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GEOTECHNICAL INSTRUMENTATION TRACK RECORD BETWEEN 2008 AND 2020

01.	Project	: COMPASSVALE LINK PRIMARY SCHOOL	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 16 x Ground Settlement Marker	
	Purpose	: Monitoring lateral movement, water table and ground settlement	
	Duration	: January 2008 to March 2009	
02.	Project	: KALLANG ROAD / JELlicoe CONDOMINIUM	(SINGAPORE)
	Client	: V3 CONSTRUCTION PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe, 6 x Piezometer, 26 x Settlement Marker and 12 Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, Ground settlement and XYZ coordinate	
	Duration	: March 2008 to November 2009	
03.	Project	: LEWIS ROAD CODOMINIUM (TANGLIN PLANNING AREA)	(SINGAPORE)
	Client	: WESTBUILD CONSTRUCTION PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 4 x Piezometer, 6 x Tilt Plate, 16 x Ground Settlement Marker and 6 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement and Building settlement	
	Duration	: October 2008 to July 2009	
04.	Project	: DTSS River Valley Sewers Contract PH-2	(SINGAPORE)
	Client	: BUILDING CONSTRUCTION AUTHORITY (BCA)	
	Instruments	: 2 x Inclinator, 2 x Water Standpipe, 2 x Piezometer	
	Purpose	: Monitoring lateral movement, water table/water pressure	
	Duration	: July 2008 to January 2010	
05.	Project	: ANCHORVALE PRIMARY SCHOOL	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 4 x Piezometer	
	Purpose	: Monitoring lateral movement, water table/water pressure	
	Duration	: October 2008 to January 2010	

06.	Project	: ST. THOMAS WALK CONDOMINIUM	(SINGAPORE)
	Client	: WESTBUILD CONSTRUCTION PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe, 6 x Piezometer, 24 x Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, Ground settlement	
	Duration	: November 2009 to October 2011	

07.	Project	: TAI SENG STREET WAREHOUSE	(SINGAPORE)
	Client	: JH PROJECTS PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 4 x Piezometer, 20 x Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, Ground settlement	
	Duration	: October 2009 to September 2010	

08.	Project	: 48 SHANGHAI ROAD CONDOMINIUM	(SINGAPORE)
	Client	: SM FOUNDATION MACHINERY PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe	
	Purpose	: Monitoring lateral movement, water table	
	Duration	: June 2009 to February 2010	

09.	Project	: ADMIRALTY ROAD WAREHOUSE	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 4 x Inclinator, 20 x Settlement Marker	
	Purpose	: Monitoring lateral movement, Ground settlement	
	Duration	: May 2009 to May 2010	

10.	Project	: NO. 23 AMBER ROAD (SEAVIEW CONDOMINIUM)	(SINGAPORE)
	Client	: CIVIL TECH PTE LTD	
	Instruments	: 4 x Inclinator, 6 x Tilt-Plate, 4 x Crack Meter and 12 x Ground Settlement	
	Purpose	: Monitoring lateral movement, tilting of structure, displacement across cracks and/or expansion joints in three directions and settlement	
	Duration	: May 2010 to March 2011	

11.	Project	: 23 ANGULLIA PARK CONDOMINIUM	(SINGAPORE)
	Client	: RESOURCE PILING PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe	
	Purpose	: Monitoring lateral movement, water table	
	Duration	: Nov 2010 to May 2011	

12.	Project	: 65 BELMONT ROAD CONDOMINIUM	(SINGAPORE)
	Client	: HUAT BUILDERS PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe	
	Purpose	: Monitoring lateral movement, water table	
	Duration	: February 2010 to May 2010	

13.	Project	: MINISTRY OF MANPOWER OFFICE BUILDING	(SINGAPORE)
	Client	: RESOURCE PILING PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe and 36 x Ground Settlement	
	Purpose	: Monitoring lateral movement, water table and settlement	
	Duration	: July 2010 to September 2010	

14.	Project	: MINISTRY OF MANPOWER OFFICE BUILDING	(SINGAPORE)
	Client	: ZHENG KENG ENGINEERING & CONSTRUCTION PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe and 36 x Ground Settlement	
	Purpose	: Monitoring lateral movement, water table and settlement	
	Duration	: September 2010 to January 2012	

