

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDARY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDARY		EC SOCKET		OFC+ '4' QUAD

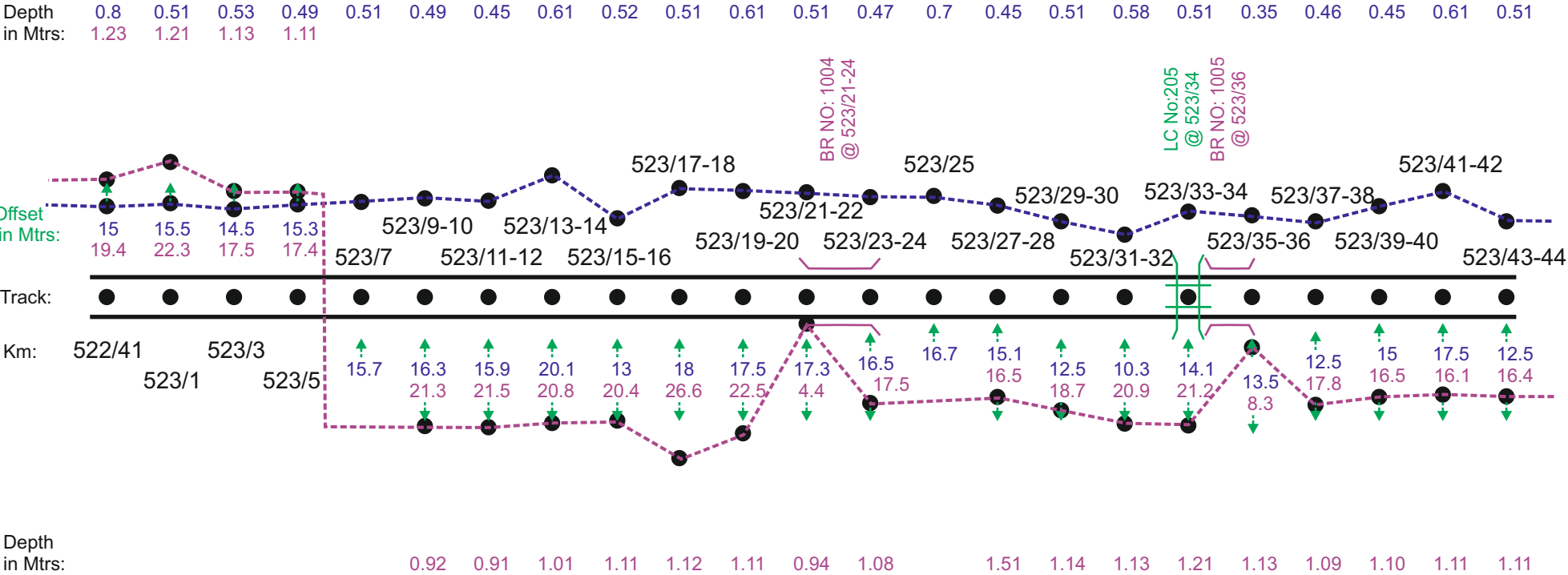


	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI	
ADSTE			
		SHEET	SHEETS
		60	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4 QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

UP LINE



← KOSIGI

DOWN LINE

IRANGALLU →

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagesh	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI	
ADSTE	ADSTE		
		SHEET	SHEETS
		61	212

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDERS		'6' QUAD+ '4' QUAD
	OUT OF BOUNDARY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDARY		EC SOCKET		OFC+ '4' QUAD

The diagram illustrates the vertical alignment and track structure of a railway. Key features include:

- Depth in Mtrs:** Values at the top (0.51 to 0.31) and bottom (1.11 to 1.13) of the diagram.
- Track:** A horizontal line representing the track level, with black dots indicating specific points.
- Offset in Mtrs:** Green arrows and numbers (12.5 to 4.5) showing the vertical distance from the track level to the ground surface.
- Labels:**
 - EC Socket @ 524/1
 - BR NO: 1006 @ 524/4-6
 - BR NO: 1007, 1007A @ 524/12-14
 - BR NO: 1007 @ 524/22
 - BR NO: 1008 @ 524/25
 - BR NO: 1008/A @ 524/30
 - EC Socket @ 524/31
- SSP/KO:** A red box highlighting a specific section of the track.

