

## SOIL MECHANICS SECTION

<b>Sr. No.</b>	<b>Report No.</b>	<b>Title of the report</b>	<b>Year</b>
1	IRI/Phy/SM/152	Soil Test For “Construction of New Campus Engineering Academy at Ramkot Lahore”	2022
2	IRI/Phy/SM/149	Geotechnical Investigations for Construction of V.R. Bridge at Rd 45+800 Of Kailaske Distributary Marala Division UCC	2022
3	IRI/Phy/SM/156	Geotechnical Investigation For “1.5mw Hydropower Project at Rd 27+000 Lower Gugera Canal District Faisalabad”	2022
4	IRI/Phy/SM/153	Geotechnical / Soil Investigation for New Drain Namely “Chak No.122 & 123/Rb Try Drain from Rd 0+000 to Rd 14+654 At Tehsil Sangla”	2022
5	IRI/Phy/SM/155	Geotechnical / Soil Investigation for Extension Of 7-L Fs Drainage System in Sargodha Drainage Division Sargodha	2022
6	IRI/Phy/SM/157	Geotechnical Investigation for The Structures “Flood Protection of Kamoke and Adjoining Areas” (Kamoki Drain)”	2022
7	IRI/Phy/Sm/158	Gradation Analysis Under “Checking Erosive Action Along Left Bank of River Indus Opposite Mansard Camp, District Attock”	2022
8	IRR/PHY/SM-160	Geotechnical Investigation for Kirana Div.	2022
9	IRR/PHY/SM-161	Geotechnical Investigation for Qadirabad Div.	2022
10	IRR/PHY/SM-162	Geotechnical Investigation for BWP canal Div.	2022
11	IRI/Phy/SM/141	Geotechnical Investigation in Lahore Canal Division CBDC	2021
12	IRI/Phy/SM/142	Geotechnical Investigations of Flood Bunds Under Disaster and Climate Resilience Improvement Project (DCRIP)	2021
13	IRI/Phy/SM/143	Sieve Analysis of Material on The Physical Model of Tarbela 5th Extension Hydropower Project	2021
14	IRI/Phy/SM/146	Soil Investigations Report For “Construction of Residential Colony at Batapur Rd 334+000 On BRBD Link Canal and Improvement of Facilities at Canal Colony Thokar Niazbeg Lahore”	2021
15	IRR/PHY/SM-138	Geotechnical Investiations in Q.B.Link Division	2020
16	IRR/PHY/SM-137	Geotechnical Investiations for construction of bridges at UJC	2020

17	IRR/PHY/SM-139	Geotechnical Investigations for the Construction of VR Bridge over Main Branch Lower Canal District Kasur	2020
18	IRR/PHY/SM-140	Geotechnical Investigations in Kalabagh Headworks Division	2020
19	IRR/PHY/SM-133	Geotechnical Investigation for monitoring the health of flood bunds in Punjab VOL-II	2019
20	IRR/PHY/SM-136	Geotechnical Investigation for monitoring the health of flood bunds in Punjab VOL-III	2019
21	IRR/PHY/SM-113	Fluctuation of Sediment Load at Selected Sites in Punjab.	2019
22	IRR/PHY/SM-132	Geotechnical Investigations for the work " Rehabilitation of Khadir Feeder, Khadir Disty and Chenab Escape Package-C"	2018
23	IRR/PHY/SM-130	Borelog investigations under aciar project LWR-036/15 "improving groundwater management to enhance agriculture and farming livelihood in pakistan"	2018
24	IRR/PHY/SM-115	Geotechnical Investigations for the construction of Hydraulic Structures on drains in Rachna Drainage Division Sheikhpura, Irrigation Lahore Zone.	2018
25	IRR/PHY/SM-122	Geotechnical Investigations for the construction of Irrigation Colony in Q. B. Link Division Farooqabad	2018
26	IRR/PHY/SM-118	Geotechnical Investigations along Saim Nullah and Muhajir Branch In Khushab Canal Division, Khushab	2018
27	IRR/PHY/SM-125	Geotechnical Investigations for monitoring the health of Flood Bunds in Punjab	2018
28	IRR/PHY/SM-119	Geotechnical investigations for the Construction of hydraulic structures on eastern sadiqia canal in development division, Bahawalnagar	2018
29	IRR/PHY/SM-128	Geotechnical Investigations for the construction of Hydraulic Structures at Upper Chenab Canal	2018
30	IRR/PHY/SM-129	Geotechnical investigation for installation of Piezometers under ACIAR project LWR-036/15 "Improving groundwater management to enhance agriculture and farming livelihood in Pakistan"	2018
31	IRR/PHY-643	Geotechnical Investigations for the construction of Hydraulic structures in Faisalabad Zone.	2017
32	IRR/PHY/SM-101	Geotechnical Investigations for the construction of Hydraulic structures in Irrigation Lahore Zone.	2017

33	IRR/PHY/SM-102	Geotechnical Investigations for the construction of Hydraulic structures in Rachna Drainage Division.	2017
34	IRR/PHY/SM-106	Geotechnical Investigations for the construction of Hydraulic structures in Chunnian Sub Division.	2017
35	IRR/PHY/SM-108	Geotechnical Investigations for the construction of Hydraulic structures in Sargodha Drainage Division.	2017
36	IRR/PHY/SM-109	Geotechnical Investigations for the construction of Hydraulic structures in Sahiwal Canal Division.	2017
37	IRR/PHY/SM-110	Geotechnical Investigations for the construction of Hydraulic structures in Kot Addu Canal Division.	2017
38	IRR/PHY/SM-107	Geotechnical Investigations for the construction of Hydraulic structures in Rachna Drainage Division.	2017
39	IRR/PHY/SM-112	Geotechnical Investigations along River Ravi in Rachna Drainage Division.	2017
40	IRR/PHY/SM-113	Sediment and Hydrology study along River Ravi, Rachna Drainage Division	2017
41	IRR/PHY/SM-105	Geotechnical Investigations for the construction of Hydraulic structures in Thar Canal Sub Division.	2017
42	2660/ SM, May 2011	AASHTO Test for Lining of Lulliani Disty (03)	2011
43	2661/ SM, June 2011	AASHTO Test for "Restoration of Concave-o-covex Guide wall at Kund Reham shah & Tie bund", Mangtanwala (01 No. Soil Sample)	2011
44	2662/ SM, June 2011	AASHTO Test for "Restoration of Modhodas Flood Bund from RD: 32 + 000 to 51 + 180 & Wetting Channel" (01 No. Soil Sample)	2011
45	2663/ SM, December 2011	AASHTO Test for Lining of Lulliani Disty (03 No. Soil Samples)	2011
46	2645/SM	Modified AASHO Compaction Test and Mechanical Analysis (1 No. soil sample)	2010
47	2646/SM	F.I. of OHR (50,000 gln) at ChNo.120/9-L, Islampura, Kameer, Teh.&Distt.SWL	2010
48	2647/SM	Foundation Investigation of OHR (50,000 gln) at Chak No.120/9-L, RHC, Kameer.	2010
49	2648/SM	F.I of OHR (100,000 gln) of PHED,at Chak No.120/9-L, Zargran, Kameer.	2010
50	2649/SM	F.I of OHR (30,000 gln) of PHED,at Chak Noor Shah, Teh. & Distt. Sahiwal	2010
51	2650/SM	F. I. of OHR (10,000 gln) of PHED,at Chak No.160/9-L, Teh.Chichawatni.	2010
52	2651/SM	F. I of OHR (10,000 gln) of PHED,at Chak No.45/12-L, Teh. Chichawatni.	2010

53	2652/SM	F. I. of OHR (10,000 gln) of PHED,at Chak No.105/DB, Yazman.	2010
54	2653/SM	Foundation Investigation of OHR (10,000 gln) of PHED,at Ch No.106/DB, Yazman.	2010
55	2654/SM	F.I of OHR (10000 gln) at Ch No.68/DB, BanglaWali, Yazman.	2010
56	2655/SM	Constructing residential staff colony for officers/ Officials of Flood Bund Division, Narowal	2010
57	2656/ SM	Foundation Investigation at the proposed site of OHR at Chak No. 87/Fateh, Tehsil Hasilpur, Distt. Bahawalpur.	2010
58	IRR-PHY/555 2657/ SM	Foundation Investigation at the proposed site of Bhowana Branch Canal	2010
59	2658/ SM	Modified AASHO Compaction Tests (3 No. soil sample)	2010
60	2646/SM	Foundation Investigation of OHR at Chak No.120/9-L, Islampura, Kameer, Teh. & Distt. Sahiwal	2010
61	2647/SM	Foundation Investigation of OHR at Chak No.120/9-L, RHC, Kameer, Teh. & Distt. Sahiwal	2010
62	2648/SM	Foundation Investigation of OHR at Chak No.120/9-L, Zargran, Kameer, Teh. & Distt. Sahiwal	2010
63	2649/SM	Foundation Investigation of OHR at Chak Noor Shah, Teh. & Distt. Sahiwal	2010
64	2650/SM	Foundation Investigation of OHR at Chak No.160/9-L, Teh.Chichawatni, Distt. Sahiwal	2010
65	2651/SM	Foundation Investigation of OHR at Chak No.45/12-L, Teh. Chichawatni, Distt. Sahiwal	2010
66	2652/SM	Foundation Investigation of OHR at Chak No.105/DB, Yazman.	2010
67	2653/SM	Foundation Investigation of OHR at Chak No.106/DB, Yazman.	2010
68	2654/SM	Foundation Investigation of OHR at Chak No.68/DB, Bangla Wali, Yazman.	2010
69	2655/SM	Foundation Investigation for constructing residential staff colony for the officers / officials of Flood Bund Division, Narowal	2010
70	2623/SM	AASHO Compaction tests (3 Nos.)	2009
71	2624/SM	AASHO Compaction tests (8)	2009
72	2625/SM	F.I of Hyd. Structure at Sultan Pakhra Disty. LCC (West), Jhang. (5 Nos.)	2009
73	2626/SM	F.I. of OHR at UWSS, Kanganpur (1)	2009
74	2628/SM	AASHO Compaction test (1 No.)	2009
75	2629/SM	AASHO Compaction test (11 No.)	2009

76	2630/SM	AASHO Compaction test (2 Nos.)	2009
77	2631/SM	F.I. at AR Bridge at SMB Link, (2 No.)	2009
78	2632/SM	F.I. of OHR at RWSS, Chak No. 138/DB, Yazman. (1 No.)	2009
79	2633/SM	F.I. of OHR at RWSS, Chak No. 49/DB (Dera), Yazman (1 No.)	2009
80	2634/SM	F.I. of OHR at RWSS, Chak No. 49/DB (East), Yazman (1 No.)	2009
81	2635/SM	F.I. of OHR at RWSS, Chak No. 13/BC, Yazman. (1 No.)	2009
82	2636/SM	F.I. of OHR at RWSS, Chak No.102/DB, Yazman. (1 No.)	2009
83	2637/SM	AASHO Compaction test (22 Nos. samples of Todeypur Minor)	2009
84	2638/SM	F.I. of OHR at RWSS at Mouza, City and U.C. Goth Mehrab, Teh.&Distt.BHP(1)	2009
85	2639/SM	F.I. of OHR at RWSS at Chak No. 127/P, Rahim Yar Khan (1 No.)	2009
86	2640/SM	Classification of 2 No. soil samples	2009
87	2641/SM	F.I. for 4 No. Head Regulators, 4 No. Wooden Decking and 5 No. RCC Bridges at BRBD Canal.	2009
88	2642/SM	Classification of 8 No. soil samples	2009
89	2643/SM	Modified AASHO Compaction Test (3)	2009
90	2625/SM	Foundation Investigation at proposed sites of Hydraulic Structure at Sultan Pakhara Disty, Jhang.	2009
91	2626/SM	Foundation Investigation at proposed sites of O.H.R. at U.W.S.S. Kanganpur.	2009
92	2628/SM	Modified AASHO Test, Indus Water Treaty & Regulation (I & P)	2009
93	2629/SM	Gradation & AASHO Compaction Test, Small Dam Division, Talagang.	2009
94	2630/SM	Gradation & AASHO Compaction Test, Chunian Sub-Division.	2009
95	2631/SM	Foundation Investigation at proposed site of AR Bridge at SMB Link Bahawalpur.	2009
96	2632/SM	Foundation Investigation at proposed site of R.W.S Scheme at Chak 138/DB, Yazman.	2009
97	2633/SM	Foundation Investigation at proposed site of R.W.S Scheme at Chak 49/DB, (Dera) Bahawalpur.	2009
98	2634/SM	Foundation Investigation at proposed site of R.W.S Scheme at Chak 49/DB, (East) Bahawalpur.	2009
99	2635/SM	Foundation Investigation at proposed site of R.W.S Scheme at Chak 13/BC, Bahawalpur.	2009

100	2636/SM	Foundation Investigation at proposed site of R.W.S Scheme at Chak 102/DB, Bahawalpur.	2009
101	2637/SM	Modified AASHO Test, Chunian Sub-Division, Teh. & District, Kasur.	2009
102	2625/SM	Foundation investigation of Hydraulic structures at Sultan Pakhra Disty. LCC (West), Jhang.	2009
103	2626/SM	Foundation investigation of OHR at UWSS, Kanganpur	2009
104	2627/SM	Foundation investigation of OHR at UWSS, Kanganpur.	2009
105	2631/SM	Foundation investigation at AR Bridges at SMB Link, Bahawalpur.	2009
106	2632/SM	Foundation investigation of OHR at RWSS, Chak No. 138/DB, Yazman.	2009
107	2633/SM	Foundation investigation of OHR at RWSS, Chak No. 49/DB (Dera), Yazman.	2009
108	2634/SM	Foundation investigation of OHR at RWSS, Chak No. 49/DB (East), Yazman.	2009
109	2635/SM	Foundation investigation of OHR at RWSS, Chak No. 13/BC, Yazman.	2009
110	2636/SM	Foundation investigation of OHR at RWSS, Chak No. 102/DB, Yazman.	2009
111	2638/SM	Foundation investigation of OHR at RWSS at Mouza City and U.C. Goth Mehrab, Teh. & Distt. Bahawalpur.	2009
112	2639/SM	Foundation investigation of OHR at RWSS at Chak No. 127/P, Rahim Yar Khan.	2009
113	2641/SM	Foundation investigation of Head Regulators, Wooden Decking and RCC Bridges at BRBD Canal.	2009
114	2558/SM	Modified AASHO Test (4 Samples)	2008
115	2559/SM	Foundation investigation at the proposed site of OHR at Pir Khaliswala, B/N	2008
116	2560/SM	Foundation investigation at the proposed site of OHR at Nadir Shah, B/N	2008
117	2561/SM	Foundation investigation at the proposed site of OHR at Chak No. 59/4-R,BHP	2008
118	2562/SM	Foundation investigation at the proposed site of OHR at Chak No. 92/6-R,B/ N,	2008
119	2563/SM	Foundation investigation at the proposed site of OHR at Chak No. 85/5-R, B/N	2008
120	2564/SM	Foundation investigation at the proposed site of OHR at Chak No. 211/9-R, B/N.	2008

121	2565/SM	Foundation investigation at the proposed site of OHR at Chak No. 327/11-R, B/N.	2008
122	2566/SM	Foundation investigation at the proposed site of OHR at Chak No. 277/HR, B/N,	2008
123	2567/SM	Foundation investigation at the proposed site of OHR at Chak No.236/9-R, B/N,	2008
124	2568/SM	Foundation investigation at the proposed site of OHR at Chak No.169/7-R, B/N,	2008
125	2569/SM	Foundation investigation at the proposed site of OHR at Mansa Ram B/N.	2008
126	2570/SM	Foundation investigation at the proposed site of OHR at Makhdum Kot, B/N	2008
127	2571/SM	Foundation investigation at the proposed sites of Escape Channels on BRBD Canal	2008
128	2572/SM	Classification of Soil (16 soil Samples)	2008
129	2573/SM	Classification of Soil (2 soil Samples)	2008
130	2574/SM	Classification of 4 soil samples(Batapur)	2008
131	2575/SM	Foundation investigation at the proposed site Chak No.188/7-R (Eastern), B/N.	2008
132	2576/SM	Foundation investigation at the proposed site of OHR Chak No.185/7-R, B/N.	2008
133	2577/SM	Foundation investigation at the proposed site of OHR Chak No.232/9-R (Northern)	2008
134	2578/SM	Foundation investigation at the proposed site of OHR Chak No.232/9-R (Southern),	2008
135	2579/SM	Foundation investigation at the proposed site of OHR Chak No.301/H-R, B/N.	2008
136	2580/SM	Foundation investigation at the proposed site of OHR Chak No.167/7-R B/N.	2008
137	2581/SM	Foundation investigation at the proposed site of OHR Chak No.58/JB, Faisalabad.	2008
138	2582/SM	Foundation investigation at the proposed site of OHR Chak No.440/GB, FSD.	2008
139	2583/SM	Foundation investigation at the proposed site of OHR Chak No.170/GB, FSD.	2008
140	2584/SM	Foundation investigation at the proposed site of OHR Chak No.171/GB, FSD.	2008
141	2585/SM	Foundation investigation at the proposed site of OHR Chak No.41/GB, FSD.	2008
142	2586/SM	Foundation investigation at the proposed site of OHR Chak No.214/GB, FSD.	2008
143	2587/SM	Foundation investigation at the proposed site of OHR Chak No.258/RB, FSD.	2008



