



# IVCC ENGINEERING (PVT) LTD.

Email: ivccclhr@ivccclhr.com

## SUMMARY OF SOIL AND GEOTECHNICAL INVESTIGATIONS WORKS COMPLETED

Master Serial No.	Project Particulars	Drilling Footage	Clients
<b>1959</b>			
1	MANGLA DAM.	470	WAPDA, Lahore.
<b>1960</b>			
2	TARBELA DAM.	800	Project Director, WAPDA, Tarbela Dam.
3	TARBELA DAM.	16,490	Project Director, WAPDA, Tarbela Dam.
4.6	KUNHAR VALLEY, DAMSITES.	3,000	Director General P & I, WAPDA, Lahore.
7	THATTA-SAJAWAL BRIDGE.	1,156	Irrigation, Commn & Work Deptt, Govt of W.Pakistan.
<b>1961</b>			
8	MIAN NOOR, IRRIGATION PROJECT.	511	Director General P&I, WAPDA, Lahore.
9	TARBELA DAM.	6,000	WAPDA, Lahore.
10	MAILSI SYPHON.	300	Project Director Barrages WAPDA, Lahore.
<b>1962</b>			
11	JHELUM BRIDGE.	300	Pakistan Public Works Department (PWD)
12	KHAJURI KATCH, DAMSITE.	2,164	Director General, P & I, WAPDA Lahore.
13	RASUL BARRAGE.	1,000	Project Director Barrages, WAPDA Lahore.
14	WAPDA HOUSE.	600	SE Buildings, WAPDA Lahore.
<b>1963</b>			
15.20	SIBI-JHATPAT, DAMSITES.	3,509	Director General, P&I, WAPDA, Lahore.
21	TARBELA DAM.	10,000	PD & CE Tarbela Dam, WAPDA, Tarbela.
22	SWAT RIVER, DAMSITE.	2,503	Director General P&I, WAPDA, Lahore.
23	MARALA BARRAGE.	1,370	Remodelling Organization, WAPDA, Lahore.
24	SANJWAL, DAMSITE.	829	Director General P&I, WAPDA, Lahore.
25	CHICHAWATNI BRIDGE.	208	Public Works Department (B&R) Lahore.
26	KHANPUR DAM.	7,238	CE. Development & Coordination, WAPDA, Lahore.
27	TERI-TOI BRIDGE.	200	Pakistan Public Works Department (PWD) Lahore.
<b>1964</b>			
28	KARACHI SHIPYARD.	5,855	Karachi Shipyard and Engg. Works Ltd., Karachi.
31	CHINA CREEK KARACHI, BRIDGE.	436	Republic Engineering Corporation, Lahore.
34	KARACHI, TRANSMISSION LINE TOWERS.	1,200	Karachi Electric Supply Corpn. (KESCO) Karachi.
<b>1965</b>			
35	HYDERABAD-KASHMORE, HIGHWAY.	1,500	Noon Qayum & Co. (Pakistan) Lahore.
36	MARALA BARRAGE.	4,472	Ed. Zublin AG, W. Germany & WAPDA Lahore.
37	HARIPUR, WEIR IN RIVER BED.	464	Hazara Irrigation Division, Abbottabad.
38	SIMLY DAM.	1,770	Capital Development Authority (CDA) Islamabad.
39	RASUL BARRAGE.	6,349	Dir Gen P&I WAPDA, Lahore & Cogefar Astaldi (Italy).
40.43	BURJ ZAM ETC., DAMSITES.	2,200	Director General P & I, WAPDA, Lahore.
44	HUB DAM & KHANPUR DAM.	1,500	WAPDA Lahore.
45	MARGALLA, CEMENT FACTORY.	1,668	Margalla Cements Ltd., Rawalpindi.
<b>1966</b>			
46	CHASHMA BARRAGE.	9,516	Chief Engr, Indus Basin Project, WAPDA, Lahore.
48	KHANPUR DAM.	3,000	Director General P&I, WAPDA, Lahore.
51	CHASHMA BARRAGE.	9,500	Chief Engr, Indus Basin Project, WAPDA, Lahore.
<b>1967</b>			
56	SHEIKHUPURA-SARGODHA-KHUSHAB, HIGHWAY.	1,604	Govt of W.Pak.(PWD) Highway Deptt. Lahore.
57	MANGLA-LAHORE, 220KV TRANSMISSION LINE.	1,024	WAPDA, Lahore.
58	BULAND HILL, QUARRY.	1,141	Chief Engr I.B.P.WAPDA & Impergilo (Italy)
59	RAJOYA, IRRIGATION SCHEME.	411	Irrigation Department, Abbottabad.
61	GUDDU, THERMAL POWER STATION.	5,415	Dy. Chief Engineer (Power Station) WAPDA, Lahore.
<b>1968</b>			
62	KASHMORE - D.G.KHAN, RAILWAY BRIDGES.	420	The Chief Engineer (Const) Pak.W.Railway, Lahore.
63	RASUL BARRAGE.	6,336	WAPDA & Cogefar Astaldi (Italy).
65	CHICHOKI-MALLIAN, FERTILIZER FACTORY.		Dawood Hercules Chemicals Ltd.