IRANGALLU →

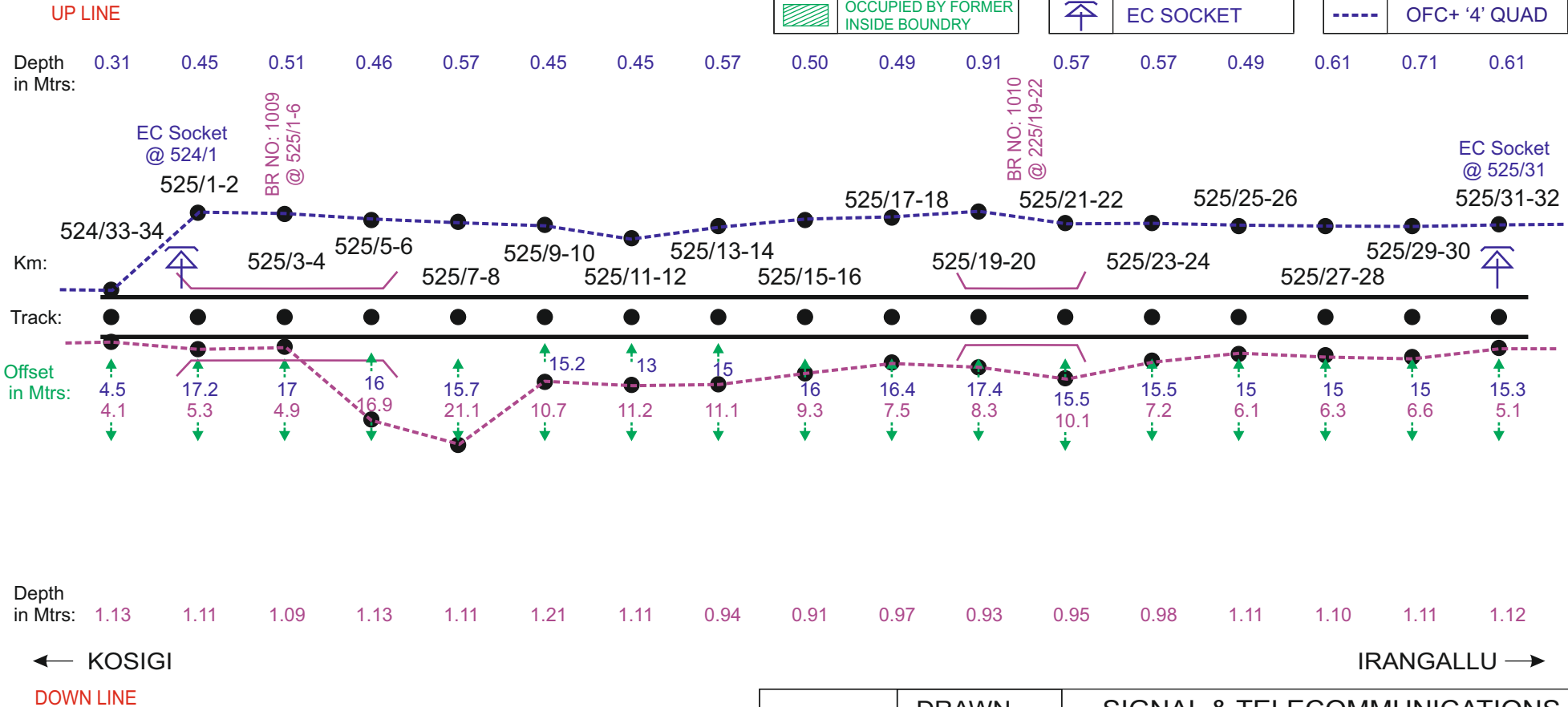
	DRAWN	SIGNAL & TELECOMMUNICATIONS
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND
ADSTE		CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	SHEET	SHEETS
	62	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