144	2588/SM	Foundation investigation at the proposed site of OHR Chak No.230/GB, FSD.	2008
145	2589/SM	Foundation investigation at the proposed site of OHR Chak No.231/GB, FSD.	2008
146	2590/SM	F.I at the proposed site of OHR in Irrigation Secretariat, Lahore.	2008
147	2591/SM	F.I at the proposed site of OHR Chak No.138/9-L, (Ehsanabad), Sahiwal.	2008
148	2592/SM	Foundation investigation at the proposed site of OHR Chak No.138/9-L, Sahiwal.	2008
149	2593/SM	F.I at the proposed site of OHR Chak No.108/7-R, Chichawatni.	2008
150	2594/SM	F.I at the proposed site of OHR Chak No.108/7-R, Western, Chichawatni.	2008
151	2595/SM	Foundation investigation at the proposed site of OHR Chak No.9/11-L, Sahiwal.	2008
152	2596/SM	F.I at the proposed site of OHR Chak No.7/11-L, (Lahorianwala) Sahiwal.	2008
153	2597/SM	F.I at the proposed site of OHR Chak No.9/11-L, Bambawala, Sahiwal.	2008
154	2598/SM	Modified AASHO Compaction Test (5)	2008
155	2599/SM	Foundation investigation at the proposed site of OHR Chak Shafi, Pakpattan.	2008
156	2600/SM	Foundation investigation at the proposed site of OHR Chak No. 58/SP, Pakpattan.	2008
157	2601/SM	Foundation investigation at the proposed site of OHR Chak No. 19/EB, Arifwala	2008
158	2602/SM	Foundation investigation at the proposed site of OHR Chak No. 59/EB, Arifwala	2008
159	2603/SM	Foundation investigation at the proposed site of OHR Chak No. 67/EB, Arifwala.	2008
160	2604/SM	Foundation investigation at the proposed site of OHR Chak No. 147/EB, Arifwala.	2008
161	2605/SM	F.I at the proposed site of OHR Rageam Basti, Bahawalnagar.(50000gln)	2008
162	2606/SM	Foundation investigation at the proposed OHR at Model Town,BHN (50000gln)	2008
163	2607/SM	Foundation investigation at the proposed site of OHR at GrainMarket MadrisaBHN	2008
164	2608/SM	Modified AASHO Compaction Test (3 Samples)	2008
165	2610/SM	Foundation investigation at the proposed site of a Multi-storey buildinf at Pearl Paint Chemical Industries, Defence Road, Raiwind Road, LHR.	2008



166	2611/SM	Modified AASHO Compaction Test(1Sample)	2008
167	2612/SM	F.I at the proposed site of VR bridge of Northern Branch,Sargodha.(3 No.)	2008
168	2613/SM	F.Iat the proposed sites of UCC Inlet & Sikhanwala Feeder Channel Outlet	2008
169	2614/SM	Classification of soil (70 samples)	2008
170	2615/SM	Modified AASHO Compaction Test(2)	2008
171	2616/SM	Modified AASHO Compaction Test(1)	2008
172	2617/SM	Modified AASHO Compaction Test(4)	2008
173	2618/SM	Modified AASHO Compaction Test(5)	2008
174	2619/SM	Classification of soil (4 samples of Qasim Canal at RD.10+100R/L	2008
175	2620/SM	Foundation investigation at the proposed site of OHR at UWSS at Kot Addu.	2008
176	2622/SM	Foundation investigation at the proposed site of OHR at Chak No. 20/EB, Arifwala.	2008
177	2559/SM	Foundation investigation at the proposed site of OHR at Pir Khaliswala, Bahawalnagar.	2008
178	2560/SM	Foundation investigation at the proposed site of OHR at Nadir Shah, Bahawalnagar.	2008
179	2561/SM	Foundation investigation at the proposed site of OHR at Chak No. 59/4-R, Bahawalnagar.	2008
180	2562/SM	Foundation investigation at the proposed site of OHR at Chak No. 92/6-R, Bahawalnagar.	2008
181	2563/SM	Foundation investigation at the proposed site of OHR at Chak No. 85/5-R, Bahawalnagar.	2008
182	2564/SM	Foundation investigation at the proposed site of OHR at Chak No. 211/9-R, Bahawalnagar.	2008
183	2565/SM	Foundation investigation at the proposed site of OHR at Chak No. 327/11-R, Bahawalnagar.	2008
184	2566/SM	Foundation investigation at the proposed site of OHR at Chak No. 277/HR, Bahawalnagar.	2008
185	2567/SM	Foundation investigation at the proposed site of OHR at Chak No.236/9-R, Bahawalnagar.	2008
186	2568/SM	Foundation investigation at the proposed site of OHR at Chak No.169/7-R, Bahawalnagar.	2008
187	2569/SM	Foundation investigation at the proposed site of OHR at Mansa Ram, Bahawalnagar.	2008
188	2570/SM	Foundation investigation at the proposed site of OHR at Makhdum Kot, Bahawalnagar.	2008
189	2571/SM	Foundation investigation at the proposed sites of Escape Channels on BRBD Canal , Lahore.	2008

190	2575/SM	Foundation investigation at the proposed site of OHR at Chak No.188/7-R (Eastern), Bahawalnagar.	2008
191	2576/SM	Foundation investigation at the proposed site of OHR at Chak No.185/7-R, Bahawalnagar.	2008
192	2577/SM	Foundation investigation at the proposed site of OHR at Chak No.232/9-R (Northern), Bahawalnagar.	2008
193	2578/SM	Foundation investigation at the proposed site of OHR at Chak No. 232/9-R (Southern), Bahawalnagar.	2008
194	2579/SM	Foundation investigation at the proposed site of OHR at Chak No.301/H-R, Bahawalnagar.	2008
195	2580/SM	Foundation investigation at the proposed site of OHR at Chak No.167/7-R, Bahawalnagar.	2008
196	2581/SM	Foundation investigation at the proposed site of OHR at Chak No.58/JB, Faisalabad.	2008
197	2582/SM	Foundation investigation at the proposed site of OHR at Chak No.440/GB, Faisalabad.	2008
198	2583/SM	Foundation investigation at the proposed site of OHR at Chak No.170/GB, Faisalabad.	2008
199	2584/SM	Foundation investigation at the proposed site of OHR at Chak No.171/GB, Faisalabad.	2008
200	2585/SM	Foundation investigation at the proposed site of OHR at Chak No.41/GB, Tehsil Samundri, Distt. Faisalabad.	2008
201	2586/SM	Foundation investigation at the proposed site of OHR at Chak No.214/GB, Faisalabad.	2008
202	2587/SM	Foundation investigation at the proposed site of OHR at Chak No.258/RB, Faisalabad.	2008
203	2588/SM	Foundation investigation at the proposed site of OHR at Chak No.230/GB, Faisalabad.	2008
204	2589/SM	Foundation investigation at the proposed site of OHR at Chak No.231/GB, Faisalabad.	2008
205	2590/SM	Foundation investigation at the proposed site of OHR in the compound of Irrigation Secretariat, Lahore.	2008
206	2591/SM	Foundation investigation at the proposed site of OHR at Chak No.138/9-L,(Ehsanabad), Sahiwal.	2008
207	2592/SM	Foundation investigation at the proposed site of OHR at Chak No.138/9-L, Sahiwal.	2008
208	2593/SM	Foundation investigation at the proposed site of OHR at Chak No.108/7-R, Chichawatni.	2008
209	2594/SM	Foundation investigation at the proposed site of OHR at Chak No.108/7-R (Western), Chichawatni.	2008
210	2595/SM	Foundation investigation at the proposed site of OHR at Chak No.9/11-L, Sahiwal.	2008

211	2596/SM	Foundation investigation at the proposed site of OHR at Chak No.7/11-L (Lahorianwala), Sahiwal.	2008
212	2597/SM	Foundation investigation at the proposed site of OHR at Chak No.9/11-L( Bambawala), Sahiwal.	2008
213	2599/SM	Foundation investigation at the proposed site of OHR at Chak Shafi,Pakpattan.	2008
214	2600/SM	Foundation investigation at the proposed site of OHR at Chak No. 58/SP, Pakpattan.	2008
215	2601/SM	Foundation investigation at the proposed site of OHR at Chak No. 19/EB, Arifwala, Pakpattan.	2008
216	2602/SM	Foundation investigation at the proposed site of OHR at Chak No. 59/EB, Arifwala, Pakpattan.	2008
217	2603/SM	Foundation investigation at the proposed site of OHR at Chak No. 67/EB, Arifwala, Pakpattan.	2008
218	2604/SM	Foundation investigation at the proposed site of OHR at Chak No. 147/EB, Arifwala, Pakpattan.	2008
219	2605/SM	Foundation investigation at the proposed site of OHR at Rageam Basti, Bahawalnagar.	2008
220	2606/SM	Foundation investigation at the proposed site of OHR at Model Town,Bahawalnagar.	2008
221	2607/SM	Foundation investigation at the proposed site of OHR at Grain Market Madrisa, Bahawalnagar.	2008
222	2610/SM	Foundation investigation at the proposed site of a multi-storey buliding at Pearl Chemical Industries, Raiwind Road, Lahore.	2008
223	2612/SM	Foundation investigation at the proposed site of VR bridges of Northern Branch, Sargodha.	2008
224	2613/SM	Foundation investigation at the proposed sites of UCC Inlet & Sikhanwala Feeder (Syphon) Channel Outlet.	2008
225	2620/SM	Foundation investigation at the proposed site of OHR at Kot Addu, Distt. Muzaffar Garh.	2008
226	2621/SM	Foundation investigation at the proposed site of OHR at Kot Adu, Distt. Muzaffar Garh.	2008
227	2622/SM	Foundation investigation at the proposed site of OHR at Chak No. 20/EB, Arifwala, Distt. Sahiwal.	2008
228	2530/SM	Foundation investigation at the proposed sites of D.R bridges over T.S Link	2007
229	2531/SM	Modified AASHO Test Depalpur Distt:	2007
230	2532/SM	Modified AASHO Test Depalpur	2007
231	2533/SM	Sieve Analysis of soil samples	2007
232	2535/SM	Foundation investigation at the proposed sites of OHR Chak No.387/JB T.T. Singh	2007

233	2536/SM	Foundation investigation at the proposed sites of OHR at Cheneb nagar T.T. Singh	2007
234	2537/SM	Foundation investigation at the proposed sites of Bridge over main link lower UCC Gujranwala.(5)	2007
235	2538/SM	17 No. Sieve analysis tests	2007
236	2539/SM	Foundation investigation at the proposed sites of OHR Chak No.288/GB,T.T.Singh	2007
237	2540/SM	Foundation investigation at the proposed sites of OHR Chak No.289/GB,T.T.Singh	2007
238	2541/SM	Foundation investigation at the proposed sites of Chak No.314-315/GB T.T. Singh	2007
239	2542/SM	Foundation investigation at the proposed sites of OHR Chak No.323/GB,T.T.Singh	2007
240	2543/SM	Foundation investigation at the proposed sites of OHR Chak No.381/GB,T.T.Singh	2007
241	2544/SM	Foundation investigation at the proposed sites of OHR Chak No.189/RB FSD	2007
242	2545/SM	Foundation investigation at the proposed sites of OHR Chak No.137/RB FSD	2007
243	2546/SM	Foundation investigation at the proposed sites of OHR Chak No.139/RB FSD	2007
244	2547/SM	Foundation investigation at the proposed sites of OHR Chak No.258/RB FSD	2007
245	2548/SM	Foundation investigation at the proposed sites of OHR Chak No.713/GB FSD	2007
246	2549/SM	Foundation investigation at the proposed sites of OHR Chak No.284/GB,T.T.Singh	2007
247	2550/SM	Foundation investigation at the proposed sites of OHR Chak No.439/GB,T.T.Singh	2007
248	2551/SM	Classification of 9 soil samples collected from Abbasia Disty.	2007
249	2552/SM	Classification of soil sample.	2007
250	2553/SM	Foundation investigation at the proposed sites of 4 bridges at outfall over Kalra Drain	2007
251	2554/SM	Classification of 2 No. soil samples.	2007
252	2555/SM	Classification of 10 No. soil samples.	2007
253	2556/SM	F.I at the proposed sites of Head Regulator Depalpur Disty at RD. (41+540)	2007
254	2557/SM	F.I at the proposed sites of Head Regulator and Bifurcation of LS Branch	2007
255	2535/SM	Foundation investigation at the proposed sites of OHR at Chak No.287/JB, T.T. Singh	2007

256	2536/SM	Foundation investigation at the proposed sites of OHR at Cheneb Nagar, Rabwah.	2007
257	2537/SM	Foundation investigation at the proposed sites of Bridge over Main Line Lower UCC Gujranwala.	2007
258	2539/SM	Foundation investigation at the proposed sites of OHR at Chak No.288/GB, T.T. Singh	2007
259	2540/SM	Foundation investigation at the proposed sites of OHR at Chak No.289/GB, T.T. Singh	2007
260	2541/SM	Foundation investigation at the proposed sites of OHR at Chak No.314-315/GB, T.T. Singh	2007
261	2542/SM	Foundation investigation at the proposed sites of OHR at Chak No.323/GB, T.T. Singh	2007
262	2543/SM	Foundation investigation at the proposed sites of OHR at Chak No.381/GB, T.T. Singh	2007
263	2544/SM	Foundation investigation at the proposed sites of OHR at Chak No.189/RB, Faisalabad	2007
264	2545/SM	Foundation investigation at the proposed sites of OHR at Chak No.137/RB, Faisalabad.	2007
265	2546/SM	Foundation investigation at the proposed sites of OHR at Chak No.139/RB, Faisalabad.	2007
266	2547/SM	Foundation investigation at the proposed sites of OHR at Chak No.258/RB, Faisalabad.	2007
267	2548/SM	Foundation investigation at the proposed sites of OHR at Chak No.713/GB, Faisalabad.	2007
268	2549/SM	Foundation investigation at the proposed sites of OHR at Chak No.284/GB, T.T. Singh.	2007
269	2550/SM	Foundation investigation at the proposed sites of OHR at Chak No.439/GB, T.T. Singh.	2007
270	2553/SM	Foundation investigation at the proposed sites of bridges at Outfall over Kalra Drain Gujrat.	2007
271	2556/SM	Foundation investigation at the proposed sites of Head regulator Depalpur Disty at RD 41+540.	2007
272	2557/SM	Foundation investigation at the proposed sites of Head regulator and bifurcation of Lower Sohag Branch	2007
273	2465/SM	Modified AASHO test of Sulemanki Divn. Sulemanki (Compaction Test 6)	2006
274	2466/SM	Foundation investigation for the proposed site of Highway bridge RD 154 LBDC	2006
275	2467/SM	Modified AASHO test for SDO Tahir Sub Div. DCC Depalpur (Compaction Test 2)	2006
276	2468/SM	Foundation investigation at the proposed sites of foot bridge on LJC.	2006