# IVCC ENGINEERING (PVT) LTD.

Email: ivccclhr@ivccclhr.com

## SUMMARY OF SOIL AND GEOTECHNICAL INVESTIGATIONS WORKS COMPLETED

Master Serial No.	Project Particulars	Drilling Footage	Clients
<b>1969</b>			
68	MANGLA-LAHORE, 220 KV TRANSMISSION LINE.	827	WAPDA., Lahore.
70	SIMLY DAM.	3,969	Capital Development Authority (CDA) Islamabad.
71-73	WAH, CAMPBELLPUR AND HAVELIAN, FACTORIES.	720	The Superintending Engr., POF, Wah Cantt.
<b>1970</b>			
74	MARALA BARRAGE.	7,939	WAPDA Lahore & The World Bank.
78	KABUL RIVER, GAS LINE CROSSING.	374	Sui Northern Gas Pipelines Ltd., Lahore.
81	ATTOCK- RIVER INDUS, GAS LINE CROSSING.	209	Sui Northern Gas Pipelines Ltd., Lahore.
<b>1971</b>			
82	KABUL RIVER, BRIDGE.	1,100	Executive Engineer Highway Division, Mardan.
83	KARACHI, EXPANSION OF HARBOUR.	2,777	Karachi Port Trust, Karachi.
84	RASUL BARRAGE.	1,696	WAPDA & The World Bank.
85	MANGLA-KHARIAN, TRANSMISSION LINE.	272	AEI-English Electric (Pak) Ltd., Lahore.
<b>1972</b>			
86	HEAVY FORGE AND FOUNDRY, TAXILA.	1,696	The Chief Engineer W.P.I.D.C. Karachi.
90	SIL RIVER, GAS TRANSMISSION PIPELINE.	120	Sui Northern Gas Pipeline Ltd., Lahore.
<b>1973</b>			
96	DAUDKHEL, FERTILIZER FACTORY.	677	The Chief Engineer W.P.I.D.C. Karachi.
99	SIALKOT CANTT, SEWERAGE DISPOSAL SCHEME.	538	CMES (Army) Kharian Cantt.
103	KOTRI, BRIDGE OVER RIVER INDUS	1,774	Railway Board, Pakistan Railways, Lahore.
<b>1974</b>			
104	LAHORE, PIDC HOUSE AT EGERTON ROAD.	106	The Chief Engineer W.P.I.D.C. Karachi.
107	AZAD KASHMIR, BRIDGE ON BHIMBER NULLAH.	376	Executive Engineer, PWD, Mirpur (AK).
110	KALABAGH DAM PROJECT.	1,800	Director General P&I, WAPDA Lahore.
<b>1976</b>			
113	CHINIOT, 500 KV TRANSMISSION LINE.	300	WAPDA & Imperial Electric Co. Ltd.
114	KALABAGH DAM PROJECT.	2,000	Director General P&I, WAPDA Lahore.
121	KAMRA AIRFIELD.	1,774	CMES (DPB) Kamra.
<b>1977</b>			
127	INDUS SUPER HIGHWAY, D.G. KHAN D.I.K. SECTION.	2,600	National Highway Board, Islamabad.
136	LAHORE, MULTI-STOREY BUILDING.	110	Adam Ltd., Lahore.
137	LAHORE, INDUSTRIAL BUILDING.	135	Paintex Ltd. (ICI) Lahore.
<b>1979</b>			
149	NOWSHERA-PESHAWAR, HIGHWAY.	2,048	Ministry of Communications, Govt of Pak, Islamabad.
151	DANDOT, NEW CEMENT FACTORY.	500	State Cement Corporation of Pakistan.
152	KOHAT, NEW CEMENT FACTORY.	500	State Cement Corporation of Pakistan.
154	KAMRA, RESEARCH AND DEVELOPMENT.	450	CMES (DPB) Kamra.
155	WAH CANTT, ORDNANCE FACTORY SITE.	1,920	S.E. (Works) POF Wah Cantt.
166	MALIR RIVER KARACHI, PIPELINE CROSSING.	550	Pak-Arab Refinery Co.Ltd., (PARCO)
<b>1980</b>			
170	LAHORE, US CONSULTATE SITE.	300	Consulate General of U.S.A., Lahore.
177	KOHAT-BANNU, TRANSMISSION LINE.	264	XEN, Const. Div.WAPDA, Rawalpindi.
<b>1981</b>			
180	PESHAWAR, MULTI-STOREY BUILDING.	390	State Life Insurance Corporation, Karachi.
190	KHANKA DOGRAN, GRAIN GODOWNS.	100	National Logistic Cell (NLC), GHQ, Rawalpindi.
191	CHICHAWATNI, GRAIN SILOS.	300	National Logistic Cell (NLC), GHQ, Rawalpindi.
194	DUHOK DAM, IRAQ.	160,000	E.S.I. & Ministry of Irrigation, IRAQ.
<b>1982</b>			
197	JAMMU TAWI RIVER, 132 KV TRANSMISSION LINE.	300	XEN (C) Const. Div.WAPDA, Lahore.
198	LAHORE, MULTI-STOREY BUILDING.	180	Grindlays Bank Ltd., Lahore.
201	LAHORE, RAILWAY OVERHEAD BRIDGE.	467	Director Roads,LDA, Lahore.
204	KILA SAIFULLAH - ZHOB ROAD, BALUCHISTAN.	655	D.G. National Highway Board, Islamabad.