15.	Project	: 52 CHIN SWEE ROAD (SEACARE HOTEL)	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe, 6 x Tilt Plate, 28 x Ground Settlement Marker and 14 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table, tilting of structure, Ground settlement and Building settlement	
	Duration	: June 2010 to February 2012	

16.	Project	: ELLIOT ROAD / MARINE PARADE ROAD CONDOMINIUM	(SINGAPORE)
	Client	: V3 CONSTRUCTION PTE LTD	
	Instruments	: 8 x Inclinator, 8 x Water Standpipe, 8 x Piezometer, 12 x Tilt Plate, 36 x Ground Settlement Marker and 8 x Building Settlement Marker, 16 x Strain Gauge	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and load changes on the strut	
	Duration	: May 2010 to May 2011	

17.	Project	: HILLVIEW AVENUE CONDOMINIUM	(SINGAPORE)
	Client	: RYOBI-KISO (S) PTE LTD	
	Instruments	: 6 x Inclinator, 8 x Tilt Plate, 25 x Ground Settlement Marker and 12 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, tilting of structure, Ground settlement and Building settlement	
	Duration	: October 2010 to April 2011	

18.	Project	: NO. 85 HYTHE ROAD CONDOMINIUM	(SINGAPORE)
	Client	: OCL CONSTRUCTION PTE LTD	
	Instruments	: 8 x Inclinator, 8 x Water Standpipe, 36 x Ground Settlement Marker	
	Purpose	: Monitoring lateral movement, water table and Ground settlement	
	Duration	: January 2010 to May 2010	

19.	Project	: 32 KINGSWEAR AVENUE TOWN HOUSE	(SINGAPORE)
	Client	: WORKSHOP I.D. PTE LTD	
	Instruments	: 4 x Inclinator, 6 x Tilt Plate, 12 x Ground Settlement Marker and 6 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, tilting of structure, Ground settlement and Building settlement	
	Duration	: August 2010 to December 2010	

20.	Project	: OASIA HOTEL NOVENA (SINARAN DRIVE SERVICE ROAD)	(SINGAPORE)
	Client	: FUCHIANG CONSTRUCTION PTE LTD	
	Instruments	: 5 x Inclinator, 5 x Water Standpipe, 52 x Ground Settlement Marker, 32 x Strain Gauge	
	Purpose	: Monitoring lateral movement, water table, Ground settlement and load changes on the strut	
	Duration	: June 2010 to August 2012	

21.	Project	: WIDENING OF EXPRESSWAY SLIP ROAD	(SINGAPORE)
	Client	: QUEK & QUEK CIVIL ENGINEERING PTE LTD	
	Instruments	: 40 x Ground Settlement Marker and 16 x Prism	
	Purpose	: Ground settlement and XYZ coordinate	
	Duration	: January 2010 to November 2011	

22.	Project	: TOH TUCK ROAD CONDOMINIUM	(SINGAPORE)
	Client	: WESTBUILD CONSTRUCTION PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe, 6 x Piezometer, 12 x Tilt Plate, 28 x Ground Settlement Marker and 12 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement	
	Duration	: May 2010 to August 2011	

23.	Project	: 21 WILKINSON ROAD TOWNHOUSE	(SINGAPORE)
	Client	: BUILDER 265 PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 4 x Piezometer, 6 x Tilt Plate, 18 x Ground Settlement Marker and 6 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement	
	Duration	: April 2010 to February 2011	

24.	Project	: 30 ALEXANDARA LANE WAREHOUSE	(SINGAPORE)
	Client	: TOP PAVE PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe, 6 x Piezometer, 4 x Tilt Plate, 18 x Ground Settlement Marker and 4 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement	
	Duration	: August 2011 to July 2012	

25.	Project	: FARRER PARK PRIMARY SCHOOL	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 4 x Piezometer, 10 x Tilt Plate, 22 x Ground Settlement Marker and 10 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement	
	Duration	: November 2011 to April 2012	