277	2469/SM	Modified AASHO test for Khanwah Div. DCC Depalpur. (Compaction Test 2)	2006
278	2470/SM	New escape heads at RD 238000 of Fordwah Branch at RD 54010 of Fordwah Distt. Bahawalnagar.	2006
279	2471/SM	OHR at Hafizabad Bahawalnagar.	2006
280	2472/SM	HR at Tabkara village Bahawalnagar. (SPT,G.S. Analysis)	2006
281	2473/SM	OHR Kalan singh Khurkan Bahawalnagar.	2006
282	2474/SM	OHR at Mauza Samand Singh Bahawalnagar.	2006
283	2476/SM	OHR at Chak No.5/Fordwah Bahawalnagar.	2006
284	2477/SM	OHR at Chak No.94/Fateh Bahawalnagar.	2006
285	2478/SM	OHR at Chak No.212/Fateh Bahawalnagar.	2006
286	2479/SM	OHR at Gulshan Colony Haroonabad Bahawalnagar.	2006
287	2480/SM	OHR at chak No.106/Fateh Haroonabad Distt. Bahawalnagar.	2006
288	2481/SM	OHR at chak No.167/Murad Bahawalnagar.	2006
289	2482/SM	Modified AASHO Test	2006
290	2484/SM	Modified AASHO Test)	2006
291	2485/SM	OHR at Chak No.169/9-L Sahiwal	2006
292	2486/SM	OHR at Chak No.93/12-L near road 90 more Sahiwal	2006
293	2487/SM	OHR at Chak No.126/GB Vehari.	2006
294	2489/SM	OHR at Chak No.461/EB Vehari. (SPT,G.S. Analysis)	2006
295	2490/SM	OHR at Chak No.321/EB Vehari.	2006
296	2491/SM	OHR at Chak No.183/WB Vehari.	2006
297	2492/SM	OHR at Chak No.330/WB Vehari.	2006
298	2493/SM	OHR at Chak No.196/WB Vehari.	2006
299	2494/SM	OHR at Chak No.86/WB Vehari.	2006
300	2495/SM	OHR at Chak Shatab Garh Vehari.	2006
301	2496/SM	OHR at Chak No.221, 213/WB Vehari.	2006
302	2497/SM	The Rehabilitation Punjnad Main Line RD 0 to 286 + 335 Tail (Phase-I).	2006
303	2498/SM	Shahiwala Disty RD 10 + 392 to RD. 75+023 tail of Shahwala disty Bahawalpur (8)	2006
304	2499/SM	OHR at Chak for Colony Jhang.	2006
305	2500/SM	OHR at Chak No.200/JB, Nasrana.	2006
306	2501/SM	8 Modified AASHO Tests, UJC Phalia.	2006
307	2502/SM	Foundation investigation at the proposed sites of 1 No. VR, 2 outfall cum bridge, 6 Nos water courses over Matta Drain.(17)	2006



308	2503/SM	Foundation investigation for the construction of 3 No. aqueducts at Tatla Drainage system Distt. Narowal.	2006
309	2504/SM	6 Modified AASHO test for SDO Renala.	2006
310	2505/SM	OHR at Christian Mangowal, Muslim & Muhammadia Colony Teh. Yazman..	2006
311	2506/SM	OHR at Chak No.10/DNB Teh. Yazman..	2006
312	2507/SM	OHR at Chak No.17/DNB Yazman..	2006
313	2508/SM	OHR at Chak No.24/A Jinnah Abadi Liaqat Pur.	2006
314	2509/SM	OHR at Chak No.33/DNB Blochian wali Teh. Yazman.	2006
315	2510/SM	OHR at Chak No.53/DB Yazman.	2006
316	2511/SM	OHR at Ch.No.57,58/FTHasalpur.	2006
317	2512/SM	OHR at Chak No.87/DE Yazman.	2006
318	2513/SM	OHR at Chak No.88/DE Yazman.	2006
319	2514/SM	OHR at Ch No.106/DNEYazman.	2006
320	2515/SM	Tahir Sub Divn. Depalpur. (2)	2006
321	2516/SM	Khudian Sub Divn. Kasur. (2 Tests)	2006
322	2517/SM	Multi Storied Building Bullah shah Road Amer Sidhu LHR.	2006
323	2518/SM	For Pumping station of Near Awami Colony on Eastern Sadiqia Canal at RD 17500.	2006
324	2519/SM	Clasification of soil (G S Analysis)	2006
325	2520/SM	Clasification of soil atChanpir colony Jhang (SPT)	2006
326	2521/SM	1 Modified AASHO Test Shakargarh.	2006
327	2522/SM	Foundation investigation for the construction of 5 bridges at Tattle Drain.	2006
328	2523/SM	3 No. Modified AASHO Tests	2006
329	2524/SM	Foundation investigation at the proposed site of OHR in extension Urban Water Supply Scheme, Jaranwala	2006
330	2525/SM	6 No. Grain size, In-situ dry density	2006
331	2526/SM	6 No. Grain size and AASHO Comp Test	2006
332	2527/SM	27 No.Sieve analysis tests	2006
333	2528/SM	F.I for the construction of 3 No. bridges of TATTLE Drainage Systemt, Narowal.	2006
334	2529/SM	Foundation investigation at the proposed sites of OHR Chak No.86/6-R Sahiwal	2006
335	2466/SM	Foundation investigation for the proposed site of Highway bridge at RD 154+000 of LBDC, Renal Sub Division.	2006
336	2468/SM	Foundation investigation at the proposed sites of Foot bridge on LJC, Mandi Bahauddin.	2006



337	2470/SM	Foundation investigation at the proposed sites of New Escape Heads at RD 238+000 of Fordwah Branch and RD 54+010 of Fordwah Disty. Bahawalnagar.	2006
338	2471/SM	Foundation investigation at the proposed sites of OHR at Hafizabad, Bahawalnagar.	2006
339	2472/SM	Foundation investigation at the proposed sites of OHR at Tabkara village, Bahawalnagar.	2006
340	2473/SM	Foundation investigation at the proposed sites of OHR at Kalan Singh Khurkan, Bahawalnagar.	2006
341	2474/SM	Foundation investigation at the proposed sites of OHR at Fidai Shah, Bahawalnagar.	2006
342	2475/SM	Foundation investigation at the proposed sites of OHR at Mauza Samand Singh, Bahawalnagar.	2006
343	2476/SM	Foundation investigation at the proposed sites of OHR at Chak No.5/ Fordwah, Bahawalnagar.	2006
344	2477/SM	Foundation investigation at the proposed sites of OHR at Chak No.94/ Fateh, Bahawalnagar.	2006
345	2478/SM	Foundation investigation at the proposed sites of OHR at Chak No.212/ Fateh, Bahawalnagar.	2006
346	2479/SM	Foundation investigation at the proposed sites of OHR at Gulshan Colony, Haroonabad.	2006
347	2480/SM	Foundation investigation at the proposed sites of OHR at chak No.106/ Fateh Haroonabad.	2006
348	2481/SM	Foundation investigation at the proposed sites of OHR at chak No.167/ Murad, Bahawalnagar.	2006
349	2485/SM	Foundation investigation at the proposed sites of OHR at Chak No.169/9-L, Sahiwal	2006
350	2486/SM	Foundation investigation at the proposed sites of OHR at Chak No.93/12-L, Sahiwal.	2006
351	2487/SM	Foundation investigation at the proposed sites of OHR at Chak No.126/EB, Vehari.	2006
352	2488/SM	Foundation investigation at the proposed sites of OHR at Chak No.373/ EB, Vehari.	2006
353	2489/SM	Foundation investigation at the proposed sites of OHR at Chak No.461/EB, Vehari.	2006
354	2490/SM	Foundation investigation at the proposed sites of OHR at Chak No.321/EB, Vehari.	2006
355	2491/SM	Foundation investigation at the proposed sites of OHR at Chak No.183/WB, Vehari.	2006
356	2492/SM	Foundation investigation at the proposed sites of OHR at Chak No.330/WB, Vehari.	2006
357	2493/SM	Foundation investigation at the proposed sites of OHR at Chak No.196/WB Vehari.	2006

358	2494/SM	Foundation investigation at the proposed sites of OHR at Chak No.86/WB, Vehari.	2006
359	2495/SM	Foundation investigation at the proposed sites of OHR at Chak Shatab Garh, Vehari.	2006
360	2496/SM	Foundation investigation at the proposed sites of OHR at Chak No.211/WB, 213/WB, Vehari.	2006
361	2497/SM	Foundation investigation at the proposed sites of Punjnad Main Line RD 0+000 to RD 286 + 335 Tail.	2006
362	2498/SM	Foundation investigation at the proposed sites of RD 10+392 to RD 75+023 tail of Shahiwala disty.	2006
363	2499/SM	Foundation investigation at the proposed sites of OHR at Chan Pir Colony, Jhang.	2006
364	2500/SM	Foundation investigation at the proposed sites of OHR at Chak No.200/JB, Nasrana, Jhang.	2006
365	2503/SM	Foundation investigation for the construction of Aquaduct of Tatla Drainage system, Narowal.	2006
366	2505/SM	Foundation investigation at the proposed sites of OHR at Christian Mangowal, Muslim & Muhammadia Colony, Teh. Yazman.	2006
367	2506/SM	Foundation investigation at the proposed sites of OHR at Chak No.16/DNB, Teh. Yazman..	2006
368	2507/SM	Foundation investigation at the proposed sites of OHR at Chak No.17/DNB, Teh. Yazman..	2006
369	2508/SM	Foundation investigation at the proposed sites of OHR at Chak No.24/A, Jinnah Abadi, Liaqat Pur.	2006
370	2509/SM	Foundation investigation at the proposed sites of OHR at Chak No.33/DNB, Blochianwali, Teh. Yazman.	2006
371	2510/SM	Foundation investigation at the proposed sites of OHR at Chak No.53/DB, Teh. Yazman..	2006
372	2511/SM	Foundation investigation at the proposed sites of OHR at Chak No.57-58/F, Teh. Hasalpur.	2006
373	2512/SM	Foundation investigation at the proposed sites of OHR at Chak No.87/DB Teh. Yazman.	2006
374	2513/SM	Foundation investigation at the proposed sites of OHR at Chak No.88/DB, Teh. Yazman.	2006
375	2514/SM	Foundation investigation at the proposed sites of OHR at Chak No.106/DNB Teh. Yazman.	2006
376	2517/SM	Foundation investigation at the proposed sites of Multi Storey Building, Bullah Shah Road, Amer Sidhu, Lahore.	2006
377	2518/SM	Foundation investigation at the proposed sites of Pumping station near Awami Colony, Bahawalnagar.	2006

378	2522/SM	Foundation investigation Of VR bridge at Tattla Drain, Narowal.	2006
379	2524/SM	Foundation investigation at the proposed site of OHR at Jaranwala.	2006
380	2528/SM	Foundation investigation of Bridges of Tattla Drain, Narowal.	2006
381	2529/SM	Foundation investigation at the proposed sites of OHR Chak No.86/6-R, Sahiwal	2006
382	2405/SM	Foundation investigation at the proposed site of V.R foot bridges at Jhajri Nullah Narowal (S.P.T,G.S,etc)	2005
383	2406/SM	Foundation investigation at the proposed site of extension of V.R Bridges at RD 40+0510,25+483 LJC(S.P.T,G.S,etc)	2005
384	2407/SM	Modified AASHO test of Lalla Disty Khanda Minor(G.S,Comp.etc)	2005
385	2408/SM	Modified AASHO test for construction guide wall spur at Mallianwala	2005
386	2409/SM	Foundation investigation RD 146,145+612,167+900 Upper Gugera Branch Farooq Abad (S.P.T,G.S,etc)	2005
387	2410/SM	Foundation investigation at the proposed site of foot bridges at RD 105,829,144,693,157,500 LJC. (S.P.T,G.S,etc)	2005
388	2411/SM	Foundation investigation at the proposed site of Overhead water reservoir OHR at Chak No 153 RD Tehsil Chak Jhumara District FSD (S.P.T,G.S,etc)	2005
389	2412/SM	AASHO Compaction test for Q.B.Link Divn Farooq Abad (Comp. 1)	2005
390	2413/SM	Foundation investigation of OHR at Rakh Kaki Khana, Tehsil Shorkot, Distt. Jhang.	2005
391	2414/SM	Foundation investigation of OHR at Chak No 325/GB Tehsil and Distt.T.T .Singh	2005
392	2415/SM	Foundation investigation of OHR at Chak No 307/GB Tehsil and Distt.T.T .Singh (S.P.T,G.S,etc)	2005
393	2416/SM	Foundation investigation of OHR at Chak No 341/GB Tehsil and Distt.T.T .Singh (S.P.T,G.S,etc)	2005
394	2417/SM	Foundation investigation of OHR at Gojra Tehsil Gojra Distt. T.T.Singh (S.P.T,G.S,etc)	2005
395	2418/SM	Foundation investigation at the proposed site of foot bridges RD 2+500 and VR Bridges at RD 3+800 & 47+300,Hasri Drainage System-II	2005
396	2419/SM	Modified AASHO test guide head spur, mole head spur B.S.Link Canal	2005

397	2420/SM	Modified AASHO test Pandoki outfall bridges & other infrastructure study river (	2005
398	2421/SM	Modified AASHO test feeder channel from RD 13+593 B.S.Link (S.P.T,G.S,etc)	2005
399	2422/SM	Foundation investigation of VR foot bridges on Gujranwala Drainage system	2005
400	2423/SM	Modified AASHO test for Mangtanwala Drainage UCC (S.P.T,G.S,etc)	2005
401	2424/SM	Foundation investigation of OHR at the proposed site at Jubli Town LHR	2005
402	2425/SM	Foundation investigation of outfall, aqueducts & bridges on Reli & Gar Ken minors of KWL Divn (S.P.T,G.S,etc)	2005
403	2426/SM	Modified AASHO test for the construction of Pump House of Mohar Lift Irrigation Scheme	2005
404	2427/SM	Foundation investigation at V.R bridges RD 79+600,388+950,95+550& 109+450(8 Sites) (S.P.T,G.S,etc)	2005
405	2428/SM	Foundation investigation at V.R bridges over Hudiara Drain RD 2700 to Sahir Associates khayaban e- Ameen, LHR	2005
406	2429/SM	Modified AASHO test of borrow pit area	2005
407	2430/SM	Modified AASHO test for Fateh Mohammad Disty from erosion of River Sutlej (part II)	2005
408	2431/SM	Foundation investigation at V.R bridges on Hasri Drain –II Daska (S.P.T,G.S,etc)	2005
409	2432/SM	Foundation investigation and Modified AASHO test RD 00-5500,RD 5500-6500	2005
410	2433/SM	Foundation investigation of OHR at Gojra Distt . T.T Singh (S.P.T,G.S,etc)	2005
411	2434/SM	Modified compaction test natural dry density & percent compaction test (6)	2005
412	2435/SM	12 No.In-situ dry density tests	2005
413	2436/SM	Modified Proctor Compaction Test at Shakargarh (1)	2005
414	2437/SM	Foundation investigation V.R bridges at RD 69+400 Lower Sohag Branch.	2005
415	2438/SM	Foundation investigationfor the construction of pump house A&B of Spill Mohar Lift Irrigation Scheme-B	2005
416	2439/SM	Modified AASHO Test (1)	2005
417	2440/SM	Foundation investigation for construction of V.R bridges at RD 10+000 over Deg Nullah near Mouza Mumber Distt Sheikhupura (S.P.T,G.S,etc)	2005

418	2441/SM	Foundation investigation for construction of A.R bridges at tail head regulator of LJC faqrian (S.P.T,G.S,etc)	2005
419	2442/SM	Foundation investigation for construction of head regulator of Pakhiala Disty & rehabilitation of head regulator of Kala Khatai and Gujran Disty (S.P.T,G.S,etc)	2005
420	2443/SM	Foundation investigation at the proposed site of V.R bridges at RD 23+400 Sindhnai Feeder Multan (S.P.T,G.S,etc)	2005
421	2444/SM	Foundation investigation at the proposed site of head regulator & fall on Mangtanwala Feder (S.P.T,G.S,etc)	2005
422	2445/SM	Foundation investigation at the proposed site OHR at Chak No 35/ GB FSD	2005
423	2446/SM	Foundation investigation at the proposed site of OHR at Chak No 120/ GB FSD	2005
424	2447/SM	Foundation investigation at the proposed site OHR at Chak No 122/ GB, FSD	2005
425	2448/SM	Foundation investigation at the proposed site OHR at Chak No 137/ GB, FSD	2005
426	2449/SM	Foundation investigation at the proposed site OHR at Chak No 167/ GB, FSD	2005
427	2450/SM	Foundation investigation at the proposed site OHR at Chak No. 479/ GB, FSD	2005
428	2451/SM	Foundation investigation at the proposed site OHR at Chak No 125/ GB, FSD	2005
429	2452/SM	Foundation investigation at the proposed site OHR at Chak No 143/ GB, FSD	2005
430	2453/SM	Foundation investigation at the proposed site OHR at Chak No 261/ GB, FSD	2005
431	2454/SM	Foundation investigation at the proposed site OHR at Chak No 309/ GB, FSD	2005
432	2455/SM	Foundation investigation at the proposed site OHR at Chak No 310/ GB, FSD	2005
433	2456/SM	Foundation investigation at the proposed site OHR at Chak No 316/ GB, FSD	2005
434	2457/SM	Foundation investigation at the proposed site OHR at Chak No 321/ GB, FSD	2005
435	2458/SM	Foundation investigation at the proposed site OHR at Chak No 349/ GB, FSD	2005
436	2459/SM	Modified AASHO Compaction Test	2005

