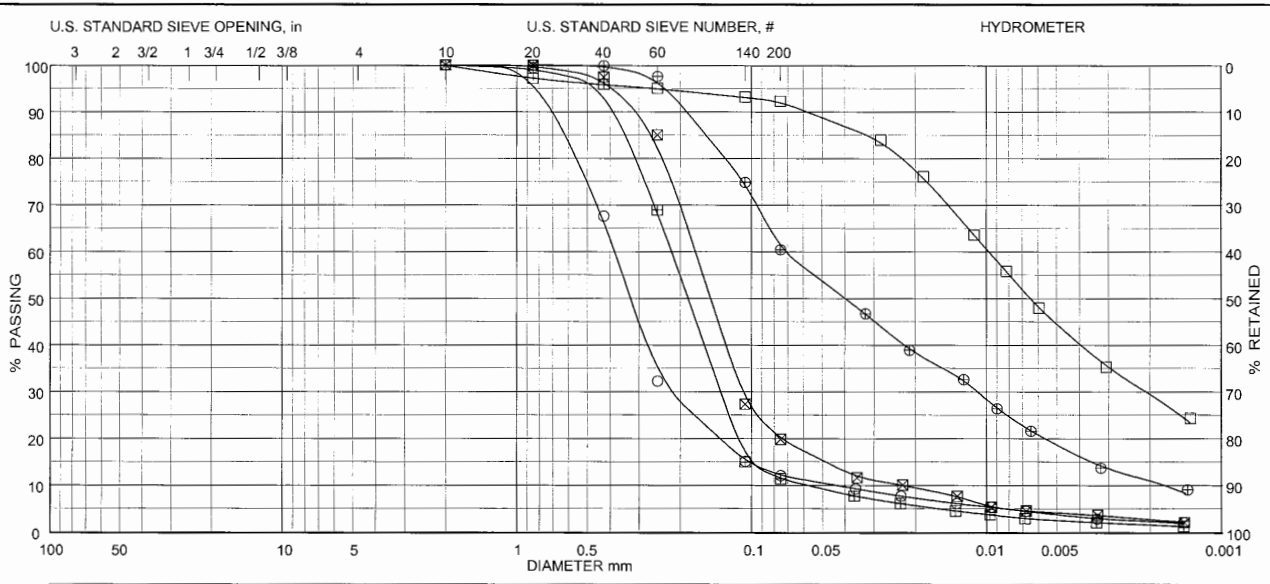
試驗者 : C.A.L.

試驗日期 : 2013/4/18

報告簽署人 : 姜文攝

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14/43 J-13



| | | | | | | |
|------|--------|-------------|-------------|-----------|------|------|
| ASTM | GRAVEL | COARSE SAND | MEDIUM SAND | FINE SAND | SILT | CLAY |
|------|--------|-------------|-------------|-----------|------|------|

| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-5 | S-1 | 2.55-3.00 | □ G-ETST | DH-5 | S-8 | 13.05-13.50 | ○ G-ETST |
| DH-5 | S-3 | 5.55-6.00 | ▣ G-ETST | DH-5 | S-12 | 19.05-19.50 | ⊕ G-ETST |
| DH-5 | S-5 | 8.55-9.00 | ⊗ G-ETST | | | | |



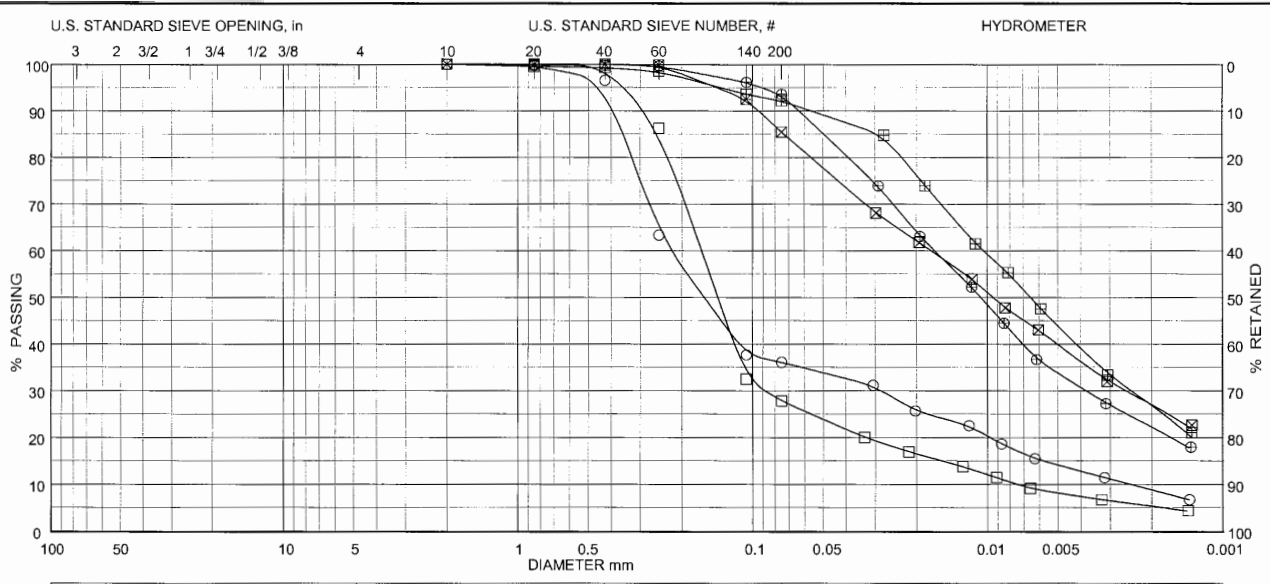
MON AND ASSOCIATES, INC.
Consulting Engineers
亞新工程顧問股份有限公司

PROJECT : 台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務

GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L. CHECKED BY : W.C.H. DATE : 2013/04/18