26.	Project	: SINGAPORE DATA CENTRE @ KIM CHUAN ROAD	(SINGAPORE)
	Client	: GEO DYNAMICS PTE LTD	
	Instruments	: 8 x Inclinator, 8 x Water Standpipe, 8 x Piezometer, 10 x Tilt Plate, 42 x Ground Settlement Marker and 6 x Building Settlement Marker, 24 x Strain Gauge	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and load changes on the strut	
	Duration	: July 2011 to December 2011	

27.	Project	: OXLEY RISE CONDOMINIUM @ 43 OXLEY ROAD	(SINGAPORE)
	Client	: ACACIA PILING PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe, 6 x Piezometer, 16 x Ground Settlement Marker and 8 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, Ground settlement, Building settlement	
	Duration	: January 2011 to August 2011	

28.	Project	: WORKSHOP BUILDING @ PASIR LABA ARMY CAMP	(SINGAPORE)
	Client	: QUEK & QUEK CIVIL ENGINEERING PTE LTD	
	Instruments	: 8 x Inclinator in CBP wall	
	Purpose	: Monitoring lateral movement	
	Duration	: July 2011 to December 2011	

29.	Project	: OXLEY RISE CONDOMINIUM @ 43 OXLEY ROAD	(SINGAPORE)
	Client	: CHINA CONSTRUCTION (S.P) DEV CO PTE LTD	
	Instruments	: 8 x Inclinator, 8 x Water Standpipe, 8 x Piezometer, 10 x Tilt Plate, 42 x Ground Settlement Marker and 6 x Building Settlement Marker, 12 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: September 2011 to 2013	

30.	Project	: NO. 23 AMBER ROAD (SEAVIEW CONDOMINIUM)	(SINGAPORE)
	Client	: CHINA CONSTRUCTION REALTY CO PTE LTD	
	Instruments	: 4 x Inclinator, 6 x Tilt-Plate, 4 x Crack Meter and 12 x Ground Settlement	
	Purpose	: Monitoring lateral movement, tilting of structure, Ground settlement	
	Duration	: December 2011 to 2013	

31.	Project	: TUAS WEST EXTENSION AT JOO KOON SITE	(SINGAPORE)
	Client	: SAMBO ENGINEERING & CONSTRUCTION CO LTD	
	Instruments	: 2 x Inclinator	
	Purpose	: Monitoring lateral movement for plate loading test	
	Duration	: 2012	

32.	Project	: TOWNHOUSE @ NO 24 & 26 LIM AH PIN ROAD	(SINGAPORE)
	Client	: WORKSHOP ID & BUILD PTE LTD	
	Instruments	: 4 x Inclinator, 6 x Tilt Plate, 20 x Ground Settlement Marker	
	Purpose	: Monitoring lateral movement, tilting of structure, Ground settlement	
	Duration	: April 2012 to August 2012	

33.	Project	: CONDOMINIUM @ NASSIM ROAD	(SINGAPORE)
	Client	: HUAT BUILDERS PTE LTD	
	Instruments	: 6 x Inclinator, 6 x Water Standpipe, 6 x Piezometer, 4 x Tilt Plate, 32 x Ground Settlement Marker and 6 x Building Settlement Marker, 12 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: January 2012 to August 2012	

34.	Project	: TUAS WEST EXTENSION FOR BARRETTE PILE UPLT (L)-2	(SINGAPORE)
	Client	: SAMBO ENGINEERING & CONSTRUCTION CO LTD	
	Instruments	: 4 x Inclinator	
	Purpose	: Monitoring lateral movement for plate loading test	
	Duration	: May to June 2012	

35.	Project	: TUAS WEST EXTENSION FOR BORED PILE UPLT (L)-5	(SINGAPORE)
	Client	: SAMBO ENGINEERING & CONSTRUCTION CO LTD	
	Instruments	: 2 x Inclinator	
	Purpose	: Monitoring lateral movement for plate loading test	
	Duration	: November 2012	

36.	Project	: TUAS WEST EXTENSION FOR BARRETTE PILE UPLT (L)-8	(SINGAPORE)
	Client	: SAMBO ENGINEERING & CONSTRUCTION CO LTD	
	Instruments	: 8 x Inclinator	
	Purpose	: Monitoring lateral movement for plate loading test	
	Duration	: November 2012 to January 2013	