437	2460/SM	Foundation Investigation at the proposed site of Alipur Saddat JPP Multan	2005
438	2461/SM	Foundation Investigation at the proposed site at Chak No. 235/WB Dunyapur Lodhran	2005
439	2462/SM	Foundation Investigation at the proposed site of OHR Chak No. 327/WB Lodhran	2005
440	2463/SM	Foundation Investigation at the proposed site of VR Bridge of Southern Branch	2005
441	2464/SM	Foundation Investigation at the proposed site of OHR at Social Welfare, Lahore	2005
442	2405/sm	Foundation investigation at the proposed site of V.R and Foot bridges at Jhajri Nullah Narowal	2005
443	2406/SM	Foundation investigation at the proposed site of V.R Bridges at RD 40+510 and RD25+483 of LJC, Development Div. Mandi Bahauddin.	2005
444	2409/SM	Foundation investigation at RD146+000, RD145+612 and RD167+900 of Upper Gugera Branch Farooqabad.	2005
445	2410/SM	Foundation investigation at the proposed site of Foot bridges at RD 105+829, RD144+693 and 157+500 of LJC.	2005
446	2411/SM	Foundation investigation at the proposed site of OHR at Chak No 153/ RB, Tehsil Chak Jhumara District Faisalabad.	2005
447	2414/SM	Foundation investigation of OHR at Chak No.325/GB, Tehsil and Distt.T.T .Singh	2005
448	2415/SM	Foundation investigation of OHR at Chak No. 307/GB, Tehsil and Distt.T.T .Singh.	2005
449	2416/SM	Foundation investigation of OHR at Chak No. 341/GB, Tehsil and Distt.T.T .Singh.	2005
450	2417/SM	Foundation investigation of OHR at Gojra, Tehsil Gojra, Distt. T.T.Singh.	2005
451	2418/SM	Foundation investigation at the proposed site of foot bridges at RD 2+500 and VR Bridges at RD 3+800 & 47+300, Hasri Drainage System-II.	2005
452	2422/SM	Foundation investigation of VR and Foot bridges of Gujranwala Drainage system	2005
453	2424/SM	Foundation investigation of OHR at the proposed site of Jubli Town, Lahore.	2005
454	2425/SM	Foundation investigation of Outfall, Aqueducts & bridges on Reli & Garkana Minors of Khenewal Division.	2005

455	2427/SM	Foundation investigation of V.R bridges at RD 79+600, RD 88+950, RD 95+550 & RD 109+450 UGB, Farooqabad.	2005
456	2428/SM	Foundation investigation of V.R bridges over Hudiara Drain at RD 2+700.	2005
457	2431/SM	Foundation investigation of V.R bridges on Hassri Drain – II, Daska.	2005
458	2433/SM	Foundation investigation of OHR at Gojra Distt . Toba Tak Singh	2005
459	2437/SM	Foundation investigation of V.R bridges at RD 69+400 of Lower Sohag Branch	2005
460	2440/SM	Foundation investigation for construction of V.R bridges at RD 10+000 over Deg Nullah near Mouza Mumber, Distt Sheikhpura.	2005
461	2441/SM	Foundation investigation of A.R bridges at the tail of LJC Head Regulator Faqirian. (S.P.T,G.S,etc)	2005
462	2442/SM	Foundation investigation for construction of Head Regulator of Pakhiala Disty & Rehabilitation of Head Regulator of Kala Khatai and Gujran Disty.	2005
463	2443/SM	Foundation investigation at the proposed site of V.R bridges at RD 23+400 of Sindhna Feeder, Multan.	2005
464	2444/SM	Foundation investigation at the proposed site of Head Regulator & Fall on Mangtanwala Feeder	2005
465	2445/SM	Foundation investigation at the proposed site of OHR at Chak No 35/ GB, Faisalabad.	2005
466	2446/SM	Foundation investigation at the proposed site of OHR at Chak No 120/ GB, Faisalabad	2005
467	2447/SM	Foundation investigation at the proposed site of OHR at Chak No 122/ GB, Faisalabad	2005
468	2448/SM	Foundation investigation at the proposed site of OHR at Chak No 137/ GB, Faisalabad.	2005
469	2449/SM	Foundation investigation at the proposed site of OHR at chak no 167/ GB, Faisalabad.	2005
470	2450/SM	Foundation investigation at the proposed site of OHR at Chak No 479/ GB, Faisalabad.	2005
471	2451/SM	Foundation investigation at the proposed site of OHR at Chak No 125/ RB, Faisalabad	2005
472	2452/SM	Foundation investigation at the proposed site of OHR at Chak No 143/ GB, Faisalabad.	2005
473	2453/SM	Foundation investigation at the proposed site of OHR at Chak No 261/ RB, Faisalabad.	2005
474	2454/SM	Foundation investigation at the proposed site of OHR at Chak No 309/ JB, Faisalabad.	2005



475	2455/SM	Foundation investigation at the proposed site of OHR at Chak No 310/ JB, Faisalabad.	2005
476	2456/SM	Foundation investigation at the proposed site of OHR at Chak No 316/ JB, Faisalabad.	2005
477	2457/SM	Foundation investigation at the proposed site of OHR at Chak No 321/ JB, Faisalabad.	2005
478	2458/SM	Foundation investigation at the proposed site of OHR at Chak No 349/JB, Faisalabad.	2005
479	2460/SM	Foundation investigation at the proposed site of Alipur Saddat JPP, Multan.	2005
480	2461/SM	Foundation investigation at the proposed site of Chak No. 235/WB, Dunyapur, Lodhran.	2005
481	2462/SM	Foundation investigation at the proposed site of OHR chak No. 227/WB, Lodhran.	2005
482	2463/SM	Foundation investigation at the proposed site of VR Bridge of Southern Branch., Sargodha.	2005
483	2464/SM	Foundation investigation at the proposed site of OHR at the Office of D.G., Lahore.	2005
484	2346/SM	Foundation investigation at OHR at Tarkhana Marida and Dadyal-Shajwal Teh. Shakargarh. (SPT, GS, etc)	2004
485	2347/SM	Foundation investigation at Raising of Khokhar Zer and Surlah dams. ( SPT, GS,Atterberg, Compaction, Permeablity tests	2004
486	2348/SM	Foundation investigation at PC WSS (PLU) Faisalabad. (SPT, GS, etc)	2004
487	2349/SM	Classification of 35 No. soil samples of “Remodeling of Thal Canal Project”.	2004
488	2350/SM	Classification of 34 No. soil samples of “Restoration and improvement of banks and prism of BS Link Canal (GS & Comp. etc).	2004
489	2351/SM	Classification of 69 No. soil samples for construction of river training work along right bank of River Sutlej. ( GS,Comp. etc)	2004
490	2352/SM	Classification of 72 No. soil samples of constructing of Head Spur at tail of QB Link Canal to protect outfall structure.	2004
491	2353/SM	Classification of 22 No. soil samples for construction of 4 No. sloping dikes and mole head spur on right side of river Ravi. ( GS, Comp. etc)	2004
492	2354/SM	Classification of 3 No. soil samples of borrows pit area, sand earth J-head cutting portion, sand earth shank cutting portion. ( GS, Comp. etc.)	2004

493	2355/SM	Classification of 70 No. soil samples of along the alignment of Bhani Drain RD 0-35000 in Lahore Distt.	2004
494	2356/SM	Classification of 3 No. soil samples of LCC System"A"Upper Gugera Branch.(Comp.)	2004
495	2357/SM	Classification of 10 No. soil samples for the construction of J-head Spur Shampur on right bank of River Chenab B/pit No.1 and slopping stud U/S spur No.2, 4 ,8 and extension of Gujrat flood bund. (GS,Comp.)	2004
496	2358/SM	Classification of 6 No. soil samples for the construction of J-head spur RD 12000 Chachran bund.	2004
497	2359/SM	Classification of 30 No. soil samples of bund scheme for the construction of 4 No. Slopping dikes and mole head etc.	2004
498	2360/SM	Foundation investigation for installation of captive power plant at Ittehad Chemicals Ltd Kala Shah Kaku Distt Sheikhupura. (8)	2004
499	2361/SM	Soil investigation for the sample taken from Lakhneki Drain. (Atterberg, etc)	2004
500	2362/SM	Foundation investigation for the structures of project, "Rehabilitation. LCC System.(8)	2004
501	2364/SM	Foundation investigation for the structures of project, "Rehabilitation. LCC System(17)	2004
502	2365/SM	Foundation investigation for the proposed sites of foot bridges on Southern Branch (3)	2004
503	2366/SM	Foundation investigation for the proposed sites of VR Bridges, foot bridges at AIK Nullah Drain Adian, Philloki, Dheroki and Isherke, Drainage System. (12)	2004
504	2367/SM	Classification of 6 No. soil samples for the Extension of Chander Flood Bund and Khanwah Flood Bund. (GS, Atterberg. etc)	2004
505	2368/SM	Soil investigation at Spur site 1-B Chahwala Kot-adu. (GS, etc)	2004
506	2369/SM	Soil investigation at Main Branch Lower Canal. (GS, Comp.etc)	2004
507	2370/SM	Foundation investigation at Taunsa Barrage Divn Kot-adu. (10)	2004
508	2371/SM	Foundation investigation of soil for the structure of project, Rehabilitation LCC System.(6)	2004

509	2372/SM	Foundation investigation for fall structure at RD 271+150 and Escape Structures MBL 304-359, 395, 317. (14)	2004
510	2373/SM	Foundation investigation of structure of project "Rehabilitation LCC System.(6)	2004
511	2374/SM	Classification of 87 No. soil samples of Shujabad Canal Divn Multan. (GS, etc)	2004
512	2375/SM	Classification of 10 No. soil samples of Spur No.7 at RD.19000 of Khanewal Flood Bund, M.Garh canal.	2004
513	2376/SM	Classification of 30 No. soil samples of Rangpur Canal M.Garh. (GS, etc)	2004
514	2377/SM	Foundation investigation at Sagar Head regulator of LCC. (2 SPT, GS, etc)	2004
515	2378/SM	Classification of 48 No. soil samples of Mari pattan Bridge at Okara. (GS, etc)	2004
516	2379/SM	Foundation investigation at Sagar Head regulator project. (SPT, GS, etc)	2004
517	2380/SM	Classification of 24 No. soil samples of t Development Divn II Sanda road Lahore.	2004
518	2381/SM	Classification of 80 No. soil samples of M.Garh Canal Divn M.Garh.	2004
519	2382/SM	Classification of 20 No. soil samples of Trimmu Barrage Divn Trimmu. (GS, etc)	2004
520	2383/SM	Classification of 108 No. soil samples of Sidhnai Barrage Divn Abdul Hakim.	2004
521	2384/SM	Classification of 44 No. soil samples of DG Khan Construction Divn. (GS, etc)	2004
522	2385/SM	Soil investigation at Khokhra Sub Divn UJC Rasul. (Comp.4)	2004
523	2386/SM	Classification of 26 No. soil samples of Wazirabad protection bund. (GS, etc)	2004
524	2387/SM	Foundation investigation at the proposed site of bridge at LJC at RD 46+650. (2)	2004
525	2388/SM	Classification of 1 No. soil sample of Khokhra Disty RD 0-7500. (Comp test, etc)	2004
526	2389/SM	Soil investigation at Lakhnewala Minor RD 0-1 & borrow pit. (GS, etc)	2004
527	2390/SM	Soil investigation at Chachran link bund J-Head spur at RD 125. (GS, etc)	2004
528	2391/SM	Soil investigation at Slopping spur 1, 2, 3 and J-Head spur RD 56+400, 54+460, 56+960. (GS, etc)	2004

529	2392/SM	Foundation investigation of new head regulator Shadrah distributory RD 274+765 of BRBD Link. (SPT, GS, etc)	2004
530	2393/SM	Soil investigation at Renala Canal Sub Divn. (Compaction test, etc)	2004
531	2394/SM	Classification of 2 No. soil samples of J-Head spur at RD 88+200 Shehr Sultan flood bund and Mole head spur at RD 0+200 of spur No. 2 Shehr Sultan flood bund	2004
532	2395/SM	Soil investigation at Slopping spur No.2 along Fateh Mohammad. (GS, etc)	2004
533	2396/SM	Soil investigation at Development Divn II. (Comp. Test 3, etc)	2004
534	2397/SM	Soil investigation at Mandi Bhauddin. (Comp. test 7, etc)	2004
535	2398/SM	Soil investigation at 1 Soil sample Renala Sub Divn. (Comp. Test 1, etc)	2004
536	2399/SM	Soil investigation of 5 Soil samples Lahore Drainage Divn. (Comp. Test 5)	2004
537	2400/SM	Soil investigation at 1 soil sample Lahore Drainage Divn. (Comp. Test)	2004
538	2401/SM	Foundation investigation at the proposed site of bridge of daska drain RD 1+500 Abdal Drain RD 2+400 and 22+344.(3)	2004
539	2402/SM	Foundation investigation at the proposed site of VR Bridge. (4)	2004
540	2403/SM	Foundation investigation at the proposed site of VR Bridges at Hassri Nullah I Daska. (5)	2004
541	2404/SM	Foundation investigation at the proposed site of VR Bridges at RD 69+650 Sidhnai Canal Multan. ( 2 )	2004
542	2346/SM	Foundation investigation of OHR at Tarkhana Marida and Dadyal-Shajwal Teh. Shakargarh.	2004
543	2348/SM	Foundation investigation of OHR at Chak No. 95/GB, Faisalabad.	2004
544	2360/SM	Foundation investigation for installation of captive power plant at Ittehad Chemicals Ltd, Kala Shah Kaku, Distt Sheikhupura.	2004
545	2362/SM	Foundation investigation of masonry structures of the Project Rehabilitation of LCC system.	2004
546	2363/SM	Foundation investigation at masonry structures of the Project Rehabilitation of LCC system.	2004
547	2365/SM	Foundation investigation for the proposed sites of Foot bridges on Southern Branch.	2004

548	2366/SM	Foundation investigation for the proposed sites of VR and Foot bridges at Aik Nullah Drain Adian, Philloki, Dheroki and Isherke.	2004
549	2371/SM	Foundation investigation of soil structure of Project Rehabilitation of LCC System.	2004
550	2372/SM	Foundation investigation of Fall Structure at RD 271+150 and Escape Structure MBL at RD 304+000-359+000, 395+000, 317+000.	2004
551	2373/SM	Foundation investigation of structure of Project Rehabilitation of LCC System.	2004
552	2377/SM	Foundation investigation of Sagar Head regulator of LCC.	2004
553	2379/SM	Foundation investigation of Sagar Head Regulator project.	2004
554	2387/SM	Foundation investigation at the proposed site of bridge at LJC at RD 46+650.	2004
555	2392/SM	Foundation investigation of new Head Regulator Shahdrah Distributory at RD 274+765 of BRBD Link Canal.	2004
556	2401/SM	Foundation investigation at the proposed site of VR bridges of Daska Drain at RD 1+500, Abdal Drain at RD 2+400 and 22+344.	2004
557	2402/SM	Foundation investigation at the proposed site of VR Bridge.	2004
558	2403/SM	Foundation investigation at the proposed site of VR Bridges at Hassri Nullah, Daska.	2004
559	2404/SM	Foundation investigation at the proposed site of VR Bridges at RD 69+650 of Sidhnai Canal. Multan.	2004
560	2330/SM	Foundation Investigation tests at V.R Bridge on Aik Nullah at RD-16669 Daska	2003
561	2331/SM	Classification of 21 No. soil samples of J. Head Spur opposite village Qasman & Spur of Shehr Sultan Sub Div. Ali Pur	2003
562	2332/SM	Classification of 36 No. soil samples of Spur of Shehr Sultan Sub Div. Ali Pur	2003
563	2333/SM	Foundation Investigation tests at Rehabilitation of Koth Nullah Drainage System (structure)	2003
564	2334/SM	Classification of 127 No. soil samples of Right bank of BS Link –I( RD-106 to 240)	2003
565	2335/SM	Foundation Investigation for construction of Multi storey Plaza at 17/A Abu Bakar Block Garden Town, Lahore.	2003