15/43 J-14



| | | | | | | |
|------|--------|-------------|-------------|-----------|------|------|
| ASTM | GRAVEL | COARSE SAND | MEDIUM SAND | FINE SAND | SILT | CLAY |
|------|--------|-------------|-------------|-----------|------|------|

| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-5 | S-14 | 22.05-22.50 | □ G-ETST | DH-5 | S-23 | 35.55-36.00 | ○ G-ETST |
| DH-5 | S-16 | 25.05-25.50 | ▣ G-ETST | DH-5 | S-26 | 40.00-40.45 | ⊕ G-TEST |
| DH-5 | S-18 | 26.05-26.50 | ⊗ G-ETST | | | | |



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Consulting Engineers
亞新工程顧問股份有限公司

PROJECT : 台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務

GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L. CHECKED BY : W.C.H. DATE : 2013/04/18

16/43 J-15

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|---------------|-------------------------|----------------------|------------------------------|------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|----------------------|------------------------------|--------------------------|----------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-6 | S-2 | 2.55-3.00 | 33.0 | 2.67 | 43.9 | 21.5 | 0 | 2 | 64 | 34 | 11.0 | 1.0 | CL | Lean Clay | 粉質粘土/灰色/含微量有機物 | G-ETST | |
| DH-6 | S-3 | 4.05-4.50 | 37.3 | 2.71 | - | NP | 0 | 45 | 43 | 12 | 22.4 | 1.7 | ML | Sandy Silt | 砂質粉土/灰色 | G-ETST | |
| DH-6 | S-9 | 13.10-13.55 | 25.6 | 2.71 | - | NP | 1 | 87 | 8 | 4 | 6.6 | 2.3 | SW-SM | Well-Graded Sand with Silt | 粉質粗中細砂/灰色/含微量貝屑 | G-ETST | |
| DH-6 | S-12 | 17.75-18.20 | 34.2 | 2.71 | - | NP | 0 | 70 | 22 | 8 | 18.6 | 4.9 | SM | Silty Sand | 粉質粗中細砂/灰色/偶夾粉質粘土薄層 | G-ETST | |
| DH-6 | S-13 | 19.05-19.50 | 44.1 | 2.74 | - | - | 0 | 4 | 59 | 37 | 11.2 | 0.7 | - | - | 粉質粘土/灰色/含微量有機物細砂 | G-ETST | |
| DH-6 | S-17 | 25.05-25.50 | 29.0 | 2.71 | - | NP | 0 | 90 | 7 | 3 | 3.2 | 1.1 | SP-SM | Poorly Graded Sand with Silt | 粉質細砂/灰色 | G-ETST | |
| DH-6 | S-20 | 29.55-30.00 | 32.2 | 2.73 | 36.4 | 13.7 | 0 | 10 | 55 | 35 | 20.4 | 0.4 | CL | Lean Clay | 粉質粘土/灰色/含微量貝屑 | G-ETST | |
| DH-6 | S-25 | 37.05-37.50 | 26.8 | 2.72 | - | NP | 0 | 78 | 12 | 10 | 41.7 | 11.5 | SM | Silty Sand | 粉質細砂/灰色/含少量貝屑粘土薄層 | G-ETST | |
| DH-6 | S-27 | 40.00-40.45 | 39.0 | 2.74 | 38.9 | 15.5 | 0 | 10 | 58 | 32 | 21.4 | 0.6 | CL | Lean Clay | 粉質粘土/灰色/含微量細砂貝屑 | G-ETST | |



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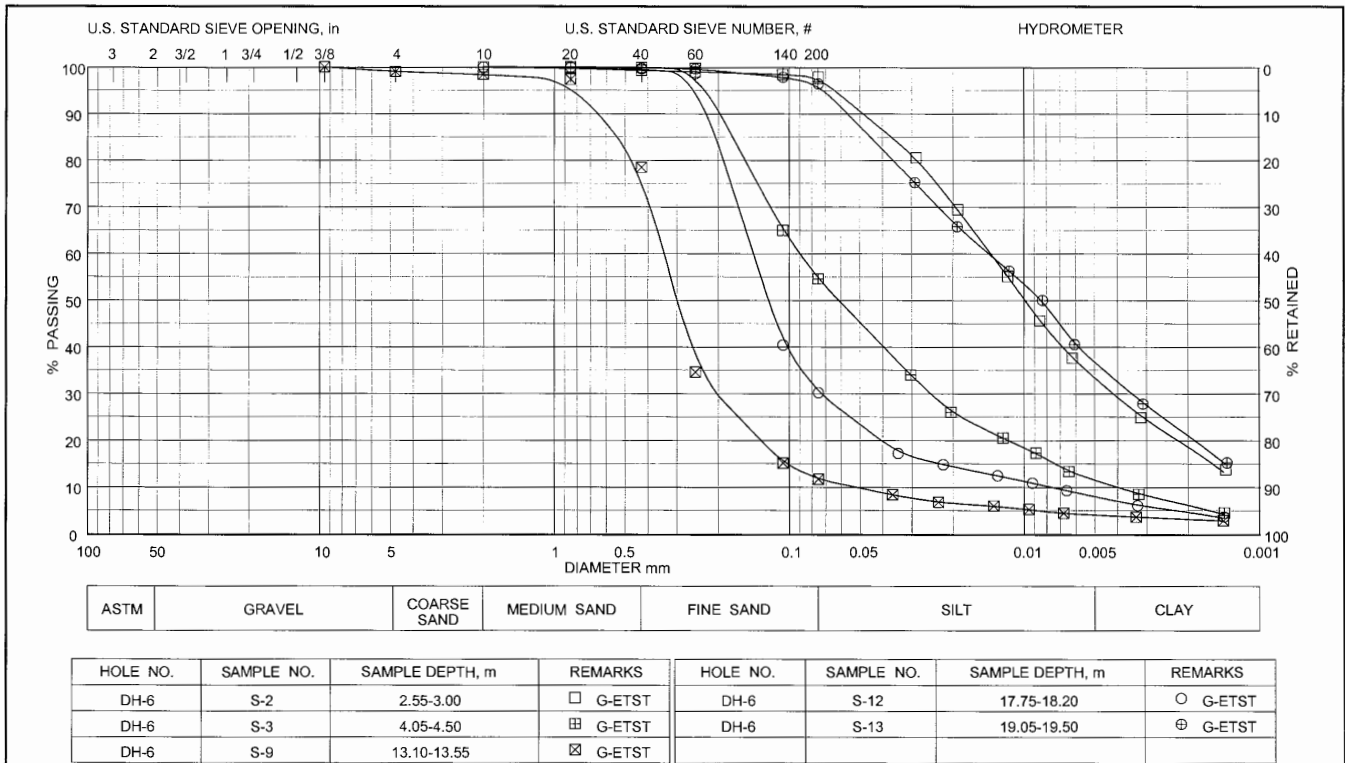
計畫名稱：台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務

