

| Item | Metadata |
|---------------------------------------------------------------------------------------------|--------------------------------------------------|
| Horizontal Datum: | NAD83 CSRS Epoch 2002 |
| Vertical Datum: | CGVD28 (HT v2.0 Geoid) |
| Coordinate Projection: | UTM Zone 9 North, metres |
| Date: | July 1 2016 |
| Prevailing weather conditions including temperature: | Not recorded |
| Purpose of data collection for that day: | Measure Drill Holes and Collars |
| Name of company submitting the data: | Challenger Geomatics Ltd. |
| Name, license number, and stamp, of the licensed surveyor: | Paul Burbidge, Commission number 1787 |
| Name of field crew chief: | Nathan Conroy, Party Chief |
| Names of other crew members and responsibilities: | |
| Type of data collection (GPS RTK, handheld GPS, other): | Leica Viva RTK GNSS |
| ID of pre-existing control monument used as RTK base station or initial check for handheld: | 2816, 2819 |
| Other control monuments checked and amount of measured discrepancy: | 2817 (0.003 H, 0.002 V), 2800 (0.002 H, 0.016 V) |
| ID of new control monuments established: | NA |
| Issues encountered and how they were resolved: | None |
| Notes from field crew chief: | |

| Point_ID | Northing | Easting | Elevation | Code | Notes |
|----------|-------------|-------------|-----------|----------------------------|------------------------------------------------------------------|
| GP4F23 | 6813385.983 | 419399.999 | 1365.619 | Staked Drill Hole Location | Same as GP4F69 |
| GP4F69 | 6813385.983 | 419399.999 | 1365.619 | Staked Drill Hole Location | Same as GP4F23 |
| GP4F63 | 6813220.008 | 419505.004 | 1333.872 | Staked Drill Hole Location | Same as GP4F65 |
| GP4F65 | 6813220.008 | 419505.004 | 1333.872 | Staked Drill Hole Location | Same as GP4F63 |
| GP4F64 | 6813455.016 | 419519.995 | 1352.453 | Staked Drill Hole Location | |
| GP4F66 | 6813394.985 | 419570.013 | 1337.941 | Staked Drill Hole Location | Same as GP4F67 |
| GP4F67 | 6813394.985 | 419570.013 | 1337.941 | Staked Drill Hole Location | Same as GP4F66 |
| GP4F68 | 6813180.025 | 419649.991 | 1313.604 | Staked Drill Hole Location | |
| GP4F70 | 6813208.025 | 419399.988 | 1349.278 | Staked Drill Hole Location | |
| K16-354 | 6815067.709 | 415149.889 | 1406.322 | Krakatoa | Found no evidence. Driller on site gave location as no mark left |
| K16-355 | 6815067.709 | 415149.889 | 1406.322 | Krakatoa | Found no evidence. Driller on site gave location as no mark left |
| K16-356 | | not drilled | | | Not Drilled- was re-drilled as K16-357 |
| K16-357 | 6815282.542 | 415212.134 | 1426.541 | Krakatoa | Dry |
| K16-358 | 6815167.039 | 415104.787 | 1393.96 | Krakatoa | Dry |
| K16-359 | 6815283.597 | 415212.221 | 1426.484 | Krakatoa | Dry |

| Point_ID | Northing | Easting | Elevation | Code | Notes |
|----------|-------------|------------|-----------|------------------|---------------------------------------------------------------------------------------------------------|
| K16-360 | 6815168.31 | 415104.728 | 1393.874 | Krakatoa | Dry |
| K16-361 | 6815308.954 | 415048.707 | 1385.429 | ABM | Dry |
| K16-362 | 6815368.347 | 415019.128 | 1384.204 | ABM | Dry |
| K16-363 | 6815211.979 | 415239.214 | 1441.181 | Krakatoa | Tied Collar- 0.2m above ground- Dry- Zenith= $\pm 150^\circ$ @ $\pm 180^\circ$ |
| K16-364 | 6815348.846 | 414795.816 | 1400.502 | ABM | Wet from drainage |
| K16-365 | 6815398.31 | 414747.648 | 1409.232 | ABM-ABM102 | Dry |
| K16-366 | 6815345.271 | 414676.455 | 1424.284 | ABM-ABM100 | Dry |
| K16-367 | 6815185.899 | 415073.842 | 1386.377 | Krakatoa-KRAK007 | Dry |
| K16-368 | 6815015.705 | 415219.23 | 1419.274 | Sebesi-SEB002 | Dry |
| K16-369 | 6815212.141 | 415240.268 | 1441.236 | Krakatoa-KRAK034 | *ASSUMED* No # on stake. Tied Collar- Flush with ground- Dry- Zenith= $\pm 150^\circ$ @ $\pm 180^\circ$ |
| K16-370 | 6815186.12 | 415074.044 | 1386.375 | Krakatoa-KRAK009 | Dry |
| K16-371 | 6814957.742 | 414945.096 | 1388.696 | Krakatoa-GT04 | Dry |
| K16-373 | 6815031.826 | 414908.291 | 1385.435 | Krakatoa-GT02 | Dry |
| K16-375 | 6815417.532 | 414503.246 | 1469.364 | ABM-ABM91 | Dry |
| K16-376 | 6815128.282 | 415074.37 | 1385.405 | Krakatoa-GT03 | Dry |