

I/7443/2022



भारत सरकार / GOVERNMENT OF INDIA
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
एकीकृत क्षेत्रीय कार्यालय, भोपाल / INTEGRATED REGIONAL OFFICE, BHOPAL
Kendriya Paryavaran Bhavan, Link Road No.3, E-5, Ravi Shankar Nagar,
BHOPAL - 462016 (M.P.)



TEL: 0755-2466525 E-mail: rowz.bpl-mef@nic.in

File No. 6-MPB 004/2022-BHO/

Date: 25/02/2022

To,

The Principal Secretary (Forests)
Govt. of Madhya Pradesh
Vallabh Bhavan, Bhopal
(M.P.)

Sub : Diversion of 4.977 ha Protected Forest land for widening /strengthening of Ratlam-Morwani-Umar-Raoti-Bajna Road in favour of Executive Engineer, Public Works Division in Ratlam District of Madhya Pradesh.

Ref : APCCF (LM), M.P. letter No. F-5/1087/2021/10-11/113 dated 12/01/2022.

Sir,

With reference to the above mention subject and letter under reference, undersigned is directed to inform you that as per DSS analysis some of the forest area (as per Working Plan Boundary) does not included in the proposed diversion.

A copy of DSS map is enclosed and request you to include all the area falling in forest (1.44 KM) required for this project shall be submitted.

Encl.- DSS report.

Yours faithfully

(Hare Ram Kumar)

Technical Officer (Forestry)

Copy to: The PCCF (LM) and Nodal Officer, Forest Department, Govt. of MP, Bhopal

Signed by Hare Ram Kumar
Date: 25-02-2022 13:24:28
Reason: Approved

GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)

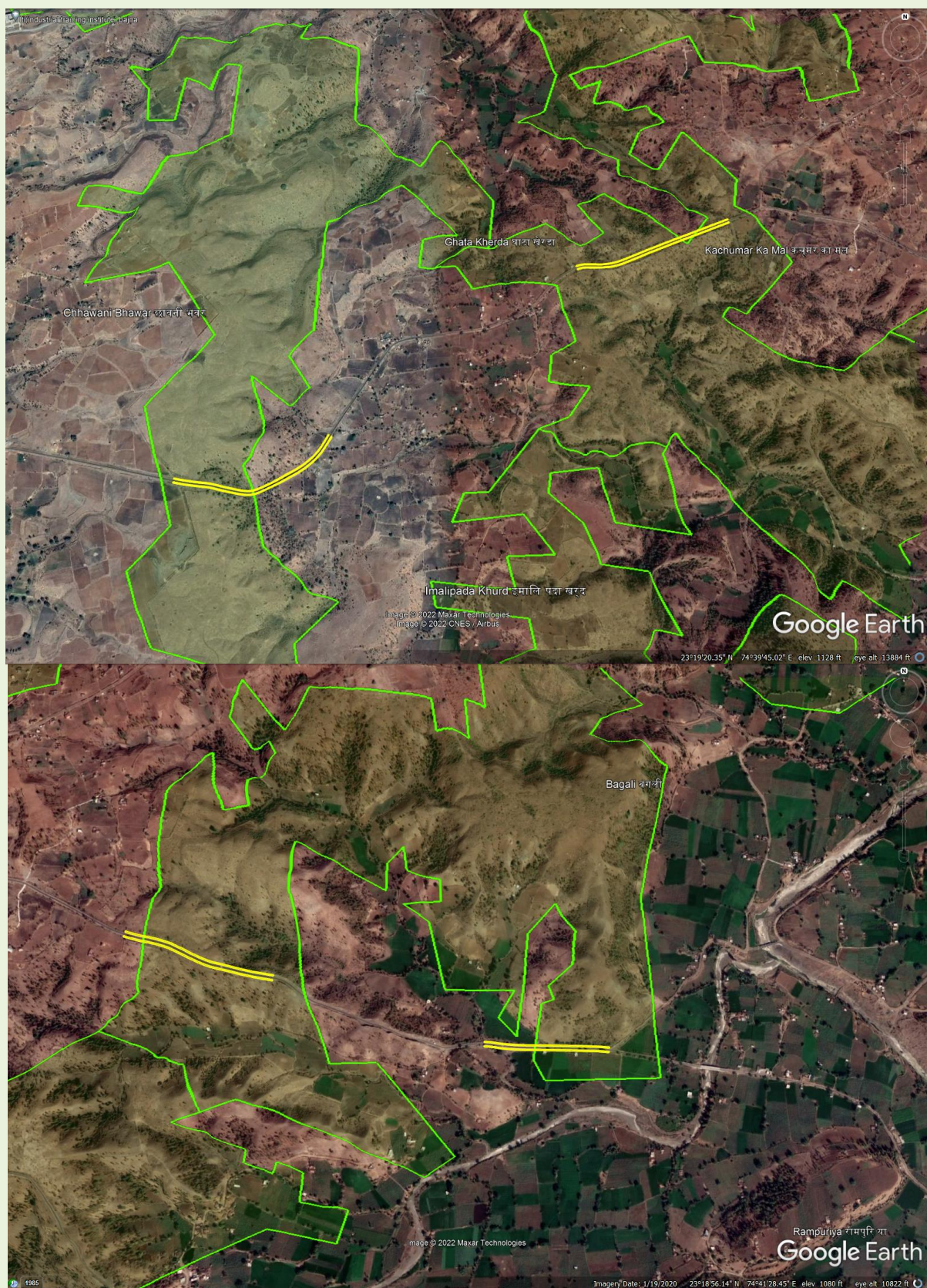
Proposal No.:6-FP/MP/ROAD/44455/2020-4.977 Ha	Date:20 January, 2022
Project type :Road	State :Madhya Pradesh
	District :Ratlam