大地工程試驗室土壤試驗報告


試驗者：C.A.L. 試驗日期：2013/4/18 報告簽署人：黃文雄

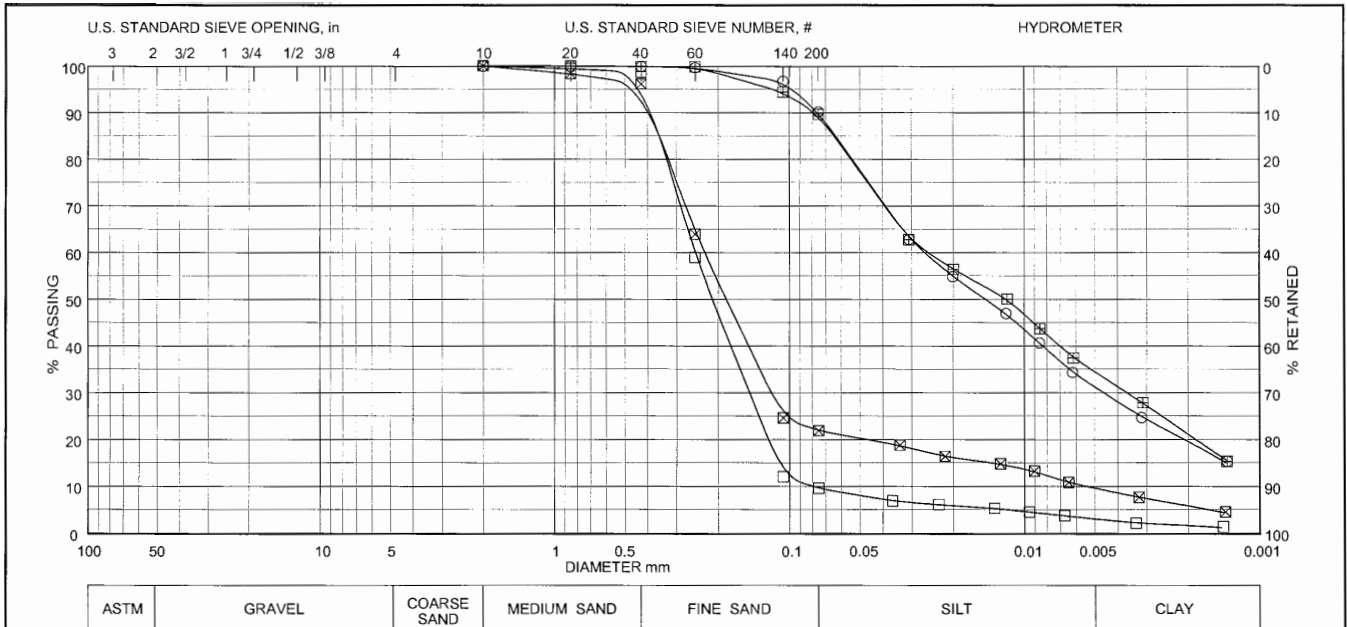
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4.*表示粒徑超過認可範圍或不符合試驗規範要求。

17/43 J-16



18/43 J-17

| | | | |
|---|---|-------------------|-----------------|
|  <p>MOH AND ASSOCIATES, INC. Consulting Engineers 亞新工程顧問股份有限公司</p> | PROJECT：台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務 | | |
| | GRAIN SIZE DISTRIBUTION | | |
| | TESTED BY：C.A.L. | CHECKED BY：W.C.H. | DATE：2013/04/18 |



| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-6 | S-17 | 25.05-25.50 | □ G-ETST | DH-6 | S-27 | 40.00-40.45 | ○ G-ETST |
| DH-6 | S-20 | 29.55-30.00 | ▣ G-ETST | | | | |
| DH-6 | S-25 | 37.05-37.50 | ⊠ G-ETST | | | | |



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GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L.

CHECKED BY : W.C.H.

DATE : 2013/04/18

19/43
J-18

LFS00707 VER3



報告編號 : 2013002

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|------------------|----------------------------|----------------------|---------------------------------|---------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|-------------------------|--------------------|--------------------------|-------------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-7 | S-2 | 2.55-3.00 | 38.0 | 2.71 | 43.4 | 18.9 | 0 | 2 | 65 | 33 | 12.9 | 1.0 | CL | Lean Clay | 粉質粘土/灰色/含微量草根有機物 | G-ETST | |
| DH-7 | S-5 | 7.05-7.50 | 36.5 | 2.70 | - | NP | 0 | 9 | 73 | 18 | 15.1 | 2.3 | ML | Silt | 砂質粉土/灰色 | G-ETST | |
| DH-7 | S-7 | 10.05-10.50 | 21.9 | 2.71 | - | NP | 0 | 39 | 48 | 13 | 23.4 | 2.0 | ML | Sandy Silt | 砂質粉土/灰色 | G-ETST | |
| DH-7 | S-13 | 19.05-19.50 | 23.5 | 2.72 | - | NP | 0 | 81 | 15 | 4 | 11.2 | 2.2 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-7 | S-15 | 22.05-22.50 | 16.3 | 2.71 | - | NP | 0 | 81 | 14 | 5 | 17.0 | 3.4 | SM | Silty Sand | 粉質細砂/灰色/含少量貝屑 | G-ETST | |
| DH-7 | S-17 | 25.05-25.50 | 19.0 | 2.70 | - | NP | 0 | 78 | 15 | 7 | 17.4 | 4.4 | SM | Silty Sand | 粉質細砂/灰色/含微量貝屑 | G-ETST | |
| DH-7 | S-22 | 32.55-33.00 | 29.4 | 2.73 | 36.3 | 15.3 | 0 | 12 | 55 | 33 | 23.4 | 0.5 | CL | Lean Clay | 粉質粘土/灰色/含少量細砂 | G-ETST | |
| DH-7 | S-25 | 37.05-37.50 | 36.7 | 2.75 | 41.2 | 15.1 | 0 | 26 | 46 | 28 | 37.2 | 0.9 | ML | Silt with Sand | 粉質粘土/灰色/含大量細砂 | G-ETST | |
| DH-7 | S-27 | 39.55-40.00 | 42.6 | 2.74 | 38.8 | 16.4 | 0 | 5 | 52 | 43 | 10.2 | 0.3 | CL | Lean Clay | 粉質粘土/灰色/含少量草根 | G-ETST | |