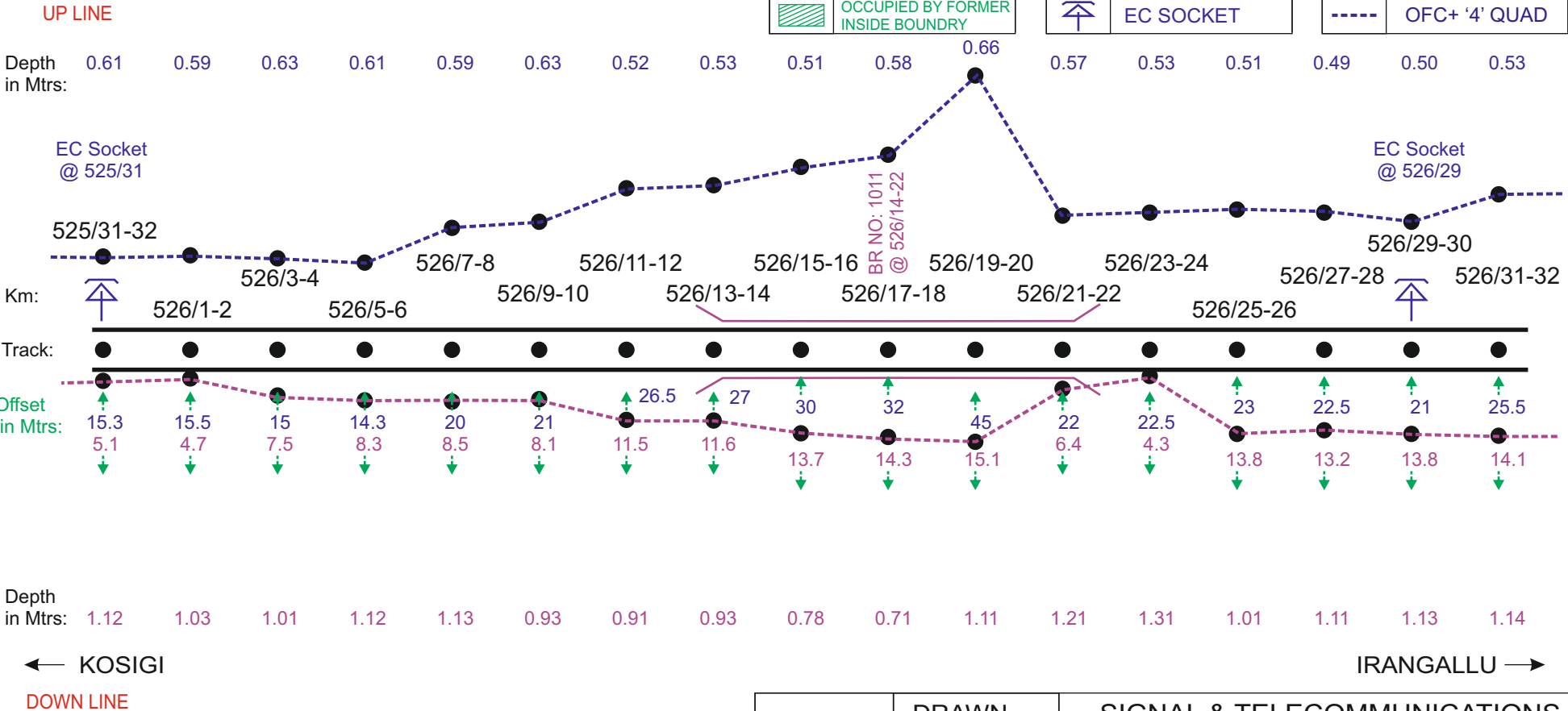


NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI	
Barley	ADSTE		
		SHEET	SHEETS
		63	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

