

Rel.  
2020

# EPINET

Data Viewing, Loading and Downloading

User Manual

# **EPINET Rel. 2020**

## **User Manual**

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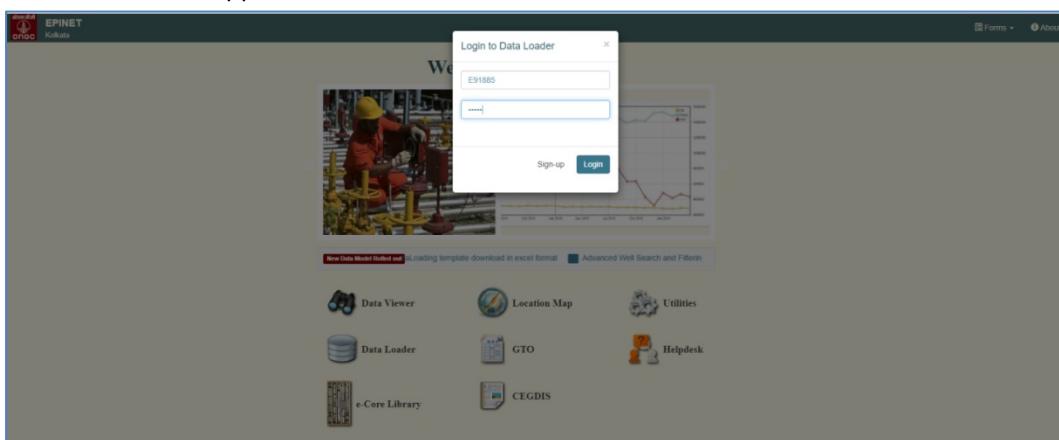
# How to Login to EPINET Portal

In order to access the E&P database login to EPINET portal (recommended browser is Google chrome).

EPINET Portal address	EPINET Site
<a href="https://epinetddn.ongc.co.in">https://epinetddn.ongc.co.in</a>	Corporate EPINET Portal, Dehradun
<a href="https://epinetjrt.ongc.co.in">https://epinetjrt.ongc.co.in</a>	EPINET, Jorhat
<a href="https://epinetmum.ongc.co.in">https://epinetmum.ongc.co.in</a>	EPINET, Mumbai
<a href="https://epinetbrd.ongc.co.in">https://epinetbrd.ongc.co.in</a>	EPINET, Baroda
<a href="https://epinetchn.ongc.co.in">https://epinetchn.ongc.co.in</a>	EPINET, Chennai
<a href="https://epinetkol.ongc.co.in">https://epinetkol.ongc.co.in</a>	EPINET, Kolkata



Login to the portal based on the approved user authentication.



If user account not available, in order to create new login account, download the user account creation from the EPINET Home page and submit the form duly approved to the regional epinet center or mail the same to epinet mailing address.



User Account creation format:

### EPINET QUALITY FORMAT

#### REQUEST FOR USER ACCOUNT CREATION

**EPINET SITE :**

To : Site Data Manager / Regional Data Manager

Kindly create a user account for access to (Select the modules mentioned below)

Data Viewer (To access E&P Data)  
 GTO Viewer (To access created GTO)  
 Documents Download  
 DTM (Data Transfer Module)  
 Data Loader (To load E&P data: Domain Experts only)  
 GTO Creator (To create GTO)

for the purpose of \_\_\_\_\_

I shall be responsible for any intentional / unintentional misuse of EPINET and data from EPINET carried out under the Username/Password assigned to me. If any errors/anomalies/data gaps are discovered while using EPINET data, I shall bring the same to the notice of SDM/RDM/Nodal Officer of EPINET in writing.

CPF No :	IP Address from
Name :	which EPINET Data :
Designation :	will be accessed
Department/Section :	Signature of user :
Location :	Date :
Mobile No :	
Recommendation :	

Date \_\_\_\_\_ Signature of Divisional Head/ Controlling Officer \_\_\_\_\_

Created User Account as approved.

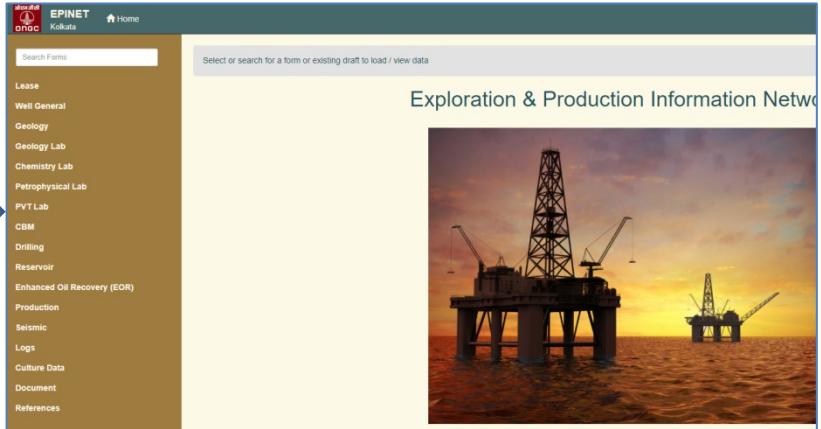
Signature of RDM / SDM / Head EPINET \_\_\_\_\_

Account Created and Username/Password provided and successfully tested.  
 Privileges Granted: \_\_\_\_\_

Signature of Database Administrator : \_\_\_\_\_  
Date : \_\_\_\_\_

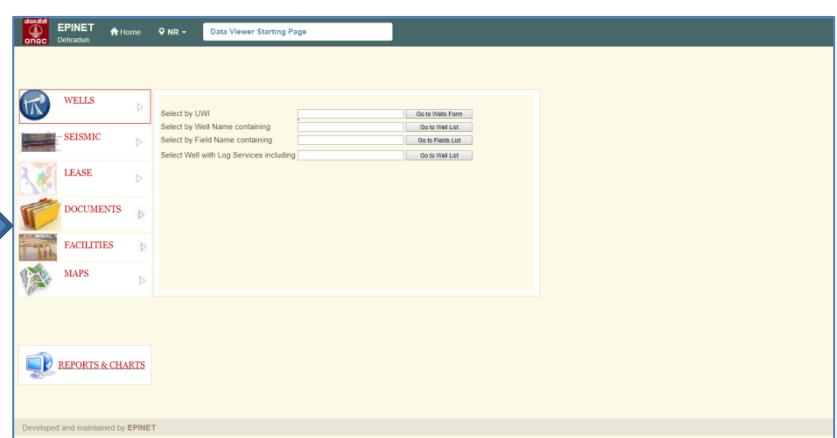
Now from the EPINET home page user can access the various modules as per their requirement

## Data Loader: To load data into EPINET

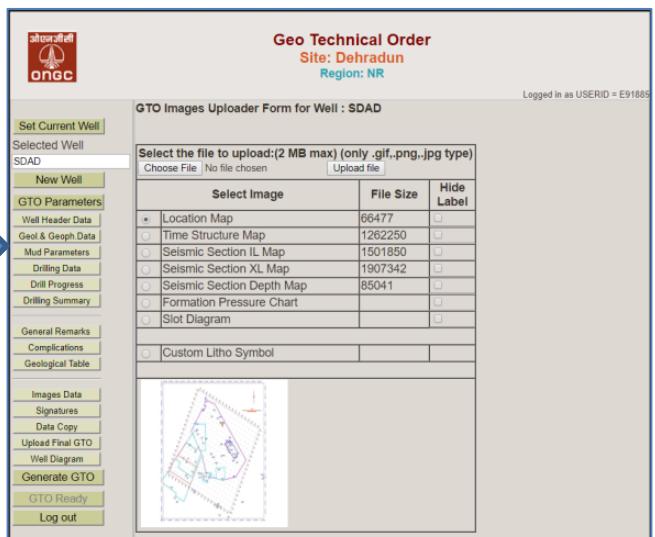
The screenshot shows the EPINET Data Loader interface on the left and the Home page on the right. The Data Loader page displays a list of wells with columns for ID, UBHI, String, and String SI, along with a pumpjack image. The Home page features a navigation menu with links like Lease, Well General, Geology, and Enhanced Oil Recovery (EOR), and a large oil rig silhouette.

**Data Viewer:** To view Data well wise or based on list of wells, download Data, generate map for viewing and printing and data transfer module.

The screenshot shows the EPINET Data Viewer interface on the left and the Data Viewer Starting Page on the right. The Data Viewer page lists wells and includes a pumpjack image. The Starting Page provides search filters for WELLS, SEISMIC, LEASE, DOCUMENTS, FACILITIES, and MAPS, along with a REPORTS & CHARTS section.

**GTO:** To generate, view and download Geo Technical Order

The screenshot shows the EPINET GTO interface on the left and the GTO Images Uploader Form on the right. The GTO page lists wells and includes a pumpjack image. The form allows users to upload geological images like Location Map, Time Structure Map, and Seismic Section IL Map, with a preview area showing a geological map.

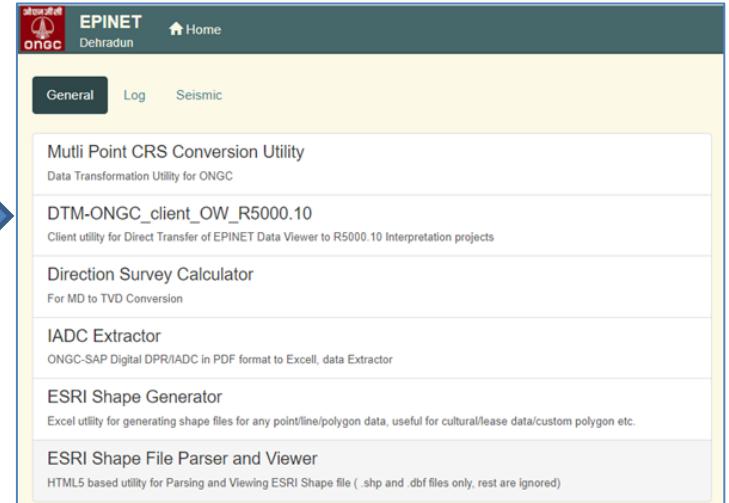
## CEGDIS: viewing and downloading geo scientific reports generated across ONGC

The diagram illustrates the transition from the EPINET interface to the CEGDIS Portal. On the left, the "Welcome to EPINET" screen is shown, featuring a table of data and various navigation links. A large blue arrow points to the right, leading to the "CEGDIS Portal" screen. The CEGDIS Portal is a search interface with sections for "Full Text Search", "Basic Search", "Reports Search", and "Seismic Search". It displays a list of geo scientific reports, such as "A BRIEF REPORT ON EXPLORATION AND PRODUCTION DATA BASE (EPDB)" and "PALEOCURRENT STUDIES OF VINDHYAN SEQUENCE AND IDENTIFICATION OF POTENTIAL RESERVOIR".

## e-Core Library : Database of physical core library and issue requisition for core sample studies

The diagram illustrates the transition from the EPINET interface to the e-Core Library Portal. On the left, the "Welcome to EPINET" screen is shown, identical to the one in the previous diagram. A large blue arrow points to the right, leading to the "e-Core Library Portal" screen. This portal features a header with the ONGC logo and navigation links for "SITE SYNOPSIS", "CORE LIBRARY", "USER MENU", and "CONTACT". Below the header, there are two image galleries showing stacks of physical core samples. A search bar at the bottom allows users to search by "Field/Well Name".

## Utilities: Software tools related to wells, logs and seismic

The screenshot shows the EPINET software interface. On the left, there is a table titled "Artificial Lift - SRP SF" with columns for ID, UBHI, String, and String St. The table contains several rows of data. On the right, there is a large image of a pumpjack at sunset. Below the table and the image are several icons: Data Viewer, Location Map, Utilities, Data Loader, GTO, Helpdesk, e-Core Library, and CEGDIS. A blue arrow points from the left screenshot to the right screenshot.

## Helpdesk: module for raising queries related to EPINET software and data.




The screenshot shows the EPINET software interface. On the left, there is a table titled "Artificial Lift - SRP SF" with columns for ID, UBHI, String, and String St. The table contains several rows of data. On the right, there is a large image of a pumpjack at sunset. Below the table and the image are several icons: Data Viewer, Location Map, Utilities, Data Loader, GTO, Helpdesk, e-Core Library, and CEGDIS. A blue arrow points from the left screenshot to the right screenshot.

The right screenshot shows the EPINET Help Desk interface. It has a header with the EPINET logo and the date "66 December 2019". Below the header, there is a "Success" message with a link "click here". There are two buttons: "Post New Problem" and "My Groups". A sidebar on the right lists "Central - Software Team", "SP-12 closer: 519 open: 79", "NB-Basis Maintenance Team", "close: 74 open: 3". The main area displays a table of support tickets:

Sr No	ID	Sector	Subject	P-Date	Deadline	Module	By	To	Status	Reply	Details	
1	2008	WR	Requirement of 3D nav in Add layer in DV maps.	06/12/2019	NVM	NVM-DV	75568	CN-S	open	0	Brief / Full	
2	2007	WR	DV maps to list of reports and charts	06/12/2019	NVM	NVM-DV	75568	CN-S	open	1	Brief / Full	
3	2006	WR	Naming problem in exported raw log files	06/12/2019	NVM	NVM-DV	94356	CN-S	open	0	Brief / Full	
4	2005	NR	Direction survey of KU-8	05/12/2019	AvD	AvD-D	96914	ER-M	Solution-Proposed	1	Brief / Full	
5	2004	ER	Error in loader forms due to unnecessary blank space	05/12/2019	IN-SW	I-FORM	127023	CN-S	Solution-Proposed	1	Brief / Full	
6	2003	ER	Unable to trace the associated file with raw dls	04/12/2019	OTH	121729	ER-M	open	5	Brief / Full		
7	2002	SR	DV Haps is not loading 3D shapes - looping?	04/12/2019	NVM	NVM-DV	94342	CN-S	close	2	Brief / Full	
8	1999	WR	unable to update users through admin page	04/12/2019	NVM	NVM-DV	94356	CN-S	Solution-Proposed	7	Brief / Full	
9	1998	SR	Indicating EPINET not available status to users	02/12/2019	OTH	94342	CN-S	open	INDR	3	Brief / Full	
10	1997	WR	Mapping of Users to new inhouse developed software	02/12/2019	NVM	NVM-MAPS	94356	CN-S	open	HEAD	6	Brief / Full

# Basic Data Access - Data Viewer

## Well Data

### Searching for a well

The screenshot shows the EPINET Data Viewer Starting Page. At the top, there is a header bar with the ONGC logo, the text "EPINET Dehradun", a "Home" link, a location dropdown set to "NR", and a search bar containing "Data Viewer Starting Page". Below the header is a sidebar on the left with various menu items: "WELLS" (selected), "SEISMIC", "LEASE", "DOCUMENTS", "FACILITIES", "MAPS", "INTPRTN.PROJECTS", and "REPORTS & CHARTS". A red arrow points from the "WELLS" menu item to a search interface on the right. This interface includes sections for "Select by UWI", "Select by Well Name containing", "Select by Field Name containing", and "Select Well with Log Services including". It also features a table with four rows, each containing a well identifier and two buttons: "Go to Wells Form" and "Go to Well List". The table data is as follows:

N-JBR	Go to Wells Form
N-JBRA-1	Go to Well List
N-JBRA-2	Go to Fields List
N-JBRA-3	Go to Well List
N-JBRA-4	Go to Well List

## Searching for a well data sub-class

Save in Excel | Save in Xml | Well at a Glance | Formation Analysis Log (under construction)

UWI	N-JBRA-2	CLASS	EXPL	HERM_TEST	06-DEC-2010
WELL_NAME	JABERA-2	WELL_TYPE	V	COMPL_DATE	06-JAN-2011
FIELD	JABERA	CR_STATUS	ABANDONED	RIG_REL	10-JAN-2011
WELL_NUMBER	R-JB-B	TARGET_DEPTH	5200	FORM_AT_TD	ARANGI SHALE
SHORT_NAME	JBRA-2	DRILLED_DEPTH	5324	GOVT_ASSI_NUM	
SHORE	ONSHORE	LOGGER_DEPTH	5211	OBJECTIVE	TO RE-VISIT JABERA STRUCTURE LOCATION TO TEST THE EQUIV.
LONGITUDE_WGS84	79.803026	KB	459.7	COMP_REMARKS	ABANDONED ON 06-01-2011
LATITUDE_WGS84	23.594073	WATER_DEPTH / GL	450.5	GTO_WELL_NAME	
SURFACE_LONG_WGS84	79.803026	RIG	E-2000-VIII		
SURFACE_LAT_WGS84	23.594073	SPUD_DATE	26-OCT-2008		

Select Data Type: Well Data

Back to Starting Page

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CBM Production

- CBM Production
- CBM Well Completion
- Casing
- Core Data
- Cuttings Data
- DGR
- Direction Survey
- Distance between wells
- Drilling Assembly
- Initial Production Testing
- LOT
- Log Curves - Composite
- Log Curves - Conditioned
- Log Curves - Processed
- Log Curves - Raw logs
- Log Files - Raw (Original)
- Log Parameters - All recorded BHT
- Log Parameters - Maximum recorded temperature (BHT)
- Log Print Associated with Original Logs
- Log Print from Prosource Logs

Check here for Data Availability

Go

Data Availability

Data Classes

## Checking Data Availability

Back to Starting Page

Back to Previous Page

Data for UWI N-JBRA-2

Data Class	Data Type	Records
Well Completion	CBM Production	
Well Completion	CBM Well Completion	
Well Completion	Casing	
Well Completion	Core Data	21
Well Completion	Cuttings Data	1841
Well Completion	DGR	1713
Well Completion	Direction Survey	
Well Completion	Distance between wells	166
Well Completion	Drilling Assembly	
Well Completion	Initial Production Testing	1
Well Completion	LOT	
Well Completion	Log Curves - Composite	108
Well Completion	Log Curves - Conditioned	
Well Completion	Log Curves - Processed	
Well Completion	Log Curves - Raw logs	116
Well Completion	Log Files - Raw (Original)	11
Well Completion	Log Parameters - All recorded BHT	4
Well Completion	Log Parameters - Maximum recorded temperature (BHT)	
Well Completion	Log Print Associated with Original Logs	2
Well Completion	Log Print from Prosource Logs	
Well Completion	Logging Parameters - Raw logs	488
Well Completion	Logs Recorded	14