Items	Proposed Area (ha)	DSS Area (ha)	Details (web portal)									
Proposed Diversion Area	4.977	4.961	1. Toposheet map : Yes									
			2. Geo-reference map: Yes									
			3. KML file Uploaded on web portal: Yes									
			4. Distance from nearest PA(Aerial Distance): 48.23 km away from Sardarpur WLS									
Proposed Diversion Area	4.977	4.961	5. Forest Cover (ha):									
			Non Forest Cover									
			4.96									
			6. Observation: As per DSS server and WP Forest Boundary, it appears that the total length of submitted KML is 6.84 km. The 5.98 km length is falling in inside of available forest boundary. As per calculation 1.44 km length is short out of 7.42 km that is falling in inside of forest boundary.									
Proposed CA Area	4.977	4.96	1. Toposheet map : Yes									
			2. Geo-reference map: Yes									
			3. KML file Uploaded on web portal: Yes									
			4. Forest Cover (ha):									
Proposed CA Area	Sherpur 858	4.977	4.96	0	0	0	0	5	-	-	-	

Items	Proposed Area (ha)	DSS Rule –I	DSS Rule –II
Proposed Diversion Area	4.977	1. Not-inviolate	1. Not-inviolate

GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)



GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)

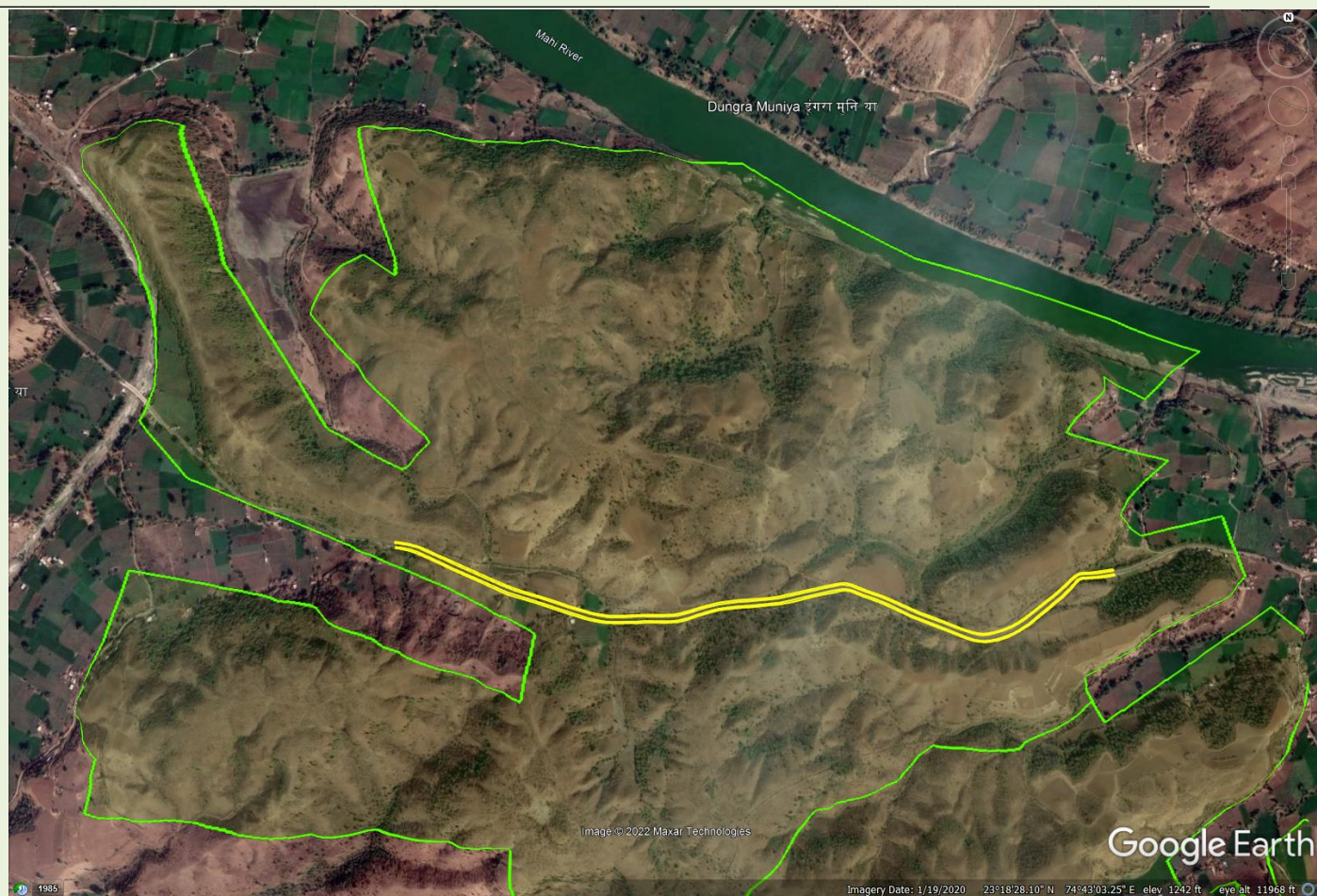


Figure: Google Earth View of Proposed Diversion

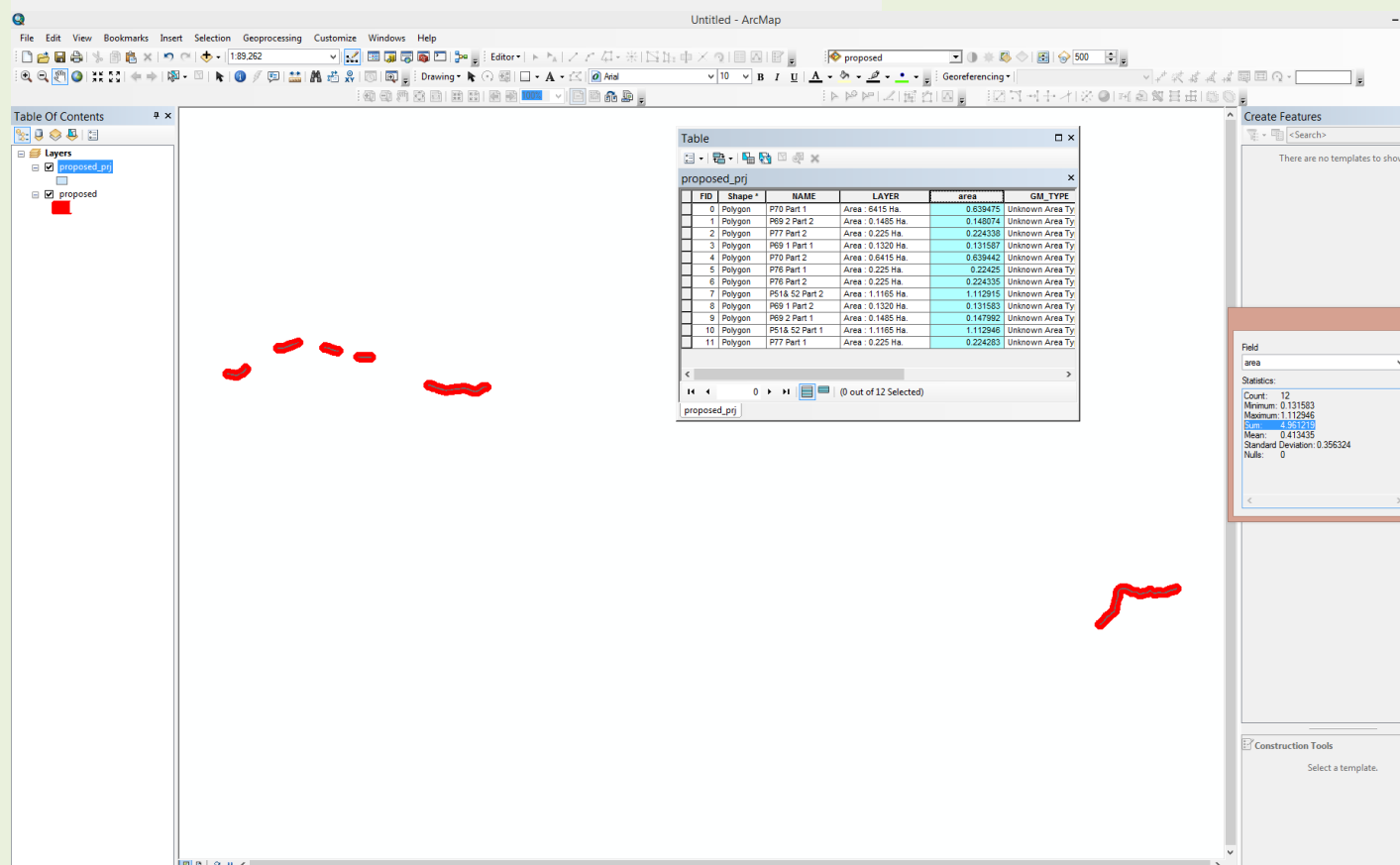
GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)

Proposed (KML) Land Cover Information: 4.961 Ha

proposed_prj

	FID	Shape *	NAME	LAYER	area	
	0	Polygon	P70 Part 1	Area : 6415 Ha.	0.639475	U
	1	Polygon	P69 2 Part 2	Area : 0.1485 Ha.	0.148074	U
	2	Polygon	P77 Part 2	Area : 0.225 Ha.	0.224338	U
	3	Polygon	P69 1 Part 1	Area : 0.1320 Ha.	0.131587	U
	4	Polygon	P70 Part 2	Area : 0.6415 Ha.	0.639442	U
	5	Polygon	P76 Part 1	Area : 0.225 Ha.	0.22425	U
	6	Polygon	P76 Part 2	Area : 0.225 Ha.	0.224335	U
	7	Polygon	P51& 52 Part 2	Area : 1.1165 Ha.	1.112915	U
	8	Polygon	P69 1 Part 2	Area : 0.1320 Ha.	0.131583	U
	9	Polygon	P69 2 Part 1	Area : 0.1485 Ha.	0.147992	U
	10	Polygon	P51& 52 Part 1	Area : 1.1165 Ha.	1.112946	U
	11	Polygon	P77 Part 1	Area : 0.225 Ha.	0.224283	U



GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)



Area of the Land (Software calculated) is 4.96 **ha**. In terms of standards followed in ISFR 2019 (interpretation of satellite data period Oct.-Dec.2017-Jan.-March, 2018) regarding density classes:

All results are in square kilometers

FCM Analysis:

Non Forest
0.05

FTM Analysis:

5A/C3 Dry teak forest	Non Forest
0.04	0.04

BR Analysis:

Medium	Non Forest
0.03	0.02

GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)