# IVCC ENGINEERING (PVT) LTD.

Email: ivccclhr@ivccclhr.com

## SUMMARY OF SOIL AND GEOTECHNICAL INVESTIGATIONS WORKS COMPLETED

Master Serial No.	Project Particulars	Drilling Footage	Clients
209	KALABAGH DAM PROJECT.	1,150	Chief Engineer HEP, WAPDA.
210	BASHA DAM PROJECT.	3,000	Chief Engineer HEP, WAPDA.
217	WAN RADHA RAM, THIRD IBRD HIGHWAY.	485	D.G. National Highway Board, Islamabad.
220	ABBOTTABAD CANTT, NEW OFFICERS MESS.	250	CMES (Army) Abbottabad.
227	SANG JANI, CEMENT PROJECT.	2,400	PECTO Cement Ltd., Lahore.
229	GANDIALLY DAM SITE.	344	General Manager Technical Services WAPDA Lahore.
<b>1985</b>			
233	LAHORE, PIA TOWN TERMINAL BUILDING.		GM (Works) PIA, Karachi & N.C. Ltd.
234	2ND TARBELA-FAISALABAD, 500KV T / LINE.	3,608	WAPDA & Imperial Construction . Co. Ltd.
236	LAHORE, PIA TOWN TERMINAL BUILDING.	450	GM (Works) PIA, Karachi.
237	MANGLA DAM, INSTRUMENTATION.	1,400	Chief Engineer WAPDA, Mangla Dam.
239	SIMLY DAM.	3,050	Capital Development Authority (CDA).
240	LAHORE-BYPASS, NATIONAL HIGHWAY.	1,152	NESPAK Ltd., Lahore.
<b>1986</b>			
243	KALABAGH DAM PROJECT.	1,100	CE. Kalabagh Dam Project, WAPDA.
246	KALABAGH DAM PROJECT.	460	WAPDA & NESPAK Ltd.
247	MULTAN, WAPDA THERMAL POWER STATION.		WAPDA & NESPAK Ltd.
249	KANDKOT - GUDDU, GAS PIPELINE.	550	WAPDA & Petrocon (Pvt) Ltd., Lahore.
<b>1987</b>			
256	DERA GHAZI KHAN, PAEC DEVELOPMENT.	120	Pak. Atomic Energy Commission, D.G.Khan.
257	KOT ADDU, THERMAL POWER STATION.		Alsthorm (France).
263	MUZAFFARGARH, THERMAL POWER STATION.	550	WAPDA & NESPAK Ltd., Lahore.
<b>1988</b>			
267	LAHORE, COMMERCIAL PLAZA.	350	Farooq Centre, (Pvt) Ltd., Lahore.
270	BALUCHISTAN, BURJ AZIZ KHAN DAMSITE.	550	SE, (Irrigation Division) Quetta.
271	KOT ADDU, THERMAL POWER STATION.		J.G.C. Corporation (Japan).
<b>1989</b>			
280	ISLAMABAD - LEHTRAR ROAD.	250	Konoike Construction Co. (Japan).
281	CHASHMA BARRAGE.	300	Broek Hoven Co. (Holland).
290	GILGIT AND SKARDU AREA, BRIDGES.	800	Northern Area PWD.
<b>1990</b>			
297	QUETTA, LAKPASS TUNNEL.	240	Korea Consultants Intl.(Seoul, Korea).
298	SKARDU - NORTHERN AREAS, STADIUM.	350	Northern Area PWD.
<b>1997</b>			
333	GAHZI BAROTHA HYDROPOWER PROJECT.	1,064	Ghazi Barotha Contractors/WAPDA.
338	LAHORE - 63A MAIN BOULEVARD GULBERG.	75	GAM Corpn. (Pvt) Ltd., A McDonald's J.V. Co.
<b>2000</b>			
349	INDUS RIVER (ISLAMABAD-PESHAWAR) MOTORWAY.	1,312	Bayindir Construction Tourism Trade&I Inc of Turkey/NHA.
350	BADRI KHWAR NULLAH (ISLAMABAD-PESHAWAR) MOTORWAY.	180	Bayindir Construction Tourism Trade&I Inc of Turkey/NHA.
<b>2001</b>			
353	BHIT GAS FIELD DEVELOPMENT PROJECT.	341	LASMO Oil Pakistan Ltd., Karachi/NESPAK Lahore.
<b>2003</b>			
363	GOMAL ZAM: PROPOSED MULTIPURPOSE DAM.	3,139	IDTIDI of China/WAPDA.
367	MANGLA DAM, RAISING PROJECT.	1,145	General Manager (Projects) North, WAPDA, Lahore.
<b>2004</b>			
371	GOMAL ZAM: PROPOSED MULTIPURPOSE DAM.	361	IDTIDI of China/WAPDA.