## Downloading Report

ओंगडी एनेट  
ONGC EPINET Dehradun Home NR Well Page

[Back to Starting Page](#)  
[Back to Previous Page](#)

**WCR and other reports Data for UWI N-JBRA-2** [List of Wells in the same field having WCR and other reports data](#)

[Save in Excel](#) [Save in ASCII](#) [Save in XML](#) [Visualize Data \(beta\)](#) Page 1 of 1 Set Page size 30

S1.	NAME	TITLE	SUBJECT	DOCUMENT_TYPE	FILE_FORMAT	DOCUMENT	REMARKS
1.	N-JBRA-2			WCR with FER	ZIP	<a href="#">report</a>	WCR

Select Data Type [Well Data](#)  [WCR and other reports](#) Go

[Back to Well main page](#)  
[Back to Previous Page](#)  
[Back to Starting Page](#)

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## Lease Data

### Listing and finding data in Lease

WELLS

SEISMIC

**LEASE**

DOCUMENTS

FACILITIES

MAPS

Select Lease Name containing  Go to Lease List

Back to Starting Page

**Lease with name containing**

ACTION	ACTION	ACTION	ACTION	LEASE_ID	BLOCK_TYPE	MIN_REF_NO	STATE_CODE	PROJECT
Polygon	Documents	Wells	Lines	DAMOH-JABERA-KATNI	PL	NA	MP	NR
Polygon	Documents	Wells	Lines	KANGRA-MANDI-PL	PL	NA		NR
Polygon	Documents	Wells	Lines	REL-POONCH-RAJOURI	PL	NA		NR
Polygon	Documents	Wells	Lines	VN-ONN-2009/3	NELP	NA		NR
Polygon	Documents	Wells	Lines	REL-RAMPUR-PACHMARHI-ANHONI	PL	NA	MP	NR
Polygon	Documents	Wells	Lines	VN-ONN-2004/1	NELP	NA	RAJ	NR
Polygon	Documents	Wells	Lines	*MNGL ML	ML	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*RJ-ON-6	PRE	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*RJ-ON-90/1A	PRE	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*RJ-ON-90/1B	PRE	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*RJ-ONN-2002/1	NELP	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*RJ-ONN-2005/1	NELP	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*RJ-ONN-2005/3	NELP	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*S_KRTR ML A	ML	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*SDWL MF	MF	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*BANKIA PMF	PMF	NA	RAJ	JODH
Polygon	Documents	Wells	Lines	*BGYM_SKTI ML	ML	NA	RAJ	JODH

# Log Data

## Downloading and Viewing

The screenshot shows the EPINET Data Viewer Starting Page. At the top, there's a header with the ONGC logo, the text "EPINET Jorhat", a "Home" button, and an "ER" button. To the right of the header is a search bar containing "Data Viewer Starting Page". Below the header is a sidebar with several categories: "WELLS" (selected), "SEISMIC", "LEASE", "DOCUMENTS", "FACILITIES", "MAPS", and "INTPRTN\_PROJECTS". On the right side of the page, there's a large input field labeled "Select by UWI" with a placeholder ". . ." and a "Go to Wells Form" button. Below it are three more input fields: "Select by Well Name containing", "Select by Field Name containing", and "Select Well with Log Services including", each with a "Go to Well List" button next to it.

Select Well Option and Select or give UWI of the desired well

E.g. E-BRHL-37

Following displayed page will show Well Header details for confirmation.

The screenshot shows the Well Header Page for well E-BRHL-37. The header includes the ONGC logo, "EPINET Jorhat", a "Home" button, an "ER" button, and the title "Well Header Page". Below the header is a table with the following data:

UWI	E-BRHL-37	CLASS	EXPL	HERM_TEST	15-JUN-1995
WELL_NAME	BRHL-37	WELL_TYPE	D	COMPL_DATE	22-MAY-1995
FIELD	BORHOLLA	CR_STATUS	OIL	RIG_REL	16-SEP-1995
WELL_NUMBER	BHK	TARGET_DEPTH	2800	FORM_AT_TD	BASEMENT
SHORT_NAME	BR-37	DRILLED_DEPTH	3042.5	GOVT_ASSI_NUM	NZR/GEOL/14(EXPL-REL)90-91
SHORE	ONSHORE	LOGGER_DEPTH	3042.5	OBJECTIVE	TO EXPLORE HYDRO. PROSPECT OF BASEMENT AND PRE-BARAIL SEDIMENTS OF AN INDEPENDENT FAULT BLOCK
LONGITUDE_WGS84	94.170912	KB	111.1	COMP_REMARKS	OIL WELL IN SYLHET
LATITUDE_WGS84	26.426031	WATER_DEPTH / GL	101.2	GTO_WELL_NAME	
SURFACE_LONG_WGS84	94.171456	RIG	E-760-X		
SURFACE_LAT_WGS84	26.43311	SPUD_DATE			30-NOV-1994

Below the table are buttons for "Select Data Type" (Well Data, Log Curves - Composite, etc.), "Check here for Data Availability", "go back to wells list", and "Back to Starting Page".

Select Data Type as 'Well Data' and sub-type as 'Log Curves Composite' for downloading Composite Logs. Similarly, can select other type of Logs viz. Conditioned/Processed/Raw if required for down loading.

Following displayed page will show curve details:

EPINET  
Jorhat

Home ER Well Page

Back to Starting Page  
Back to Previous Page

Log Curves - Composite Data for UWI E-BRHL-37 List of Wells in the same field having Log Curves - Composite data

Download Selected curves (in LAS) Select Page  Select All Pages  Option MD  
Save in Excel Save in ASCII Save in XML Visualize Data (beta) Page 1 of 1 Set Page size 30

SL	Select	TRACE_ID	TRACE_TYPE	SET_ID	POSITION_IN_SET	SOURCE	TOP	BOTTOM	DEPTH_INCR	TRACE_UNIT	VERSION	MIN_VALUE	MAX_VALUE	MEAN_VALUE	SAMPLE_COUNT
.	<input checked="" type="checkbox"/>	4350824	CALS	4350822	2	Composite	106.459	3050.3698	0.1524	IN	1	7.4688	21.2898	11.8107090438473	19318
.	<input checked="" type="checkbox"/>	24402350	CALS	24402348	2	Composite	100.668	3056.0088	0.1524	IN	2	7.4688	21.287	11.8112168737702	19393
.	<input checked="" type="checkbox"/>	3746697	DEPT	3746696	1	Composite	106.459	3050.3698	0.1524	M	1				
.	<input checked="" type="checkbox"/>	4350823	DEPT	4350822	1	Composite	106.459	3050.3698	0.1524	M	2				
.	<input checked="" type="checkbox"/>	4350825	DT	4350822	3	Composite	106.459	3050.3698	0.1524	US/FT	1	24.6807	200.503	103.914648746651	19318
.	<input checked="" type="checkbox"/>	24402351	DT	24402348	3	Composite	100.668	3056.0088	0.1524	US/FT	2	38.74	200.4754	103.922224590948	19393
.	<input checked="" type="checkbox"/>	4350826	GR	4350822	4	Composite	106.459	3050.3698	0.1524	GAPI	1	17.1083	417.2367	65.872946812263	19318
.	<input checked="" type="checkbox"/>	24402352	GR	24402348	4	Composite	100.668	3056.0088	0.1524	GAPI	2	17.1087	417.2081	65.8657062156274	19393
.	<input checked="" type="checkbox"/>	4350827	LLD	4350822	5	Composite	106.459	3050.3698	0.1524	OHMM	1	1.5805	13095.3076	63.7272881193783	19318
0	<input checked="" type="checkbox"/>	24402353	LLD	24402348	5	Composite	100.668	3056.0088	0.1524	OHMM	2	1.5806	13094.1923	63.6785933645346	19393
1.	<input checked="" type="checkbox"/>	4350828	LLS	4350822	6	Composite	106.459	3050.3698	0.1524	OHMM	1	1.5757	12966.4727	61.5466512373921	19318
2.	<input checked="" type="checkbox"/>	24402354	LLS	24402348	6	Composite	100.668	3056.0088	0.1524	OHMM	2	1.5758	12964.7146	61.4552068587177	19393
3.	<input checked="" type="checkbox"/>	24402349	MD	24402348	1	Composite	100.668	3056.0088	0.1524	M	1				
4.	<input checked="" type="checkbox"/>	4350829	MSFL	4350822	7	Composite	106.459	3050.3698	0.1524	OHMM	1	0.2466	159.0987	11.7493579390663	19318
5.	<input checked="" type="checkbox"/>	24402355	MSFL	24402348	7	Composite	100.668	3056.0088	0.1524	OHMM	2	0.2471	159.073	11.747245171858	19393
6.	<input checked="" type="checkbox"/>	4350830	NPHI	4350822	8	Composite	106.459	3050.3698	0.1524	MS/M3	1	-0.0007	0.6979	0.260304114498141	19318
7.	<input checked="" type="checkbox"/>	24402356	NPHI	24402348	8	Composite	100.668	3056.0088	0.1524	MS/M3	2	-0.0007	0.6979	0.260359818731118	19393
8.	<input checked="" type="checkbox"/>	4350831	RHOB	4350822	9	Composite	106.459	3050.3698	0.1524	G/CM3	1	1.0484	2.8337	2.3145703066145	19318
9.	<input checked="" type="checkbox"/>	24402357	RHOB	24402348	9	Composite	100.668	3056.0088	0.1524	G/CM3	2	1.0484	2.8337	2.31450680920288	19393
0.	<input checked="" type="checkbox"/>	4350832	SP	4350822	10	Composite	106.459	3050.3698	0.1524	MV	1	-62.2813	97.7836	3.72084325880564	19318
1.	<input checked="" type="checkbox"/>	24402358	SP	24402348	10	Composite	100.668	3056.0088	0.1524	MV	2	-62.2809	97.7836	3.72329544982825	19393

Select Data Type Well Data Log Curves - Composite Go

Back to Well main page Back to Previous Page Back to Starting Page

To select the desired curves 'tick' the check boxes.

To select all the curves 'tick' Select Page.

In case output is required in TVD, select Option in the list as TVD by default it is MD.

EPINET  
Jorhat

Pse Selected Curves Las File Unloader

Curves Downloaded for UWI:E-BRHL-37

No.	Traces	LAS File	View Curve
1	DT.,GR.,NPHI.,SP.,CALS.,GR.,LLD.,LLS.,MSFL.,RHOB.	Right click to download	Click to view Curve

Following Page will be displayed

Shows the selected traces.

Gives two output options:

- Download LAS File – Select 'Right click to download'
- View Curve – Select 'Click to view curve'

## LAS output File:

```

< > C < epinetjrt.ongc.co.in/download/24402326_BR_37_2020415112154.LAS

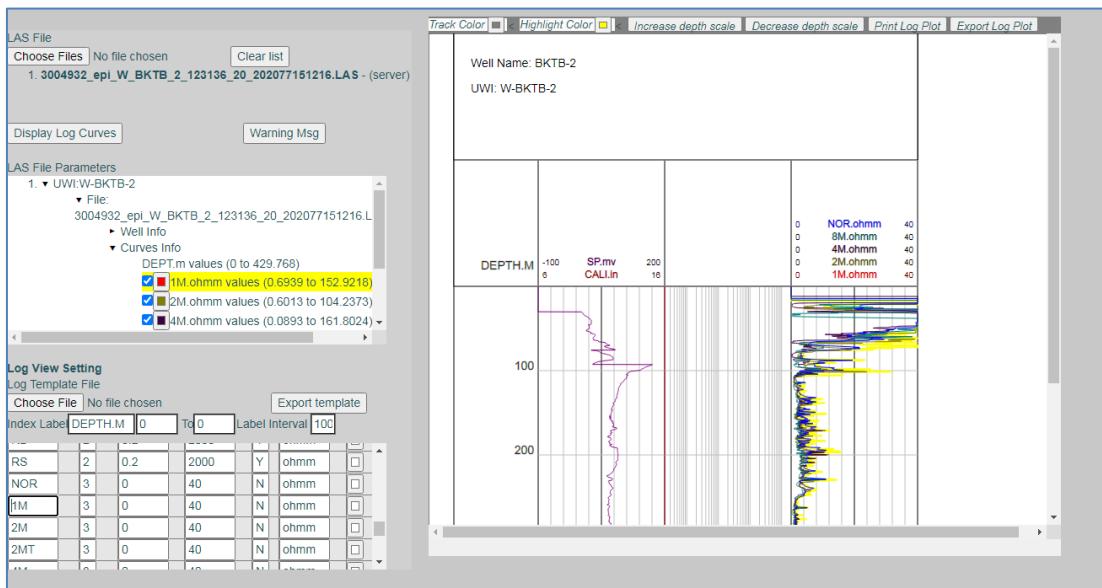
~Version
VERS.          2.0
WRAP.         NO
DLS.           SPACE
~Well Information
STRT.M       100.66800
STOP.M      3056.00880
STEP.M       0.15240
NULL.        -9999
COPP.        :
WELL.        BR-37
FLD.          Borholla
LOC.          :
PROD.        :
SRVC.        :
DATE.        :
UNI.          BR-37
API.          :
CNTY.        :
CTRY.        :
LIC.          :
ORIGINALWELLNAME. BR-37
STAT.        :
~Parameter Information Block
SET.          Merged_Set
TLEFamily_GALS_Merged .GALS.:
TLEFamily_DT_Merged .DT.:
TLEFamily_GR_Merged .GR.:
TLEFamily_LLD_Merged .LLD.:
TLEFamily_LLS_Merged .LLS.:
TLEFamily_MD .MD.:
TLEFamily_MSFL_Merged .MSFL.:
TLEFamily_NPHI_Merged .NPHI.:
TLEFamily_RHOB_Merged .RHOB.:
TLEFamily_SP_Merged .SP.:
~Curve Information
ID.m          .m
CAL.S,IN     .IN
DT.US/F     .US/F
GR,GAPI    .GAPI
LLD.OHMm   .OHMm
LLS.OHMm   .OHMm
MSFL.OHMm  .OHMm
NPHI,V/V   .V/V
RHOB,G/C3  .G/C3
SP,m        .m
~Ascii Log Data
100.66800 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
100.82040 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
100.97280 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
101.12520 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
101.27760 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
101.43000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
101.58240 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
101.73480 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
101.88720 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
101.93960 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
102.19200 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
102.34440 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
102.49680 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000
102.64920 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000 -9999.00000

```

Processed Logs and Conditioned Logs can be downloaded in similar manner. In case of Raw Logs, since DLIS or LIS files are large in size, are down loaded to ftp server. From ftp server can be transferred to other machine/workstation through ftp or FileZilla.

## LAS Viewer

Las file being viewed using LAS HTML Viewer



## Seismic Data

### Searching and Downloading

The screenshot shows the EPINET Data Viewer Starting Page. On the left, there's a sidebar with icons for WELLS, SEISMIC, LEASE, DOCUMENTS, FACILITIES, MAPS, and INTPRTN PROJECTS. The SEISMIC item is highlighted with a red box and has a red arrow pointing to it from the top right. To the right of the sidebar is a search bar with dropdown options: 3D Seismic Surveys, 3D Survey Boundary, 3D Seismic Surveys, 2D Nav Lines, 2D Seismic Survey (which is selected and highlighted with a blue box), 2D Seismic Line, and 2D Seismic Lines (csv). A large empty area is to the right of the search bar.