37.	Project	: BEDOK SOUTH AVENUE 3 FOR BORED PILE LATERAL TEST	(SINGAPORE)
	Client	: ROTARY PILING PTE LTD	
	Instruments	: 8 x Inclinator	
	Purpose	: Monitoring lateral movement for plate loading test	
	Duration	: January to February 2013	

38.	Project	: CONDOMINIUM @ NO 87 DUCHESS AVENUE	(SINGAPORE)
	Client	: BS CONSTRUCTION SERVICES PTE LTD	
	Instruments	: 4 x Inclinometer, 4 x Tilt Plate, 12 x Ground Settlement Marker and 6 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, tilting of structure, Ground settlement, Building settlement	
	Duration	: June 2012 to March 2013	

39.	Project	: CONDOMINIUM @ 500 DOVER ROAD (QUEENSTOWN)	(SINGAPORE)
	Client	: CKT THOMAS PTE LTD	
	Instruments	: 6 x Inclinometer, 6 x Water Standpipe, 4 x Tilt Plate, 32 x Ground Settlement Marker	
	Purpose	: Monitoring lateral movement, water table, tilting of structure, Ground settlement	
	Duration	: July 2012 to October 2012	

40.	Project	: CONDOMINIUM @ 57 TANJONG KATONG ROAD	(SINGAPORE)
	Client	: CHINA CONSTRUCTION REALTY CO PTE LTD	
	Instruments	: 12 x Inclinometer, 12 x Water Standpipe, 12 x Piezometer, 10 x Tilt Plate, 48 x Ground Settlement Marker and 10 x Building Settlement Marker, 16 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: April 2012 to March 2013	

41.	Project	: SKYLINE RESIDENCE PROJECT (TELOK BLANGAH)	(SINGAPORE)
	Client	: HEXACON CONSTRUCTION PTE LTD	
	Instruments	: 8 x Inclinometer, 8 x Water Standpipe, 8 x Piezometer, 8 x Tilt Plate, 26 x Ground Settlement Marker and 8 x Building Settlement Marker, 12 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: July 2012 to March 2013	

42.	Project	: RESIDENCE PROJECT @ LORONG N TELOK KURAU	(SINGAPORE)
	Client	: HEXACON CONSTRUCTION PTE LTD	
	Instruments	: 10 x Inclinometer, 10 x Water Standpipe, 10 x Piezometer, 6 x Tilt Plate, 32 x Ground Settlement Marker and 6 x Building Settlement Marker, 4 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: May 2012 to March 2013	

43.	Project	: CHEMICAL PLANT @ TEMBUSU ROAD (JURONG ISLAND)	(SINGAPORE)
	Client	: HSL CONSTRUCTOR PTE LTD	
	Instruments	: 4 x Inclinometer, 4 x Water Standpipe, 8 x Tilt Plate, 24 x Strain Gauge 60 x Ground Settlement Marker and 24 x Building Settlement Marker, 32 x Prism	
	Purpose	: Monitoring lateral movement, water table, tilting of structure, load changes on the strut, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: August 2012 to March 2013	

44. Project	: 28 LORONG 30 GEYLANG	(SINGAPORE)
Client	: EAST ASIA ENGINEERING & CONSTRUCTION PTE LTD	
Instruments	: 18 x Ground Settlement Marker and 6 x Building Settlement Marker, 6 x Crack Meter	
Purpose	: Monitoring lateral movement and XYZ coordinate	
Duration	: February to September 2014	

45. Project	: T-228 @ MARINA MALL (UNDERGROUND STATION)	(SINGAPORE)
Client	: BACHY SOLETANCHE (S) PTE LTD	
Instruments	: Vibrating Wire Piezometer & Casagrande Piezometer	
Purpose	: Monitoring dewatering schemes, ground improvement works, vertical drain, sand drains and dynamic compaction, pore-pressures to determine safe rates of fill or excavation, the stability of natural and cut slopes, seepage and groundwater movement in embankments, land fill, dikes and dams, water levels in wells and standpipes, lakes, reservoirs and rivers	
Duration	: December 2014 to September 2015	

