

ENGINEERING AND ENVIRONMENT DEPARTMENT
PLANNING, DESIGN AND CONSTRUCTION DIVISION
IMPLEMENTATION SCHEDULE (BAR CHART)

DRILLING OF PROPOSED PACOL IV ONE (1) TEST/PRODUCTION WELL
ZONE 1, KM. 10, BARANGAY PACOL, NAGA CITY

DESCRIPTION	RELATIVE WEIGHT (%)	UNIT	2024															
			MONTH 1			MONTH 2			MONTH 3			MONTH 4						
1 Mobilization of equipment, tools, materials and drilling staff	3.01	1 Lot																
2 Preparation of site and setting up of equipment including site fill-up, if necessary	1.06	1 Lot																
3 Drilling of 200mm Ø pilot hole including strata sampling every meter of penetration or less whenever change of formation occurs and the use of temporary casings if necessary	20.11	180 Mts																
4 Soli analysis, water bearing strata identification, geophysical borehole logging (self potentials and electrical resistivity) and preparation of final well design	0.71	1 Lot																
5 Furnishing of 300mm Ø Spiral welded steel casing (8mm thick)	18.73	22 pcs.																
6 Furnishing of 300mm Ø Continuous slot Wedge wirewound stainless steel screens, slot 60	15.96	18 pcs.																
7 Reaming of pilot hole from 200mm Ø to 450mm Ø	20.11	180 Mts.																
8 Installation of 300mm Ø casings and screens including stick-up pipe	1.93	181 Mts.																
9 Furnishing and installation of gravel pack materials on annulus around casings and screens	3.51	165 Mts.																
10 Furnishing and installation of 50mm Ø G.I. gravel fill pipe with screw cap	0.37	16 Mts.																
11 Mud dispersion/thinning with appropriate dispersant/thinner	0.53	1 Lot																
12 Well development by:																		
a. Jetting/ Backwashing	1.28	24 Hrs																
b. Surging and bailing	1.28	24 Hrs																
c. Airlift	3.41	12 Hrs																
13 Step drawdown pumping test, about 5 steps at 1 hour duration per step	0.35	1 Lot																
14 Continuous constant discharge rate pumping test	3.83	72 Hrs																
15 Cement Grouting of annulus around 300mm Ø casing	0.53	15 Mts.																
16 Furnishing and installation of well head cap and sounding	0.09	1 Lot																
17 Clean up and restoration of well site	0.18	1 Lot																
18 Demobilization	2.84	1 Lot																
19 Water quality testing	0.18	1 Lot																
TOTAL	100.00																	
ACCOMPLISHMENT	This Period To Date		3.01	1.06	4.02	4.02	4.02	4.02	4.03	12.23	12.69	12.69	12.70	4.02	6.34	7.13	4.81	3.21
			3.01	4.07	8.09	12.11	16.13	20.15	24.18	36.41	49.10	61.79	74.49	78.51	84.85	91.98	96.79	100.00

8