### 3D Survey details

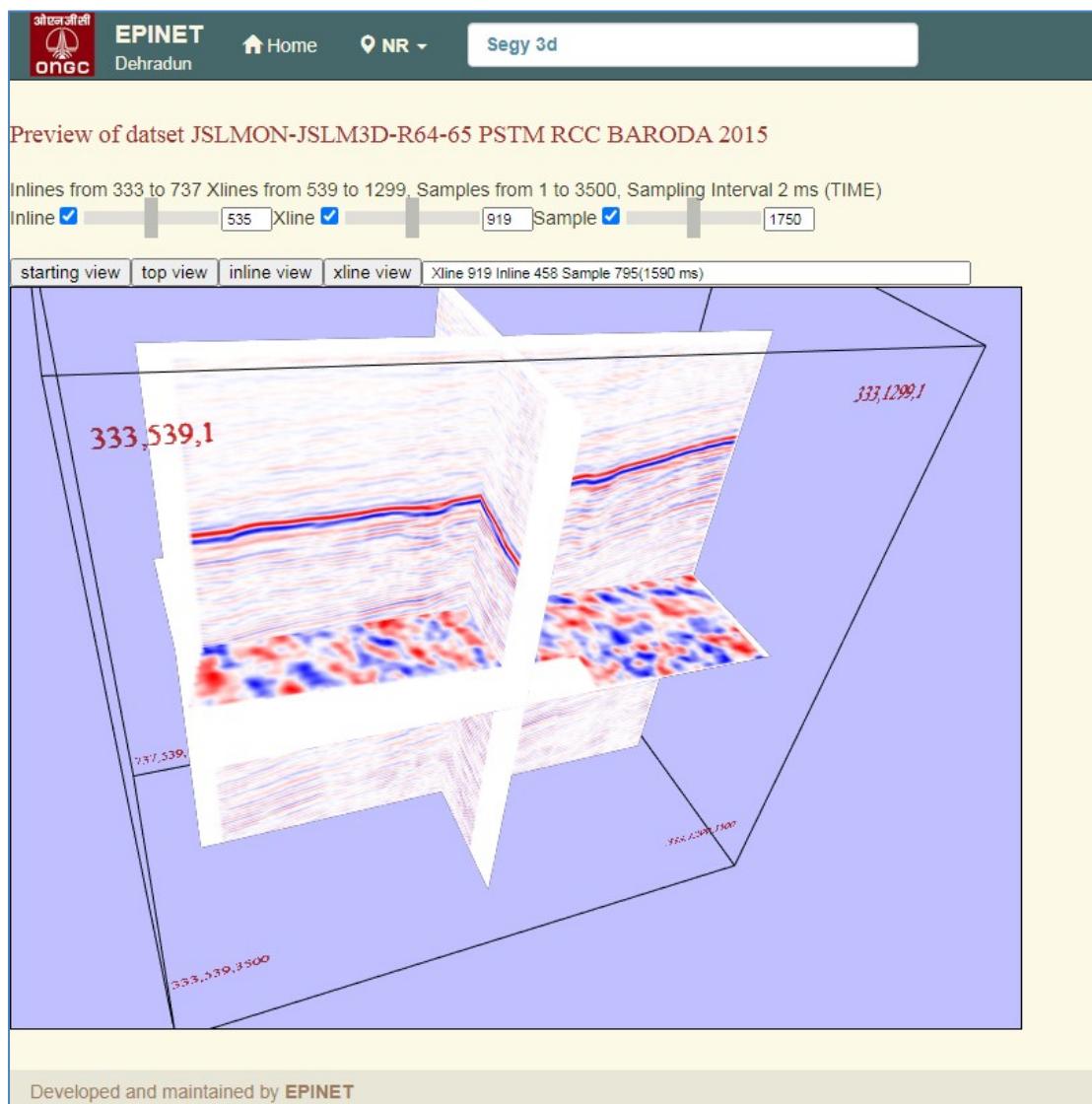
The screenshot shows the Seismic Navigation Page. At the top, there are links for Back to Starting Page and Back to Previous Page. Below that, it says "Seismic 3D Survey Details Data for Survey: JSLMON-JSLM3D-R64-65". There are checkboxes for "Download Selected SEGY files" and "Select All". A dropdown menu for "Projection System" is set to "KALIANPUR\_1962\_UTM\_ZONE\_44N". It also shows "Minimum values" and "Maximum values" fields. A table below lists survey details: Sl. No., PROJECT (RJ), SURVEY (JSLMON-JSLM3D-R64-65), DATASET (PSTM;SEGY;V=RCC BARODA 2015;SR=2.0;NS=3500;SF=32-BIT FLOAT IBM), and FIL (333), FXL (539), LIL (737), LXL (1299), STAGE (PSTM), and VERSION (RCC BARODA 2015). At the bottom, there's a "Select Form" dropdown set to "Seismic 3D Surveys" with a "Go" button, and links for Back to Previous Page and Back to Starting Page.

### Download and View options

VERSION	PART_NO	ID	HEADER	LINK	SEGY_VIEW	LAST_MODIFIED_ON
RCC BARODA 2015	1	907347	EBCDIC Header	Download SEGY	View SEGY	05-Sep-17 3:31:28 PM

# 3D SEGY Viewer

Preview of a 3D Inlines – Cross Lines



Developed and maintained by EPINET

# GTO

Login to EPINET Portal <https://epinetddn.ongc.co.in>



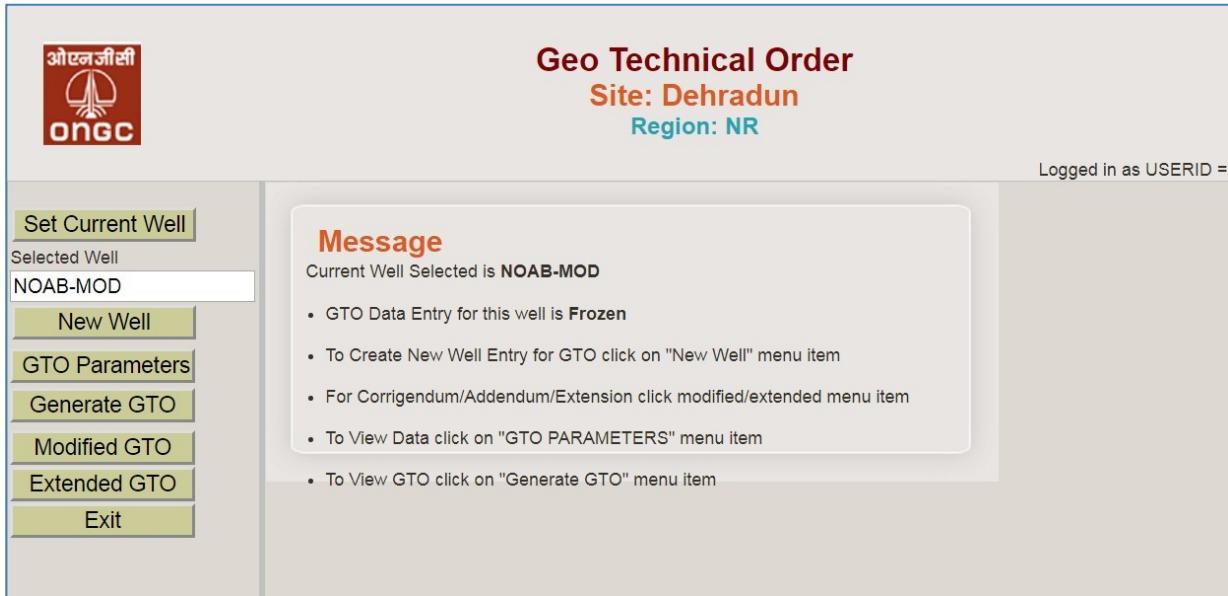
Go to GTO Node



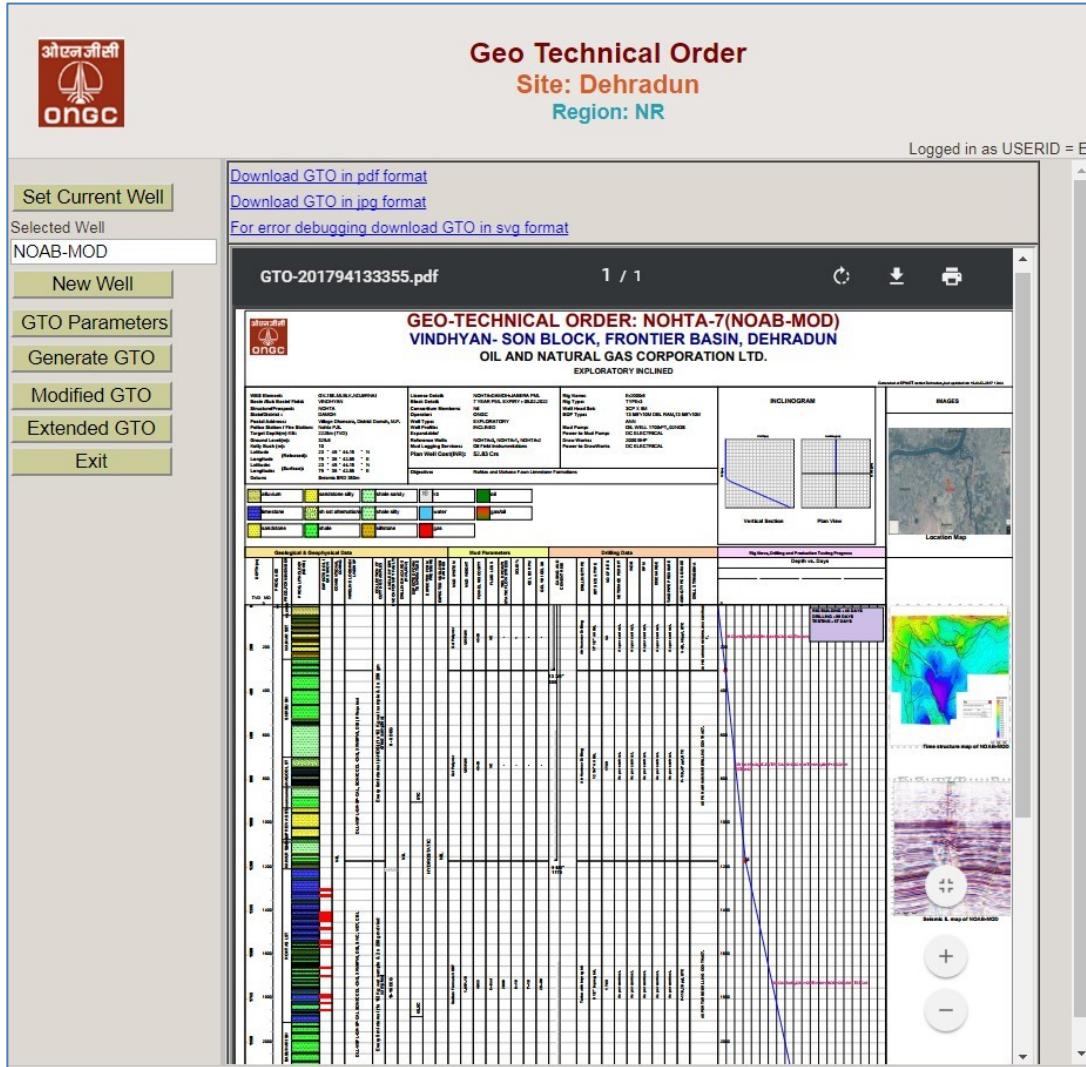
Click on Set Current Well and select the Well from the dropdown list



The Well name will be displayed under the **Selected Well** along with its message in the Message Box



The Displayed GTO can now be downloaded either as pdf or jpg format file for further use.



The above sequence can be followed to display and download GTO of other wells. Click on Exit once done.

# Advanced Data Viewing Tools

## Reports & Charts

Reports is a simple, intuitive interface which provides advanced download options in a single-window. You can download *all* well data classes for *multiple* wells in a single interface. Download of documents, Raw and Composite logs are also possible. Reports is also connected with DV Maps through which all data can be visualised and downloaded.

## Layout

Below is a screenshot of the Reports interface

The screenshot shows the EPINET Reports & Charts interface. At the top, there's a navigation bar with the EPINET logo, 'EPINET Dehradun', and links for 'Home', 'WR', 'Reports & Charts', 'Help', and a user account. Below the navigation is a toolbar with buttons for 'My Lists', 'Reports', 'Charts', 'Documents', 'Log Data', 'View List Items on Map', 'Show/Hide DataList', and 'View Download Jobs'. A search bar and filter options are also present. The main area is a data grid titled 'Wells' with columns for Well Name, Field, Project, Class, Spud Date, Tar..., and Longit.... The sidebar on the right contains sections for 'File' (with 'Name' checked) and 'Wells' (with 'Name' checked). At the bottom, it says '1-15 of 8,598' and 'Search took 0 sec'.

The interface has a 3-section layout with each layout buttons having specific functionality as shown below:

### 1. Search & Select

### 2. Save & Share

### 3. View & Export

The diagram illustrates the 3-section layout of the Reports interface. The central part shows the 'SEARCH & SELECT' functionality, featuring a large 'SEARCH & SELECT' watermark over the well data grid. The left section shows the 'VIEW & EXPORT' functionality, and the right section shows the 'SAVE & SHARE' functionality. The overall layout remains the same as the first screenshot, with the navigation bar, toolbar, and sidebar.

# 1. Search & Select

The select area allows you to search and browse the following data

- Wells
- Lease Data
- 2D Survey & Navigation data
- 3D Survey and Boundary data
- Custom polygon and point data

The selection area also gives you multiple search options to filter wells or lease or seismic surveys according to your criteria. The following search options are available:

## Basic quick-search

This is the basic search option available. This searches all well name columns (Release Name, Field Name and Proposed name) and quickly lists all results.

The screenshot shows two panels. The left panel is a search interface with tabs for 'Wells', 'Lease', '2D Lines', and '2D Nav'. A search bar contains 'dmoh'. The right panel is a table with columns: Well Name, Release Name, Field Name, and a checkbox column. It lists several wells starting with 'dmoh': N-ADMR-1, N-BNDA-1, N-CHGT-1, N-CTGM-2, and N-DMOH-4.

	Well Name	Release Name	Field Name
<input type="checkbox"/> UBHI			
<input type="checkbox"/> N-DMOH-1	DAMOH-1	DAMO	NG ADAMPUR
<input type="checkbox"/> N-DMOH-2	DAMOH-2		R-BD-A... BANDA
<input type="checkbox"/> N-DMOH-3	DAMOH-3	RDME	CHANG... CHANGARTA...
<input type="checkbox"/> N-DMOH-4	DAMOH-4	R-DM	NG CHATTAGRAM
			R-DM-D DAMOH

## Multi-item Search

Often, there is a need to search for multiple items. The multi-search option can be used for the same. It can search for multiple strings in multiple fields.

The screenshot shows a search interface with tabs for 'Wells', 'Lease', '2D Lines', '2D Nav', '3D Surveys', '3D Boundary', and 'Custom'. A search bar contains '[Multiple Fields]'. The search parameters are set to 'Field: All Name Fields' and 'Find: contains'. The search results table shows wells containing either 'RDMB' or 'RJBC': N-DMOH-3 and N-JBRA-3.

	Well Name	Release Name	Field Name
<input type="checkbox"/> UBHI			
<input type="checkbox"/> N-DMOH-3	DAMOH-3	RDME	DAMO
<input type="checkbox"/> N-JBRA-3	JABERA-3	RJBC	JABE

The screenshot shows three panels illustrating the search dropdowns. The first panel shows the 'Field' dropdown expanded to show options like 'All Name Fields', 'ID', 'UBHI', etc. The second panel shows the 'Find' dropdown expanded to show options like 'contains', 'exact match', 'begins with', and 'ends with'. The third panel shows the search results table with the same data as the previous screenshot.

	Well Name	Release Name	Field Name
<input type="checkbox"/> UBHI			
<input type="checkbox"/> N-DMOH-3	DAMOH-3	RDME	DAMO
<input type="checkbox"/> N-JBRA-3	JABERA-3	RJBC	JABE

## Common well filters

For filtering wells based on some commonly queried condition, 3 filters are given: Field, Formation and Well Log

The screenshot shows the EPINET software interface for managing geological data. At the top, there's a navigation bar with tabs like 'Wells', 'Lease', '2D Lines', etc. Below the navigation bar is a search bar labeled 'Filter wells containing formation' with a dropdown menu set to 'All Fields'. A red box highlights the 'Filter Well' button next to the search bar. The main area contains a table of well data with columns for 'UBHI', 'Well Name', and 'Release Name'. A red box highlights the 'Formation / Well Zone' section of the filter dropdown menu. Another red box highlights the 'filtered wells' table, which lists 137 wells from the BANDAH FORMATION. The bottom right corner shows a smaller search results window for 'Name'.

After selecting a filter, you can select the values based on which you want to filter wells and then click on **Filter wells** to see the filtered result

## Advanced well filtering

Advanced filters allow you to search for wells using customized conditions. Queries like the following are possible:

- Wells passing through basement formation
- Wells with depth between 3000 and 4000
- Wells containing specific Lab data

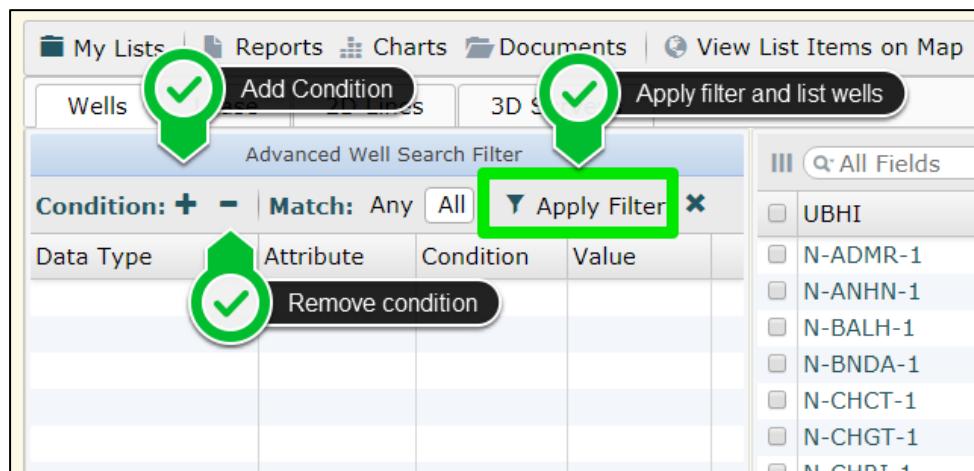
The workflow to use advanced filters is as follows:

This screenshot shows the EPINET software interface with a focus on advanced filtering. The top navigation bar includes 'Wells', 'Lease', '2D Lines', and '3D Surveys'. Below the navigation bar is a search bar with 'All Fields' selected. A red box highlights the 'Advanced Filter' option in the filter dropdown menu. The main area displays a table of well data with columns for 'UBHI', 'Well Name', 'Releas...', 'Field', and 'Spud Date'. The table lists various wells across different fields like ADAMPUR, ANHONI, BALH, BANDA, CHECHAT, CHANGARTA, CHERI, CHATTAGRAM, DAMOH, and NR.