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大地工程試驗室土壤試驗報告

試驗者 : C.A.L.

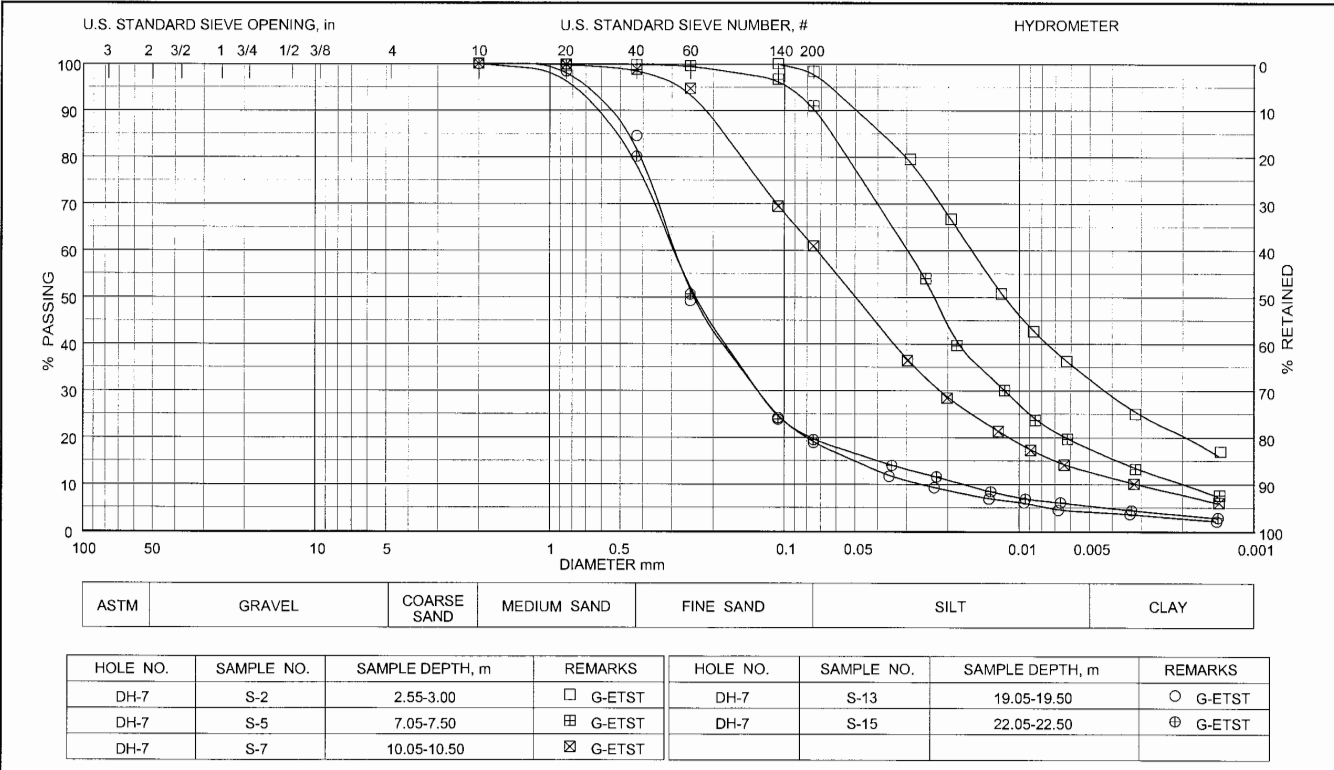
試驗日期 : 2013/4/18


報告簽署人 : 姜文攝

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20/43
J-19

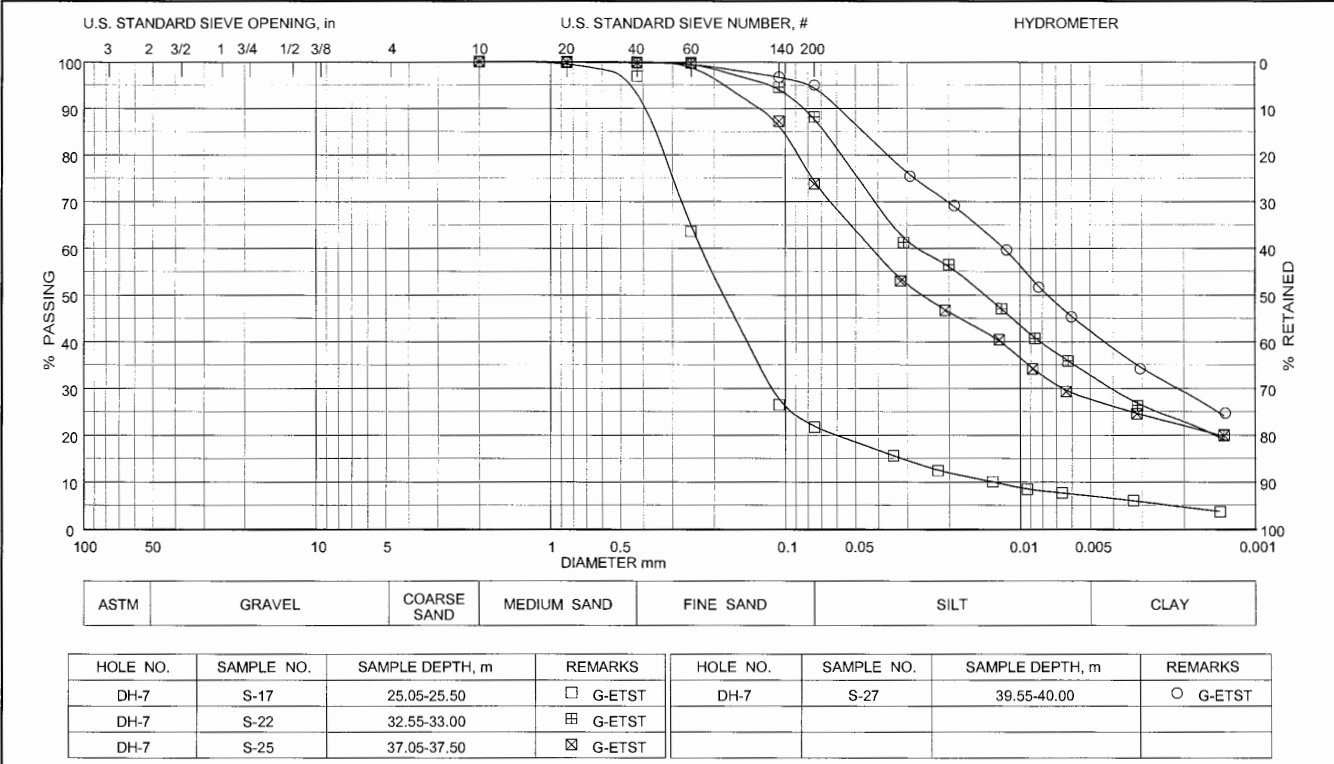
21/43 J-20





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GRAIN SIZE DISTRIBUTION
TESTED BY : C.A.L. **CHECKED BY** : W.C.H. **DATE** : 2013/04/18

22/43 J-21




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GRAIN SIZE DISTRIBUTION
TESTED BY : C.A.L. **CHECKED BY** : W.C.H. **DATE** : 2013/04/18

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|---------------|-------------------------|----------------------|------------------------------|------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|----------------------|------------------------------|--------------------------|----------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-8 | S-3 | 4.05-4.50 | 38.4 | 2.73 | 43.8 | 19.3 | 0 | 6 | 58 | 36 | 11.5 | 0.8 | CL | Lean Clay | 粉質粘土/灰色/含微量腐木有機物 | G-ETST | |