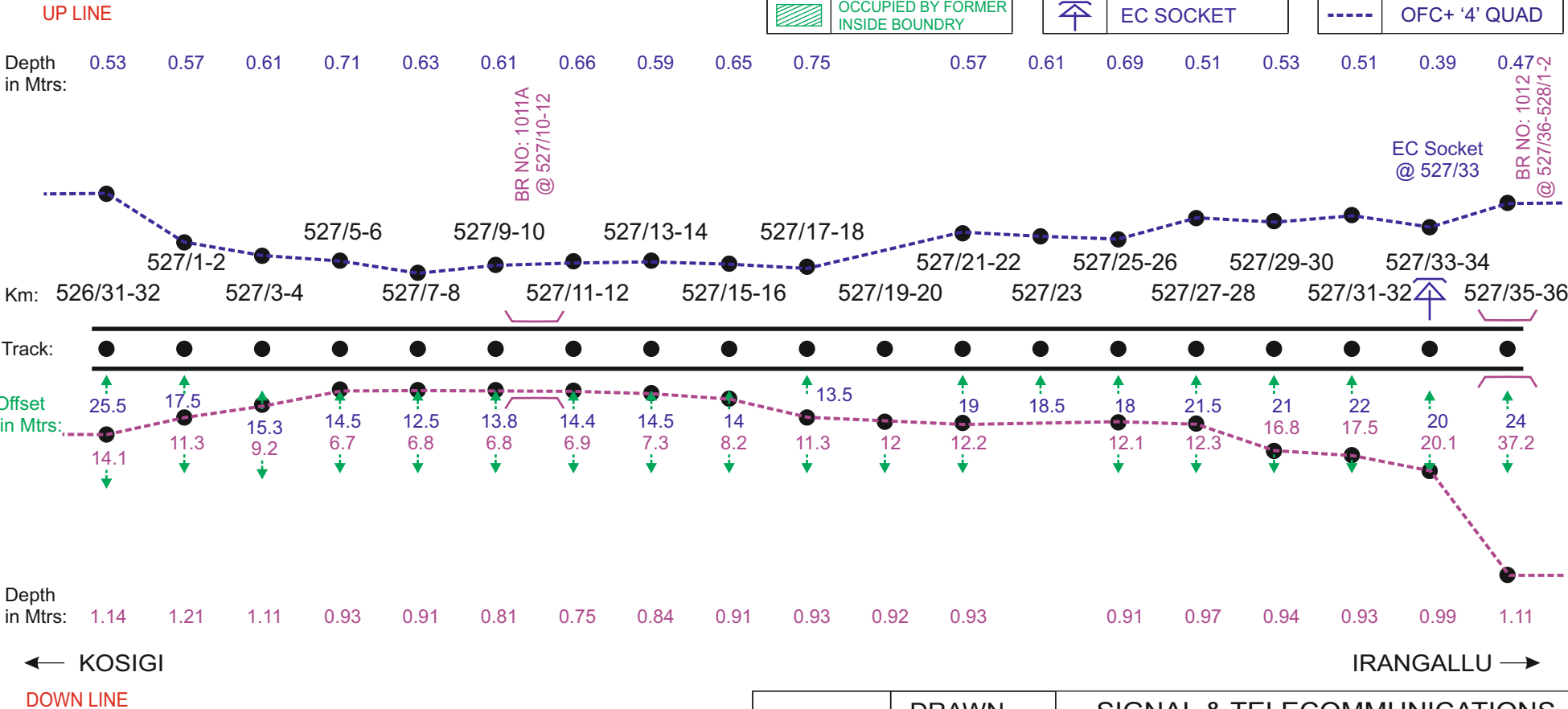


NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagesh	SSE/TELE	OFC + QUAD UNDER GROUND	
ADSTE		CABLE ROUTE DIAGRAM	
		BET : MOLAGAVALLI - WADI	
		SHEET	SHEETS
		64	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

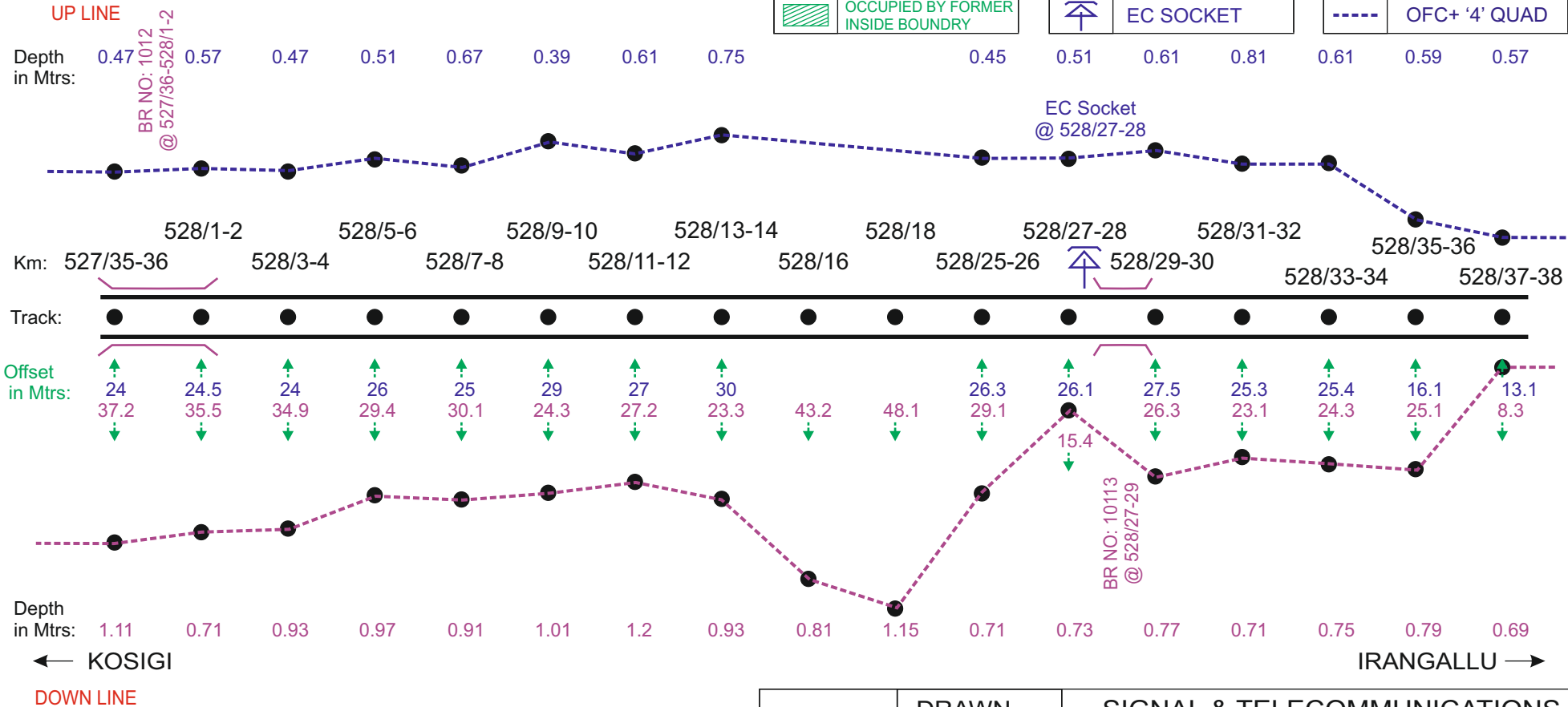


NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI	
Barley	ADSTE		
		SHEET	SHEETS
		65	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