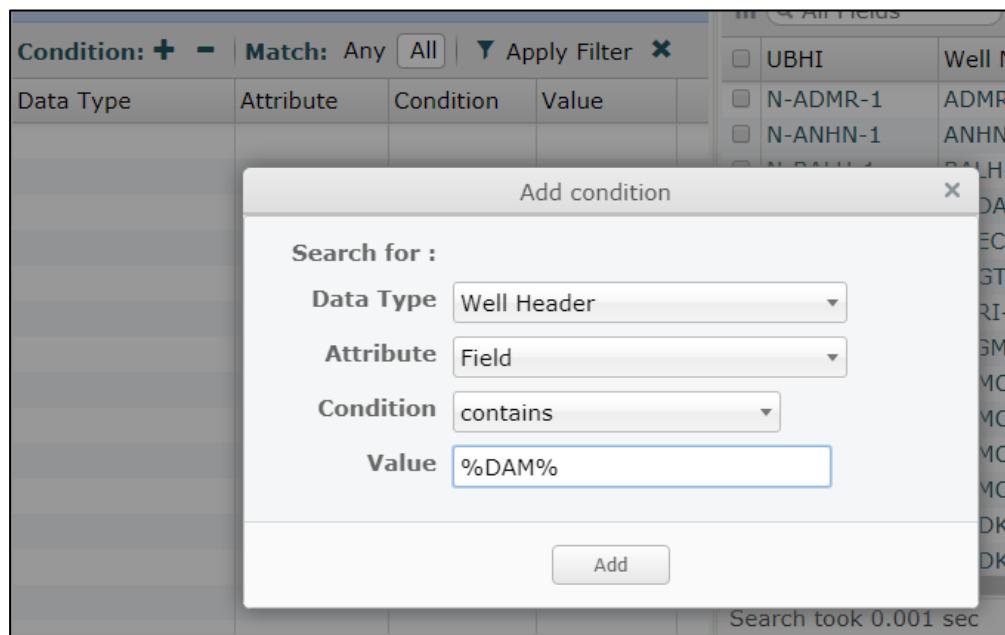
Now, filter window opens at the left pane

UBHI	Well Name	Release Date
N-ADMR-1	ADMR-1	NG
N-ANHN-1	ANHN-1	NAWC
N-BALH-1	BALH-1	
N-BNDA-1	BNDA-1	R-BD-A
N-CHCT-1	CHECHAT-1	R-CH-A
N-CHGT-1	CHGT-1	CHANG
N-CHRI-1	CHRI-1	CHERI
N-CTGM-2	CTGM-2	NG
N-DMOH-1	DAMOH-1	DAMOH
N-DMOH-2	DAMOH-2	

Following are the options:



Click + to specify condition and add it to filter. For e.g.



Finally, click **Apply Filter** to see results:

The screenshot shows the 'Advanced Well Search Filter' dialog. The 'Match' dropdown is set to 'All'. A table below shows the search criteria: 'Data Type' is 'Well Header' and 'Field' is 'contains', with the value '%DAM%'. To the right is a list of wells matching this filter.

UBHI	Well Name	Releas...	Field
N-ADM-R-1	ADM-R-1	NG	ADA
N-DMOH-1	DMOH-1	DAMO...	DAM
N-DMOH-2	DMOH-2	DAMO...	DAM
N-DMOH-3	DMOH-3	RDMB	DAM
N-DMOH-4	DMOH-4	R-DM-D	DAM

Multiple conditions can also be added. Match value has two options (when multiple conditions are added)

- Any - Lists a well if any of the conditions are fulfilled
- All - Lists a well only if all the listed conditions are fulfilled (This is the default filter option)

The screenshot shows the 'Advanced Well Search Filter' dialog. The 'Match' dropdown is set to 'All'. A tooltip 'For multiple conditions' points to the 'Match' dropdown. To the right is a list of wells.

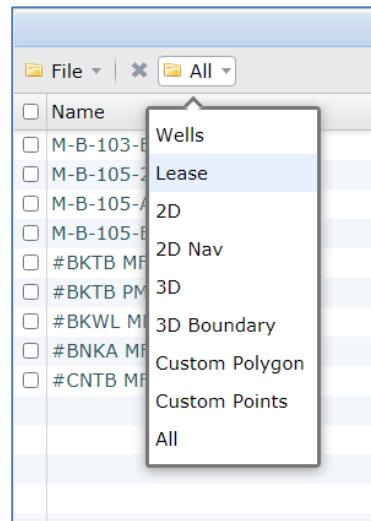
UBHI
N-ADM-R-1
N-ANHN-1
N-BALH-1
N-BNDA-1
N-CHCT-1
N-CHGT-1
N-CHPT-1

## 2. Save & Share

Once you select data of interest, you can click on the **Add to List** icon to move your selection to a **DataList**. A **DataList** in reports is similar to a shopping cart where you can keep adding all the data you are interested in.

The screenshot shows a table of well data with several rows selected. A red box highlights the '+ Add to List' button in the toolbar above the table. A red arrow points from this button to a red box labeled 'DataList' on the right, which contains a list of selected items: M-B-103-B-103-2, M-B-105-2, M-B-105-A1, and M-B-105-B-105-3.

A DataList can contain any type of data that you can select – Well, Seismic or Lease or Polygon.



After adding to **DataList**, you can save it for later use. You can save a *public* or a *private* DataList. **Public data-lists** are visible to all users whereas private data-lists are available only for your use.

The screenshot shows the DataList Manager interface. On the left is a table listing various DataLists with columns for #, List Name, Owner, Region, Created on, Last update..., Public, and a delete icon. A red arrow points from the 'List Name' input field at the bottom left to the 'Save List' option in the context menu. Another red arrow points from the 'File' dropdown in the top right to the 'Save List' option. The context menu also includes 'New List', 'Open List', and 'Save List as'.

#	List Name	Owner	Region	Created on	Last update...	Public	
1	AMBD_wells_FER_list	E125649	WR	31-Aug-2017	31-Aug-2017	n	
2	NNDJ_FER	E125649	WR	31-Aug-2017	31-Aug-2017	y	
3	Toufikh1 - RHOB ALL	E125649	WR	29-May-2018	29-May-2018	y	
4	Toufikh1 - ZDEN EXPL	E125649	WR	29-May-2018	29-May-2018	y	
5	Toufikh1	E125649	WR	29-May-2018	29-May-2018	y	
6	AMBD_Wells_Charts	E125649	WR	28-Feb-2020	28-Feb-2020		
7	shukla_well_3d_temp	E125649	WR	27-Oct-2017	27-Oct-2017	n	

To retrieve a saved data-list, you can click on My Lists and Load a list

The screenshot shows the DataList Manager interface. On the left is a table listing various DataLists with columns for #, List Name, Owner, Region, Created on, Last update..., Public, and a delete icon. A green checkmark icon is placed over the first row ('maptest1'). A red arrow points from the 'Load' button in the toolbar to the 'Load' option in the context menu. The context menu also includes 'My Lists', 'New List', 'Open List', and 'Save List as'. A red arrow points from the 'File' dropdown in the top right to the 'Load' option. The context menu for 'maptest1' lists items like RAJ3D-R63, RAJ3D-R64, etc.

#	List Name	Owner	Region	Created on	Last update...	Public	
1	maptest1	E125649	NR	29-Nov-2019	29-Nov-2019	n	
2	test2d3d	E125649	NR	29-Nov-2019	29-Nov-2019	n	
3	SR_List	E125649	NR	27-May-2020	29-May-2020	y	
4	test4	E125649	NR	16-Dec-2019	16-Dec-2019	n	
5	mud_param_chart	E125649	NR	14-Mar-2018	14-Mar-2018	y	
6	devmaptest	E125649	NR	06-Jan-2020	06-Jan-2020	n	
7	My_list_1	E125649	NR	04-Mar-2020	04-Mar-2020	n	
8	t2	E125649	NR	03-Feb-2020	03-Feb-2020	n	
9	test_test	E125649	NR	03-Dec-2019	03-Dec-2019	n	

### 3. View & Export

Once you have added items to data-list, you can use the icons in **View & Export** area to retrieve data in various formats as per your need. Export options give you the following functionality:

- i. Export Well Data to Excel file (Reports)
- ii. Create KML file for viewing in Google Earth
- iii. Visualize Data online
- iv. Export Documents and reports (WCR, FER, Core Reports, Lab reports, etc.)
- v. Export Log – Raw, Composite, Conditioned and Processed
- vi. Generate Charts
- vii. View list items in Map (for exporting Seismic, Shape or any other data through DTM Maps)

#### Export Well Data to Excel

The screenshot shows the software's main menu bar with 'My Lists' and 'Reports' tabs. Below the menu is a toolbar with buttons for 'Wells', 'Lease', '2D Lines', '2D Nav', '3D Surveys', '3D Boundary', 'Custom Polygons', and 'Custom Points'. A 'Report Generator' section contains a search bar and buttons for 'Download Reports', 'KML', and 'Visualize Data (beta)'. On the left, a list of data classes is shown with checkboxes. A tooltip over the 'Well Header' checkbox says 'You can select multiple data classes for download'. On the right, a list of wells is displayed.

#	Data Class	Report
1	<input checked="" type="checkbox"/> Well	Well Header
2	<input type="checkbox"/> Well	Casing
3	<input checked="" type="checkbox"/> Well	Core Data
4	<input checked="" type="checkbox"/> Well	Cuttings Data
5	<input type="checkbox"/> Well	Perforations
6	<input type="checkbox"/> Well	Initial Production Testing
7	<input type="checkbox"/> Well	Mud Testing
8	<input type="checkbox"/> Well	Petroleum Shows
9	<input type="checkbox"/> Well	Well Remarks
10	<input type="checkbox"/> Well	Logs Recorded
11	<input type="checkbox"/> Well	Log Curves - Composite
12	<input type="checkbox"/> Well	Direction Survey
13	<input type="checkbox"/> Well	MDT
		PPR

3 selected      1-13 of 104      Search took 0 sec      1-7 of 7

The screenshot shows an Excel spreadsheet with the title 'Reports (9).xlsx - Excel (Product Activation Failed)'. The table has columns labeled WELL\_NAME, ID, UBHI, UWI, WELL\_NAME, REL\_NAME, SHORT\_NAME, and PROP. The data includes rows for BALH-1, BNDA-1, CHECHAT-1, CHGT-1, CHR1-1, CTGM-2, and DAMOH-1. A tooltip at the bottom of the table says 'All selected Data Classes are downloaded'. The bottom of the screen shows a ribbon with tabs like FILE, HOME, INSERT, PAGE LAYOUT, FORMULAS, DATA, REVIEW, VIEW, DEVELOPER, and TEAM.

WELL_NAME	ID	UBHI	UWI	WELL_NAME	REL_NAME	SHORT_NAME	PROP
BALH-1	101391	N-BALH-1	N-BALH-1	BALH-1			
BNDA-1	101510	N-BNDA-1	N-BNDA-1	BNDA-1	R-BD-A/11.09.2007	BANDA-1	BAND
CHECHAT-1	101373	N-CHCT-1	N-CHCT-1	CHECHAT-1	R-CH-A	CHECHAT-1	
CHGT-1	101395	N-CHGT-1	N-CHGT-1	CHGT-1	CHANGARTALA-1	CHG#1	CHAN
CHR1-1	101440	N-CHR1-1	N-CHR1-1	CHR1-1	CHR1-1	CHR1-1	
CTGM-2	101403	N-CTGM-2	N-CTGM-2	CTGM-2	NG	CTGM-2	
DAMOH-1	101323	N-DMOH-1	N-DMOH-1	DAMOH-1	DAMOH-1	DAMOH#1	REDM

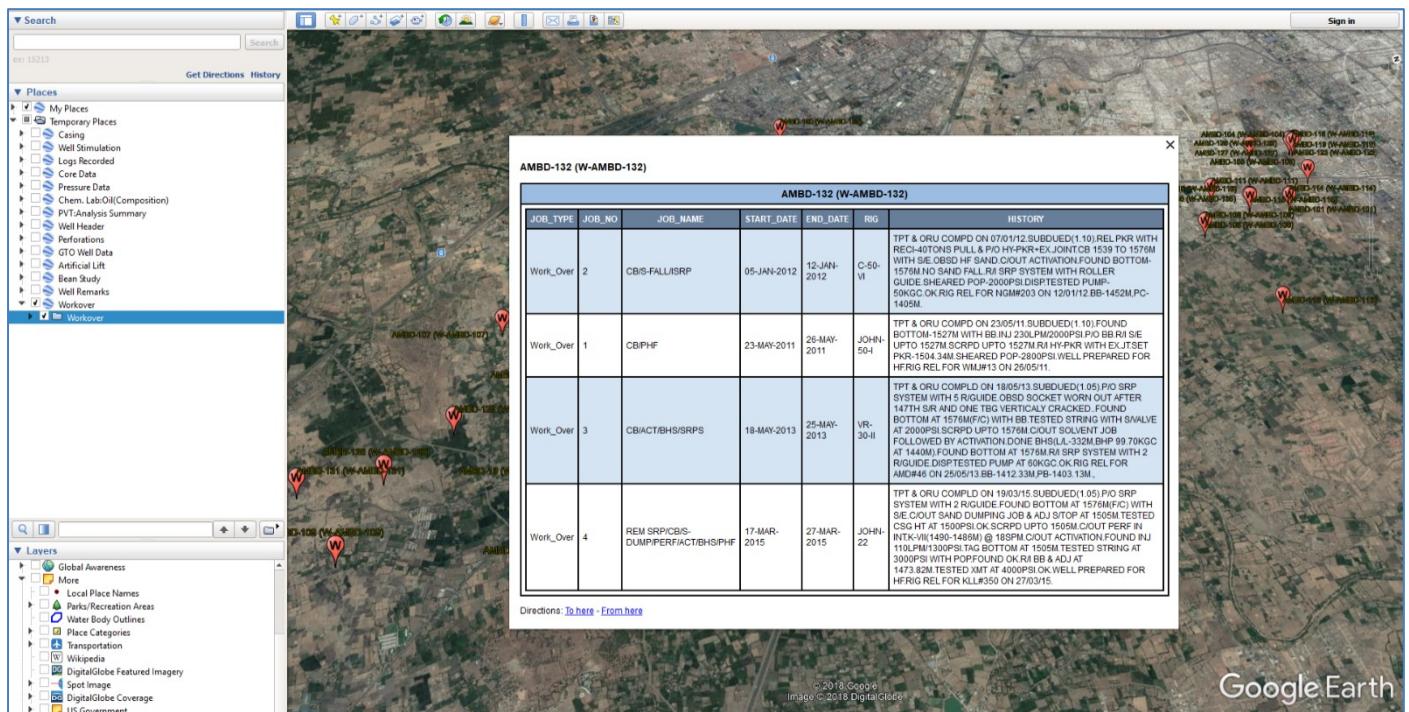
11      All selected Data Classes are downloaded

## Create KML file for viewing in Google Earth

In the same window, after adding wells to data-list, you can generate KML file to see data in Google Earth

#	Data Class	Report
1	Well	Well Header
2	Well	Casing
3	Well	Core Data
4	Well	Cuttings Data
5	Well	Perforations
6	Well	Initial Production Testing
7	Well	Mud Testing
8	Well	Petroleum Shows
9	Well	Well Remarks
10	Well	Logs Recorded
11	Well	Log Curves - Composite
12	Well	Direction Survey
13	Well	MDT
...	...	...

Below is a KML file in Google Earth showing Well workover data of Ahmedabad field wells



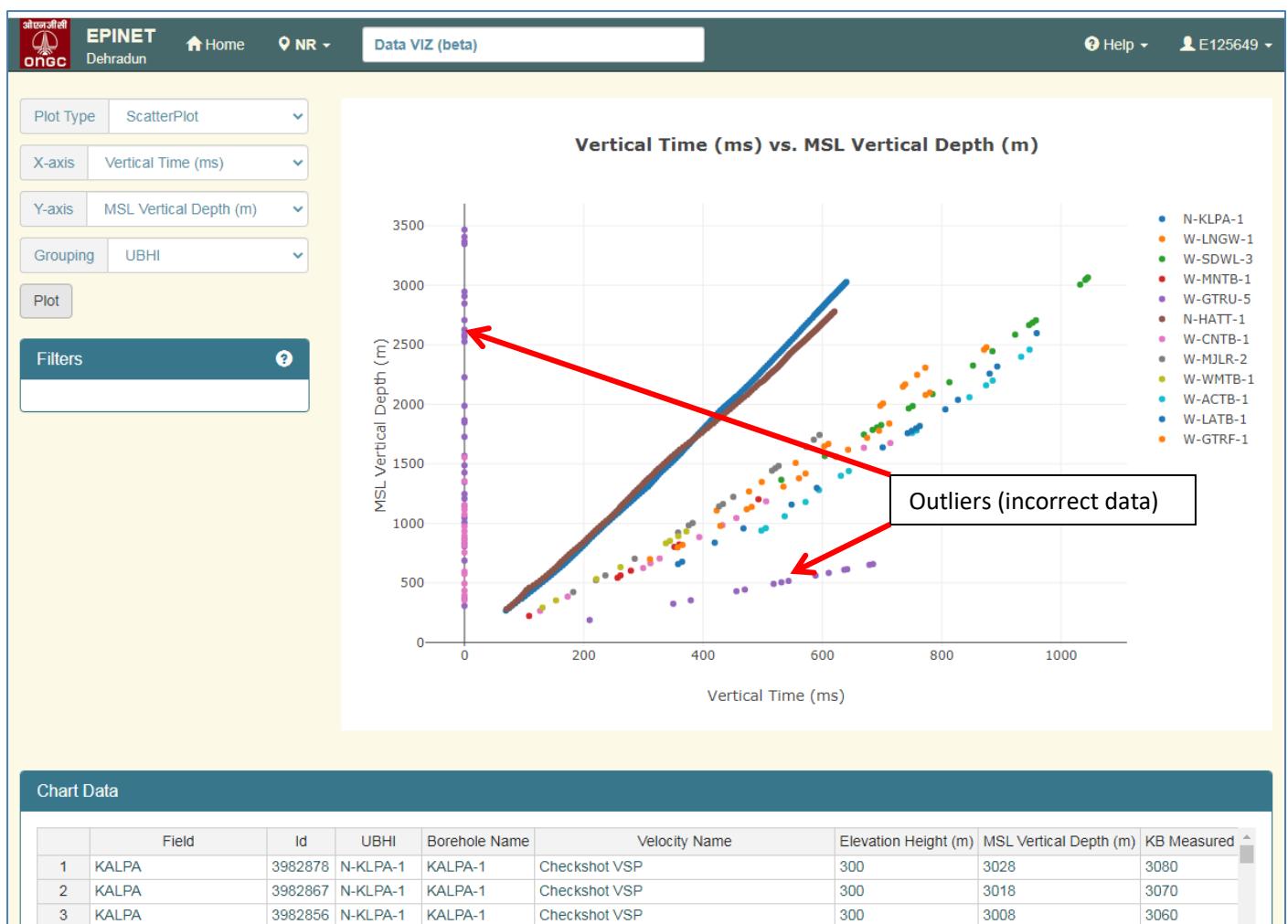
## Visualize Data online

The Visualize data option can also be used to see selected data online and plot columns

This screenshot shows the 'Report Generator' interface. At the top, there are tabs for 'Wells', 'Lease', '2D Lines', '2D Nav', '3D Surveys', '3D Boundary', 'Custom Polygons', and 'Custom Points'. Below the tabs is a search bar with the placeholder 'Search...' and a 'Download Reports' button. To the right of the search bar is a 'Visualize Data (beta)' button, which is highlighted with a red box. The main area displays a table with two rows of data:

#	<input type="checkbox"/> Data Class	Report
1	<input checked="" type="checkbox"/> Well	VSP
2	<input type="checkbox"/> Well	VSP SEGY

At the bottom left is a 'Record ID: 18' label, and at the bottom right are pagination controls '1-2 of 2', 'Search took 0.001 sec', and '1-6 of 6'.



