

HALAIPANI SMALL HYDRO-ELECTRIC PROJECT (4X4 MW) ARUNACHAL PRADESH
(M/S P.K. HOSPITALITY SERVICE Pvt.Ltd.)

92A/09

96°36'0"E

96°38'0"E

96°40'0"E

96°42'0"E

96°44'0"E

27°58'0"N

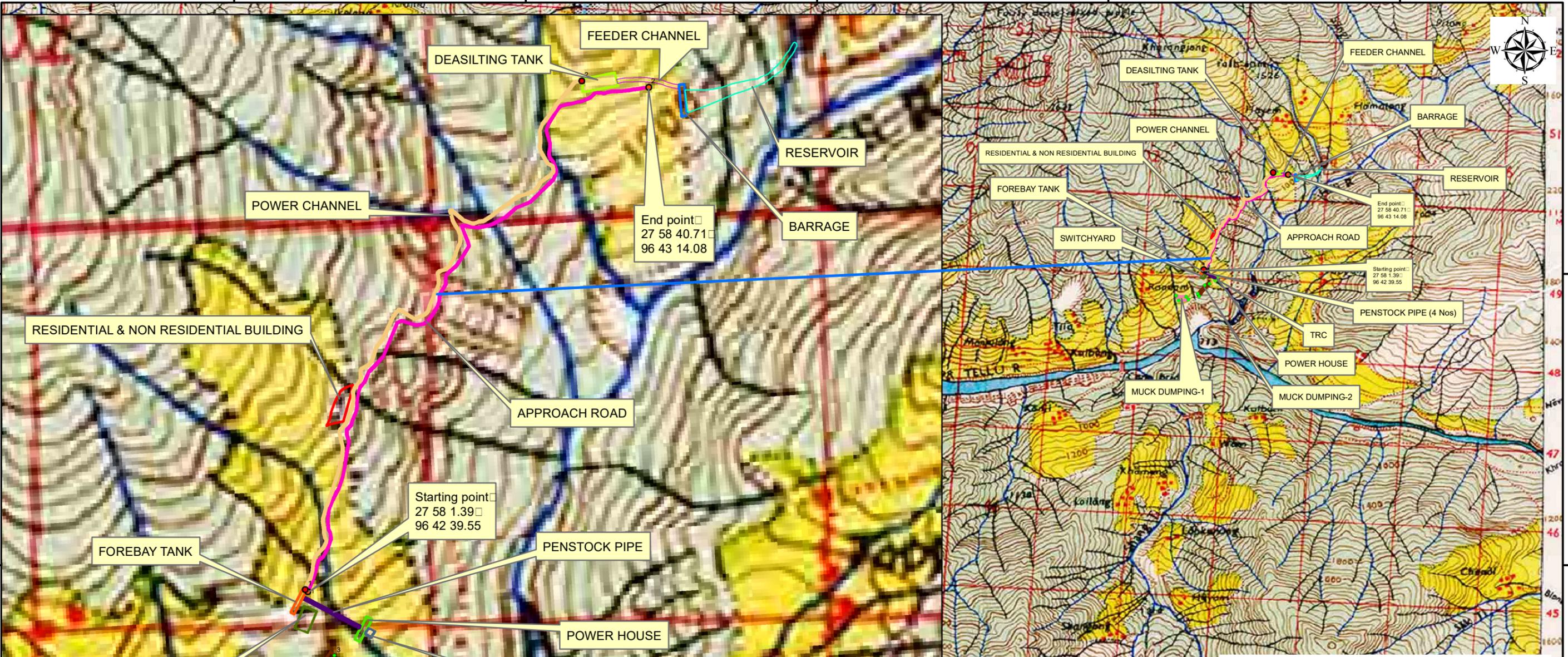
27°56'0"N

27°54'0"N

27°58'0"N

27°56'0"N

27°54'0"N



Legend

1:50,000

- RESERVOIR
- BARRAGE
- FEEDER_CHANNEL
- DEASILTING_TANK
- POWER CHANNEL
- FOREBAY TANK
- PENSTOCK PIPE
- POWER HOUSE
- SWITCHYARD
- TRC
- RESIDENTIAL & NON RESIDENTIAL BUILDING
- APPROACH ROAD
- MUCK DUMPING-2
- MUCK DUMPING-1

LAND REQUIREMENT DETAILS							
SL.	No	COMPONENTS	AREA	LENGTH (Mtrs)	WIDTH (Mtrs)	FOREST LAND (Sqm)	FOREST LAND (Ha)
1		RESERVOIR				8000	0.8
2		BARRAGE & INTAKE STRUCTURE		24	45.3	1087.2	0.10872
3		FEEDER CHANNEL		405	4	1620	0.162
4		DEASILTING TANK				2961	0.2961
5		POWER CHANNEL		1539	4	6156	0.6156
6		FOREBAY TANK		66	10	660	0.066
7		PENSTOCK PIPE (4 Nos)				974.4	0.09744
8		POWER HOUSE COMPLEX		66	15	990	0.099
9		TRC (4 NOS)				320	0.032
10		SWITCHYARD		60	35	2100	0.21
11		RESIDENTIAL & NON RESIDENTIAL BUILDING				3055.5	0.30555
12		APPROACH ROAD		2900	3	8700	0.87
13		MUCK DUMPING-1				5659	0.5659
14		MUCK DUMPING-2				5174	0.5174
GRAND TOTAL						47457.1	4.75

MUCK DUMPING-1					
SL	LAT	LONG	LAT	LONG	
1	27 57 51.01	96 42 27.90			
2	27 57 50.67	96 42 32.12			
3	27 57 49.39	96 42 33.02			
4	27 57 48.94	96 42 29.01			

POWER CHANNEL					
SL	LAT	LONG	LAT	LONG	
1	27 58 1.56	96 42 39.30			
2	27 58 41.61	96 43 7.95			

MUCK DUMPING-2					
SL	LAT	LONG	LAT	LONG	
1	27 57 51.71	96 42 36.87			
2	27 57 55.29	96 42 39.72			
3	27 57 56.02	96 42 41.62			
4	27 57 50.77	96 42 37.39			

APPROACH ROAD					
Point	LAT	LONG	LAT	LONG	
Starting point	27 58 1.39	96 42 39.55			
End point	27 58 40.71	96 43 14.08			

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