# IVCC ENGINEERING (PVT) LTD.

Email: ivccclhr@ivccclhr.com

## SUMMARY OF SOIL AND GEOTECHNICAL INVESTIGATIONS WORKS COMPLETED

Master Serial No.	Project Particulars	Drilling Footage	Clients
<b>2005</b>			
376	BASHA DIAMER DAM PROJECT: 2 NOS. ADITS.	1,670	General Manager Technical Services WAPDA, Lahore.
377	MAPLE LEAF CEMENT FACTORY ISKANDERABAD.	4,753	Maple Leaf Cement Factory Ltd., Lahore.
383	SUKKUR BARRAGE REHABILITATION PROJECT.	1,154	HQ FWO Rawalpindi/Irrigation & Power Deptt. Govt. of Sindh.
<b>2006</b>			
392	DIAMER BASHA DAM PROJECT: ADIT NO. 3.	840	General Manager Technical Services WAPDA, Lahore.
<b>2007</b>			
397	DIAMER BASHA DAM PROJECT: ADIT NO. 5.	2,135	General Manager Technical Services WAPDA, Lahore.
398	DIAMER BASHA DAM PROJECT: DRILLING OF 12 BOREHOLES.	7,867	General Manager Technical Services WAPDA, Lahore.
399	KHEWRA: ICI 65 KPTA SODA ASH FACTORY.	427	ICI Pakistan Limited Lahore.
<b>2010</b>			
404	DIAMER BASHA DAM PROJECT: DRILLING FOR OVERCORING / PLATE LOAD TESTS AND PERFORMANCE OF OVERCORING TESTS IN ADIT NO. 5.	1,920	General Manager/CEO Diامر Basha Dam Organization WAPDA, Lahore.
<b>2011</b>			
405	DERA GHAZI KHAN-LORALAI 220 KV DOUBLE BUNDLE T/LINE PROJECT.	1,798	National Transmission & Depatch Company Ltd. (NTDC) / WAPDA Lahore.
407	TAUNSA HYDRO ELECTRIC PROJECT: DRILLING OF 22 NOS. BOREHOLES	2,270	Investigation Department, China Water Resources Beifang Investigation, Design and Research Co. Ltd., PR China (IDBIDR) / WAPDA Lahore.
<b>2012</b>			
413	KOHALA 1100 MW HYDROPOWER PROJECT: EXPLORATORY ADIT FOR SITE INVESTIGATION. 12 NOS. EXPLORATORY CHAMBERS.	684	Investigation Department, China Water Resources Beifang Investigation, Design and Research Co. Ltd., PR China (IDBIDR) / WAPDA Lahore.
<b>2013</b>			
415	KAROT 720 MW HYDROPOWER PROJECT: DRILLING OF 13 NOS. BOREHOLES. EXCAVATION (TUNNELLING) OF EXPLORATORY 3XADITS.	6,316	Investigation Department, China Water Resources Beifang Investigation, Design and Research Co. Ltd., PR China (IDBIDR) / WAPDA Lahore.
416	TARBELA DAM: SMST - OFFSHORE DRILLING & SEDIMENT SAMPLING IN TARBELA RESERVOIR SITE.	1,565	MM Pakistan (Pvt) Ltd. / Pakistan Water & Power Development Authority (WAPDA).
<b>2014</b>			
417	KAROT 720 MW HYDROPOWER PROJECT: DRILLING OF 24 NOS. BOREHOLES. EXCAVATION (TUNNELLING) OF EXPLORATORY 5XADITS	7,397	Changjiang Geotechnical Engineering Corporation (CGEC) (Wuhan) PR China / Pakistan Water & Power Development Authority (WAPDA).
419	KARACHI: PORT QASIM 2 x 660 MW THERMAL POWER PLANT PROJECT. OFFSHORE DRILLING OF HOLES AND DRILLING OF HOLES ON DRY LAND AND SAMPLING FOR GEOTECHNICAL INVESTIGATION AND GEOPHYSICAL SURVEY/SEISMIC SURVEY.	11,044	Investigation Department, China Water Resources Beifang Investigation, Design and Research Co. Ltd., P.R. China (IDBIDR) / Sinohydro Resources Ltd., China.