## Export Documents and reports

Clicking on Documents would retrieve all documents available in EPINET related to the wells in the data-list. Then you can choose to download all files or only selected files (Total is limited to 50 files at a time)

The screenshot shows the EPINET interface with the 'Documents' tab selected. In the center, there is a grid of documents with columns for Name, Document Type, Format, Document Date, Source, and Remarks. Three rows are selected, indicated by blue checkboxes. At the top of the grid, there are two buttons: 'Download Selected Files' and 'Download All Files'. To the right of the grid, a sidebar titled 'List - maptest1' shows a list of selected items with checkboxes. A red box highlights this sidebar area.

The files are then copied to the EPINET fileserver from where you can retrieve using FileZilla or any other FTP client. To get access details of fileserver, you need to contact respective EPINET site.

The screenshot shows the EPINET interface with the 'Documents' tab selected. A modal dialog box is open, displaying a success message: "epinetddn.ongc.co.in says Download Job has been created successfully! Please click on 'View Download Jobs' to see file job status". Below the modal, the main interface shows the document list with three selected rows. A red box highlights the 'OK' button in the modal.

You can see the status of download job and the path of downloaded files using View download Jobs option.

The screenshot shows the EPINET interface with the 'Documents' tab selected. A red box highlights the 'View Download Jobs' button in the top right corner. The main interface shows the document list with three selected rows. The sidebar on the right also shows a list of selected items with checkboxes.

## Download Job list and status of download job

Download Jobs

Job ID	Date	Job Status	Machine	Location of Files
MR_E125649_26062020202621	26-Jun-20 8:26:21 PM	completed	epinas16	/DV_HOME/DDNEPINET/MR_E125649_26062020202621/
NR_E125649_26062020202304	26-Jun-20 8:23:04 PM	completed	epinas16	/DV_HOME/DDNEPINET/NR_E125649_26062020202304/
SR_E125649_02062020162450	02-Jun-20 4:24:50 PM	completed	epinas16	/DV_HOME/DDNEPINET/SR_E125649_02062020162450/
SR_E125649_02062020162301	02-Jun-20 4:23:01 PM	completed	epinas16	/DV_HOME/DDNEPINET/SR_E125649_02062020162301/
SR_E125649_02062020162200	02-Jun-20 4:22:00 PM	completed	epinas16	/DV_HOME/DDNEPINET/SR_E125649_02062020162200/
SR_E125649_02062020162020	02-Jun-20 4:20:20 PM	completed	epinas16	/DV_HOME/DDNEPINET/SR_E125649_02062020162020/
SR_E125649_02062020161914	02-Jun-20 4:19:14 PM	completed	epinas16	/DV_HOME/DDNEPINET/SR_E125649_02062020161914/
SR_E125649_02062020161723	02-Jun-20 4:17:23 PM	completed	epinas16	/DV_HOME/DDNEPINET/SR_E125649_02062020161723/
SR_E125649_02062020161616	02-Jun-20 4:16:16 PM	completed	epinas16	/DV_HOME/DDNEPINET/SR_E125649_02062020161616/

Search took 0 sec      1-9 of 213

Download Job - Live Status

Job ID: NR\_E125649\_30062020135720

Auto-Refresh Refresh Now

1751315\_N-CHCT-1.zip' -> '1751353\_N-CHCT-1.ZIP - Done  
4051593\_WCR\_DAMOH\_1.pdf' -> '4051593\_N-DMOH-1-WCR-WCR\_DAMOH\_1.PDF - Done  
4051597\_WCR\_CTGM\_2.pdf' -> '4051597\_N-CTGM-2-WCR-WCR\_CTGM\_2.PDF - Done

Job completed!

3 file(s) copied successfully!

## Export Log data

The steps for downloading log data is similar to downloading documents. You need to click on **Log Data** button instead of **Documents** and follow the rest of the steps to download files via fileserver.

Log Data

Composite Logs  
Raw Logs

UBHI	Type	Channels (units)
N-BALH-1	Composite	1M (ohm.m),2M (ohm.m),4M (ohm.m),4MT (ohm.m),8M (ohm... AHVT (ft3),BHVT (ft3),BS (in),CALI (in),DEPT (m),DRHO (g/cm... DEPT (m),DXDT (NONE),DYDT (NONE),GR (gAPI),ITTT (ms),M...
N-CHCT-1	Composite	AHVT (ft3),BHVT (ft3),BS (in),CALI (in),DEPT (m),DRHO (g/cm... DEPT (m),DXDT (NONE),DYDT (NONE),GR (gAPI),ITTT (ms),M...
N-CHCT-1	Composite	AHVT (ft3),BHVT (ft3),BS (in),CALI (in),DEPT (m),DRHO (g/cm... DEPT (m),DXDT (NONE),DYDT (NONE),GR (gAPI),ITTT (ms),M...
N-CHGT-1	Composite	DEPT (m),NPHI (m3/m3),RHOB (g/cm3) CALI (in),CALI_1 (in),CALI_1_2 (in),DEPT (m),DEPT (m),DEPT...
N-CHGT-1	Composite	DEPT (m),NPHI (m3/m3),RHOB (g/cm3) CALI (in),CALI_1 (in),CALI_1_2 (in),DEPT (m),DEPT (m),DEPT...
N-CHGT-1	Composite	CALI (in),DEPT (m),GR (gAPI),LLD (ohm.m),LLS (ohm.m),MSF...
N-CHRI-1	Composite	BOREHOLE-DEPTH (m),CALI (in),DT (us/ft),GR (gAPI),LLD (oh...

Search took 0.001 sec      1-8 of 8      6 selected      1-6 of 6

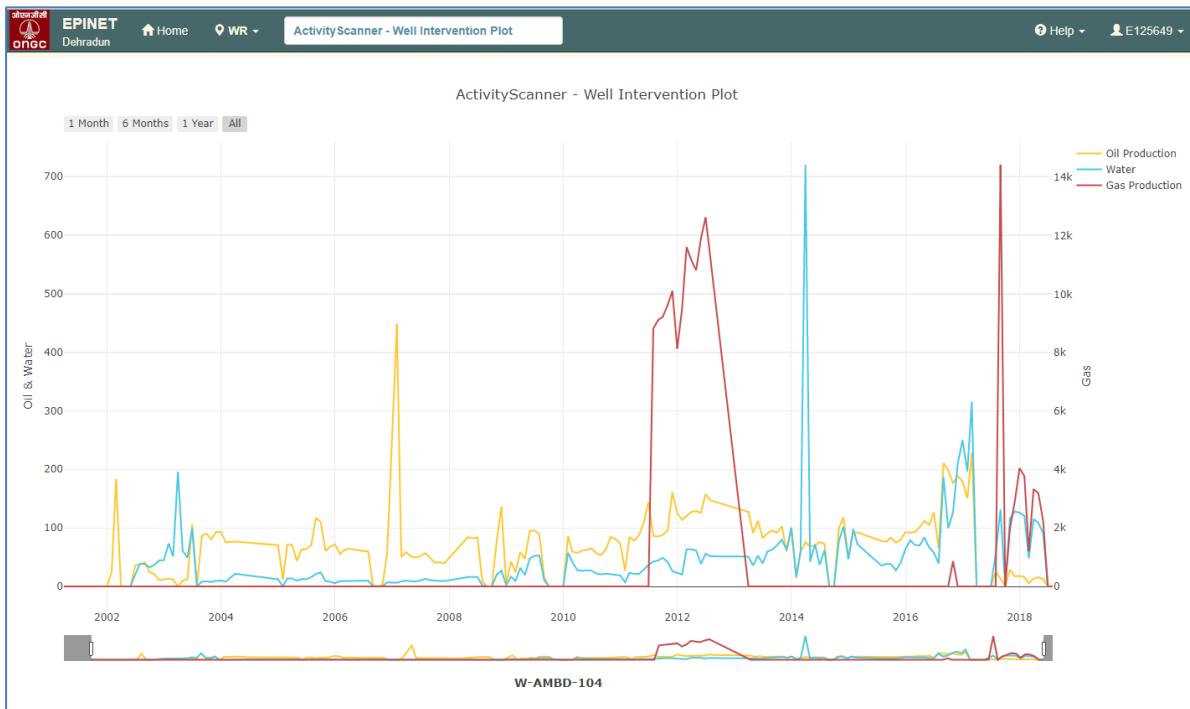
## Generate Charts

After adding wells to data list, you can click on Charts in the export area to generate charts online.

The screenshot shows the EPINET software interface with the 'Charts' tab highlighted. In the 'Chart Selector' section, the 'Monthly Production' chart is selected, indicated by a red arrow. The interface includes a search bar, a data list on the right labeled 'List - My\_list\_1' containing well names, and various date selection fields for generating the chart.

Below are some charts that have been developed based on feedback from EPINET users. Apart from available charts, more can be developed and added by EPINET team as per user requirement. Below are screenshots for some charts:



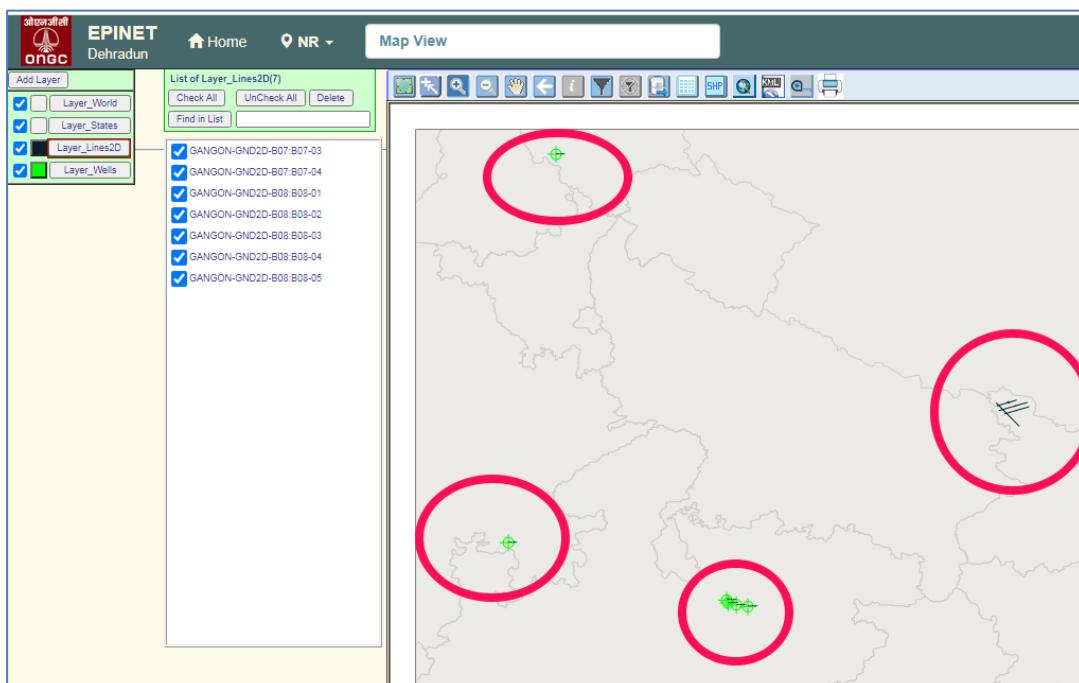


## ***View in map***

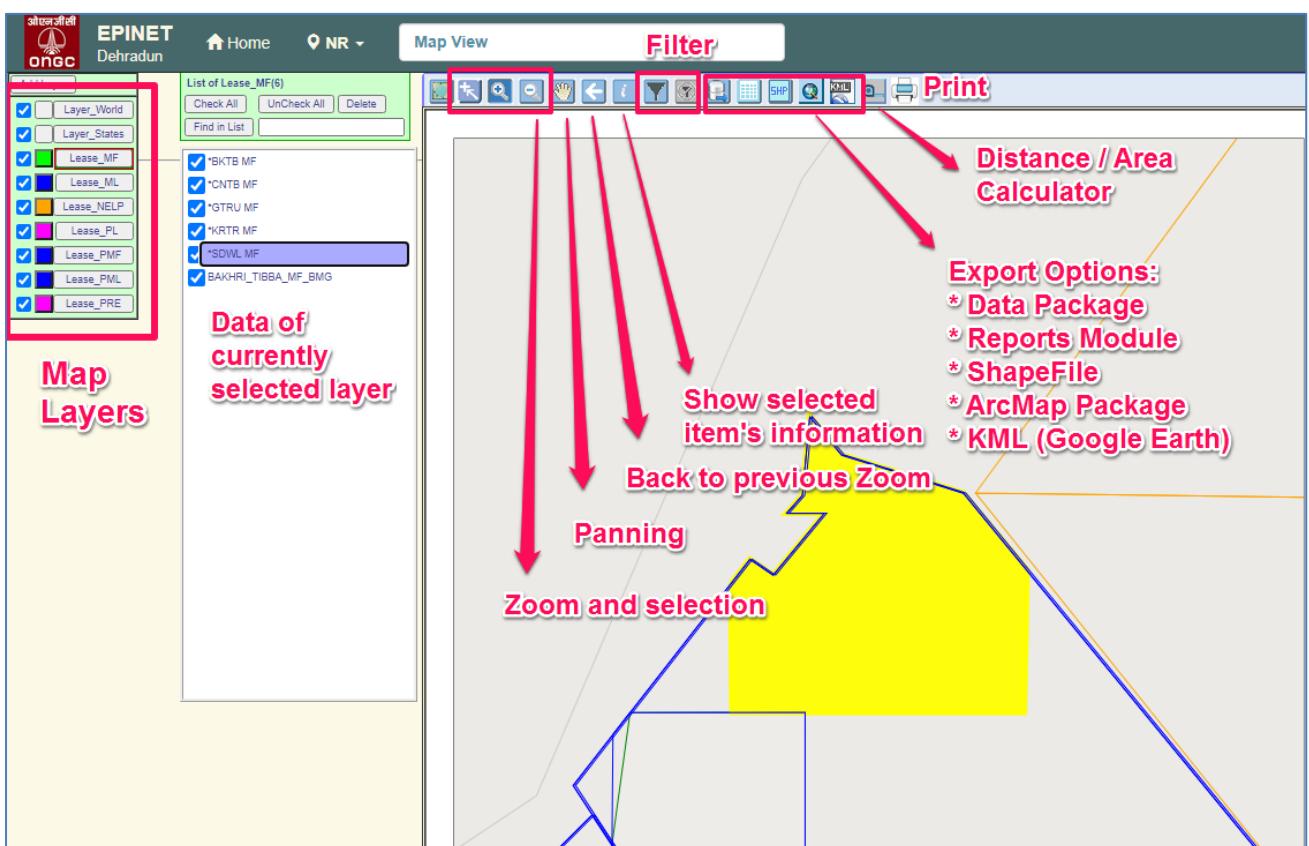
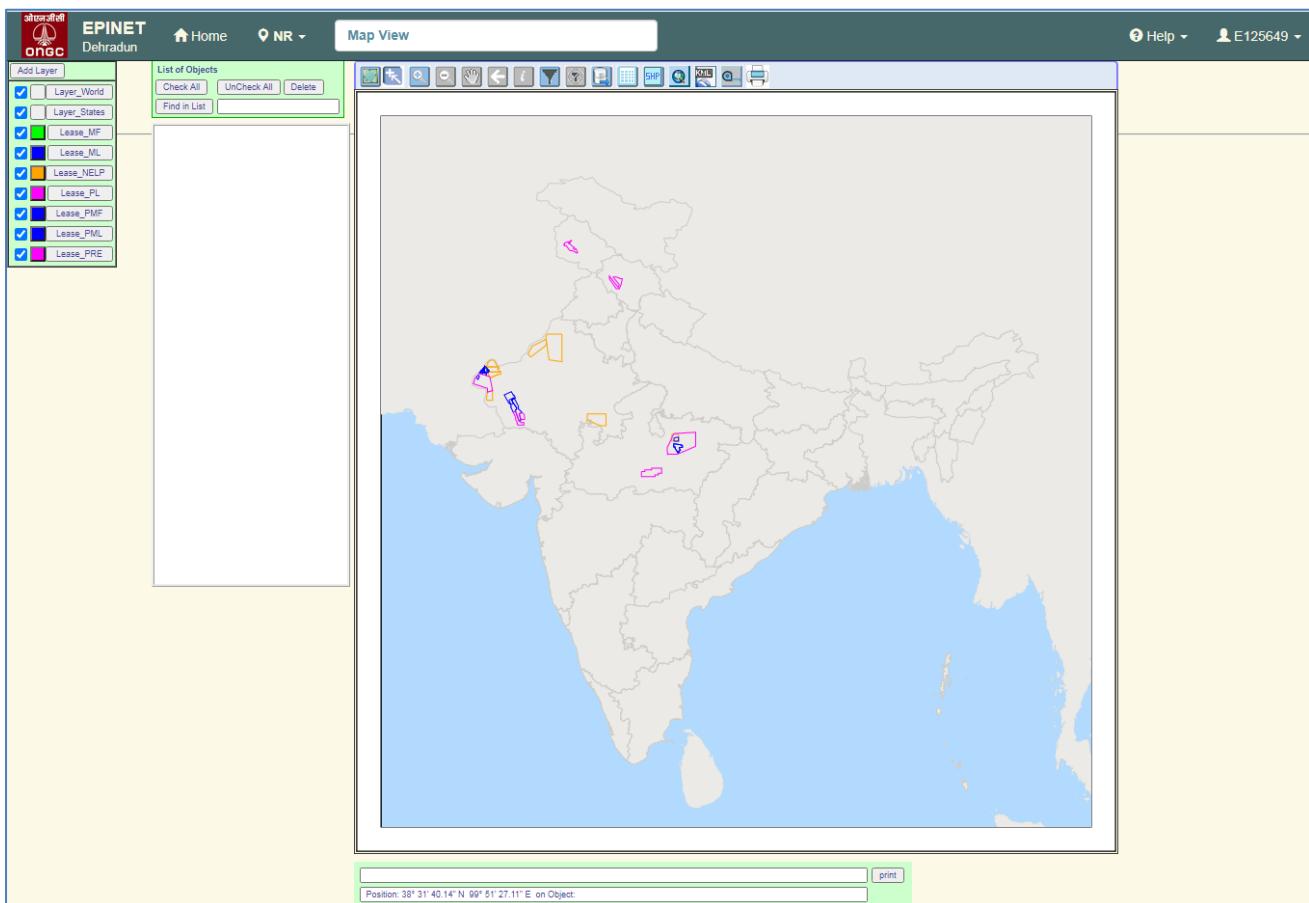
After saving data-list, if you click on “***View List items in Map button***”, it sends the items in data-list to the DV Maps interface.