| DH-8 | S-7 | 10.05-10.50 | 26.7 | 2.70 | - | NP | 0 | 90 | 7 | 3 | 4.4 | 1.3 | SP-SM | Poorly Graded Sand with Silt | 粉質細砂/灰色 | G-ETST | |
| DH-8 | S-11 | 16.05-16.50 | 17.1 | 2.70 | - | NP | 0 | 81 | 14 | 5 | 11.7 | 4.1 | SM | Silty Sand | 粉質細砂/灰色 | G-ETST | |
| DH-8 | S-13 | 19.05-19.50 | 38.5 | 2.74 | 38.8 | 15.9 | 0 | 2 | 57 | 41 | 10.0 | 0.5 | CL | Lean Clay | 粉質粘土/灰色/含微量有機物 | G-ETST | |
| DH-8 | S-15 | 22.05-22.50 | 31.7 | 2.71 | - | NP | 0 | 39 | 40 | 21 | 50.1 | 1.2 | ML | Sandy Silt | 粉質細砂與粉質粘土互層/灰色 | G-ETST | |
| DH-8 | S-18 | 26.55-27.00 | 34.5 | 2.73 | 39.6 | 18.1 | 0 | 18 | 51 | 31 | 22.9 | 0.5 | CL | Lean Clay with Sand | 粉質粘土/灰色/含少量細砂貝屑 | G-ETST | |
| DH-8 | S-21 | 31.05-31.50 | 27.3 | 2.70 | - | NP | 0 | 86 | 9 | 5 | 6.3 | 2.9 | SM | Silty Sand | 粉質細砂/灰色/含微量貝屑粉質粘土薄層 | G-ETST | |
| DH-8 | S-23 | 34.05-34.50 | 33.1 | 2.72 | - | NP | 0 | 66 | 26 | 8 | 13.5 | 3.9 | SM | Silty Sand | 粉質細砂/灰色/含微量粉質粘土 | G-ETST | |
| DH-8 | S-27 | 40.00-40.45 | 25.7 | 2.71 | - | NP | 0 | 79 | 16 | 5 | 6.5 | 2.5 | SM | Silty Sand | 粉質細砂/灰色/含微量貝屑 | G-ETST | |



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大地工程試驗室土壤試驗報告

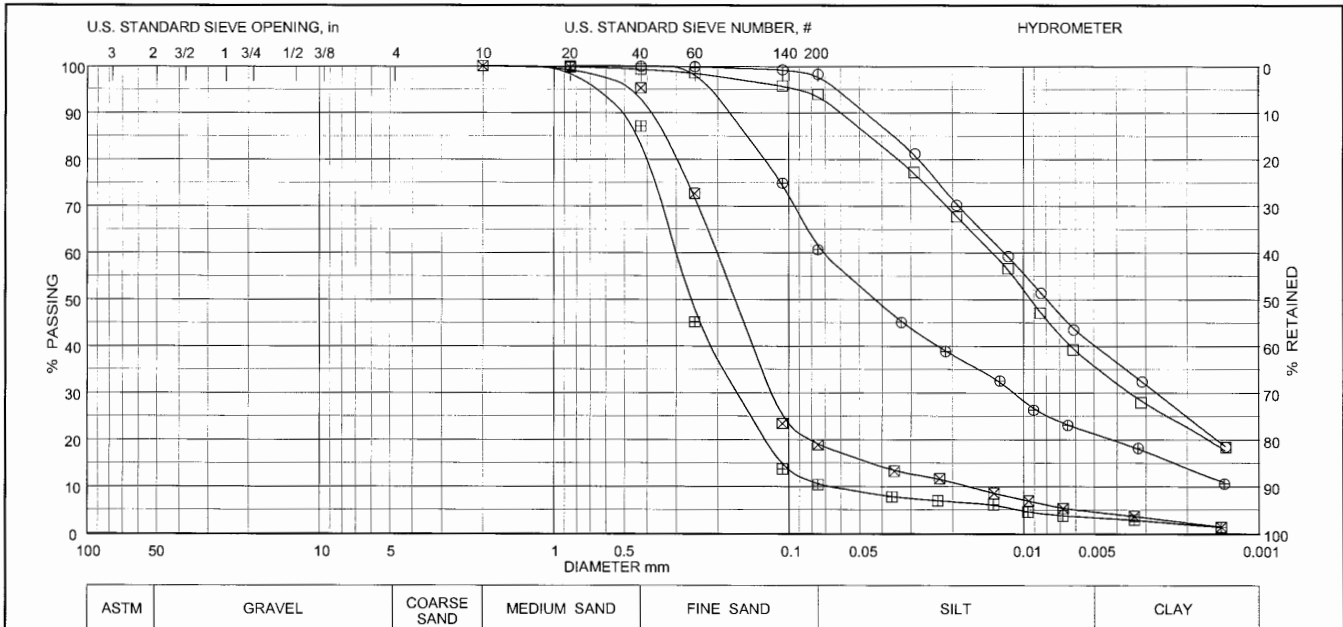
試驗者：C.A.L.

