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|---|----------|----------------|------------|-----------------|-------------------------------|-------------|------------|--------|
|  | | | PROJECT | | Mt Nansen TA5 2013 SI Program | | | |
| | | | JOB No. | VM00605E.523.20 | LAB No. | N/A | | |
| ATTERBERG LIMITS | | | DATE | 11/15/13 | | REPORTED BY | MR | |
| | HOLE | TP-T-13-04 | TP-T-13-04 | | BH-T-13-04 | | GP-T-13-10 | |
| | SAMPLE | GS5 | GS3 | | GS2 | | N/A | |
| | DEPTH(m) | 3.0-3.1 | 2.1-2.2 | | 8.7-8.8 | | 4.5-5.5 | |
| LIQUID LIMIT | | | | | | | | |
| TRIAL NO. | | 1 | 2 | | 1 | 2 | 1 | 2 |
| NO. OF BLOWS | | 23 | 24 | | 24 | 23 | 26 | 27 |
| CONTAINER NO. | | J-30 | 53 | | 66 | B-3 | B-13 | B-11 |
| WT. OF WET SAMPLE + TARE | | 28.598 | 31.308 | NON PLASTIC | 28.754 | 30.567 | 28.018 | 30.292 |
| WT. OF DRY SAMPLE + TARE | | 25.444 | 27.400 | | 25.437 | 27.012 | 24.586 | 26.268 |
| TARE OF CONTAINER | | 15.958 | 15.700 | | 16.642 | 17.542 | 16.923 | 17.371 |
| WT. OF WATER | | 3.154 | 3.908 | | 3.317 | 3.555 | 3.432 | 4.024 |
| WT. OF DRY SOIL | | 9.486 | 11.700 | | 8.795 | 9.470 | 7.663 | 8.897 |
| WATER CONTENT % | | 33.2 | 33.4 | | 37.7 | 37.5 | 44.8 | 45.2 |
| CORR'D WATER CONTENT % | | 32.9 | 33.2 | | 37.5 | 37.2 | 45.0 | 45.7 |
| PLASTIC LIMIT | | | | | | | | |
| TRIAL NO. | | 1 | 2 | | 1 | 2 | 1 | 2 |
| CONTAINER NO. | | 232 | J-62 | | 450 | 205 | B-5 | B-6 |
| WT. OF WET SAMPLE + TARE | | 22.860 | 19.619 | | 29.098 | 26.230 | 27.917 | 23.572 |
| WT. OF DRY SAMPLE + TARE | | 21.299 | 18.159 | | 27.070 | 24.522 | 25.649 | 21.572 |
| TARE OF CONTAINER | | 14.857 | 12.272 | | 18.740 | 17.497 | 17.730 | 14.524 |
| WT. OF WATER | | 1.561 | 1.460 | | 2.028 | 1.708 | 2.268 | 2.000 |
| WT. OF DRY SOIL | | 6.442 | 5.887 | | 8.330 | 7.025 | 7.919 | 7.048 |
| WATER CONTENT % | | 24.2 | 24.8 | | 24.3 | 24.3 | 28.6 | 28.4 |
| SHRINKAGE LIMIT | | | | | | | | |
| TRIAL NO. | | 1 | 2 | | 1 | 2 | 1 | 2 |
| CONTAINER NO. | | | | | | | | |
| WT. OF WET SAMPLE + TARE | | | | | | | | |
| WT. OF DRY SAMPLE + TARE | | | | | | | | |
| TARE OF CONTAINER | | | | | | | | |
| WT. OF WATER | | | | | | | | |
| WT. OF DRY SOIL | | | | | | | | |
| WATER CONTENT % | | | | | | | | |
| VOL. OF CONTAINER | | | | | | | | |
| VOL. OF DRY SOIL PAT | | | | | | | | |
| SHRINKAGE VOL. | | | | | | | | |
| BLOW FACTORS | | W _L | 33.1 | | 37.3 | 45.3 | | |
| NO. | ASTM | W _P | 24.5 | | 24.3 | 28.5 | | |
| 20 | 0.974 | W _S | | | | | | |
| 21 | 0.979 | W _n | | | | | | |
| 22 | 0.985 | I _P | 8.6 | | 13.0 | 16.8 | | |
| 23 | 0.990 | I _f | | | | | | |
| 24 | 0.995 | I _t | | | | | | |
| 25 | 1.000 | I _L | | | | | | |
| 26 | 1.005 | A-LINE | 9.5 | | 12.7 | 18.5 | | |
| 27 | 1.009 | PLASTICITY | ML or OL | | CI | ML or OL | | |
| 28 | 1.014 | REMARKS | | | | | | |
| 29 | 1.018 | | | | | | | |
| 30 | 1.022 | | | | | | | |