46. Project	: FARRER HOSPITAL @ FARRER ROAD	(SINGAPORE)
Client	: HEXACON CONSTRUCTION PTE LTD	
Instruments	: 4 x Inclinator, 4 x Water Standpipe, 8 x Tilt Plate, 60 x Ground Settlement Marker and 24 x Building Settlement Marker	
Purpose	: Monitoring lateral movement, water table, tilting of structure, Ground settlement, Building settlement	
Duration	: February 2014 to October 2015	

47. Project	: 35 BUKIT TUNGGAL ROAD	(SINGAPORE)
Client	: RESOURCE PILING PTE LTD	
Instruments	: Vibrating Wire Piezometer	
Purpose	: Monitoring dewatering schemes, ground improvement works, vertical drain, sand drains and dynamic compaction, pore-pressures to determine safe rates of fill or excavation, the stability of natural and cut slopes, seepage and groundwater movement in embankments, land fill, dikes and dams, water levels in wells and standpipes, lakes, reservoirs and rivers	
Duration	: August to December 2014	

48. Project	: SENOKO DRIVE WAREHOUSE	(SINGAPORE)
Client	: RESOURCE PILING PTE LTD	
Instruments	: 4 x Inclinator, 4 x Water Standpipe, 24 x Ground Settlement Marker	
Purpose	: Monitoring lateral movement, water table, Ground settlement	
Duration	: October 2014 to March 2015	

49. Project	: T201 MANDAI TRAIN DEPOT PROJECT	(SINGAPORE)
Client	: CHINA CIVIL (S) PTE LTD	
Instruments	: 2 x Inclinator & LVDT	
Purpose	: Monitoring lateral movement for plate loading test	
Duration	: 26 & 27 March 2015	

50.	Project	: MOUNT SOPHIA CONDOMINIUM	(SINGAPORE)
	Client	: STRAITS CONSTRUCTION SINGAPORE PTE LTD	
	Instruments	: 15 x Inclinometer, 15 x Water Standpipe, 15 x Piezometer, 12 x Tilt Plate, 28 x Ground Settlement Marker and 10 x Building Settlement Marker, 12 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: August 2014 to February 2017	

51.	Project	: SENJA SECONDARY SCHOOL	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 4 x Inclinometer, 4 x Water Standpipe, 12 x Ground Settlement Marker	
	Purpose	: Monitoring lateral movement, water table, Ground settlement	
	Duration	: September 2014 to January 2015	

52.	Project	: NANYANG TECHNOLOGIES UNIVERSITY	(SINGAPORE)
	Client	: ZHENG KENG ENGINEERING & CONSTRUCTION PTE LTD	
	Instruments	: 6 x Inclinometer, 6 x Water Standpipe, 6 x Piezometer, 8 x Tilt Plate, 30 x Ground Settlement Marker and 14 x Building Settlement Marker, 6 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: June 2015 to April 2017	

53.	Project	: T201 MANDAI TRAIN DEPOT PROJECT	(SINGAPORE)
	Client	: CHINA CIVIL (S) PTE LTD	
	Instruments	: 2 x Inclinometer & LVDT	
	Purpose	: Monitoring lateral movement for plate loading test	
	Duration	: 26 & 27 March 2015	

54.	Project	: JTC AERO SPACE WAREHOUSE @ TUAS AVENUE 1	(SINGAPORE)
	Client	: P-ONE (S) PTE LTD	
	Instruments	: 68 x Ground Settlement Marker	
	Purpose	: Monitoring Ground settlement	
	Duration	: March to July 2015	

55.	Project	: 21 BEACH VIEW CONDOMINIUM	(SINGAPORE)
	Client	: RESOURCE PILING PTE LTD	
	Instruments	: 4 x Inclinometer, 3 x Magnetic Extensometer, 20 x Ground SM	
	Purpose	: Monitoring lateral movement, deep settlement, ground settlement	
	Duration	: February to October 2016	

56.	Project	: 41 HONGKONG STREET TOWNHOUSE	(SINGAPORE)
	Client	: TITANIUM GROUP PTE LTD	
	Instruments	: 8 x Tilt Plate, 14 x Building Settlement Marker	
	Purpose	: Monitoring tilting of structure, Building settlement	
	Duration	: March 2016 to May 2018	