# IVCC ENGINEERING (PVT) LTD.

Email: ivccclhr@ivccclhr.com

## SUMMARY OF SOIL AND GEOTECHNICAL INVESTIGATIONS WORKS COMPLETED

Master Serial No.	Project Particulars	Drilling Footage	Clients
421	MANDRA - CHAKWAL ROAD PROJECT BRIDGE AT RD 21 +706 & RAILWAY FLYOVER AT RD 1+399: DUALIZATION & IMPROVEMENT OF ROAD GEOTECHNICAL/SOIL INVESTIGATION. DRILLING OF BOREHOLES.	315	National Logistics Cell (NLC) Rawalpindi.
<b>2016</b>			
427	JHIMPIR VILLAGE DISTRICT THATTA (SINDH PROVINCE): 100 MW THREE GORGES SECOND & THIRD WIND FARM PROJECT: Geological Investigation and Soil & Rock Resistivity Test Works.	3,805	Shanghai Investigation, Design & Research Institute Co. Ltd. (SIDRI)
428	SIRAN VILLAGE, DISTRICT MUZAFFARABAD (AK): KOHALA HYDROPOWER PROJECT: Proposed 1100 MW on Jhelum River: Boreholes Drilling for Site Investigation Work.	4,346	Investigation Department, China Water Resources Beifang Investigation, Design and Research Co. Ltd., P.R. China (IDBIDR) / Pakistan Water & Power Development Authority (WAPDA).
429	SIRAN VILLAGE, DISTRICT MUZAFFARABAD (AK): KOHALA HYDROPOWER PROJECT: Proposed 1100 MW on Jhelum River: Exploratory Adits Work.	1,640	Investigation Department, China Water Resources Beifang Investigation, Design and Research Co. Ltd., P.R. China (IDBIDR) / Pakistan Water & Power Development Authority (WAPDA).
430	MAHL HYDROPOWER PROJECT: Proposed 590 MW on Jhelum River & Mahl River at the border of AJ&K and Punjab Province: Boreholes Drilling for Geological Investigation Work.	16,721	Shanghai Investigation, Design & Research Institute Co. Ltd. (SIDRI) P.R. China / Pakistan Water & Power Development Authority (WAPDA).
431	MAHL HYDROPOWER PROJECT: Proposed 590 MW on Jhelum River & Mahl River at the border of AJ&K and Punjab Province: Exploratory Adits Work.	112	Shanghai Investigation, Design & Research Institute Co. Ltd. (SIDRI) P.R. China / Pakistan Water & Power Development Authority (WAPDA).
<b>2017</b>			
439	PORT QASIM KARACHI 2X660 MW COAL FIRED POWER PLANT PROJECT (PACKAGE-B) CONTRACT NO. PK001-SS-085-01: Geotechnical Investigation Work of Apartment Building.	4,318	SEPCO III Electric Power Construction Corporation/ Sinohydro Resources Ltd./Port Qasim Coal Fired Electric Power Co. Ltd.
440	MAPLE LEAF CEMENT FACTORY ISKANDERABAD, DISTRICT: MIANWALI CONSTRUCTION PHASE STUDIES, GREY CEMENT PLANT LINE-III (PHASE I, II & 132 KV GRID STATION): Geotechnical Investigation Work.	5,886	Maple Leaf Cement Factory Iskanderabad, District: Mianwali.
TOTAL FOOTAGE		446,751	