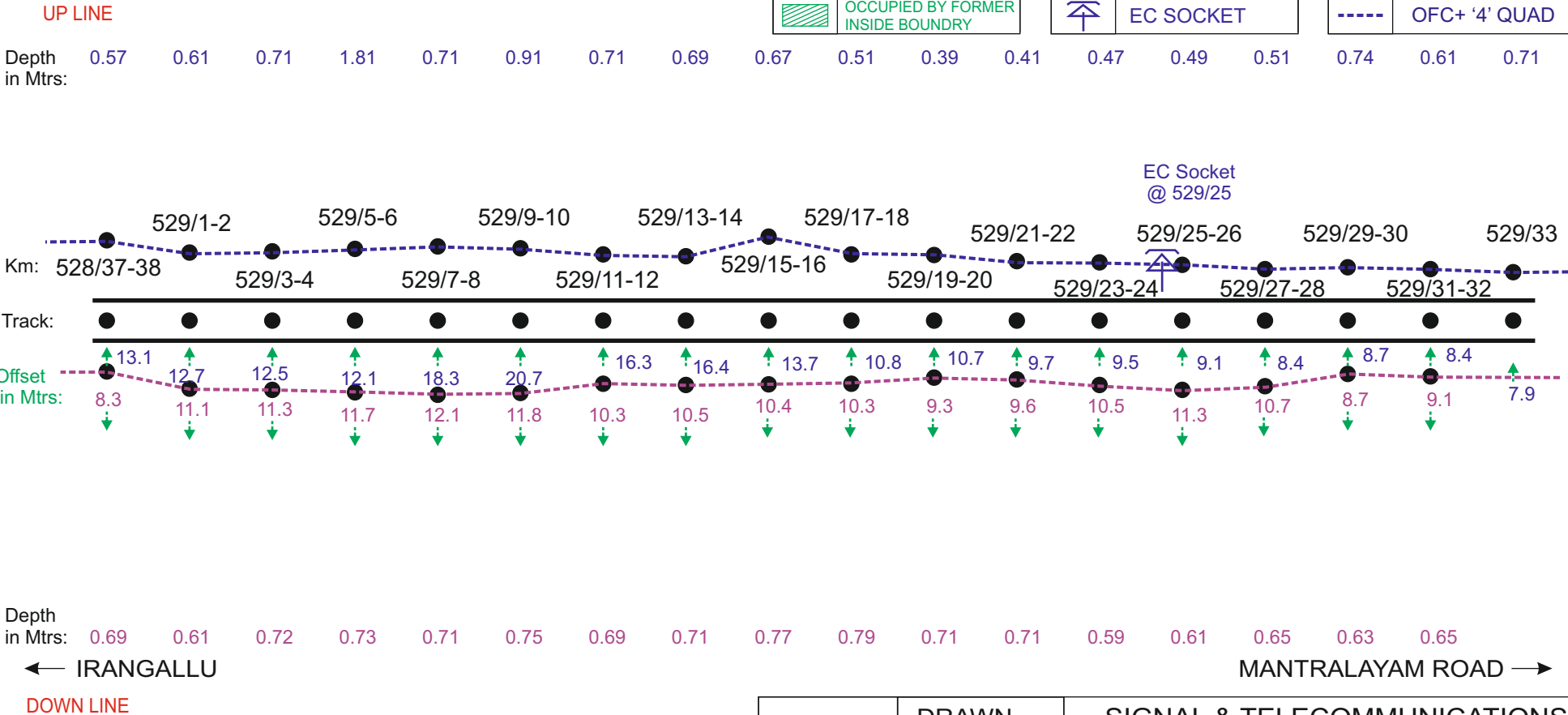


NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND	
ADSTE	ADSTE	CABLE ROUTE DIAGRAM	
		BET : MOLAGAVALLI - WADI	
		SHEET	SHEETS
		66	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