This screenshot shows the DV Maps interface. At the top, there are tabs for "My Lists", "Reports", "Charts", "Documents", "Log Data", "View List Items on Map" (which is highlighted with a red box), "Show/Hide DataList", and "View Download Jobs". Below the tabs is a navigation bar with buttons for "Wells", "Lease", "2D Lines", "2D Nav", "3D Surveys", "3D Boundary", "Custom Polygons", and "Custom Points". A search bar and a multi-search bar are also present. The main area contains a table of wells and a list panel on the right. The table includes columns for UBHI, Well Name, Release..., Field, Project, Class, Spud Date, Tar..., and Longit. The list panel shows a file browser with items like "Name", "N-DMOH-1", "N-DMOH-2", and "N-DMOH-3".

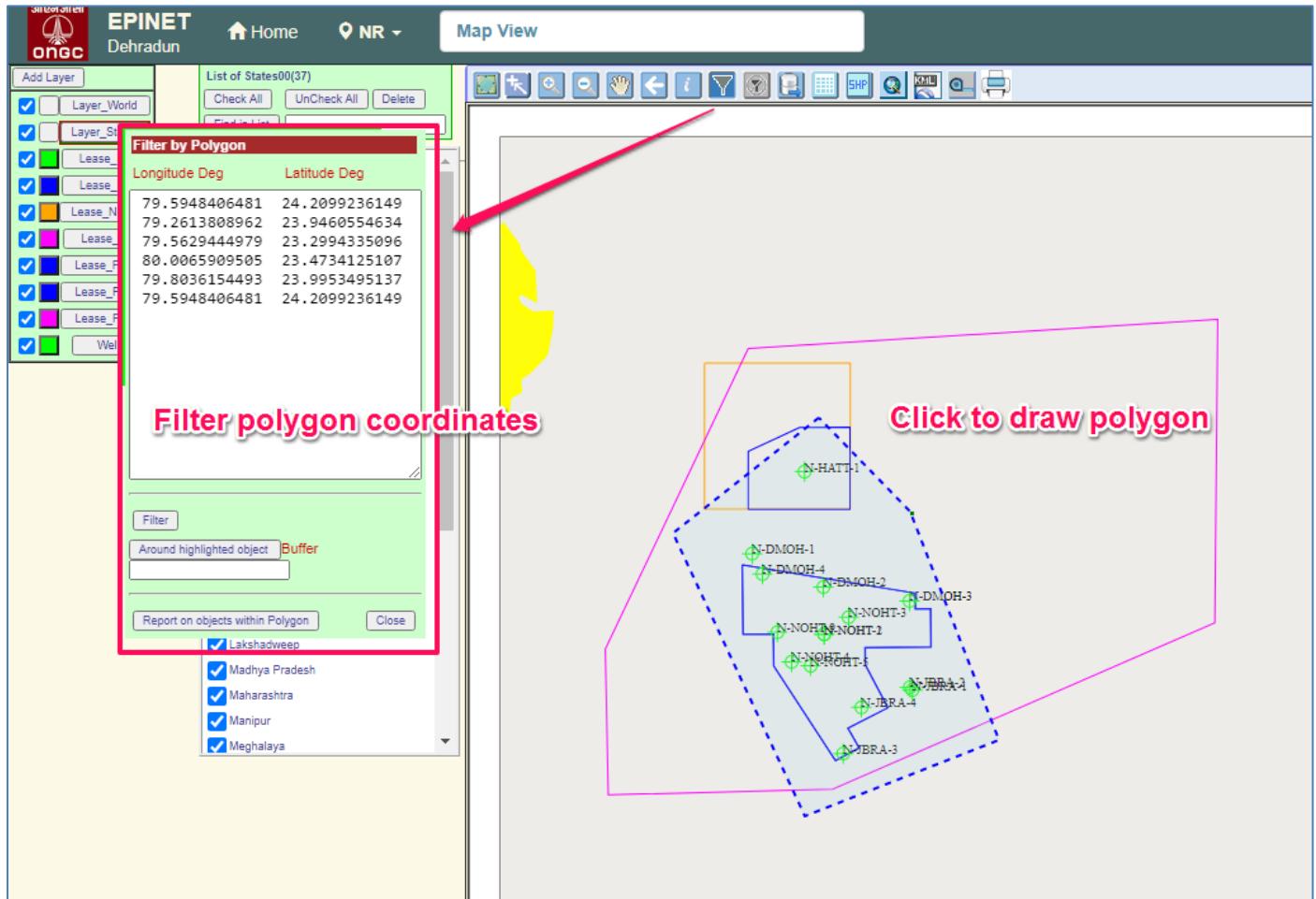
Now, all the functionality of DV Maps is available for your dataset:



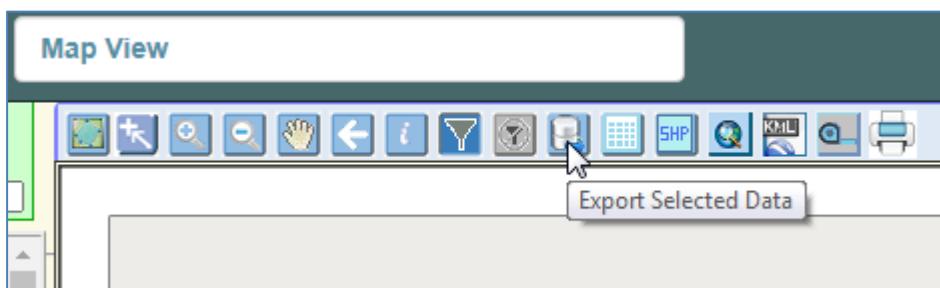
## Map and DTM



## Filter data



## And export



## Selected for transfer

[https://epinetddn.ongc.co.in/epinet/export\\_list.aspx](https://epinetddn.ongc.co.in/epinet/export_list.aspx)

EPINET Dehradun Home MR Export List

Data in the Polygon :  
65 5, 65 40, 100 40, 100 5, 65 5

Wells(3 out of 4)

Wells	Well	Picks	Log	Dev	VSP
<input type="checkbox"/> M-GKDW-A-GKDWA-1	GKDWA-1	8	8		241
<input checked="" type="checkbox"/> M-GK28-GK-28-7	GK-28-7	8	7		85
<input checked="" type="checkbox"/> M-GK28-GK-28-8	GK-28-8	9	7		80
<input checked="" type="checkbox"/> M-GKS-GKS091NDA-1	GKS091NDA-1	10	10		206

Seismic Lines(4 out of 4)

Seismic Lines	Line	FSP	LSP	Version	ID
<input checked="" type="checkbox"/> 2D08-KDGKH-KLP_KLP_39	KLP-39	5133	1244	PSTM	215680
<input checked="" type="checkbox"/> 2D02-KDGKH-KDLAR_KD-05-060	KD-05-060	941	2028	PSTM	212972
<input checked="" type="checkbox"/> 2D02-KDGKH-KDLAR_KD-05-060	KD-05-060	965	2080	F.MIG	212966
<input checked="" type="checkbox"/> 2D87-GKOS-GKWEST_GK-71W	GK-71W	50	3060	F.STK	833692

3D Surveys(0 out of 0)

Continue

## Target Application and project selection

<https://epinetddn.ongc.co.in/epinet/>

EPINET DATA VIEWER EPINET DATA VIEWER

EPINET Dehradun Home MR Create

Export List: MR\_LIST\_DV\_ADMIN\_20179615337

Target Application Openworks

Target Workcenter OW-EPINET

Appl User:ow\Admin  
Password:\*\*\*\*\*

List OW Projects  
Select Project  
MR\_TEST1\_UTM42  
List Interpreters  
Select Interpreter  
LGC

Export Data

## Export Log and completion status

[https://epinetddn.ongc.co.in/epinet/dtm\\_log.aspx?fld=MR\\_LIST\\_DV\\_ADMIN\\_20179615337](https://epinetddn.ongc.co.in/epinet/dtm_log.aspx?fld=MR_LIST_DV_ADMIN_20179615337)

EPINET Dehradun Home MR Data Export Log

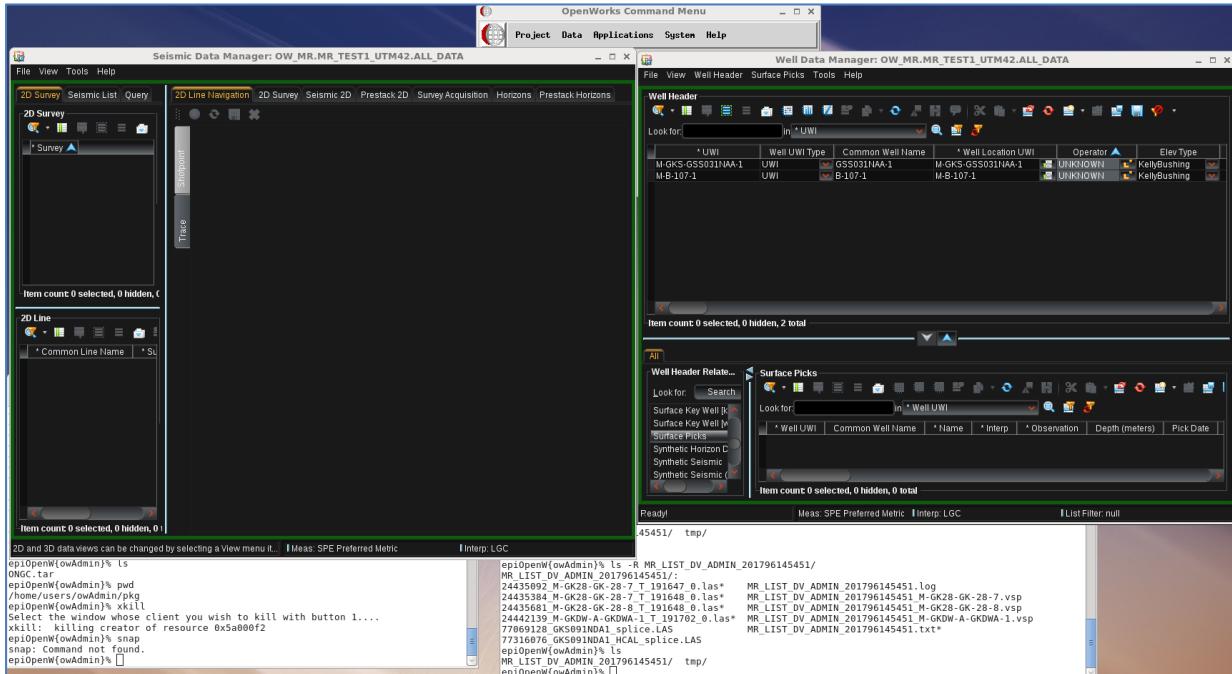
epinetddn.ongc.co.in says:  
Export Completed!

OK

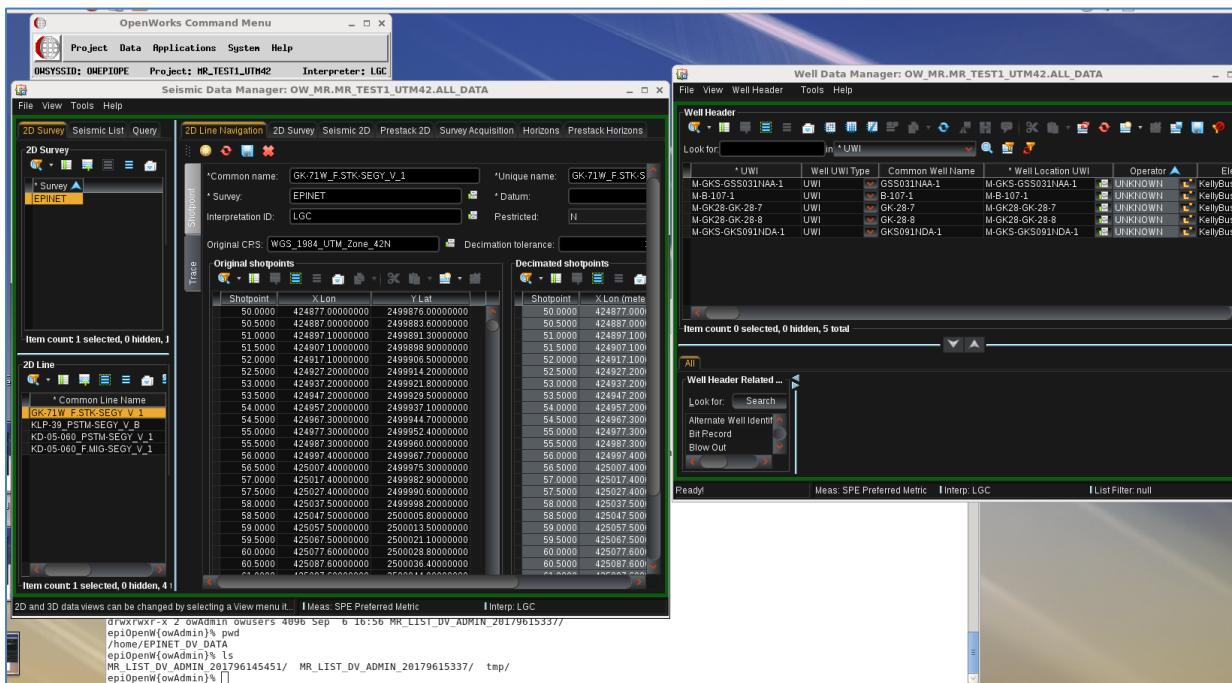
Export Log : MR\_LIST\_DV\_ADMIN\_20179615337

Export Started for MR\_LIST\_DV\_ADMIN\_20179615337 ....  
Exporting Well Meta data.....  
Wells :  
GK-28-7  
GK-28-8  
GKS091NDA-1  
..... Exported Well Header Data for 3 Wells  
..... Exporting Logs Data  
..... Exported 5 Logs Data  
..... Exporting Surface Picks Data  
..... Exported 27 Surface Picks Data  
..... Exporting VSP TD Curve Data  
..... Exported VSP TD Curve Data for 3 Wells  
..... Exporting Directional Survey Data  
..... Exported 0 Recoreds of Directional Survey Data  
Well Meta data Exported  
  
No Survey Selected.....  
  
Exporting 2D Seismic Line Header Data .....  
Lines :

## OpenWorks – Before Transfer

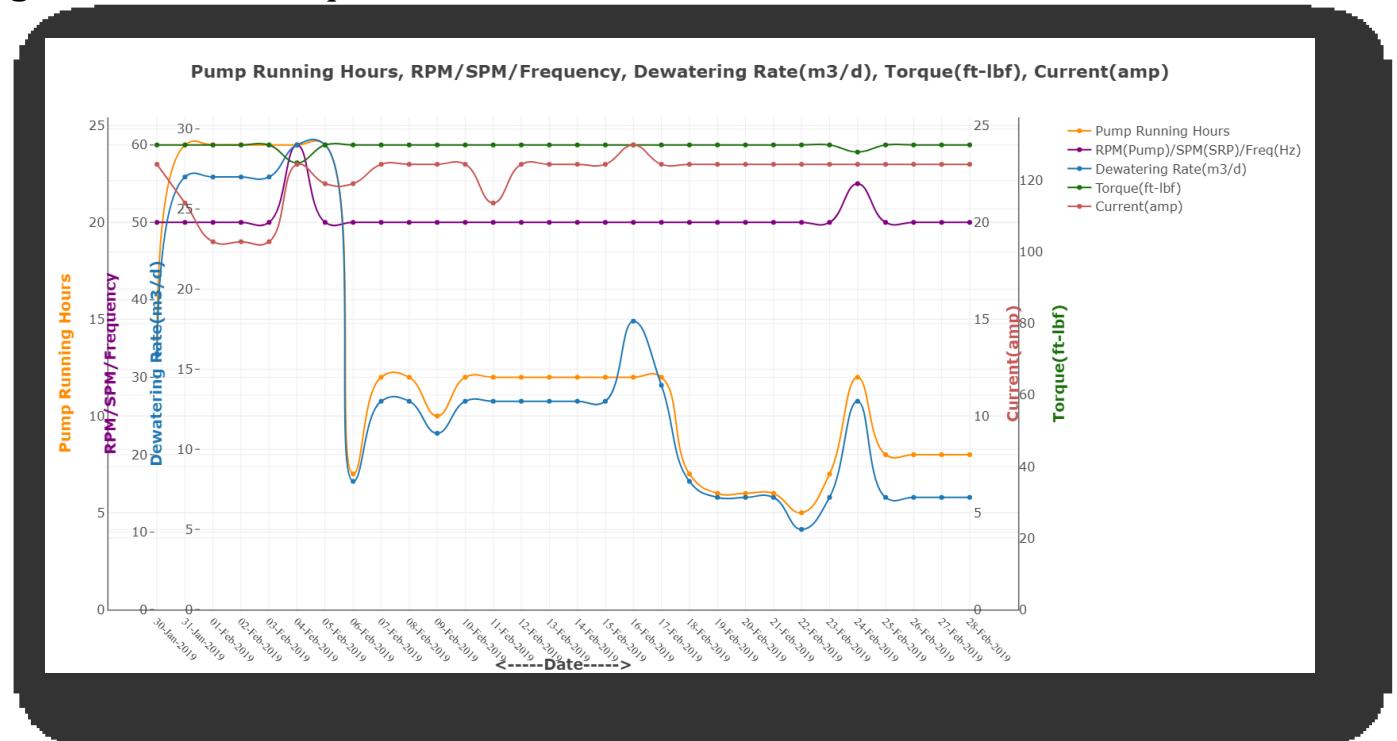


## OpenWorks – After Transfer



## Data Visualization & Charts

For example: CBM De-Watering and Gas Production data management and generation of Graphs in EPINET.