566	2336/SM	Foundation Investigation tests at Rehabilitation of Sangowali & Dilawar Cheema Drainage System (9 Structures)	2003
567	2337/SM	Classification of 23 No. soil samples of Protecting/ Out fall of River bed at Spur No.1, 2 & 3.	2003
568	2338/SM	Classification of 194 No. soil samples of Sukhrawa & Balloke Drainage systems Sahiwal	2003
569	2339/SM	Classification of 18 No. soil samples of Protecting Mallianwala Army Firing Range on left Bank of River Chenab by providing Spurs.	2003
570	2340/SM	Classification of soil samples& Insitu dry density.	2003
571	2341/SM	Foundation Investigation tests at Soil data for subsidiary weir downstream head regulator of main line lower Bombanwala.	2003
572	2342/SM	Foundation Investigation tests at V.R Bridge in Daska Drainage RD-10 opposite village Dhilam Blug an AIK Nullah Tunnel Nullah RD-73	2003
573	2343/SM	Foundation Investigation tests at Building New fall at RD-3500 at HRS Nandipur	2003
574	2344/SM	Classification of 16 No. soil samples of Borrow Areas vicinity of BS Link Canal	2003
575	2345/SM	Classification of 46 No. soil samples of alignment of Two Nos. Cunnets on River Sutlej.	2003
576	2330/SM	Foundation Investigation of V.R Bridge on Aik Nullah at RD-16+669, Daska	2003
577	2335/SM	Foundation Investigation for construction of Multi Storey Plaza at 17/A, Abu Bakar Block, Garden Town, Lahore.	2003
578	2336/SM	Foundation Investigation of VR bridges of Sangowali & Dilawar Cheema Drainage System	2003
579	2341/SM	Foundation Investigation of Outfall, Main Line Lower UCC,Bombanwala.	2003
580	2342/SM	Foundation Investigation of V.R Bridges at Aik Nullah, Begowala and Tummelwah Nullah.	2003
581	2343/SM	Foundation Investigation of New fall of Disty. at Field Research Station, Nandipur.	2003
582	2314/SM	Foundation Investigation for construction of VR bridge over Aik Nullah U/S of Aik Spur passage RD 90+190 M R Link, Sialkot	2002
583	2315/SM	Foundation Investigation & AASHO compaction tests from left of BRBD Link	2002

584	2316/SM	Various tests i.e. Insitu Van Shear, Insitu dry density, grain size analysis of soil samples collected at BS Link-I RD.207-208(Breach Site)	2002
585	2317/SM	9 No. soil samples for various tests from left of Thal Canal at RD 34+000 & 44200 at various depth.	2002
586	2318/SM	SPT for the sites of Bridge on Upper Depalpur Canal & BRBD Canal.	2002
587	2319/SM	Suspended sediment samples of Ghabir Nullah.	2002
588	2322/SM	Classification of 2 No. soil samples, "Remodeling of Thal Canal Project"	2002
589	2323/SM	Classification of 36 No. soil samples, "Rehabilitation of LCC RD 0 to Tail Khanki".	2002
590	2324/SM	Classification of 11 No. soil samples, "Rehabilitation of LCC RD 0 to Tail Khanki".	2002
591	2325/SM	Foundation Investigation at BS Link 1 (6 SPT)	2002
592	2327/SM	Classification of 27 No. soil samples, "Restoration & improvement of banks & Prism of BS Link Canal I & II".	2002
593	2328/SM	Classification of 60 No. soil samples, "Restoration & improvement of banks & Prism of BS Link Canal I & II".	2002
594	2329/SM	Suspended sediment samples from Dharabi Dam.	2002
595	2314/SM	Foundation investigation of VR bridge over Aik Nullah U/S of Aik Spur passage RD 90+190 Sialkot.	2002
596	2316/SM	Foundation investigation at RD 207+000 -208+000/ R of BS Link I	2002
597	2318/SM	Foundation investigation of VR Bridges at Upper Depalpur Canal & BRBD Canal.	2002
598	2325/SM	Foundation Investigation of bridges at BS Link 1	2002
599	2308/SM	Foundation investigation of bridge at Saim Nullah at Kotli Loharan, Daska.	1999
600	2302/SM	Foundation investigation of College Block, Allama Iqbal Town, Lahore.	1998
601	-	Monitoring the relative efficiency of Sprinklers and Emitters in Punjab.	1998
602	-	Evaluation of different type of tubewell screens in different areas of Punjab (Interim Report).	1998
603	-	Model study on Development of Ground Water Resources of Punjab Artificial Recharge (Interim Report)..	1998
604	-	Assessment of Pollution in Water Resources (Interim Report).	1998



605	-	Model Study to Evolve Efficient Enveloping Materials for Sub surface Drains (Interim Report)	1998
606	-	Monitoring and Evaluation of river discharge through control structures.	1998
607	-	Monitoring and Evaluation of river training works (Basic Study)	1998
608	2293/SM	Foundation Investigation of Jamia Mosque Al-Adal District Court, Lahore.	1997
609	2296/SM	Foundation Investigation at the proposed site of OHR at Moranwala, Distt. Sheikhpura.	1997
610	2299/SM	Foundation investigation at the proposed site of OHR at Establishment of Anti- Terrorist Training Centre, Lahore.	1997
611	2300/SM	Foundation investigation at the proposed site of bridge at RD 115+000 Hakra Branch, Bahawalnagar.	1997
612	IRR-Phy/542	Water Quality tests under JICA Study of Lining of Distributerries & Minors in Punjab.	1996
613	IRR-1052/HYD/RE S.SED	Storage Capacity Sedimentation of Rawal Dam (Hydrological Survey).	1996
614	2283/SM	Foundation Investigation of Paikhel Feeder Channel, Mianwali.	1996
615	2291/SM	Foundation Investigation of bridge at Fordwah Branch, Bahawalnagar.	1996
616	2292/SM	Foundation Investigation of Outfall structure of BS Link, Lahore.	1996
617	IRR 1993-94	Saline Statistics Faisalabad Irrigation Zone.	1995
618	2256/SM	Foundation investigation of Aqueduct over LCC Feeder, Faisalabad.	1995
619	2257/SM	Foundation investigation of Aqueduct over AKN Drain, Faisalabad	1995
620	2260/SM	Foundation investigation of VR Bridge at MR Link, Sialkot.	1995
621	2281/SM	Foundation Investigation of OHR at Wasawala, Sialkot.	1995
622	IRR Sep-1992	Strengthening Modernization and Reorganization of IRI Lahore for better Irrigation system Management and Utilization of Water Potential of the Punjab.	1992
623	526/Phy/Res-10-Sed/92	Sedimentation of Surlah Dam, its storage capacity (Hydrological Survey).	1992
624	-	Report for the year 1985-86 Punjab Irrigation Research Institute Lahore.	1986

625	1898/SM/BC	Foundation Investigation Auqaf Plaza Peshawar, Peshawar Development Authority, Peshawar.	1986
626	506/Phy/TW/38	Performance of the Rehabilitated Tubewells Mangtanwala Unit in SCARP-IV	1986
627	Publication SM-59	Soil Monitoring and Agriculture Studies in SCARP-II 1985-86.	1986
628	498/Phy-25/S-Phy	Asphalt Barrier Technology Water Conservation Studies Jute Crop.	1985
629	497/Phy/LC-53/84	Studies on Taurus W Foil as a Lining Material for watercourses First Report.	1984
630	491-Ph/T.W-131/84	PVC Tubewells - Performance Durability and Efficiency.	1984
631	483/Phy/TW-125	Protecting Metallic Screen Tubewells from incrustation and corrosion phenomenon-1 tubewells study.	1984
632	CMO Publication-190	Interim Report of Goundwater Quality in Minchinabad Pilot Project (SCARP-VIII) 1977-81.	1982
633	Drip Report-7	Drainage and Reclamation Institute of Pakistan.	1978
634	IRR-20/ARC/A17-ERS-19	Technical & Economic appraisal of tubewells in Rahim Yar Khan District.	1978
635	-	Report for the year 1976 Physics Division.	1976
636	IRR/1976	Report for the year 1976.	1976
637	Publication No. 32	Effect of Water Head on the infiltration rate of soils.	1974
638	1439/SM	Bearing Capacity Experiments and Sub-Soil Exploration at the proposed aquaduct site RD 9765.	1974
639	441-Ph/Reservoir-3/72	Sedimentation in Rawal Dam and its Storage Capacity.	1972
640	-	Report for the year 1968.Vol-II (Phy.Div.)	1968
641	Vol-II No. 30/1966	A simple method of groundwater direction measurement in a single bore-hole.	1966
642	851/SM	A new method of Soil Moisture Determination (Calcium Carbide method).	--

## EM&QCS

1	01/QCC/2009	Cube Test Project "Constructioning Escape Channels on M.B.L, M.L.U (UCC) and Channelization of Escape Channel of Lahore Branch, B.S. Link and B.R.B.D. Link (Reconstructioning/Rehabilitation of Escape Channels at RD 204+805/L and RD 279+500/R BRBD)	2009
2	04/QCC/2009	Compression Test for the work of Concrete side protection of Sultan Pakhra Disty RD 0+000 to 87+000	2009
3	05/QCC/2009	Checking of Soil & Brick Crushing strength.	2009
4	06/QCC/2009	Construction of Office Building of Area Water Board of (LBDC) Lower Bari Doab Canal Circle.	2009
5	08/QCC/2009	Construction of Office Building of Area Water Board of (LBDC) Lower Bari Doab Canal Circle, Sahiwal.	2009
6	09/QCC/2009	Cube/Cylinder Tests (New Bridge RD 92+973) Rehabilitation of Main Line Lower (UCC from RD 0+000 to RD 92+973)	2009
7	01/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283-100 Cubes/Cylinder tests (New Bridge RD 92+953).	2008
8	03/QCC/2008	Rehabilitation of Shahpur Branch Canal System RD 0-261500 (Tail)	2008
9	04/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283-000 Cylinder tests (New Bridge RD 92+973).	2008
10	05/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283-000 Cylinder tests (New Bridge RD 71+800).	2008
11	07/QCC/2008	Material Test.	2008
12	08/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283+100 Cube/Cylinder tests (New Bridge RD 33+483)	2008
13	09/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283+100 Cube/Cylinder tests (New Bridge RD 24+547)	2008
14	10/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283+100 Cylinder tests (New Bridge RD 33+483)	2008
15	12/QCC/2008	Restoration of Niazbeg Escape Channel RD 0+000 to RD 17+750 (Tail).	2008
16	13/QCC/2008	Laboratory Test of Materials.	2008
17	16/QCC/2008	Rehabilitation of LJC RD 49+850 to 196+830 (Tail), Testing of Concrete Cubes.	2008

18	19/QCC/2008	Rehabilitation of Lower Depalpur Canal System, Reconstruction of Kalewal Trifurcation at RD 156+660 of Lower Sohag Branch.	2008
19	21/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 383+100 Cube/Cylinder tests (New Bridge RD 33+483)	2008
20	22/QCC/2008	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283+100 Cube/Cylinder tests (New Bridge RD 92+973)	2008
21	01/QCC/2007	Rehabilitation of LJC RD 49+852 to RD 196+830 (Tail) construction of AR Bridge RD 196+830 Tail Head Faqirian, Testing of Concrete Cubes.	2007
22	03/QCC/2007	Rehabilitation of LJC RD 49+852 to RD 196+830 (Tail) construction of AR Bridge RD 144+408 Tail Head Faqirian, Testing of Concrete Cubes.	2007
23	04/QCC/2007	Rehabilitation of LJC RD 49+852 to RD 196+830 (Tail) construction of AR Bridge RD 157+730 Tail Head Faqirian, Testing of Concrete Cubes.	2007
24	05/QCC/2007	Mix-Ratio Analysis of Pre-Cast Parabolic Lining.	2007
25	09/QCC/2007	Rehabilitation of LJC RD 49+852 to RD 196+830 (Tail) Testing of Concrete Cubes.	2007
26	10/QCC/2007	Rehabilitation of Main Line Lower (UCC) from RD 0+000 to RD 283+100 Cubes/Cylinder tests (New Bridge RD 92+953).	2007
27	04/QCC/2006	Material/Concrete Testing of Lining Project of 2L/2L Minor in Renala Sub-Division LBDC, Okara.	2006
28	05/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 00+000 to RD 49+852 construction of VR Bridge RD 46+400, Testing of Cubes.	2006
29	06/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 49+852 to RD 196+830, construction of VR Bridge RD 54+617, Testing of Cubes.	2006
30	07/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 49+852 to RD 196+830, construction of VR Bridge RD 74+835, Testing of Cubes.	2006
31	08/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 49+852 to RD 196+830, construction of VR Bridge RD 93+068, Testing of Cubes.	2006
32	09/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 49+852 to RD 196+830, construction of VR Bridge RD 94+164, Testing of Cubes.	2006
33	10/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 49+852 to RD 196+830, construction of VR Bridge RD 105+641, Testing of Cubes.	2006
34	11/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 49+852 to RD 196+830, construction of VR Bridge RD 144+408, Testing of Cubes.	2006

35	12/QCC/2006	Rehabilitation of Lower Jehlum Canal RD 49+852 to RD 196+830, construction of VR Bridge RD 157+730, Testing of Cubes.	2006
36	13/QCC/2006	Rehabilitation of Lower Jehlum Canal construction of VR Bridge RD 46+400, Testing of Cubes.	2006
37	14/QCC/2006	Rehabilitation of Lower Jehlum Canal construction of VR Bridge RD 54+617, Testing of Cubes/Cylinders.	2006
38	15/QCC/2006	Rehabilitation of Lower Jehlum Canal construction of VR Bridge RD 74+538, Testing of Cubes/Cylinders.	2006
39	16/QCC/2006	Compressive Strength Test of concrete cubes for the Lining of 1R/2L Minor of Renala Sub-Division LBDC Renala.	2006
40	18/QCC/2006	Rehabilitation of Lower Jehlum Canal construction of VR Bridge RD 96+164, Testing of Cubes/Cylinders.	2006
41	20/QCC/2006	Rehabilitation of Lower Jehlum Canal construction of VR Bridge RD 105+641, Testing of Cubes/Cylinders.	2006
42	21/QCC/2006	Rehabilitation of Lower Jehlum Canal construction of VR Bridge RD 144+408, Testing of Cubes/Cylinders.	2006
43	22/QCC/2006	Rehabilitation of Lower Jehlum Canal construction of VR Bridge RD 157+730, Testing of Cubes/Cylinders.	2006
44	23/QCC/2006	Compressive Strength Test of concrete cubes for the Lining of 3R/2L Minor RD 0-19972 (Tail).	2006
45	24/QCC/2006	Compressive Strength Test of concrete cubes for the Lining of 1R/2L Minor RD 0-6100 Package No. JPM CLA-28.	2006
46	30/QCC/2006	Concrete Compressive Strength Test for the work of Lining of 2L/1L Minor RD 10-10565.	2006
47	31/QCC/2006	Concrete Compressive Strength Test for the work of Lining of 2L/1L Minor RD 8-10.	2006
48	32/QCC/2006	Concrete Compressive Strength Test for the work of Lining of 2L/1L Minor RD 5-6.	2006
49	33/QCC/2006	Concrete Compressive Strength Test for the work of Lining of 2L/1L Minor RD 10-12565.	2006
50	34/QCC/2006	Testing of Bricks for rehabilitation of Nurpur Distributary System (Package-B).	2006
51	35/QCC/2006	Testing of Cement Samples for the rehabilitation of Nurpur Distributary System (Package-B).	2006
52	36/QCC/2006	Concrete Compaction Strength Test for the work of Lining of 2R/2L Minor RD 0-7000.	2006
53	37/QCC/2006	Concrete Compaction Strength Test for the work of Lining of 3R/2L Minor RD 3000-9000.	2006