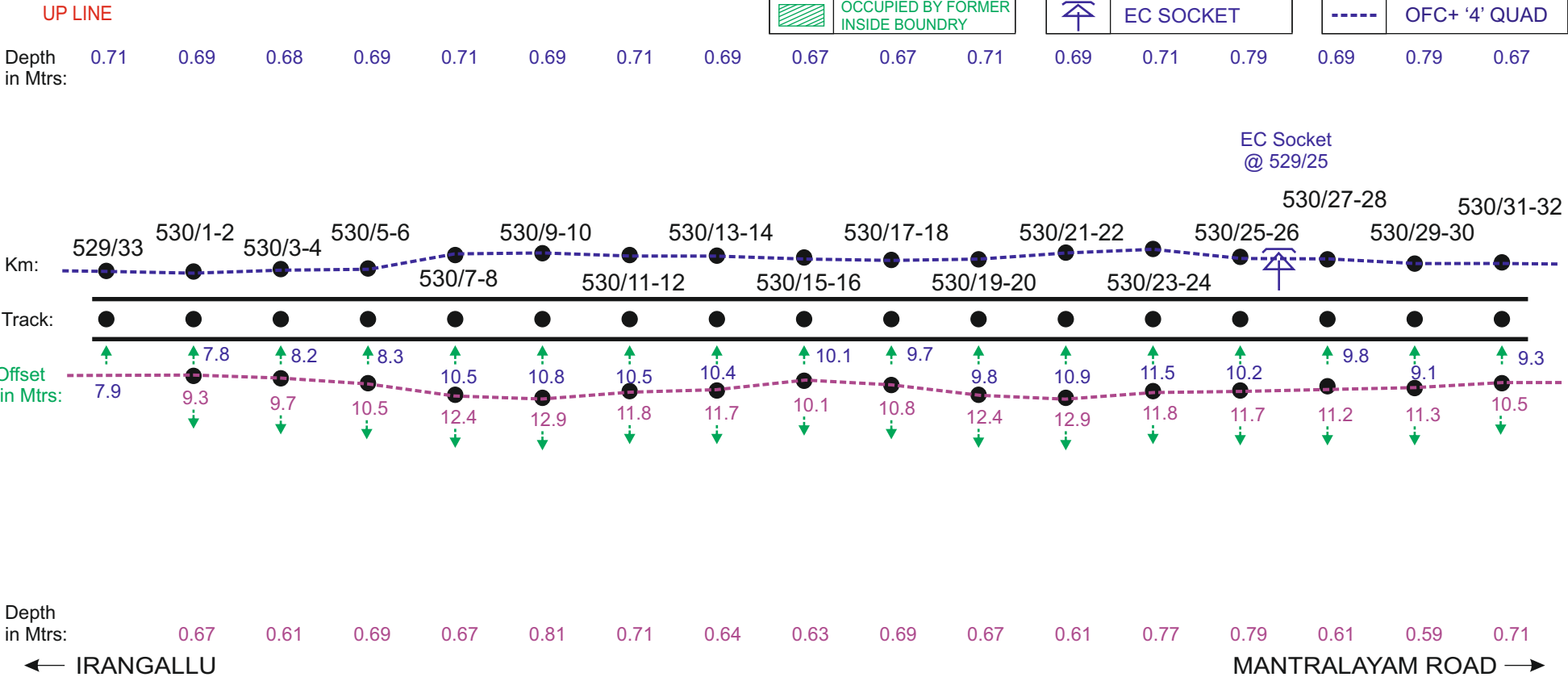


NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND	
Baralay	ADSTE	CABLE ROUTE DIAGRAM	
		BET : MOLAGAVALLI - WADI	
		SHEET	SHEETS
		67	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4 QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