試驗日期：2013/4/18

報告簽署人：[Signature]

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23/43 J-22



| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-8 | S-3 | 4.05-4.50 | □ G-ETST | DH-8 | S-13 | 19.05-19.50 | ○ G-ETST |
| DH-8 | S-7 | 10.05-10.50 | ⊞ G-ETST | DH-8 | S-15 | 22.05-22.50 | ⊕ G-ETST |
| DH-8 | S-11 | 16.05-16.50 | ⊠ G-ETST | | | | |



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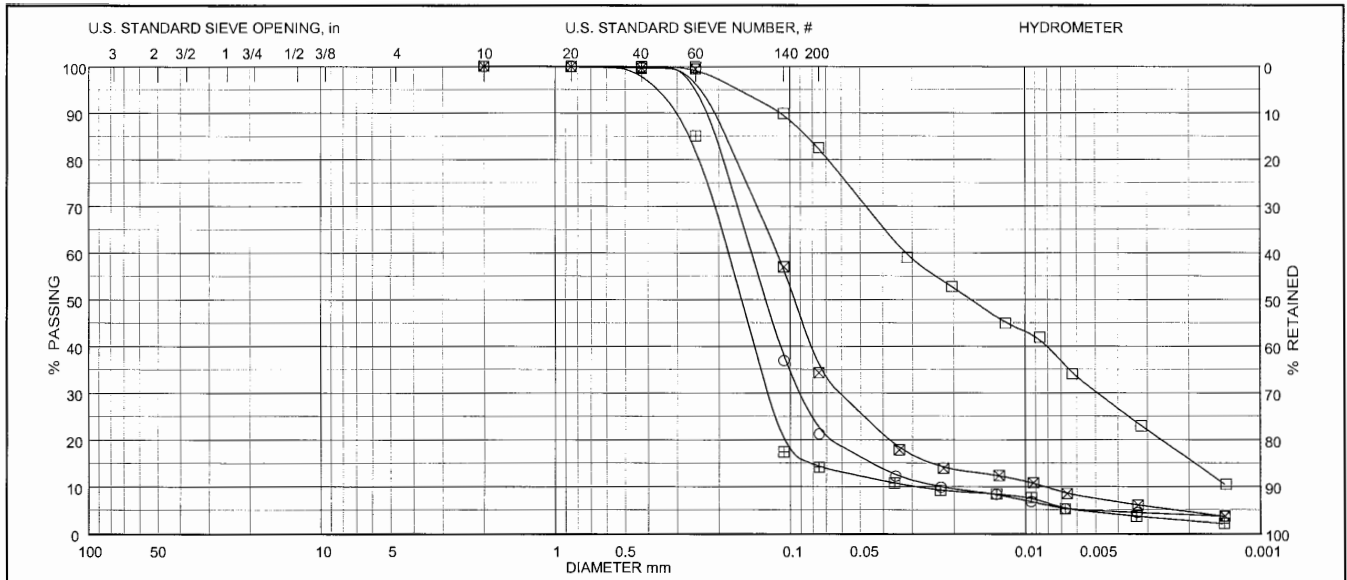
GRAIN SIZE DISTRIBUTION

TESTED BY：C.A.L.

CHECKED BY：W.C.H.

DATE：2013/04/18

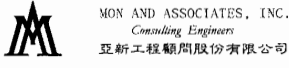
24/43 J-23



| | | | | | | |
|------|--------|-------------|-------------|-----------|------|------|
| ASTM | GRAVEL | COARSE SAND | MEDIUM SAND | FINE SAND | SILT | CLAY |
|------|--------|-------------|-------------|-----------|------|------|

| HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS | HOLE NO. | SAMPLE NO. | SAMPLE DEPTH, m | REMARKS |
|----------|------------|-----------------|----------|----------|------------|-----------------|----------|
| DH-8 | S-18 | 26.55-27.00 | □ G-ETST | DH-8 | S-27 | 40.00-40.45 | ○ G-ETST |
| DH-8 | S-21 | 31.05-31.50 | ▣ G-ETST | | | | |
| DH-8 | S-23 | 34.05-34.50 | ⊠ G-ETST | | | | |

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GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L. CHECKED BY : W.C.H. DATE : 2013/04/18