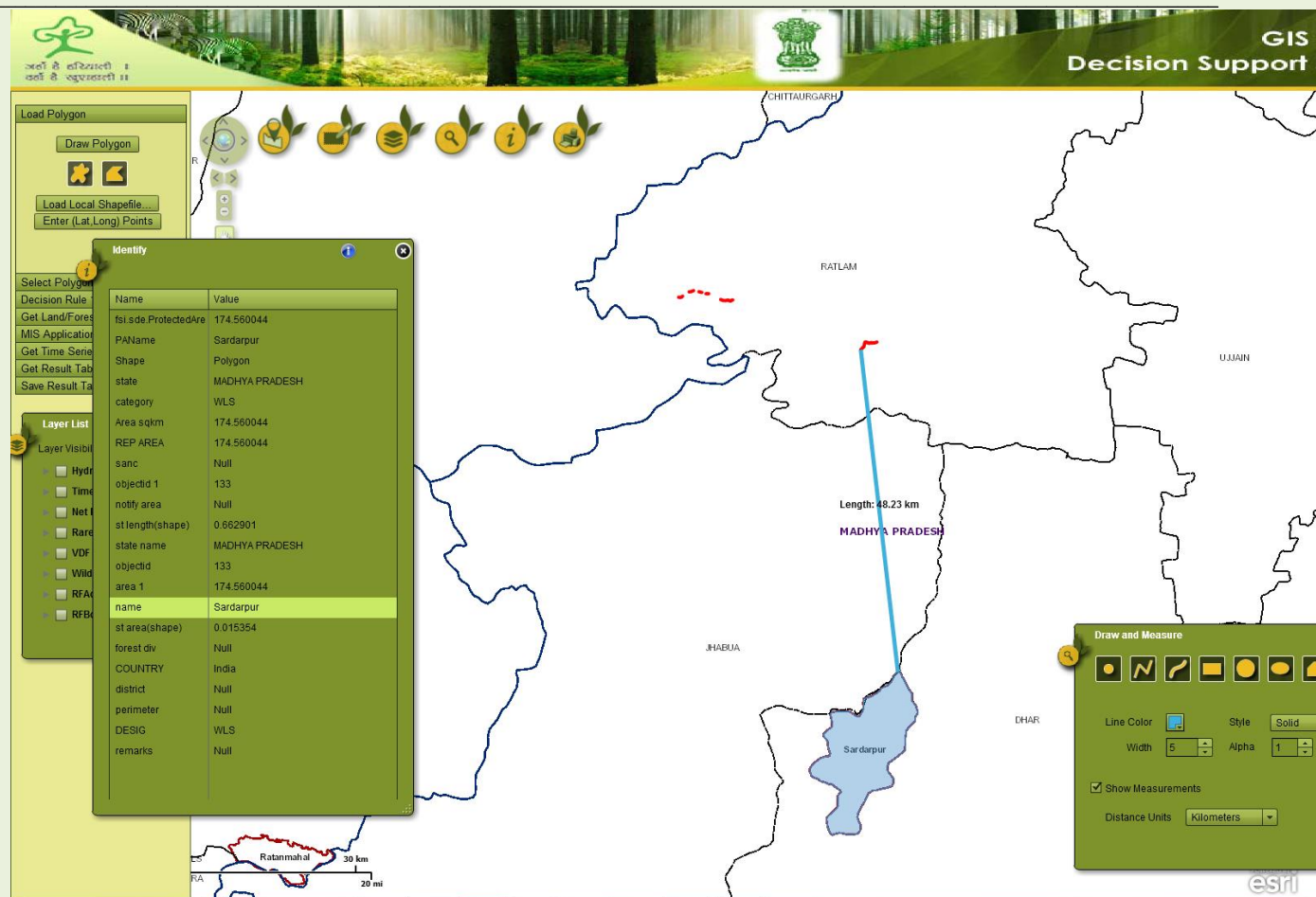


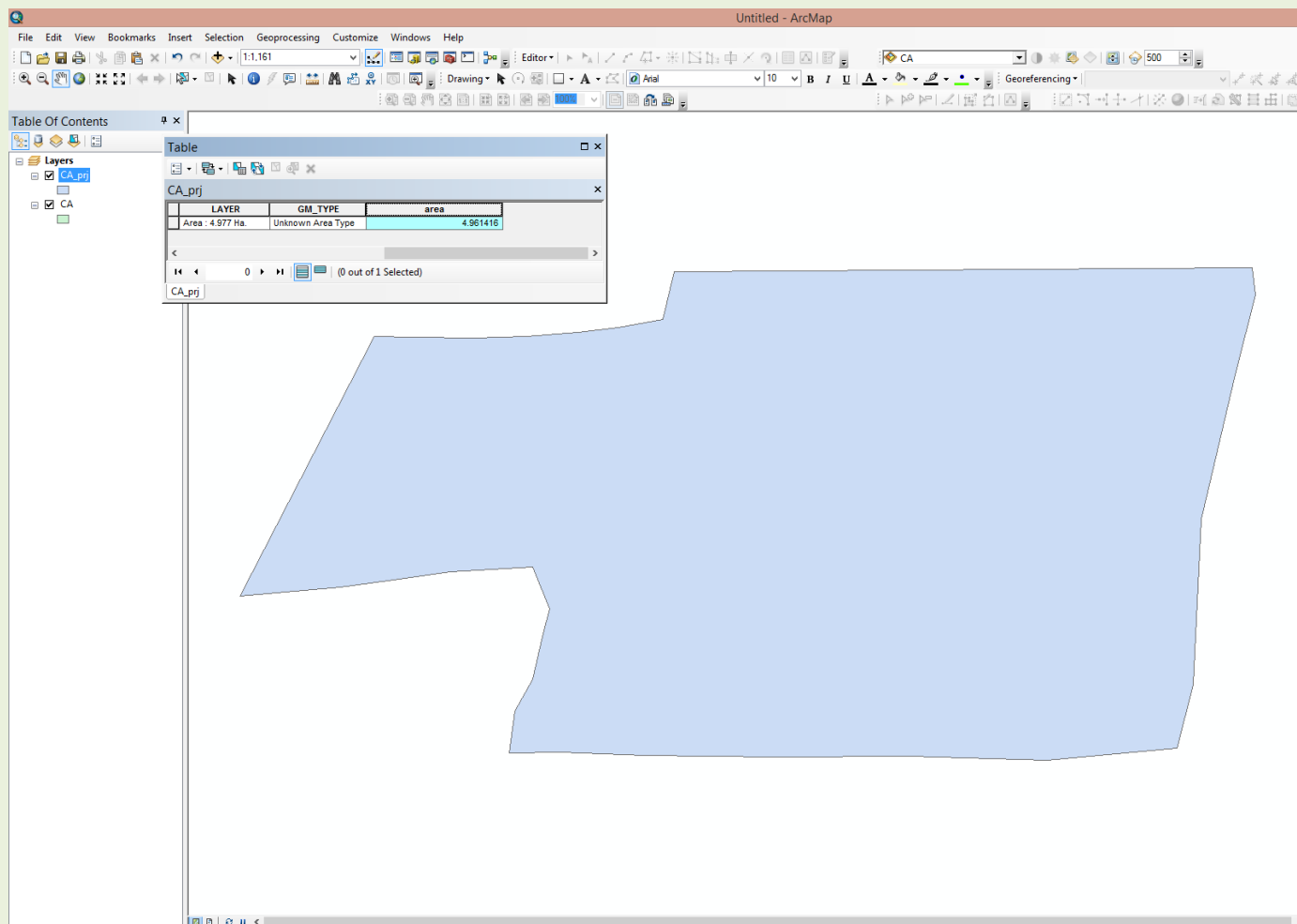
Figure: DSS View of Proposed Diversion (48.23 km away from Sardarpur WLS)

GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)

COMPENSATORY AFFORESTATION

CA Area Land Cover Information: 4.96 ha



GIS BASED DSS INFORMATION

(MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL)