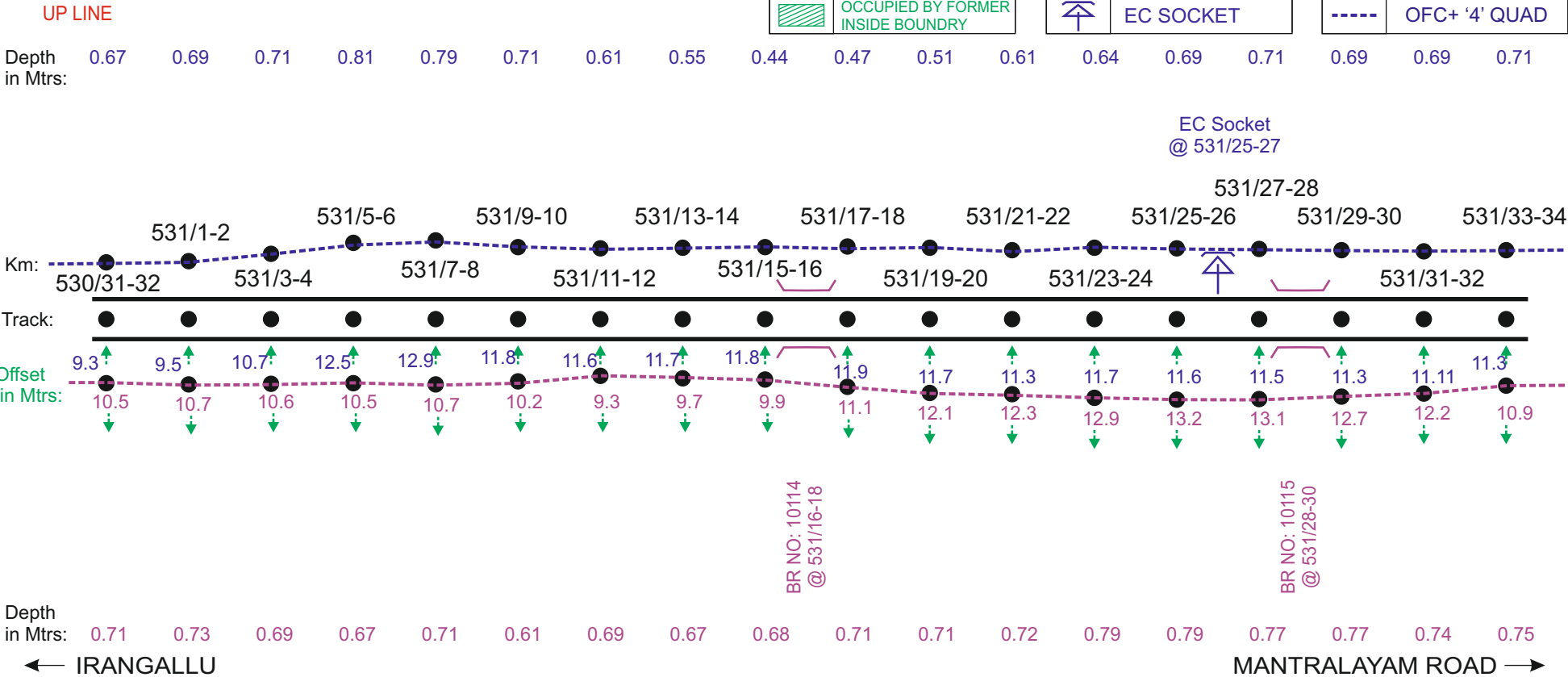


NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI	
Baralay	ADSTE		
		SHEET	SHEETS
		68	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

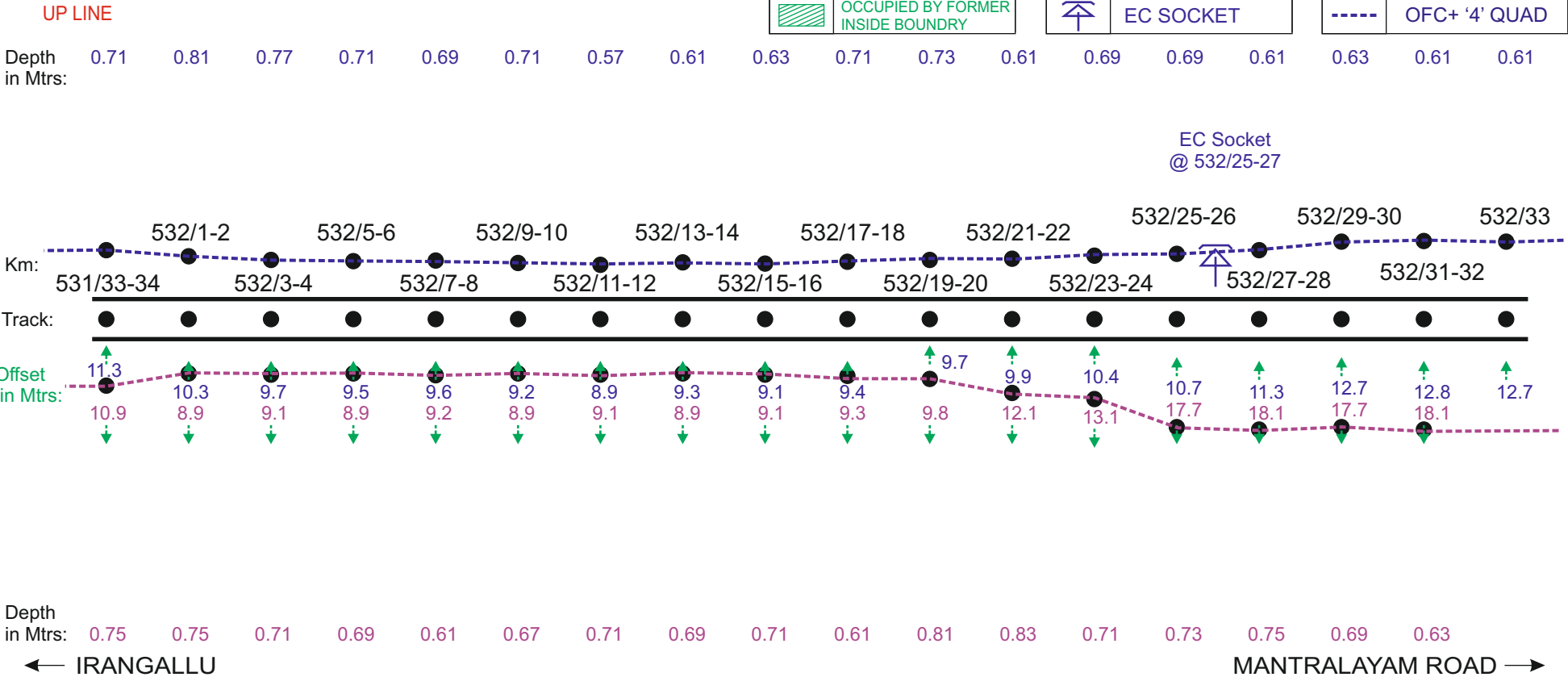


NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND	
Baralay	ADSTE	CABLE ROUTE DIAGRAM	
		BET : MOLAGAVALLI - WADI	
		SHEET	SHEETS
		69	212

LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD



DOWN LINE

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND	
Baralay	ADSTE	CABLE ROUTE DIAGRAM	
		BET : MOLAGAVALLI - WADI	
		SHEET	SHEETS
		70	212

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

The diagram illustrates the proposed 1.5 km long railway track between Irangallu and Mantralayam Road. The track is shown as a dashed line with stationing from 532/33 to 533/31-32. The track is located 1.5 km from the existing track. The diagram also shows the depth of the track bed in meters, with values ranging from 0.43 to 0.81. Key features include an EC Socket at station 533/25-27 and a BR NO. 1015 at station 533/26-28. The diagram also indicates the location of the proposed track relative to the existing track and the depth of the track bed.