Any X-Y data can be visualized similarly and can also be customized and saved for future works

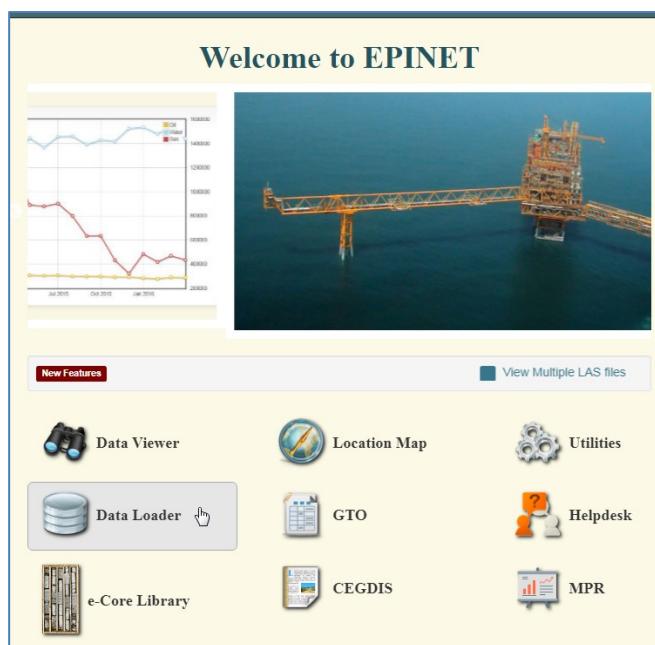
# Well Data Loader

Dataloader is an excel-like interface for loading tabular data into EPINET Database. Most of the data classes present in EPINET are loaded using this Dataloader. The steps for loading and managing data using the dataloader interface applies to the following data Classes:

- Well Data – Basic well header info
- Geology Data
- Geology Lab data
- Chemistry Lab data
- Petrophysical Lab data
- PVT Lab Data
- CBM Data
- Drilling Data
- Reservoir Data
- EOR Data

## Overview

DataLoader can be accessed from the EPINET homepage:



Below is a screenshot of the loader interface:

ID	UWI	Field Name	Well Name	Short Name	Release Name
1	81675636	W-BCRJ-231	BECHRAJI	BCRJ-231	BC-231
2	81675325	W-LNCH-183	LINCH	LNCH-183	LN-183
3	81669177	W-LNWA-202	LANWA	LNWA-202	LW-202
4	81662724	W-KLOL-821	KALOL	KLOL-821	KL-821
5	81662549	W-PDRA-139	PADRA	PDRA-139	PDRA-139
6	81661573	W-BCRJ-230	BECHRAJI	BCRJ-230	BC-230
7	81638902	W-NWGM-324	NAWAGAM	NWGM-324	NG-324
8	81638888	W-NWGM-323	NAWAGAM	NWGM-323	NG-323
9	81638874	W-KLOL-820	KALOL	KLOL-820	KL-820
10	81638860	W-KLOL-819	KALOL	KLOL-819	KLDGN
11	81627367	W-BCRJ-229	BECHRAJI	BCRJ-229	BC-229
12	81626556	W-GMJ-242	GAMIJ	GMIJ-242	GM-242
13	81604319	W-GNDR-774	GANDHAR	GNDR-774	GN-774
14	81561411	W-SBSN-345	SOBHASAN	SBSN-345	SB-345
15	81561200	W-SBSN-344	SOBHASAN	SBSN-344	SB-344
16	81520080	W-ELCH-5	E.LINCH	ELCH-5	ELC-5
17	81520044	W-LNWA-201	LANWA	LNWA-201	LW-201

## Layout

Initially, when DataLoader is opened, no form is selected. You need to click on tree items at the left (as shown above) and then select a form to see the DataLoader interface.

The following areas can be identified in the dataloader when a data class form is selected:

**Currently selected form / dataclass**

**Toolbar - All operations available**

**Status Header**

**Data Display / Editing area**

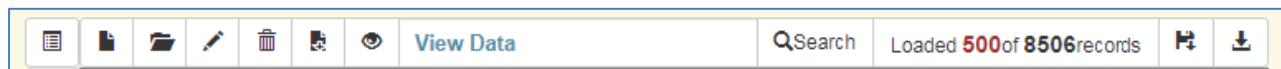
**Status bar - shows current state of loader**

ID	UWI	Field Name	Well Name	Short Name	Release Name
1	81675636	W-BCRJ-231	BECHRAJI	BCRJ-231	BCJQ
2	81675325	W-LNCH-183	LINCH	LNCH-183	LNIL
3	81669177	W-LNWA-202	LANWA	LNWA-202	LW-202
4	81662724	W-KLOL-821	KALOL	KLOL-821	KL-821
5	81662549	W-PDRA-139	PADRA	PDRA-139	PDFP
6	81661573	W-BCRJ-230	BECHRAJI	BCRJ-230	BC-230
7	81638902	W-NWGM-324	NAWAGAM	NWGM-324	NG-324
8	81638888	W-NWGM-323	NAWAGAM	NWGM-323	NG-323
9	81638874	W-KLOL-820	KLOL	KLOL-820	KL-820
10	81638860	W-KLOL-819	KALOL	KLOL-819	KL-819
11	81627367	W-BCRJ-229	BECHRAJI	BCRJ-229	BC-229
12	81626556	W-GMIJ-242	GAMIJ	GMIJ-242	GM-242
13	81604319	W-GNDR-774	GANDHAR	GNDR-774	GN-774
14	81561411	W-SBSN-345	SOBHASAN	SBSN-345	SB-345
15	81561200	W-SBSN-344	SOBHASAN	SBSN-344	SB-344
16	81520080	W-ELCH-5	E.LINCH	ELCH-5	ELC-5
17	81520044	W-LNWA-201	LANWA	LNWA-201	LW-201

Grid is in View mode now. Recent records are displayed on top. Click 'Edit Data' to edit records in view or click 'Fetch More Data' to fetch more records from Database

Developed and maintained by EPINET

## 1. Toolbar



Toolbar shows all operations available to user (as per permission). Hover mouse over each icon to show details:

**Edit Data**

ID	UWI	Field Name
1	81675636	W-BCRJ-231
2	81675325	W-LNCH-183

## 2. Status Bar and Status Header

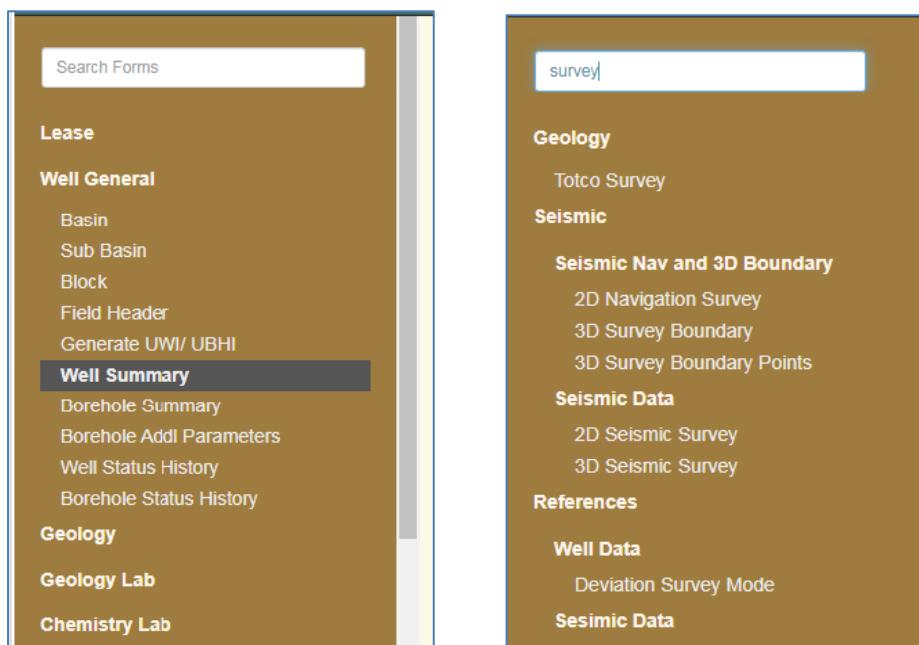
**View Data**

UBHI	Velocity Name
W-ACTB-1	ACTB-1
W-WMTB-	WMTB-1

Grid is in View mode now. Recent records are displayed on top. Click 'Edit Data' to edit records in view or click 'Fetch More Data' to fetch more records from Database

At any point of time, status header and status bar show the current status of grid. Error messages and operational steps are shown in status bar. If you're not sure what to do next or which button to click, the status bar will be able to guide you.

### 3. Data Class Tree



The Data class tree allows you to browse for a data class to find the data you need to load. You can click to expand categories or sub-categories (shown in bold font) and click on forms (Normal font) to see the data (as per permission available to you). You can use the search bar on top to search for a data class as shown in the screenshot at the right.

### 4. Data Display area

	ID	Basin Code	Basin Name	Data Source	Insert Date	Insert User
1	100136	SPIT	SPITI-ZANSKAR	KDMIPE	19-Sep-2014	SIS_INSTALL
2	100135	NARM	NARMADA	KDMIPE	19-Sep-2014	SIS_INSTALL
3	100134	MAHA	MAHANADI	KDMIPE	19-Sep-2014	SIS_INSTALL
4	100133	DECY	DECCAN SYNECLISE	KDMIPE	19-Sep-2014	SIS_INSTALL
5	100132	CUDP	CUDDAPAH	KDMIPE	19-Sep-2014	SIS_INSTALL
6	100131	CHAT	CHATTISGARH	KDMIPE	19-Sep-2014	SIS_INSTALL
7	100130	BMLK	BHIMA-KALADGI	KDMIPE	19-Sep-2014	SIS_INSTALL
8	100129	VIDN	VINDHYAN	KDMIPE	19-Sep-2014	SIS_INSTALL
9	100128	SAUR	SAURASHTRA	KDMIPE	19-Sep-2014	SIS_INSTALL
10	100127	RJST	RAJASTHAN	KDMIPE	19-Sep-2014	SIS_INSTALL
11	100126	PGVR	PRANHITA-GODAVARI	KDMIPE	19-Sep-2014	SIS_INSTALL
12	100125	BSTR	BASTAR	KDMIPE	19-Sep-2014	SIS_INSTALL
13	100124	KTCH	KUTCH	KDMIPE	19-Sep-2014	SIS_INSTALL
14	100123	KRKN	KERALA-KONKAN-LAKSHADWEEP	KDMIPE	19-Sep-2014	SIS_INSTALL
15	100122	KGVR	KRISHNA-GODAVARI	KDMIPE	19-Sep-2014	SIS_INSTALL

Data is displayed in the main display grid area. Columns in RED colour are mandatory columns while loading data. Columns in BLACK are normal columns and entry is optional. GREY columns are auto-filled by the system and user cannot enter data into those fields.

## 5. Data Count

By default 500 most recently loaded data are fetched for display. The right end of the toolbar displays the fetched data count and the total data count.

Search	Loaded <b>500</b> of 3247 records	Fetch More Data	Download
Name	Elevation Height (m)	MSL Ver	
	300.00		

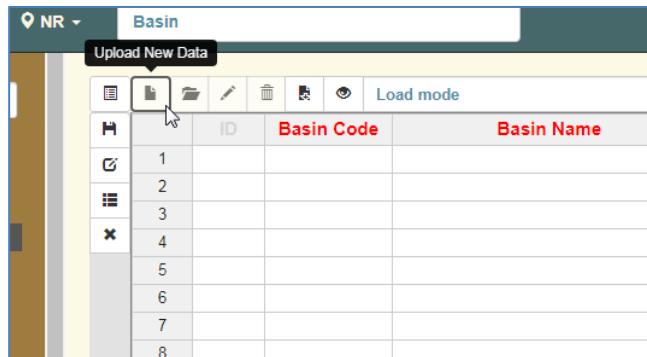
To load more data into view, click on *Fetch More Data*

Search	Loaded <b>1000</b> of 3247 records	Fetch More Data	Download
Name	Elevation Height (m)	MSL Ver	
WELL_W-ACTB-1	-59.90		
	127.20		

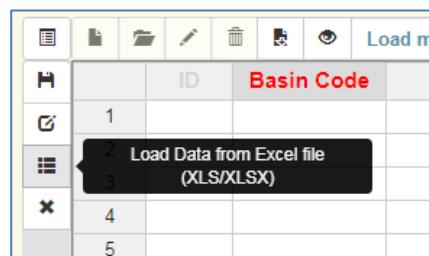
# Data Management – Loading, Editing and Deleting data

## ***Loading new data***

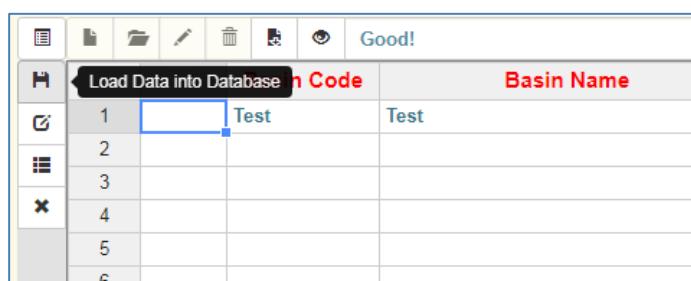
1. Click on Upload New Data



2. Now you can start entering data in grid area as in an excel sheet. You can also copy-paste data from excel or use the load from Excel file option to select an excel file and bring data into the grid



3. You can click on “Save” icon after you’re done.



Errors during loading (if any) are shown in the status bar

The screenshot shows a table with columns: Basin Code, Sub Basin Code, Block Code, Field Code, and Field Name. Row 1 contains values: AMAK, AMAK-AMAK, JODH, TEST, and an empty field. The status bar at the bottom displays the error message: "Error in Record:0~ORA-20101: Insert failed. The key values of Field(Field Code,State Code,Basin Code, Sub Basin Code and Block Code, Asset Name) cannot be null ORA-06512: at".

	Basin Code	Sub Basin Code	Block Code	Field Code	Field Name
1	AMAK	AMAK-AMAK	JODH	TEST	
2					
3					
4					
5					
6					
7					
8					
9					
10					

If there are no errors in your data, the status bar shows a message asking you to commit changes to the database. Please note: If you do not click on “*Confirm Load*”, your data will NOT be saved and all changes will be lost.

The screenshot shows a table with columns: Code, Basin Name, Data Source, Insert Date, and Insert User. Row 1 contains values: Test, Test, KDMIPE, 24-Jun-2020, and E125649. The status bar at the bottom displays the message: "There are no errors in data. Click on Commit to write changes to Database or click Cancel to ignore changes." A checked checkbox labeled "Commit - Confirm Load" is visible in the top left corner.

	Code	Basin Name	Data Source	Insert Date	Insert User
1	Test	Test			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					

4. After committing, the loader switches to view mode and shows you the latest data that was loaded:

The screenshot shows a table with columns: Basin Code, Basin Name, Data Source, Insert Date, and Insert User. The table lists 27 records, with the first 10 rows shown. The status bar at the bottom displays the message: "Data was loaded successfully. Newly loaded records are displayed at top".

	Basin Code	Basin Name	Data Source	Insert Date	Insert User
1	4474174	Test		24-Jun-2020	E125649
2	100136	SPIT	KDMIPE	19-Sep-2014	SIS_INSTALL
3	100135	NARMADA	KDMIPE	19-Sep-2014	SIS_INSTALL
4	100134	MAHA	KDMIPE	19-Sep-2014	SIS_INSTALL
5	100133	DECY	KDMIPE	19-Sep-2014	SIS_INSTALL
6	100132	CUDP	KDMIPE	19-Sep-2014	SIS_INSTALL
7	100131	CHAT	KDMIPE	19-Sep-2014	SIS_INSTALL
8	100130	BMKL	KDMIPE	19-Sep-2014	SIS_INSTALL
9	100129	VINDHYAN	KDMIPE	19-Sep-2014	SIS_INSTALL
10	100128	SAUR	KDMIPE	19-Sep-2014	SIS_INSTALL

## Editing Data

1. Click on “Edit Data” Icon. Grid enters *Edit Mode* now. Double-click on a cell to edit its value.

ID	Basin Code	Basin Name	Data Source	Insert Date	Insert User
1	4474174	Test	Test source	24-Jun-2020	E125649
2	100136	SPIT	KDMIPE	19-Sep-2014	SIS_INSTALL
3	100135	NARM	KDMIPE	19-Sep-2014	SIS_INSTALL
4	100134	MAHA	KDMIPE	19-Sep-2014	SIS_INSTALL

Only columns in bold text can be edited. Columns that are greyed cannot be edited

2. Click on *Save* and then *Commit* to write changes to database.

ID	Basin Code	Basin Name	Data Source	Insert Date	Insert User
1	4474174	Test	Test source	24-Jun-2020	E125649
2	100136	SPIT	KDMIPE	19-Sep-2014	SIS_INSTALL
3	100135	NARM	KDMIPE	19-Sep-2014	SIS_INSTALL
4	100134	MAHA	KDMIPE	19-Sep-2014	SIS_INSTALL
5	100133	DECY	KDMIPE	19-Sep-2014	SIS_INSTALL

ID	Basin Code	Basin Name	Data Source	Insert Date	Insert User
1	4474174	Test	Test source	24-Jun-2020	E125649
2	100136	SPIT	KDMIPE	19-Sep-2014	SIS_INSTALL
3	100135	NARM	KDMIPE	19-Sep-2014	SIS_INSTALL
4	100134	MAHA	KDMIPE	19-Sep-2014	SIS_INSTALL
5	100133	DECY	KDMIPE	19-Sep-2014	SIS_INSTALL
6	100132	CUDP	KDMIPE	19-Sep-2014	SIS_INSTALL
7	100131	CHAT	KDMIPE	19-Sep-2014	SIS_INSTALL
8	100130	BMKL	KDMIPE	19-Sep-2014	SIS_INSTALL
9	100129	VIDN	KDMIPE	19-Sep-2014	SIS_INSTALL
10	100128	SAUR	KDMIPE	19-Sep-2014	SIS_INSTALL

Errors during editing (if any) are displayed in red. Click on the cell to see the error message and correct the value.