25/43 J-24



報告編號 : 2013002

LFS00707 VER3

| 孔號 Hole No. | 樣號 Sample No. | 深度 Depth m | 含水量 w _n % | 比重 G _s | 液性 限度 w _L % | 塑性 指數 I _p % | 粒徑分析 Grain Size % | | | | 均勻 係數 C _u | 曲率 係數 C _c | 分類符號 Group Symbol | 群組名稱 Group Name | 土壤描述 Soil Description | 試驗種類 Type of Test | 備註 Note |
|----------------|------------------|------------------|----------------------------|----------------------|---------------------------------|---------------------------------|-------------------|-----------|------------|------------|----------------------------|----------------------------|-------------------------|------------------------------|---------------------------|----------------------------|------------|
| | | | | | | | 礫石 Gravel | 砂 Sand | 粉土 Silt | 粘土 Clay | | | | | | | |
| DH-2 | T-1 | 24.62-24.67 | 37.0 | 2.73 | 40.5 | 18.0 | 0 | 15 | 48 | 37 | 16.6 | 0.5 | CL | Lean Clay with Sand | 粉質粘土/灰色/含少量細砂少量有機物 | CON-1 | |
| DH-5 | T-1 | 17.57-17.61 | 36.3 | 2.72 | 37.0 | 15.2 | 0 | 3 | 47 | 50 | 7.6 | 0.3 | CL | Lean Clay | 粉質粘土/灰色/含少量有機物 | CON-2 | |
| DH-7 | T-1 | 29.58-29.62 | 33.1 | 2.73 | 39.0 | 17.2 | 0 | 19 | 46 | 35 | 21.9 | 0.4 | CL | Lean Clay with Sand | 1/2粉質粘土/1/2砂質粘土/灰色/含少量有機物 | CON-3 | |
| DH-3 | T-1 | 32.09-32.20 | 39.8 | 2.72 | 40.4 | 18.7 | 0 | 12 | 45 | 43 | 10.7 | 0.4 | CL | Lean Clay | 粉質粘土/灰色/含少量細砂有機物 | UC-1 | |
| DH-5 | T-1 | 17.61-17.72 | 37.6 | 2.72 | 37.0 | 15.2 | 0 | 1 | 54 | 45 | 8.5 | 0.5 | CL | Lean Clay | 粉質粘土/灰色/含少量有機物 | UC-2 | |
| DH-1 | T-4 | 20.22-20.34 | 27.6 | 2.71 | - | NP | 0 | 87 | 9 | 4 | 8.1 | 3.5 | SM | Silty Sand | 粉質中細砂/灰色 | DS-1 | |
| DH-6 | T-1 | 10.64-10.74 | 34.8 | 2.71 | - | NP | 0 | 84 | 13 | 3 | 3.2 | 1.2 | SM | Silty Sand | 粉質細砂/灰色 | DS-2 | |
| DH-6 | T-2 | 17.26-17.59 | 32.9 | 2.71 | - | NP | 0 | 25 | 63 | 12 | 16.6 | 2.5 | ML | Silt with Sand | 砂質粉土/灰色/含少量有機物 | UUU-1 | |
| DH-2 | T-1 | 24.70-25.03 | 39.4 | 2.73 | 40.5 | 18.0 | 0 | 4 | 51 | 45 | 9.1 | 0.4 | CL | Lean Clay | 粉質粘土/灰色/含少量細砂有機物 | TC-1 | |
| DH-4 | T-1 | 8.28-8.61 | 31.1 | 2.71 | - | NP | 0 | 90 | 8 | 2 | 4.6 | 1.5 | SP-SM | Poorly Graded Sand with Silt | 粉質細砂/灰色/含大量中砂 | TC-2 | |
| DH-7 | T-1 | 29.73-30.06 | 35.2 | 2.73 | 39.0 | 17.2 | 0 | 17 | 45 | 38 | 20.9 | 0.3 | CL | Lean Clay with Sand | 粉質粘土/灰色/含少量細砂有機物 | TC-3 | |