57.	Project	: T-313 FOR DOWNTOWN LINE EXTENSION STATION BOX	(SINGAPORE)
	Client	: DONGAH GEOLOGICAL ENGINEERING CO LTD	
	Instruments	: 4 x Inclinometer, 2 x Magnetic Extensometer	
	Purpose	: Monitoring lateral movement, deep settlement	
	Duration	: 30 July, 1, 2, 3 & 4 August 2016	

58.	Project	: 501 MARGARET DRIVE	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) LTD	
	Instruments	: 4 x Water Standpipe, 4 x Piezometer, 4 x Ground Settlement Marker and 14 x Building Settlement Marker	
	Purpose	: Monitoring water table/water pressure, Ground settlement, Building settlement	
	Duration	: February 2016 to May 2017	

59.	Project	: DRAYCOTT PARK CONDOMINIUM	(SINGAPORE)
	Client	: RESOURCE PILING PTE LTD	
	Instruments	: 12 x Tilt Plate, 22 x Ground Settlement Marker and 8 x Building Settlement Marker, 6 x Crack Meter	
	Purpose	: Monitoring tilting of structure, Ground settlement, Building settlement and displacement across cracks and/or expansion joints in three directions	
	Duration	: March to September 2016	

60.	Project	: T-301 FOR THOMPSON-EAST COAST LINE STATION BOX	(SINGAPORE)
	Client	: DONGAH GEOLOGICAL ENGINEERING CO LTD	
	Instruments	: 6 x Inclinometer, 8 x Magnetic Extensometer, 6 x Piezometer	
	Purpose	: Monitoring lateral movement, deep settlement, water pressure	
	Duration	: August to September 2016	

61.	Project	: T-301 FOR THOMPSON-EAST COAST LINE	(SINGAPORE)
	Client	: TAEHWA GEOLOGICAL ENGINEERING PTE LTD	
	Instruments	: 8 x Inclinometer, 9 x Magnetic Extensometer, 8 x Piezometer	
	Purpose	: Monitoring lateral movement, deep settlement, water pressure	
	Duration	: September to October 2016	

62.	Project	: 21 CASSOA DRIVE	(SINGAPORE)
	Client	: HUAT BUILDERS PTE LTD	
	Instruments	: 4 x Inclinometer, 4 x Water Standpipe, 4 x Piezometer, 6 x Tilt Plate, 16 x Ground Settlement Marker and 12 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement	
	Duration	: March to May 2017	

63.	Project	: 501 JALAN AHMAD IBRAHIM	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 6 x Tilt Plate, 20 x Ground Settlement Marker and 8 x Building Settlement Marker	
	Purpose	: Monitoring tilting of structure, Ground settlement, Building settlement	
	Duration	: February to November 2017	

64.	Project	: HENDERSON ROAD CONDOMINIUM	(SINGAPORE)
	Client	: STRAITS CONSTRUCTION SINGAPORE PTE LTD	
	Instruments	: 30 x Ground Settlement Marker and 10 x Prism	
	Purpose	: Monitoring Ground settlement and XYZ coordinate	
	Duration	: February 2017 to July 2018	

65.	Project	: 35 HOUGANG AVE 3	(SINGAPORE)
	Client	: UNION CONTRACTORS (S) PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 4 x Piezometer, 10 x Tilt Plate, 22 x Ground Settlement Marker and 10 x Building Settlement Marker	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement	
	Duration	: March to October 2017	

66.	Project	: T-302 FOR THOMSON EAST COAST LINE	(SINGAPORE)
	Client	: BACHY SOLETANCHE (S) PTE LTD	
	Instruments	: Vibrating Wire Piezometer & Casagrande Piezometer	
	Purpose	: Monitoring dewatering schemes, ground improvement works, vertical drain, sand drains and dynamic compaction, pore-pressures to determine safe rates of fill or excavation, the stability of natural and cut slopes, seepage and groundwater movement in embankments, land fill, dikes and dams, water levels in wells and standpipes, lakes, reservoirs and rivers	
	Duration	: July to August 2017	