Station	Depth in Mtrs (Top)	Depth in Mtrs (Bottom)
532/33	0.61	0.65
533/1-2	0.57	0.67
533/3-4	0.59	0.69
533/5-6	0.57	0.71
533/7-8	0.61	0.77
533/9-10	0.59	0.78
533/11-12	0.49	0.69
533/13-14	0.41	0.71
533/15-16	0.45	0.67
533/17-18	0.49	0.66
533/19-20	0.51	0.69
533/21-22	0.61	0.71
533/23-24	0.71	0.71
533/25-26	0.49	0.73
533/27-28	0.47	0.69
533/29-30	0.49	0.81
533/31-32	0.43	0.81

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI	
	ADSTE		
		SHEET	SHEETS
		71	212

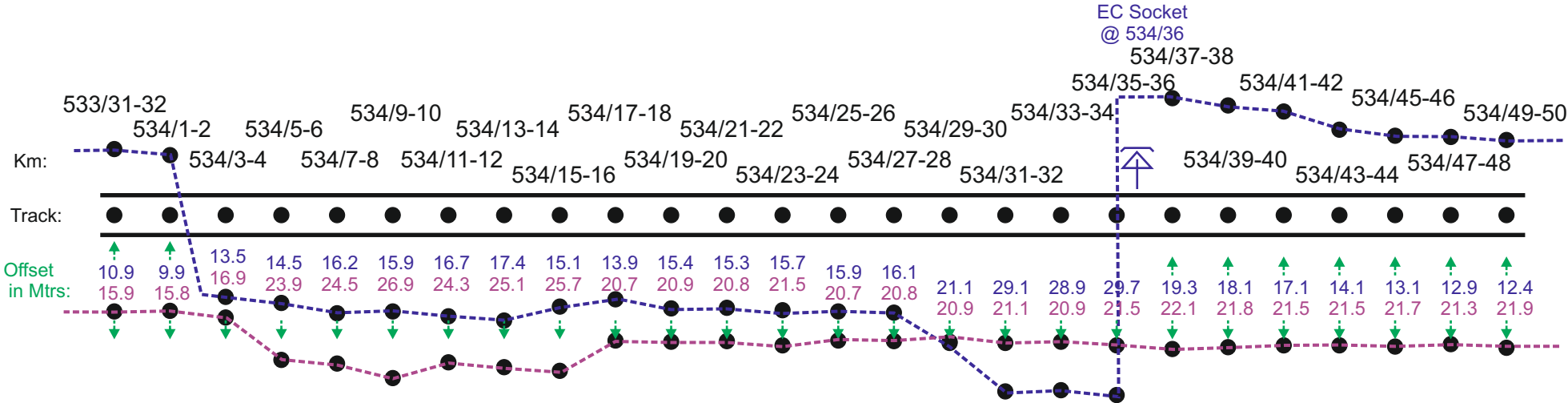
LEGEND

	POWER CABLE CROSSING		TRACK (Double Line)		OFC
	MLC		TRACK (Single Line)		'6' QUAD
	UMLC		ROB		'4' QUAD
	ILC		GIRDER BRIDGE		'6' QUAD+ '4' QUAD
	OUT OF BOUNDRY		CONCRETE BRIDGE		OFC+ '6' QUAD
	OCCUPIED BY FORMER INSIDE BOUNDRY		EC SOCKET		OFC+ '4' QUAD

UP LINE

Depth 0.43 0.49
in Mtrs:

0.51 0.57 0.51 0.57 0.59 0.55 0.51 0.51



Depth 0.47 0.39 0.41 0.71 0.81 0.49 0.71 0.69 0.67 0.61 0.69 0.71 0.61 0.69 0.71 0.61
in Mtrs: 0.81 0.71 0.81 0.75 0.75 0.69 0.61 0.67 0.71 0.73 0.71 0.69 0.68 0.61 0.71 0.73 0.69 0.71 0.67 0.61 0.63 0.61 0.67 0.61 0.71 0.73

← IRANGALLU

MANTRALAYAM ROAD →

DOWN LINE

NOTE :- MEASUREMENT IN METERS FROM CENTER LINE OF THE TRACK.

	DRAWN	SIGNAL & TELECOMMUNICATIONS	
U. Nagaraj	SSE/TELE	OFC + QUAD UNDER GROUND CABLE ROUTE DIAGRAM BET : MOLAGAVALLI - WADI	
ADSTE	ADSTE		
		SHEET	SHEETS
		72	212