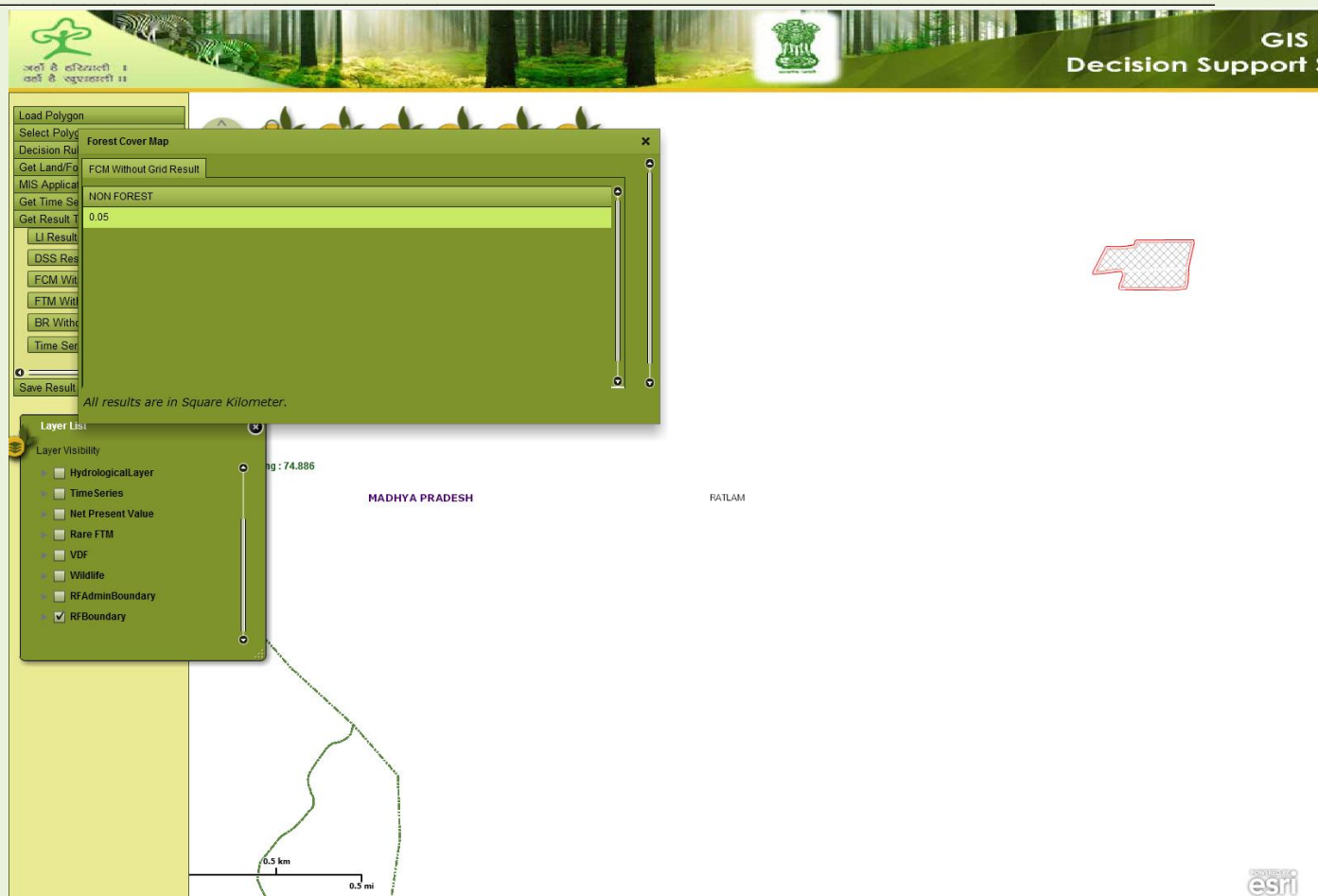


Figure: DSS view of Proposed Land for CA

Area of the Compensatory Afforestation Land (Software calculated) is 4.96 **ha**. In terms of standards followed in ISFR 2019 (interpretation of satellite data period Oct.-Dec.2017-Jan.-March, 2018) regarding density classes:

All results are in square kilometers

FCM Analysis:

Non Forest
0.05

FTM Analysis:

Non Forest
0.05

BR Analysis:

Non Forest
0.05

GIS BASED DSS INFORMATION

(*MoEF & CC, FSI, DECISION SUPPORT SYSTEM GEOPORTAL*)



Figure: Google Earth view of Proposed CA Land