67.	Project	: 35 BUKIT TUNGGAL ROAD	(SINGAPORE)
	Client	: LUBRITRADE CONSTRUCTON PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 6 x Piezometer, 2 x Tilt Plate, 18 x Ground Settlement Marker and 4 x Building Settlement Marker, 6 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: January 2015 to February 2018	

68.	Project	: 35 BUKIT TUNGGAL ROAD	(SINGAPORE)
	Client	: LUBRITRADE CONSTRUCTON PTE LTD	
	Instruments	: 4 x Inclinator, 4 x Water Standpipe, 6 x Piezometer, 2 x Tilt Plate, 18 x Ground Settlement Marker and 4 x Building Settlement Marker, 6 x Prism	
	Purpose	: Monitoring lateral movement, water table/water pressure, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: January 2015 to July 2018	

69.	Project	: Myanmar Oriental Bank Building @ Bhone Gyi Street	(MYANMAR)
	Client	: NAING GROUP CONSTRUCTION LTD	
	Instruments	: 4 x Inclinometer, 2 x Water Standpipe, 4 x Tilt Plate, 12 x Ground Settlement Marker and 4 x Building Settlement Marker, 6 x Prism	
	Purpose	: Monitoring lateral movement, water table, tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: July 2018 to February 2019	

70.	Project	: Yangon Zoological Garden (Zip-line Project)	(MYANMAR)
	Client	: HTOO GROUP OF COMPANIES	
	Instruments	: 6 x Tilt Plate, 10 x Ground Settlement Marker and 6 x Building Settlement Marker	
	Purpose	: Monitoring tilting of structure, Ground settlement, Building settlement	
	Duration	: September 2018 to March 2019	

71.	Project	: U WISARA CONDOMINIUM @ SAN CHAUNG	(MYANMAR)
	Client	: SEASON ONE CO. LTD	
	Instruments	: 4 x Tilt Plate, 24 x Ground Settlement Marker and 4 x Building Settlement Marker, 6 x Prism	
	Purpose	: Monitoring tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: September 2018 to March 2019	

72.	Project	: Geotechnical Instrument Supplied	(MYANMAR)
	Client	: Suntac Technologies Co., Ltd.	
	Instruments	: 100 x Inclinometer Casing, 10 x Tilt Plate	
	Purpose	: Use at their Geotechnical Monitoring Projects	
	Duration	: September 2018	

73.	Project	: Geotechnical Instrument Supplied	(MYANMAR)
	Client	: KAJIMA MYANMAR Co., Ltd	
	Instruments	: 2 x Water Level Indicator	
	Purpose	: Use at their Geotechnical Monitoring Projects	
	Duration	: January 2019	

74.	Project	: 5 AVENUE CONDOMINIUM @ 8 MILE	(MYANMAR)
	Client	: iGREEN CO. LTD	
	Instruments	: 6 x Inclinometer, 6 x Water Standpipe, 4 x Strain Gauge 11 x Ground Settlement Marker and 3 x Prism	
	Purpose	: Monitoring tilting of structure, Ground settlement, Building settlement and XYZ coordinate	
	Duration	: September 2018 to June 2019	

75.	Project	: Bilin River Flow Monitoring	(MYANMAR)
	Client	: Ministry of Agriculture and Irrigation	
	Instruments	: 1 x Telemetry Flow Meter	
	Purpose	: Monitoring of River Flow and Salinity	
	Duration	: July 2019 to Current	

76.	Project	: Bago River Bridge Construction Project (PK-1 & PK-2)	(MYANMAR)
	Client	: SUMITOMO MITSUI CONSTRUCTION CO. LTD	
	Instruments	: 1 x Inclinator, 32 x Settlement Plates and 25 x Prism	
	Purpose	: Monitoring of SUBCHARGE LOAD, settlement, and XYZ coordinate	
	Duration	: September 2019 to Current	

Note:

1, Singapore Changi Terminal-5 Project (Ground Improvement Works) was Currently Instrumentation Installation and Monitored by APS Singapore.

2, There are more than 100 smalls to medium projects are not listed here.