計畫名稱 : 台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務

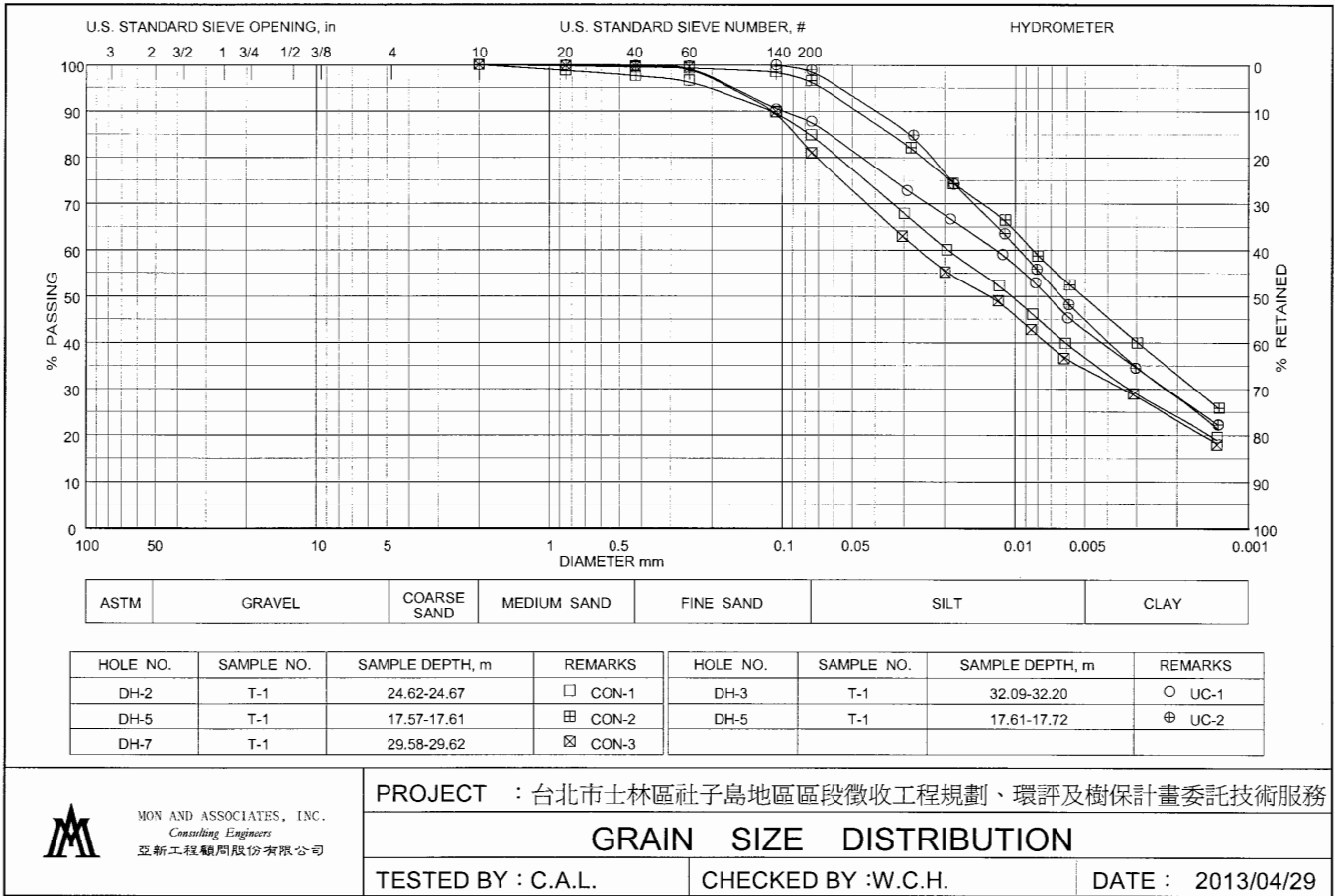
大地工程試驗室土壤試驗報告

試驗者 : C.A.L. 試驗日期 : 2013/4/29 報告簽署人 : 吳文攝/9

1. 本分類報告所列紀錄僅對樣品負責。
 2. 本報告不得塗改及摺錄複製。
 3. 含水量試驗係依據ASTM D2216-10、比重試驗係依據ASTM D854-10、阿太堡限度及指數試驗係依據ASTM D4318-10、粒徑分析試驗係依據ASTM D422-63、試驗分類係依據ASTM D2487-10標準施行。粒徑分佈曲線詳附件。
 4.*: 表示粒徑超過範圍或不符合試驗規範要求。

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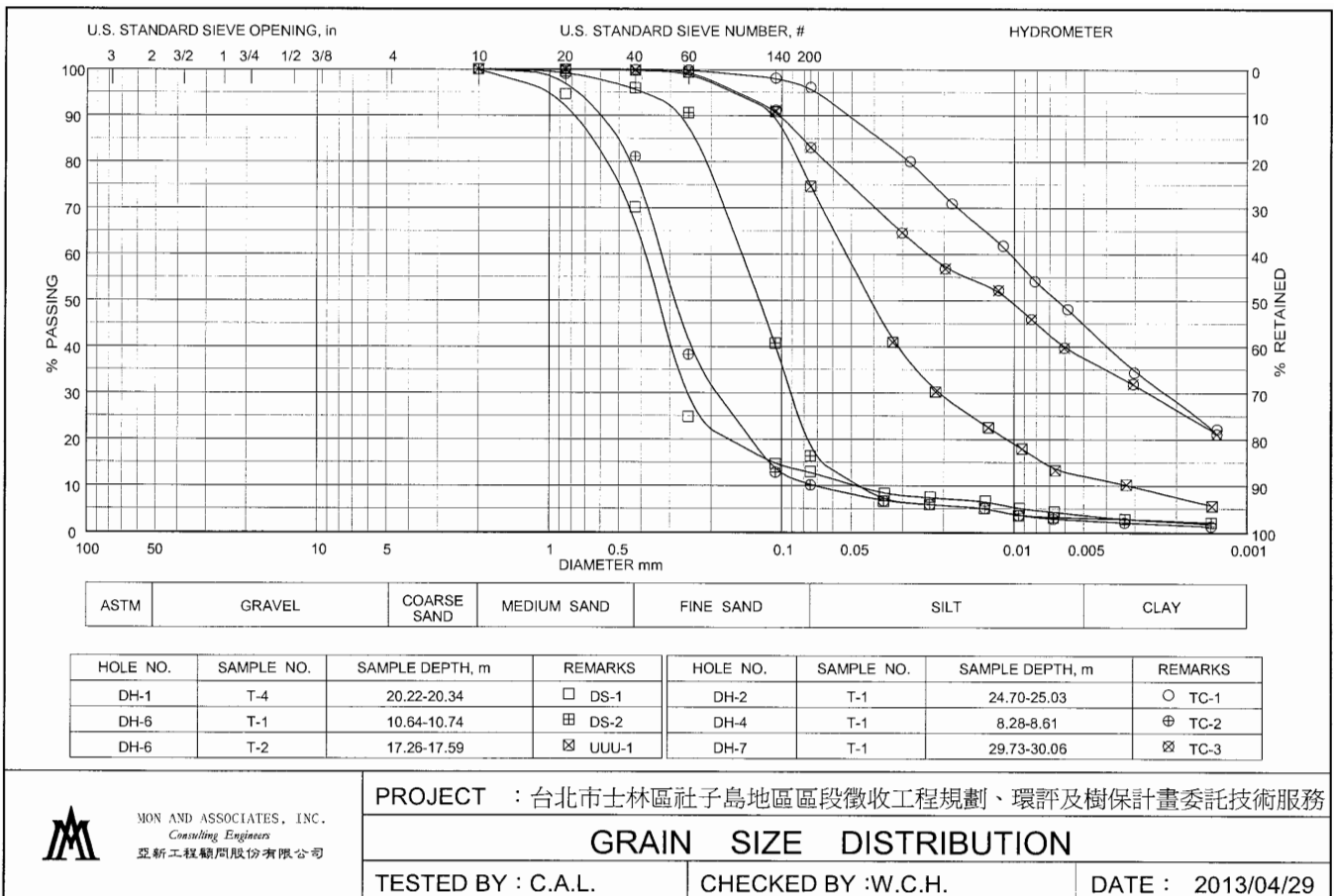
MON AND ASSOCIATES, INC.
Consulting Engineers
亞新工程顧問股份有限公司

PROJECT : 台北市士林區社子島地區區段徵收工程規劃、環評及樹保計畫委託技術服務

GRAIN SIZE DISTRIBUTION

TESTED BY : C.A.L. CHECKED BY : W.C.H. DATE : 2013/04/29

28/43 J-27



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