## Water Conservation and Soil Physics

1	IRI/PHY/FRS-101	Experimental Research for Evaluation of Efficiency of Concrete Canvas as Canal Lining Material	2024
2	IRI/PHY/FRS-102	Meteorological Data, Field Research Station, Babakwal	2024
3	IRI/PHY/FRS-103	Experimental Research for Evaluation of Efficiency of Polymer as Canal Lining Material	2024
4	IRI/PHY/FRS-104	Potential of Rainwater Harvesting and its Use for Groundwater Recharge	2024
5	-	The Punjab Groundwater (Protection, Regulation & Development Act, 2018)	2018
6	-	Draft Punjab Water Policy	2018
7	IRR/PHY/SD-201	Sediment Study of Hill Torrents in DG Khan.	2017
8	IRR/PHY-621	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Drainage Division Mandi Bahaudin	2016
9	IRR/PHY-624	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab- Qadirabad Barrage Division	2016
10	IRR/PHY-623	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab- Sargodha Canal Division	2016
11	IRR/PHY-622	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Main Report	2016
12	IRR/PHY-625	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab- Marala Barrage Division	2016
13	IRR/PHY-626	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Sheikhupura Canal Division	2016
14	IRR/PHY-628	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Flood Bund Division Narowal	2016
15	IRR/PHY-630	Geotechnical Investigations for the construction of Hydraulic structures in Pasrur Link Division.	2016
16	IRR/PHY-631	Geotechnical Investigations for the construction of Hydraulic structures in Mianwali Canal Division.	2016
17	IRR/PHY-641	Geotechnical Investigations for the construction of Hydraulic structures in Irrigation Research Division.	2016
18	IRR/PHY-644	Geotechnical Investigations for the construction of Hydraulic structures in Rachna Drainage Division.	2016
19	IRR/Phy-601	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Shujabad Canal Division.	2015

20	IRR/Phy-602	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Drainage Division Mandi Bahauddin.	2015
21	IRR/Phy-603	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Trimmu Barrage Division	2015
22	IRR/Phy-604	Geotechnical Investigations for OHR-IRI Sub Division	2015
23	IRR/Phy-605	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Jhang Canal Division.	2015
24	IRR/Phy-606	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Punjab Division	2015
25	IRR/Phy-607	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Qadirabad Barrage Division	2015
26	IRR/Phy-608	Geotechnical Investigations for construction of bridges in Khanwah Division	2015
27	IRR/Phy-609	Geotechnical Investigations for construction of bridges-ChangaManga Sub Division	2015
28	IRR/Phy-610	Geotechnical Investigations for Monitoring the Health of Flood Bunds in Punjab-Muzaffargarh Canal Division	2015
29	IRR/Phy-612	Geotechnical Investigations along AIK Nullah-Pasrur Link Division	2015
30	IRR/Phy-615	Geotechnical Investigations for construction of structures in Rachna Drainage Division.	2015
31	IRR/Phy-616	Geotechnical Investigations for construction of Bridges-Chunian Sub Division	2015
32	IRR/Phy-617	Geotechnical Investigations for construction of structures-Pandoki Sub Division	2015
33	IRR/PHY-596, April, 2014	Ashtoo Compaction Test of soil samples of UJC, Jhelum Canal Division, Jhelum	2014
34	IRR/PHY-595, May, 2014	Ashtoo Compaction Test of soil samples of Behrampur Disty	2014
35	IRR/PHY-597, May, 2014	Modified Ashtoo Compaction Test of soil samples of Manuwala Disty	2014
36	IRR/PHY-598, May, 2014	Modified Ashtoo Compaction Test of soil samples received from Rachna Drainage Division	2014
37	IRR-Phy/599 August, 2014	Geotechnical Investigations for remodeling of 3 No. aqueduct in B. S Link Canal	2014
38	IRR-PHY/598, October 2014	Checking seepage and piping action on left marginal bund RD 1+500 to 18+500 of Taunsa barrage.	2014



39	IRR-PHY/600, November 2014	Geo-Technical Survey of Left Side of M.R Link Canal from RD. 249+000 to 317+000	2014
40	IRR-PHY/600, December 2014	Geotechnical Investigations for the construction of hydraulic structures at Pandoki drain	2014
41	IRR-PHY/578, February, 2013	Geotechnical Investigation For The Construction Of Laboratories And Workshop At Field Research Station, Babakwal	2013
42	IRR-PHY/580, March 2013	Geotechnical Investigation For The Construction Of Overhead Reservoirs In Rural Water Supply Scheme, Public Health Engineering Division, Harappa City District Sahiwal.	2013
43	IRR-PHY/581, March, 2013	Geotechnical Investigation for the construction of outfall cum-VR bridges at Bhagat Drains, Drainage Division, Mandi Bahauddin under the project “Rehabilitation of Sargodha Drainage System (Package-C)	2013
44	IRR-PHY/582, April, 2013	1 No. AASHO Test for Lining of Maujoki Minor	2013
45	IRR-PHY/583, June, 2013	Geotechnical Investigation for the construction of fall at RD.8+550 Shorkot Disty.	2013
46	IRR-PHY/584, June, 2013	Geotechnical Investigation for the construction of bridge at RD.155+500 Rangpur Canal	2013
47	IRR-PHY/585, May, 2013	1 No. AASHO Test for Car Parking in the compound of Irrigation Secretariat.	2013
48	IRR-PHY/586, May, 2013	1 No. AASHO Test and 5 No. In-situ Dry Density Tests for Car Parking in the compound of Irrigation Secretariat.	2013
49	IRR-PHY/587, July, 2013	Soil Investigation of Sites of the Scheme of “Rehabilitation of Naushera Distributary System”	2013
50	IRR-PHY/591, December, 2013	Geotechnical Investigation for the Widening and Upgradation of 13 km Road (Chenawan to Khanki Road)-Construction of N.K. B.P	2013
51	IRR-PHY/592, December, 2013	Geotechnical Investigation for the construction of office, residential & allied structures at new Khanki Barrage Project	2013
52	IRR-PHY/593, December, 2013	Geotechnical Investigation for the Upgradation of 7.2 km Road (LMB, Left Bank) – Construction of New Khanki Barrage	2013
53	IRR-PHY/594, December, 2013	Geotechnical Investigation for the Upgradation of 10.4 km Road (RMB, Right Bank)- Construction of New Khanki Barrage	2013
54	IRR-PHY/568, January 2012	Foundation Investigation/ Soil Analysis for Design of Building (03 No. Bore Hole of 15 ft depth)	2012

55	Research Report No. 2664/SM Jan.2012	2 No. AASHO Tests for Shahdra Canal Sub Division, Gujranwala Division UCC.	2012
56	Research Report No. 2665/SM Mar..2012	2 No. AASHO Test for Lining of Mancharian Minor from RD. 0- 21030 (Tail)	2012
57	IRR-PHY/569, April 2012	Soil Bearing Tests for Rural Water Supply Scheme in PH Engg: SDiv. Arifwala (30 ft)	2012
58	IRR-PHY/570, June, 2012	Standard Penetration Test for Pile Foundation at RD.4+500 Mehdi Hassan Disty.	2012
59	IRR-PHY/571, June, 2012	Determination of Soil Bearing Capacity for the construction of DR bridge at RD. 97+703 under, "Rehabilitation of Jhang Branch Upper RD.38+000-100+000 Package-1	2012
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62	IRR-PHY/574, December, 2012	Geotechnical Investigation for the construction of Head regulator of Khuda Yar disty. at RD. 91+800/L of Pakpattan Canal Upper	2012
63	IRR-PHY/575, December, 2012	Geotechnical Investigation for the construction of Bridges at RD. 0+000 and 40+400 of Charrar Drain, Lahore Drainage Division, Lahore	2012
64	IRR-PHY/559, January 2011	Foundation investigation for Pile foundation of 3 Bridges under the scheme "Rehabilitation of Drainage System in Sargodha Irrigation Zone"	2011
65	IRR-PHY/560, February 2011	Foundation investigation for Pile foundation of 5 Bridges under the scheme "Remodeling of Mona Drainage System, Sargodha"	2011
66	IRR-PHY/561, March 2011	Foundation investigation for the construction of Multi-storey Office Complex of Punjab Power Development Company Limited, LHR (03 No.)	2011
67	IRR-PHY/562, April 2011	Foundation Investigation for the construction of OHR of RWSS at Chak No.40/12-L, Chichawatni, Distt. Sahiwal (01 No.)	2011
68	IRR-PHY/563, May 2011	Foundation Investigation for construction of OHR of RWSS at Chak No.147/P, Sadiqabad	2011
69	IRR-PHY/564, August 2011	Foundation Investigation for the construction of OHR of R WSS Ch. No. 50/12-L, Chichawatni	2011

70	IRR-PHY/565, October 2011	Foundation Investigation for the construction of New Gated X-Regulator at RD 56+245 Mailsi Canal (02 No. Bore Holes of 70 ft depth)	2011
71	IRR-PHY/566, October 2011	Geo Technical Investigation of Vidor Hill Torrent, Project Circle D.G Khan (18 No. Bore Holes of 35 ft depth)	2011
72	IRR-PHY/567, December 2011	Foundation Investigation for the construction of Protection Wall & Spurs at Wanda Kukran Wala, Daud Khel District Mianwali (03 No. Bore Holes of 15 ft depth)	2011
73	IRR-Phy/555	Rehabilitation of Bhowana Branch canal RD 0+000 to RD 87+765	2010
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86	IRR-Phy/535	Mix-Ratio Analysis of Concrete/Mortar and Study of Admixtures in Mortar/Concrete Pre-Cast Parabolic Lining.	1999
87	IRR-Phy/547	Field Investigation for Engineering Characteristics of Soil (Research Study by Soil Mechanics Section, Physics Wing)	1999
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89	IRR-Phy/539	Model Study to Evolve Efficient Enveloping Materials for Sub-Surface Drains (Research Study by Drainage Section, Physics Wing) (Vol-II)	1999
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93	IRR-Phy/534	Testing Rubber Sheet for Lining of Irrigation Channels (Vol-1)	1999
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96	IRR-Phy/533	Estimation of water losses from lined and unlined water courses Vol-1 (Conducting Research Study in Water Conservation Section)	1999
97	IRR-Phy/530	Evaluation of different type of tubewell screens in different areas of Punjab.	1999
98	IRR-Phy/538	Model Study on Development of Groundwater Resources of Punjab by Artificial Recharge Method Vol-I	1999
99	Tech-Report-34	Database for Groundwater Management in MR Link, BRBD and UCC Command of Rachna Doab (SCARP-IV)	1999
100	Tech-Report-35	Database for Groundwater Management in Rangpur and Muzaffargarh Branch Canal command area of the Doab (SCARP-III Rangpur Unit)	1999

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113	IRR-531/Phy/S.Phy-34/95	Studies on Evapotranspiration from trees	1995
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126	516/Phy/FC-18	Flood Frequency Analysis Gumbel Distribution River Jehlum	1988
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162	477-Phy/T.W-121/81	Performance of Tubewells Rasul Tubewell Scheme Rakh Branch.	1981
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227	369-Ph/Seep-68/69	Evaluation of seepage losses from Bucharana Distributary at RD 21-22	1969
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250	332-Ph/T.W-82/67	Performance Study of Burala Branch Tubewells Rasul Scheme.	1967
251	325-Ph/Sed/HW/89-9/66	Sediment Concentration at the Boil of Canal Head Regulators.	1966
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253	309-Ph/L.C-42/66	Field Investigation on Soil Sealant produced by M/S ESSO Research for lining of irrigation canals.	1966
254	310-Ph/L.C-43/66	Development of soil sealant for low cost canal lining	1966
255	314-Ph/T.W-76/66	Performance of Tubewells in Gaja Area.	1966
256	317-Ph/T.W-77/66	Performance data of private coir string strainer tubewells.	1966
257	322-Ph/T.W-79/66	Performance Tests on P.V.C. Pipe Strainer.	1966
258	317-Ph/T.W-80/66	Performance of Tubewells along Border Area in Batapur Sub-Division.	1966
259	331-Ph/T.W-81/66	Performance of Different Types of Strainers at Niazbeg.	1966
260	319-Ph/T.W-76/66	Remarks by Dr. Nazir Ahmad on Technical & Economical Appraisal of Salinity Control Reclamation Project No. 1 prepared by Harza Engineering of WAPDA.	1966
261	322/Phy/TW	Performance Test on PVC pipe Strainer.	1966
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263	284/Ph/SED/H.W/56-4/64	Sediment Concentration at the Boil of Canal Head Regulators.	1965
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265	292-Ph/T.W-72/65	A Triple Tubewell for Farmers.	1965
266	298-Ph/T.W-73/65	Durability Tests on Tubewell Strainers installed at Niazbeg.	1965
267	305-Ph/T.W-74/65	Specification for a tubewell of two cusecs discharge.	1965
268	297/Ph/Seep-59/65	Remarks on Annex D. Drainage benefits for the two alignments of Chashma Jhelum Link as put forth by WAPDA's consultants.	1965
269	240/Ph/Sed/HW/55-3/64	Sediment Concentration at the Boil of Canal Head Regulators.	1964
270	282-Ph/Seep-55/64	Brief Excerpts of Symposium on Sodic Soils Budapest, 8-16 march 1964	1964
271	273-Ph/L.C-39/64	Testing of S.S.13 as a sealant for pervious bed of earthen canals	1964
272	266-Ph/T.W-67/64	Performance Test on Tubewells with Coir String Strainer installed along Border Area.	1964
273	270-Ph/T.W-69/64	Drainage by Cheap Type of Tubewells with special reference to their use in Gaja Area.	1964
274	273-Ph/T.W-70/64	Performance of Different Types of Strainers installed in between Upper Chenab Canal and Sheikhpura known as Shadman and Chichokimallian Reclamation Schemes.	1964
275	278-Ph/T.W-71/64	An Improved Cathodic Protection Technique to avoid corrosion and incrustation for well screen.	1964
276	264-Ph/Seep-54/63	An Examination of West Pakistan WAPDA Salinity Control and Reclamation Project No. 3 Lower Thal Doab	1963
277	257-Ph/L.C-36/63	Testing of Jutiod for lining of canal	1963
278	259-Ph/L.C-37/63	Field test results on Visqueen plastic film conducted at Niazbeg Field Research Station	1963
279	263-Ph/L.C-38/63	Brief tests on the emulsion evolved by P.C.S.I.R laboratories Lahore for the lining of earthen canals	1963
280	258-Ph/T.W-65/63	A statement of coir string strainer tubewells installed by farmers in the Punjab and Bahawalpur Areas.	1963

281	256-Ph/T.W-64/63	Preliminary Experiments on the use of Cathodic Protection for Tubewell Strainers.	1963
282	255-Ph/T.W-66/63	Investigation on coir string strainer tubewells probable causes for the failure of three wells of Gaja area	1963
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284	238/Ph/SED/DOP/49/62	Type and Grades of Sediment in the Ravi at Balloki in the LBDC and BS Link Canal.	1962
285	242-Ph/L.C-34/62	Interim report on testing of S>S.13 for seepage control in earthen canals	1962
286	254-Ph/L.C-35/62	A brief note on the tests conducted by California Chemical Co. on Chevron Soil sealant for seepage control in earthen canals	1962
287	239-Ph/T.W-57/62	Performance of Brass Strainer Tubewells fitted with Turbine Pumps, installed along Right Bank of Indus River in Dera Ismail Khan (D.I.Khan).	1962
288	240-Ph/T.W-58/62	Performance Tests on Tubewells with Coir String Strainers installed along Border Area near Wahga.	1962
289	244-Ph/T.W-60/62	A Study on the Performance, Durability and Interference of Multiple Strainers of various designs.	1962
290	253-Ph/T.W-63/62	Five Decades in Tubewell Experimentation.	1962
291	230-Ph/Seep-46/61	A Study of the Stability of Haveli Canal Lining in the presence of T.S. Link	1961
292	207-Ph/L.C-30/61	Testing of cold bitumen water emulsion HRM for use in canal lining	1961
293	216-Ph/L.C-31/61	Canal lining investigations-field experiments confirm lab. Conclusions.	1961
294	229-Ph/L.C-33/61	Cationic asphalt emulsion as a sealant for pervious beds of earthen canals	1961
295	209-Ph/T.W-46/61	Performance of Tubewells of Gaja Area in Kotri Barrage and the effect of their Pumping on Drainage of the Land.	1961
296	212-Ph/T.W-47/61	Performance of wide slot strainer tubewells installed along Chichokimallian Drain.	1961
297	214-Ph/T.W-48/61	Performance of Karol Project Tubewells.	1961
298	218-Ph/T.W-49/61	Performance of Tubewells in Chaj Doab.	1961
299	222-Ph/T.W-50/61	Performance of Brass Strainer Tubewells of Chichokimallian Reclamation Scheme.	1961



