

TABLE 2 Details of profile lines with number and section name landform and length

S. N.	Profile Line (PL)	Line Name	Landform	Description	Length (km)
1	PL - 1	A – A'	Basin water-divide	NW side along the basin water-divide	12.4
2	PL - 2	B – B'	Basin water-divide	NE side along the basin water-divide	11.5
3	PL - 3	C – C'	Water-divide	Middle of sub-basin, south sloping inter-channel upland	8.6
4	PL - 4	D – D'	Water-divide	Middle of sub-basin, SE sloping inter-channel upland	10.2
5	PL - 5	E – E'	Water-divide	Middle of sub-basin, SW sloping inter-channel upland	8.1
6	PL - 6	G – G'	Drainage Depression	Upper reaches, middle of sub-basin, along the drainage channel sloping towards south	6.6
7	PL - 7	H – H'	Drainage Depression	Middle of sub-basin, NNE-SSW sloping inter-channel upland	6.2
8	PL - 8	F – F'	Water-divide	Close to main channel and near to the southern sub-basin boundary	5.5
9	PL - 9	I – I'	Drainage Depression	Upper reaches, middle of sub-basin, along the drainage channel sloping towards south	8.9
10	PL - 10	J – J'	Drainage Depression	Middle reached, close to eastern side sub-basin boundary, along the channel sloping towards south	8.8
11	PL - 11	K – K'	Resistivity Depression	High resistivity linear zone, crossing sub-basin in WSW - ENE direction	15.8
12	PL - 12	L – L'	Resistivity Depression	Resistivity low linear zone, running SW-NE in the eastern side of sub-basin	5.0
13	PL - 13	M – M'	Resistivity Depression	Resistivity low linear zone running in N-S in middle of upper reached	7.6
14	PL - 14	N - N'	Multi Landform	Straight West - East running across the sub-basin	16.7
15	PL - 15	O - O'	Multi Landform	Straight West - East running across the sub-basin	19.3
16	PL - 16	P - P'	Multi Landform	Straight West - East running across the sub-basin	8.5

17	PL - 17	Q - Q'	Multi Landform	Straight North - South running across the sub-basin	9.7
18	PL - 18	R - R'	Multi Landform	Straight North - South running across the sub-basin	13.6
19	PL - 19	S - S'	Multi Landform	Straight North - South running across the sub-basin	11.5
20	PL – 20 ^a	T - T'	Basin divide	Higher the elevation, deeper the water table	14.4
21	PL – 21 ^a	U - U'	Water-divide	Water table deeper as elevation decreases along the water-divide,	8.0
22	PL – 22 ^a	V - V'	Water-divide	There is definite trend of water table with elevation decrease	8.0
23	PL – 23 ^a	W - W'	Water-divide	Elevation decreases water table become shallower	4.1
<i>Note:</i> ^a Profile based direct plot of the observation station data.					