300	223-Ph/T.W-51/61	Performance of Tubewells with Gravel Packed Strainers installed along Sheikhpura and Ghara Drains.	1961
301	224-Ph/T.W-52/61	Performance of Brass Strainer Tubewells installed along Upper Chenab Canal.	1961
302	225-Ph/T.W-53/61	Performance of F.A.O. Tubewells of Chuharkana Reclamation Scheme.	1961
303	226-Ph/T.W-54/61	Performance Study of the Rasul Project Tubewells installed along Upper Gugera, Lower Gugera and Burala Branches.	1961
304	233-Ph/T.W-55/61	Performance of Coir String Strainer Tubewells installed in the Saline Water of Kotri Barrage Area.	1961
305	194-Ph/Seep-40/60	A Study on the extent and limits of lowering of watertable during the dewatering operation of Hydel Projects	1960
306	293-Ph/L.C-29/60	Protection of lining of B.S.Link Canal from failure	1960
307	187-Ph/T.W-39/60	Replacement of Damaged Tubewells of Rasul Project.	1960
308	188-Ph/T.W-40/60	Comparative Performance of Shallow Munj Coir and Brass Strainers.	1960
309	191-Ph/T.W-41/60	Replacement of Damaged Tubewell of Rasul Project in Chaj Doab.	1960
310	195-Ph/T.W-42/60	Testing of Tubewell No. 4 Located in Gaja Area of Kotri Barrage.	1960
311	197-Ph/T.W-43/60	Performance of Shallow and Deep Multiple Tubewell Strainers of Well No. 5C & 6A Installed along Lahore Branch.	1960
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315	182-Ph/T.W-37/59	Preliminary Report on the Failure of Six tubewells in Jaranwala Area.	1959
316	184-Ph/T.W-38/59	Preliminary Report on the causes of damage to 277 Tubewells of Rasul Tubewell Scheme.	1959
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320	136-Ph/L.C-19/57	Testing of pannel craft for canal lining	1957
321	138-Ph/L.C-20/57	Field and laboratory experiments on seepage measurement from conventional type of double tile and single type lining in use in this country	1957
322	140-Ph/L.C-21/57	Testing of Fam a fibre glass material for canal lining	1957
323	147-Ph/L.C-22/57	Testing results of Visqueen films for use in canal lining, 2nd report	1957
324	148-Ph/L.C-24/57	Lining of Abbasia Canal	1957
325	128-Ph/Seep-23/56	Dewatering Arrangement for Punjab Headworks	1956
326	129-Ph/L.C-18/56	Interim report on the testing of Visqueen plastic films, as a lining material	1956
327	123-Ph/T.W-32/56	Testing of punched iron strainer in the laboratory (AA-55)	1956
328	124-Ph/T.W-33/56	Comparative working of brass and gravel strainers.	1956
329	126-Ph/T.W-34/56	A Comparative Study of Seives cut out of brass stainer as used by tubewell circle with U.S. Standard Sieves.	1956
330	167-Ph/T.W-35/56	Improvement in dewatering arrangements at Gudu Barrage.	1956
331	169-Ph/T.W-36/56	Laboratory investigation on the performance of Baked Clay and Munj String Strainer.	1956
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333	124-Ph/T.W-33/56	Comparative working of brass and gravel packed strainers.	1956
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335	105-Ph/L.C-17/55	Failure of the lining of Bombawala Ravi Bedian Link Canal	1955
336	99-Ph/T.W-29-A/55	Laboratory Studies of Gravel Packed Strainer.	1955
337	103-Ph/T.W-30/55	Groundwater Studies at Chuharkana Reclamation Area conducted during 1954-55.	1955
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339	89-Ph/L.C-16/54	Investigation on sodium silicate and calcium chloride as water profing agents for lean cenent sand	1954

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342	92-A-Ph/T.W-26/54	Preliminary Report on the choking of tubewell strainer No. 80 on Upper Chenab Canal at RD 259+500.	1954
343	93-A-Ph/T.W-27/54	Permeability Survey of Khadir Branch Canal of Lower Jehlum Canal.	1954
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356	69-Ph/L.C-12/52	Stability of a slope of a lined channel	1952
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362	61-Ph/L.C-10/51	Canal lining, a statement of main inferences derived from various published works of the Punjab and America	1951
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375	37-Ph/L.C-6/49	Soil Cement lining of Warsak Canal	1949
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378	29-Ph/T.W-10/49	Efficiency of single and multiple tubewells with change in the length of strainer.	1949
379	8-Ph/T.W-3/48	Effect of Additional Rows of Wells on the seepage of canals already provided with tubewells at the end of their spoil banks	1948
380	9-Ph/T.W-4/48	Seepage of Canal in Punjab typical soil when a tubewell is kept working close to it.	1948
381	10-Ph/T.W-5/48	Laboratory experiments on the effects of tubewell on the seepage of canal when kept working at various distance from it.	1948
382	12-Ph/T.W-7/48	Effect of length of strainer on the discharge of single multiple well the source being a cylindrical boundary.	1948
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### **SURFACE AND SUB SURFACE DRAINAGE**

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3	IRR-511/Phy/Res, Sed-7	Storage Capacity Uchhali Lake Soan Sakesur Valley (Hydrological Survey).	1987
4	IRR-508/Phy/RES-6/SED	Storage Capacity Sedimentation of Khokhar Zar Dam (Hydrological Survey).	1987

5	479/Phy/FC-14	Flood Frequency Analysis Gumble Method Chenab River.	1985
6	499/Phy/RPhSed	Storage Capacity Sedimentaion of Rawal Dam (Hydrological survey).	1985
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8	IRR-1798-SM/GWD/84	Ground Watertable Depletion by Installation of Tubewell at Gojra Town.	1984
9	495/PhY/Seep-71	Seepage Losses Measurements on Lined and Unlined Sections by Tracer Technique BRBD Lower Canal RD 370 & 374+500	1984
10	487-Ph/T.W-127/83	Performance Study of Tubewells Scheme (Northern Branch Sulki & Ghazni Branches).	1983
11	482-Phy/TW-124	Physio Chemical Characteristics of Coir Fibre String Tubewell Study.	1983
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16	481-Ph/TW-123/82	Performance Study of Rasul Tubewells Scheme Burala Branch.	1982
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23	Drip Report-7	Revised design of Tile Drainage System in Khairpur East Pilot Project.	1978
24	-	Development of Instrumentation at Irrigation Research Institute. PC-1 Form	1978
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26	IRR-455/Phy/WCL	Seepage Losses from unlined and lined watercourses.	1978
27	1560/Phy/SE	Study on Slot Size of Strainer.	1978

28	Publication No. 76	Operation conveyance losses on tubewell 81-R watercourse.	1977
29	IRR-19/ARC-A-17-ERS-19	Technical and Economic appraisal of tubewells installed in Muzaffargarh District.	1977
30	IRR-3/GW-Exp/IRC-74	Hydraulic Performance of "F" Area tubewells SCARP Khairpur.	1977
31	AR5/GW Exp/IRC-74-75	Annual Report for 1974-75 Basic Studies on groundwater Exploitation (A Tubewell).	1977
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38	449-Ph/S-Phy-18/74	Water Concentration Studies using Asphalt Barrier Technology on Wheat Chenab-70	1974
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57	437-Ph/Seep-69/72	Performance of various shrouding materials for Tile Drainage	1972
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100	336/Ph/Sed/HW71-10/67	Sediment Concentration at the Boil of different Canal Head Regulators.	1967
101	343/Ph/Sed/Crop/71-4/67	A Study on the changes in the regime of the River and Channels after the impounding of River Jhelum at Mangla.	1967
102	344/Ph/S.Phy-11/67	Free water surface evaporation, humidity and temperature contours for Pakistan	1967
103	353-Ph/T.W-93/67	Performance of tubewells along Rakh Branch, Mianwali Branch of Rasul Scheme.	1967

104	333/Ph/TW-82/67	Khairpur Salinity Control Project an estimation of saline ground water being pumped out from the tubewell of this project (Second Report).	1967
105	358-Ph/T.W-96/67	Study of Intrusion of Saline Water into Sweet Water Zone in Tubewells of R.C.G.A. Farms Rahimyarkhan.	1967
106	-	Tubewell Pumping Machinery and their trouble shooting.	1967
107	-	A Review of Drainage Measures being adopted for West Pakistan, Part-1	1967
108	-	Annual Report Vol-II	1966
109	-	Annual Report for the year 1966 Vol-II (Phy Division)	1966
110	312-Phy/D-1/Rock Test-9/66	A Study of the Compressive Strength of Rock at the Uchali Dam Site.	1966
111	312/Ph/DI/Rock Test-9/65	A Study of the Compressive Strength of Rock at the Chechali Dam Site.	1966
112	313/Ph/Sed/Hyd/64-1/66	Sediment and Discharge Data of Hydrology Division Peshawar.	1966
113	318//Ph/Sed/Hyd/65-2-66	Sediment and Discharge Data of Hydrology Division Quetta 1964.	1966
114	316/Ph/S.Phy-10/66	Water Conservation Studies on Wheat Crop.(AR IRI - 1966 Vol.II)	1966
115	309-Ph/LC-42/66	Field Investigation on Soil Sealant produced by M/S ESSO Research.	1966
116	328/Ph/LC-43/66	Interim Report on Soil Sealants prepared by the Irrigation Research Institute for Lining of Earthen Canal.	1966
117	326-Ph/Seep-62/66	Studies on Second Defence Embankment of Taunsa Barrage	1966
118	326-Ph/Seep-62-A/66	Determination of Conductivity at Different Depths In Situ.	1966
119	330-Ph/Seep-63/66	Khairpur Salinity Control Project, A discussion of the saline groundwater being pumped out	1966
120	326/Ph/Seep-62/66	Studies on Second Defence Embankment of Taunsa Barrage.	1966
121	IRR Lahore June-1966	Tubewell Practice for West Pakistan.	1966
122	-	A simple method of groundwater direction measurement in a single bore-hole. Vol-II No.30/66	1966
123	-	Soil Constituents and Citrus Growth. Engineering News Vol-XI Nos. 3 and 4 December 1966	1966
124	311/Ph/Hyd-6/66	Flood estimation for hudiara Drain Second Report.	1966
125	28/Math-FC-12	Floods their magnitude and frequency.	1966
126	286/Ph/S Phy-6/65	An estimate of evaporation from free water surface in Pakistan	1965
127	291/Ph/S Phy-7/65	Evapotranspiration as function of depth to watertable(AR IRI - 1965 Vol.II)	1965

128	304/Ph/S Phy-8/65	Trees grown on berms of a canal a source of water loss (AR IRI -1965 Vol.II)	1965
129	307-A/Ph/Sed/Seep-61-A/65	A Model Study on the Velocity Determination of Sub-Soil Flow	1965
130	210-Ph/Seep-43/65	Waterlogging in West Pakistan -- A Gist of Analysis of Various Workers	1965
131	294-Ph/Seep-56/65	Discussion by Dr. Nazir Ahmad on "Waterlogging and Salinity in the Indus Plain". A Critical Analysis of some of the major conclusions of Revelle Report by Ghulam Muhammad	1965
132	295-Ph/Seep-57/65	Comments on Salinity Control and Reclamation Programme for Upper Rechna Doab (Project No. 4)	1965
133	296-Ph/Seep-58/65	Remarks on Drainage Aspects of Chashma Jehlum Link Alignments	1965
134	297-Ph/Seep-59/65	Remarks on Annex-D Drainage Benefits for the alignments of Chashma Jehlum Link as Put Forth by WAPDA's Consultants	1965
135	299-Ph/Seep-60/65	Remarks on Annex-B and Part-I The Harnoli Depression and Annex-C Excavation Methods, Costs and Schedules	1965
136	307-A-Ph/Seep-61/65	Groundwater flow velocity patterns in the vicinity of a screened well and a blind pipe installed in a water bearing medium and their experimental verification by Electrical Analogy	1965
137	-		
138	302-Ph/L.C-41/65	A study of losses through water courses and means for conservation	1965
139	306-Ph/T.W-75/65	Performance of Tubewells along Border Area in Batapur Sub-Division.	1965
140	292/Ph/TW-72/65	A Tripple Strainer tubewell for farmers.	1965
141	298/Ph-TW-73/65	Durability Tests on Tubewell Strainers installed at Niazbeg (period June-1964).	1965
142	59/Math/FC-3/64	Flood Routing through proposed Mangla Reservoir.	1965
143	307-Ph/Seep-61/65	Groundwater flow velocity pattern in the vicinity of a screened well coupled with blind pipe installed in a water bearing medium and its experimental verifications by Electrical Analogy	1965
144	61/Math/FC-1/65	Probability Studies of Daily Discharges ten days mean discharges of River Jhelum at Rasul below.	1965
145	-	Annual Report for the year Vol-II (Phy. Div.)1964	1964
146	240/Ph/Sed/53/64	Evaluation of Suspended Sediment Samples.	1964
147	221/272/Phy/Sed/47/51-54-61-64	An Estimate of Sediment Carried by Kurrum River at Kurrum Garhi period.	1964

148	274/Ph/Soil Phy-3/64	A Study of Evapotranspiration of Crops under varying conditions of water table and soils (AR IRI 1964).	1964
149	279/Ph/S Phy-4/64	A brief discussion on the observations of Dr. Kovda after his ten days visit to Irrigated areas of Pakistan.	1964
150	280/Ph/S Phy-5/64	Explanatory note on evaporation control with monomolecular film	1964
151	283/Ph/LC-40/64	Testing of low cost sealants evolved by M/S ESSO Research Limited for Lining of Irrigation Canals.	1964
152	269-Ph/T.W-68/64	A few comments by Dr. Nazir Ahmad on the economic analysis of well design as put forth by Hunting Technical Services Ltd.	1964
153	266/Ph/TW-66/63/-64	Performance Test on Tubewells with Coir String Strainer installed along Border Area. (test conducting during Dec-63)	1964
154	273/Ph/TW-70/64	A Study of the performance of different types of strainers installed in an area between Upper Chenab Canal and Sheikhpura Commonly known as Shadman and Chichokimallian Reclamation Scheme.	1964
155	-	Performance Test on tubewells with Coir String Strainer installed along border area Vol-II (1964).	1964
156	-	Symposium on Sodic Soils Aug-1964 A Review of Salinity and Alkalinity status of Irrigation Soils of West Pakistan.	1964
157	57/Math/FC-2	Report on back water courses for the proposed Chashma and Sidhnai Barrage.	1964
158	57/Math/FC-2	Flood routing through proposed Mangla Reservoir.	1964
159	-	Report for the year 1963 Vol-I	1963
160	-	Water Potential of West Pakistan, its present development.	1963
161	5-MR/Ph	Monthly progress report of Physics and Soil Mechanics Section.	1963
162	240/Ph/Hyd-5/63	Inspection report on Benton Tunnel Malakand Upper Swat Canal.	1963
163	221/272/Phy/Sed/47/51-54-61-64	An Estimate of Sediment Carried by Kurrum River at Kurrum Garhi.	1963
164	6-TR	A Sediment Sampling programme for River Jhelum in Western Pakistan.	1963
165	28/Ph/Wapda/Sed	Sediment Concentration at the Boil of Canal Regulators	1963
166	263/Ph/LC-38/63	Brief test on the Emulsion Evolved by PCSIR Laboratories, Lahore for the lining of Earthen Canal.	1963
167	255-Ph/Seep-53/63	A discussion on the Hydrological estimate of water resources of West Pakistan as put forth in Chapter-VI of the report of Panel of President Kenedy's Scientist (Revelle Report)	1963

168	-	Annual Report Vol-II	1962
169	23/Ph/Wapda/Sed	Progress Report on Sediment Studies.	1962
170	26/Ph/Wapda/Sed	Sediment Concentration at the Boil of Lower Jhelum Canal Rasul H/W.	1962
171	27/Ph/Wapda/Sed	Sediment Concentration at the Boil of Canal Regulators.	1962
172	241/Ph/Soil Phy-2/62	Trees as a measure to control water-logging and salinity	1962
173	254/Ph/LC-35/62	Brief Report on the tests conducted by California Chemical Company on Chevron Soil Sealant process for seepage control in Earthen Canals.	1962
174	245-Ph/Seep-47/62	Comments on the Drainage Proposals of WAPDA for the Irrigated Areas of Khairpur	1962
175	246-Ph/Seep-48/62	Comments on the Drainage Proposals of WAPDA for Gaja Area	1962
176	247-Ph/Seep-49/62	A few remarks on the Drainage and Reclamation proposals of Larkana and Shikarpur Area	1962
177	251-Ph/Seep-51/62	Brief Report on the USSR, UNESCO Symposium	1962
178	252-Ph/Seep-52/62	A Study of the rise of groundwater and salinity in the irrigated areas of Indus Plains	1962
179	249-Ph/T.W-62/62	Suggestions for conversion of non-perennial and sailaba areas to perennial with the help of tubewell irrigation.	1962
180	-	Annual Report for the year Vol-II (Phy.Div.) 1961.	1961
181	-	Annual Report for the year 1961.Vol-II	1961
182	235/Ph/Soil Phy-1/61	Study on Soil evaporation with water at different depths in different kinds of soils(AR IRI - 1961, Vol.II)	1961
183	277-Ph/Seep-44/61	A few remarks on the effects of development of deep aquifer on groundwater quality	1961
184	228-Ph/Seep-45/61	A few observations on the proposed links as Drainage Channels	1961
185	208-Ph/T.W-45/61	Performance of tubewell 6-A and its multiple bores located in Kohali Distributary near Wahga Village.	1961
186	-	Annual Report Vol-II	1960
187	-	Annual Report for the year 1949 Vol-I (Reprinted).	1960
188	Publication No. 60	Use of Gypsum Stones to lower the sodium absorption ratio of irrigation water.	1960
189	185-Ph/Seep-39/60	A brief note on the Feasibility of Tubewell Scheme for Drainage of Gaja Area of Kotri Barrage	1960
190	-	Annual Report Vol-II	1959
191	-	A new conception on the water logging and salinity problems of Rachna Doab.	1959
192	171-Ph/Seep-34/59	Location of pervious site along Lower Chenab Canal	1959
193	173-Ph/Seep-35/59	Reclamation of half million acres waterlogged area of Rechna Doab	1959
194	178-Ph/Seep-36/59	Seepage through Chiniot Storage	1959



195	183-Ph/Seep-37/59	Stability of Masonary Flared Outwalls	1959
196	186-Ph/T.W-38-A/60	Failure of Six Tubewells in Jaranwala Area.	1959
197	-	Waterlogging and Thur Problems of West Pakistan.	1958
198	152-Ph/Seep-32/58	Summary of results of survey conducted to locate pervious sites along a few canals of Rechna Doab	1958
199	159-Ph/Seep-33/58	Survey of Soil formation along alignment of Mangla-Marala Link Canal from RD 0 to 277	1958
200	Paper No. 325 Vol-XLI, 1957	Sedimentation of Reservoirs on Indus River System.	1957
201	131-Ph/Seep-24/57	Dewatering Arrangement for Out-Fall at RD 225+ 508, Chichoki Hydel Scheme	1957
202	133-Ph/Seep-25/57	Suggestions for a system of dewatering arrangement for Takwara Aquaduct, Paharpur Canal at RD 172+000	1957
203	137-Ph/Seep-26/57	A brief note on the use of existing dewatering tubewells of Chichoki Hydel for water supply arrangements	1957
204	139-Ph/Seep-27/57	Dewatering arrangement of tubewells for the right Embankment of Guddu Barrage	1957
205	142-Ph/Seep-28/57	Location of pervious site along Upper Chenab Canal	1957
206	144-Ph/Seep-29/57	Dewatering of Ravi Syphon	1957
207	146-Ph/Seep-30/57	Survey of Sub-soil Conditions along alignment of Mangla-Marala Link Canal (First Report)	1957
208	154-Ph/L.C-25/57	Stabilization of side slopes of Kalari Feeder	1957
209	Publication No. 57	Effect of High Sore Tubewell water on soil conditions and plant growth.	1957
210	-	Annual Report Vol-I-1956 Irrigation Research Institute, Lahore.	1956
211	114-Ph/Seep-16/56	Filter below lining of Head-Race Channel of Chichoki Hydel	1956
212	115-Ph/Seep-17/56	Investigation of Pervious Sites along the Upper Gugera Canal	1956
213	118-Ph/Seep-18/56	Dewatering of Ravi Syphon	1956
214	119-Ph/Seep-19/56	A Study of Waterlogging of Jauharabad Town, its Causes and Cures	1956
215	120-Ph/Seep-20/56	Dewatering of Foundation of Gujranwala Hydel Site	1956
216	125-Ph/Seep-22/56	A Study of the spread of water-logging after the construction of Chichoki Hydel Station	1956
217	IRI 1955	Punjab Irrigation Research Institute Lahore. Annual Report for the year 1955	1955
218	-	Irrigation Research Institute West Pakistan, Lahore Annual Report 1955.	1955
219	102-Ph/Seep-12/55	Dewatering of Shadiwal Hydel Foundation	1955



220	106-Ph/Seep-13/55	A Study of the Probable Effect on the spread of waterlogging by constructing a high level Barrage at Chiniot and measures necessary to counteract this source of deterioration of lands	1955
221	108-Ph/Seep-14/55	Reply to questionnaire on Waterlogged and Saline Lands	1955
222	110-Ph/Seep-15/55	Dewatering of Foundations by Tubewells with special reference to Dewatering of Chichoki Hydrel Project.	1955
223	95-Ph/Seep-10/54	Study of Effect of Raising the full supply level of Upper Chenab Canal from Bombanwala to Nandipur Gujranwala Hydrel Project, on the spread of water logging in the area	1954
224	99-Ph/Seep-11/54	Preliminary Report on Dewatering of Foundation at Chichokimallian Power House by Tubewells	1954
225	IRI/1952	Report for the year 1952.	1952
226	68-Ph/T.W-18/52	Report on Tubewell experiments conducted at Chuharkana at RD 123 on Upper Gugera Canal.	1952
227	50-Ph/Seep-7/51	A short note on surface tension and capillary rise with reference to Soil Moisture	1951
228	56-Ph/Seep-5/51	Special Tests for transmission constant porosity and mean diameter for Sind Province	1951
229	64-Ph/T.W-16/51	Results of the tests carried out at Chuharkana in connection with tubewell pumping, during the year 1951	1951
230	-	Annual report for the year 1950.Vol-I	1950
231	47-Ph/Seep-3/50	Hydraulic Gradient for Canal Branches and Distributaries	1950
232	40-Ph/T.W-12/50	Effect of size and number of silts of a tubewell strainer on its discharge	1950
233	-	Annual Report for the year 1949 Vol-I.	1949
234	-	Annual report for the year 1949.Vol-II	1949
235	-	Annual Report	1947
236	4-Ph/T.W-2/47	A Study of the discharge of a tubewell situated in an extensive water bearing medium	1947
237	-	Report for the period April 1943 to Dec 1943.	1946
238	-	Report for the year 1946 Punjab Irrigation Research Institute Lahore.	1946
239	-	Punjab Irrigation Research Institute report for the year ending 1941.	1943
240	-	Report for the year ending 1938.	1939
241	121-Ph/Seep-21/36	A Study of Waterlogging of Jauharabad Town, its Causes and Cures	1936
242	1327/SM	Foundation Investigations and Sub-Soil Explorations for bridge sites at RD 218+272 and 85+900 Pakpattan Canal.	--
243	1061/SM	Bearing capacity and geological formations based on laboratory investigations for the proposed site of new Road Bridge on River Chenab near Wazirabad.	--

### **Hydrology, Environment and Groundwater**

1	IRR-GWMC/126	Installation of Data Loggers in Old Mailsi Canal Study Area, Multan Irrigation Zone	2022
2	IRR-GWMC/127	Recharge of Aquifer for Groundwater Management in Punjab (2022-23)	2022
3	IRR-GWMC/128	Impact of Drainage Effluents on Groundwater Resources A Case Study of Deg Nullah	2022
4	IRR-GWMC/129	Impact of Drainage Effluents on Groundwater Resources A Case Study of Hudiara Drain	2022
5	IRR-GWMC/130	Impact of Pollution in Ravi River on Groundwater Underlying the Lahore City	2022
6	IRR-GWMC/122	Installation of Water Level Data Loggers for Continuous Groundwater Monitoring	2021
7	IRR-GWMC/123	Impact of Drainage Effluents on Groundwater Resources,	2021
8	IRR-GWMC/124	A Case Study of Hudaria Drain and Deg Nullah Groundwater Situation in CRBC, DG Khan Canal and Lower Indus Plain	2021
9	IRR-GWMC/125	Artificial Aquifer Recharge by Rainwater Harvesting at ERS Thokar Niaz Beg Lahore	2021
10	IRR-GWMC/121	Recharge of Aquifer for Groundwater Management in Punjab (2016-2019)	2020
11	-	Geotechnical Investigation for wapda model study	2019
12	IRR-GWMC/118	Hydrological Investigations in the Old Mailsi Canal Area, Multan Irrigation Zone	2018
13	IRR-GWMC/119	The Punjab Groundwater (Protection, Regulation & Development) Act, 2018	2018
14	GWMC/IRI/119-A	Draft Punjab Water Policy	2018
15	GWMC/IRI/119-B	Draft Development of IWRM Framework	2018
16	IRR-GWMC/120	Annual Progress Report under ACIAR Project-LWR-036/2015 "Improving Groundwater Management to Enhance Agriculture and Farming Livelihoods in Pakistan" funded by Australian Centre for International Agricultural Research (ACIAR), Australia	2018

17	GWMC/IRI/16-A	Development of a Three Dimensional Finite Difference Groundwater Flow Model of Lahore Urban and Peri-Urban Area	2017
18	GWMC/IRI/116	A Field Workshop on Awareness Raising and Capacity Building of Fos/Farmers Regarding "Groundwater Governance and Management In Punjab. (Canal Rest House, Musafir Khana, District Bahawalpur) 21 December 2017	2017
19	GWMC/IRI/115	A Field Workshop on Awareness Raising and Capacity Building of Fos/Farmers Regarding "Groundwater Governance and Management In Punjab. (Canal Rest House, Lagar Disty, Upper Gugera Canal, Farooqabad, District Sheikhpura) 9th December 2017	2017
20	GWMC/IRI/114	A Field Workshop on Awareness Raising and Capacity Building of Fos/Farmers Regarding "Groundwater Governance and Management In Punjab. (Nai Wala Canal Rest House, 9-L Distributary, LBDC, Sahiwal) 25 November 2017	2017
21	GWMC/IRI/113	One Day National Seminar on Groundwater Governance & Management in Punjab	2017
22	-	Summary of the National Seminar On Groundwater Governance and Management in Punjab	2017
23	GWMC/IRI/112	Socio-Economics Concerns of Groundwater Management (Study for Groundwater Management for Developing Integrated Water Use Policy & Regulatory Framework)	2017
24	GWMC/IRI/111	Farmers Survey Report of Kamalia Distributary Seminar/ Workshop (Titled on Awareness Raising and Capacity Building of FOS/ Farmers Regarding Groundwater Issues and Management in Punjab) Study for Groundwater Management for Developing Integrated Water Use Policy & Regulatory Framework	2017
25	GWMC/IRI/110	Report on Field Workshop at Pubberwal Distributary Neewan Canal Rest House on April, 20 2016 (Titled on Awareness Raising and Capacity Building of FOS/ Farmers Regarding Groundwater Issues and Management in Punjab) Study for Groundwater Management for Developing Integrated Water Use Policy & Regulatory Framework	2017

26	GWMC/IRI/109	Report on Field Workshop at Khikha Canal Rest House District Toba Tek Singh on February 20, 2016 (Titled on Awareness Raising and Capacity Building of FOS/ Farmers Regarding Groundwater Issues and Management in Punjab) Study for Groundwater Management for Developing Integrated Water Use Policy & Regulatory Framework	2017
27	GWMC/IRI/108	Report on Field Workshop at Kamalia Distributary on November 28, 2015 (Titled on Awareness Raising and Capacity Building of FOS/ Farmers Regarding Groundwater Issues and Management in Punjab) Study for Groundwater Management for Developing Integrated Water Use Policy & Regulatory Framework	2017
28	IRR-GWMC/102	Challenges and Oppertunities for sustainable use of Groundwater in Chaj, Punjab	2016
29	IRR-GWMC/695	Awareness Raising and Capacity Building at FOS/Farmers Regarding Groundwater Issues and Management in Punjab (Kamalia Distributary)	2016
30	IRR-GWMC/621	Awareness Raising and Capacity Building at FOS/Farmers Regarding Groundwater Issues and Management in Punjab (Khikhi Distributary)	2016
31	GWMC/IRI/104	Application of GIS in Irrigation and Groundwater Management (under Study for Groundwater Management for Developing Integrated Water Use Policy and Regulatory Framework)	2016
32	-	Punjab's Water Policy Framework	2016
33	-	Punjab's Water Policy Framework - Annexure-I: Punjab's Water Resources - Current State and Projections	2016
34	-	Punjab's Water Policy Framework - Annexure-II: Review of Global Approaches and WRMD Approach Designed for Punjab	2016
35	IRR-GWMC/101	Groundwater Behaviour in Rechna Doab, Punjab, Pakistan	2015
36	IRR/GWMC/620	Proceedings of One Day National Seminar on Grounwater Management in Punjab Current Issues & Way Forward	2015
37	GWMC/IRI/11-A	Final Report on Situation of Groundwater in Punjab (under Study for Groundwater Management for Developing integrated Water Use Policy and Regulatory Framework)	2015
38	GWMC/IRI/103	Situation of Groundwater and Management Plan in Punjab (under Study for Groundwater Management for Developing integrated Water Use Policy and Regulatory Framework)	2015

39	-	A lecture on Outlet.	1994
40	-	Plans for long term research in Physics Wing. 1986-87 & 1989-90	1990
41	-	Design of cavity wells without strainers in abandoned riverian areas of Punjab.	1990
42	518/Phy-FC-19	Flood Frequency Analysis Log-Pearson Type-III Distribution Limited Period (16-August to 15-Oct) for River Jhelum.	1989
43	IRR-519/Phy/S.Phys-27	A Study on Evapotranspiration from Weeds	1989
44	-	Annual Report for the year 1986-87	1987
45	-	Annual Report	1986
46	IRR-505/Phy/FC-17	Comparative Study Flood Frequency Analysis Gumble & Log Pearson Type-III Distributions Jhelum River.	1986
47	-	Research & Development of Irrigation Research Institute for the year 1986-87. PC-I Nov-1985	1985
48	IRR-1885-SM/GWD- 1/85	Dewatering of Foundation by installation of Tubewells at MR Link RD-89+500.	1985
49	500-Ph/T.W-135/85	Performance of Tubewells under Grow More Food Scheme in SCARP-IV (Tail Depalpur Tubewell and Bhilla Minor Scheme).	1985
50	493/Phy/Fc15	River Jhelum Flood Frequency Analysis Gumble Technique.	1984
51	-	Report of expert committee on irrigation problems of Punjab.	1984
52	IRR Jan-1983	Research on some aspects of Irrigation and Drainage of Saline and Alkali Soil in Pakistan.	1983
53	477-Phy/TW-121	Performance of Tubewells, Rasul Tubewells Scheme, Rakh Branch.	1981
54	Publication No. 111	Bench Mark Survey of Watercourses at Tubewell MN-22.	1980
55	480/Phy/S-Phy-24/81	Niazbeg Research Station Meteorological data 1973-80	1980
56	468-Phy/GWD-3	Groundwater table depletion installation of tubewells (Jhang Road, Faisalabad).	1980
57	469-Phy/GWD-4	Groundwater table depletion installation of tubewells (Faisalabad Airport).	1980
58	IRR-468/Phy/GWD- 3/80	Groundwater Table Depletion installation of Tubewells Jhang Road Faisalabad.	1980
59	453/Phy/S.Phys-19/79	Water conservation studies on rice Basmati	1979

60	IRR-466/Ph/GWD-1/5-79	Groundwater Table Depletion installation of Tubewells Faisalabad City.	1979
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### **GEO SYNTHETIC AND CANAL LINING**

1	-	Groundwater and Physical Hydraulic modeling. Vol-V April 1943	1993
2	-	Feasibility Report of Lining of Distributaries and Minors in Punjab. Vol-III May 1993	1993
3	-	Strengthening, Modernization and Reorganization of IRI Lahore for better Irrigation system Management and Utilization of Water Potential of the Punjab.	1992
4	-	Survey of Punjab River (year 1989-90)	1991
5	-	Groundwater Flow Modeling.	1990
6	-	Studies on the performance of Various Lining Materials.	1990