Error:0~ORA-20101: Core Top Depth can not be greater than Core Base Depth ORA-06512: at "PRJDDN.W\_DL\_CORE\_TRIG\_UP", line 43 ORA-04088: error during execution of trigger 'PRJDDN.W\_DL\_CORE\_TRIG\_UP'

## ***Deleting Data***

Deletion is intentionally designed to be a three-step operation to avoid accidental deletion of records

1. First, you need to enter *Delete Mode* by clicking on delete icon

Grid is in delete mode now.  
Select cells and right-click to mark records for deletion

2. Then, mark records for deletion by right clicking on records

You can mark/unmark multiple records also

The screenshot shows two tables side-by-side. The left table has columns for Basin Code and Basin Name. The right table also has columns for Basin Code and Basin Name. Below the tables are three buttons: 'Copy', 'Mark Record', and 'Unmark Record'.

- Finally, click on *Delete* and then *Confirm* to write changes to database.

**Delete Selected Records in Code**

1	4474174	Test	Test
2	100136	SPIT	SPITI-ZANSKAR
3	100135	NARM	NARMADA
4	100134	MAHA	MAHANADI
5	100133	DECY	DECCAN SYNECLISE
6	100132	CUDP	CUDDAPAH
7	100131	CHAT	CHATTISGARH
8	100130	BMKL	BHIMA-KALADGI
9	100129	VIDN	VINDHYAN
10	100128	SAUR	SAURASHTRA

**Confirm Delete**

✓	Confirm Deletion	Basin Code	Basin Name
1	4474174	Test	Test
2	100136	SPIT	SPITI-ZANSKAR
3	100135	NARM	NARMADA
4	100134	MAHA	MAHANADI
5	100133	DECY	DECCAN SYNECLISE
6	100132	CUDP	CUDDAPAH
7	100131	CHAT	CHATTISGARH
8	100130	BMKL	BHIMA-KALADGI
9	100129	VIDN	VINDHYAN
10	100128	SAUR	SAURASHTRA

Deletion check succeeded. Click confirm (✓) to write changes to database!

Errors while attempting to delete (if any) are displayed in red:

**Error**

1	4466128	TEST-4	TES
2	4451587	W-GMWL-1	GAM
3	4451549	N-NOHT-10	NO
4	4447317	W-BNKA-5	BAN
5	4108044	W-CNTB-6	CH
6	4107134	W-CNTB-5	CH
7	4107099	N-HATT-2	HAT
8	4072852	N-NOHT-8	NO
9	4072837	N-NOHT-7	NO
10	4072792	N-NOHT-6	NO

Error:0-ORA-20101: Delete Failed. Well is already in use

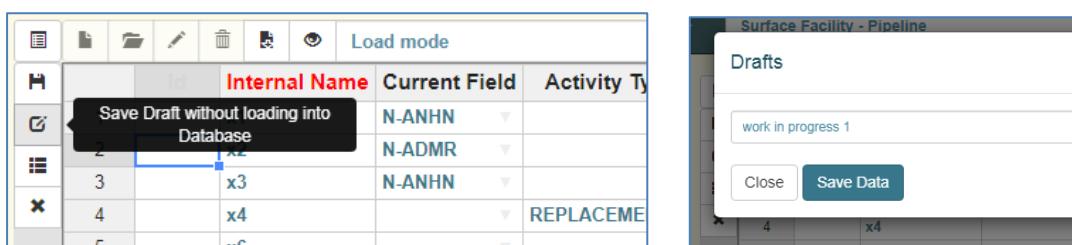
## Other operations

Apart from basic data *load*, *edit* and *delete* operations, other features are also available in the loader:

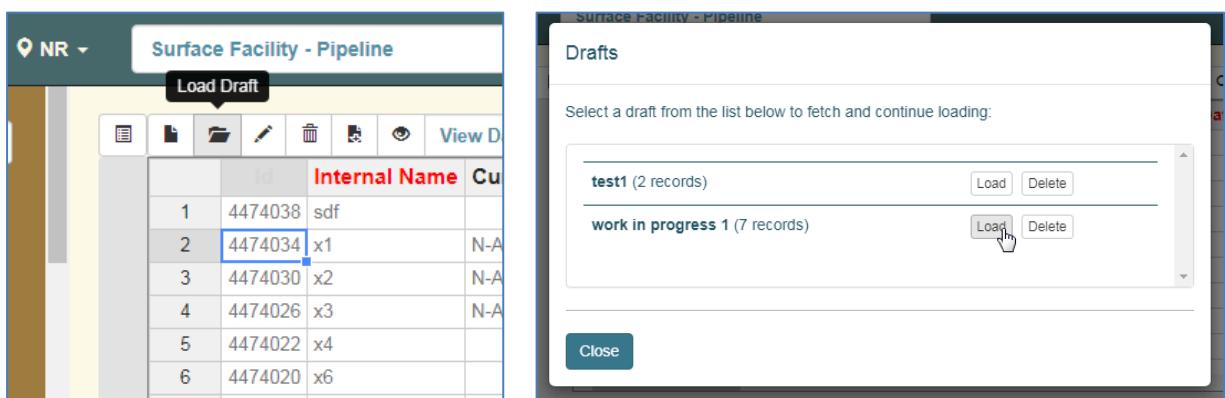
1. Save / Load Draft
2. Load Data from Excel
3. Visualize data
4. Search data
5. Template download
6. Data Download
7. Browse Related Information
8. View Spatial Data in Map

### ***Save / Load draft***

If you are in the midst of a loading task and have to leave for another work or if all data is not available, you can save a temporary working draft and log out without losing your work. Later, you can retrieve the draft and continue loading data. To save a working draft, click on *Save Draft* and specify a name for the draft dataset.



Later, you can click on *Load Draft* to load the saved draft and continue working.



### ***Load Data from Excel***

To load data from excel file directly, click on the Load from Excel icon after entering load mode:

	<b>Id</b>	<b>UBHI</b>	Borehole Name
1			
3			
4			
5			

A popup opens. You can click and choose an Excel file or drag-drop one into the selection area.

Drag and drop input file here or Click here to select data file (XLS/XLSX format)

Please drag and rearrange columns to match the Dataloader. Once done, click **Finish**

**Column Order as in DataLoader :**

A	B	C	D	E	F	G	H
<b>Id</b>	<b>UBHI</b>	Borehole Name	Cuttings ID	<b>Top Depth(m)</b>	Base Depth(m)	Lithology	Lithology Percent (%)

After selecting the excel file, the interface allows you to reorder, insert or remove columns to match the loader column interface.

Drag and drop input file here or Click here to select data file (XLS/XLSX format)

Please drag and rearrange columns to match the Dataloader. Once done, click **Finish**

**Column Order as in DataLoader :**

A	B	C	D	E	F	G
<b>Id</b>	<b>UBHI</b>	Borehole Name	Cuttings ID	<b>Top Depth(m)</b>	Base Depth(m)	Lithology

**Column Order as in Excel Sheet :**

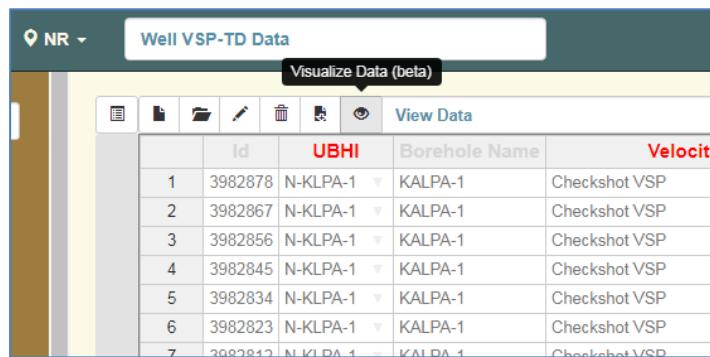
A	B	C	<b>D</b>	E	F
UBHI	CUT_ID	<b>NAME</b>	TRUNC(TOP,2)	TRUNC(BAS	
TEST-4	CT-19	F1-1	395	400	
TEST-4	CT-19	F1-1	395	400	
TEST-4	CT-18	F1-1	385	395	
TEST-4	CT-17	F1-1	380	385	

When you click Finish, the reordered data is copied to loader form for loading into database.

	<b>Id</b>	<b>UBHI</b>	Borehole Name	<b>Cuttings ID</b>	<b>Top Depth(m)</b>	<b>Base Depth(m)</b>
1						
2	TEST-4	F1-1		CT-19	395.00	400.00 LIME
3	TEST-4	F1-1		CT-19	395.00	400.00 CLAY
4	TEST-4	F1-1		CT-18	385.00	395.00 SAND
5	TEST-4	F1-1		CT-17	380.00	385.00 CLAY
6	TEST-4	F1-1		CT-16	360.00	380.00 SAND
7	TEST-4	F1-1		CT-15	345.00	360.00 CLAY

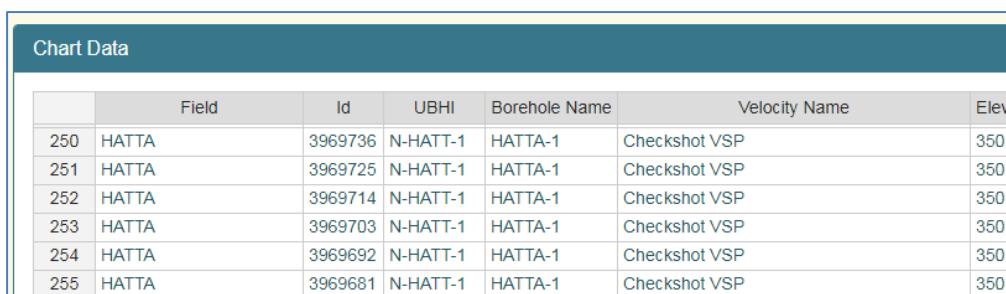
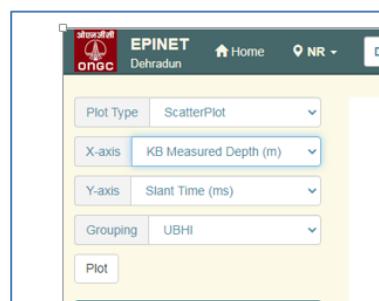
## Visualize Data

With any data in view, click on Visualize option to open the plot interface



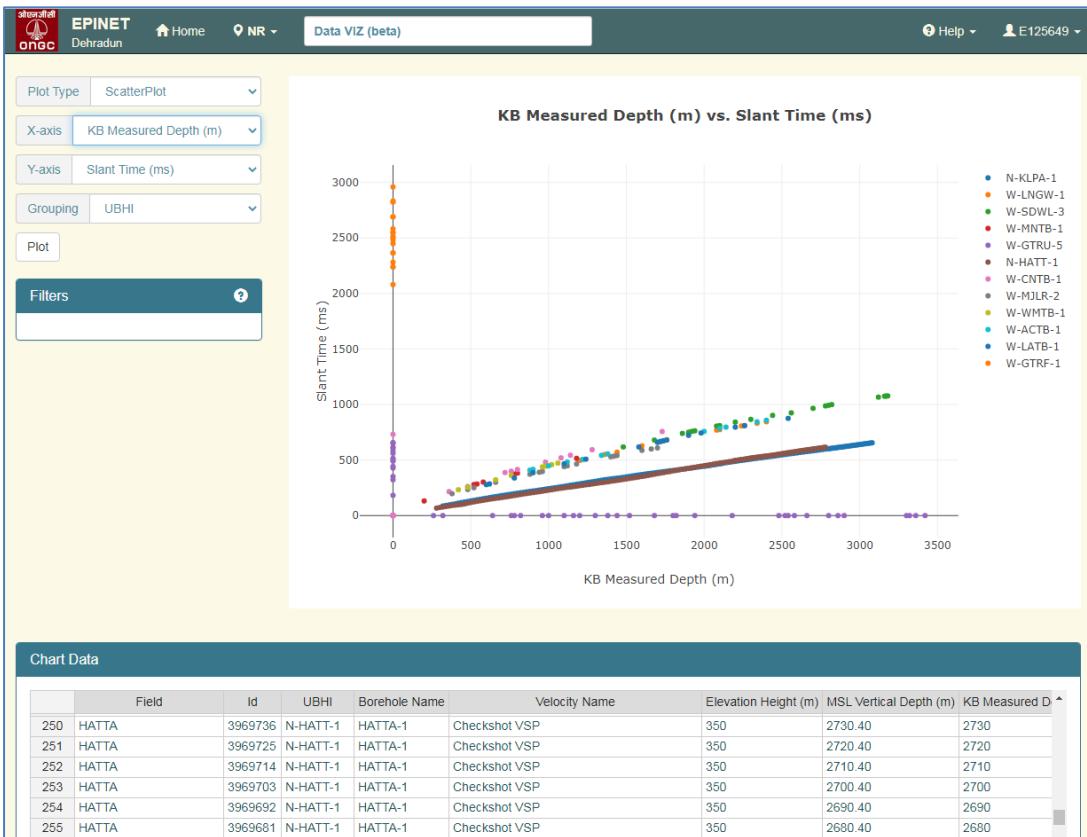
	<b>Id</b>	<b>UBHI</b>	Borehole Name	<b>Velocity</b>
1	3982878	N-KLPA-1	KALPA-1	Checkshot VSP
2	3982867	N-KLPA-1	KALPA-1	Checkshot VSP
3	3982856	N-KLPA-1	KALPA-1	Checkshot VSP
4	3982845	N-KLPA-1	KALPA-1	Checkshot VSP
5	3982834	N-KLPA-1	KALPA-1	Checkshot VSP
6	3982823	N-KLPA-1	KALPA-1	Checkshot VSP
7	3982812	N-KLPA-1	KALPA-1	Checkshot VSP

In the interface, you can plot any column against another column.



	Field	Id	UBHI	Borehole Name	Velocity Name	Elev
250	HATTA	3969736	N-HATT-1	HATTA-1	Checkshot VSP	350
251	HATTA	3969725	N-HATT-1	HATTA-1	Checkshot VSP	350
252	HATTA	3969714	N-HATT-1	HATTA-1	Checkshot VSP	350
253	HATTA	3969703	N-HATT-1	HATTA-1	Checkshot VSP	350
254	HATTA	3969692	N-HATT-1	HATTA-1	Checkshot VSP	350
255	HATTA	3969681	N-HATT-1	HATTA-1	Checkshot VSP	350

Any data class in EPINET can be plotted with this plot tool directly accessible from DataLoader at the click of a button. Below is a screenshot showing VSP data that has been plotted. This can be used to do a quick Quality Check (QC) of any data that has been loaded.



## Search data

The screenshot shows the "Search Data" tool interface. At the top, there is a toolbar with a "Search" button, a message "Loaded 500 of 3247 records", and download icons. Below the toolbar is a table with three columns: "Borehole Name", "Elevation Height (m)", and "MSL Ver". The first row shows "300.00" in all three columns. The second row also shows "300.00" in all three columns.

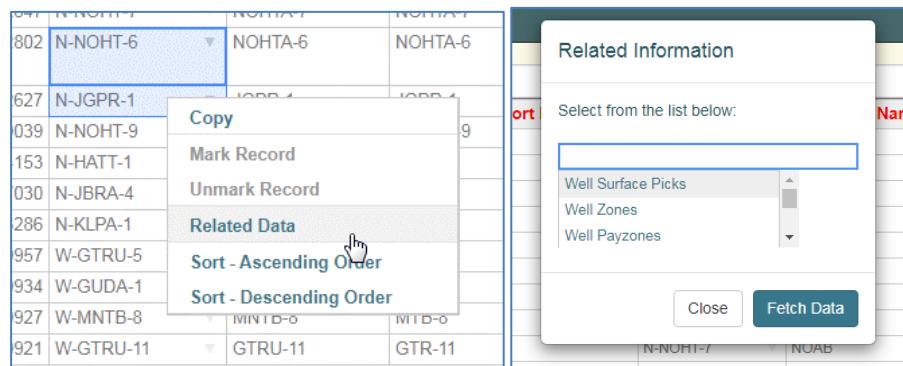
Clicking on search button in toolbar opens up the search tool which gives you all the options you need to search for data.

The screenshot shows a detailed search dialog titled "Search". It includes a table with columns: "Field", "Condition", "Value", and "Case Sensitive". The "Field" column lists various parameters: Id, UBHI, Borehole Name, Velocity Name, Elevation Height (m), MSL Vertical Depth (m), KB Measured Depth (m), MSL Measured Depth (m), Tpick (s), TT (s), SGO (m), TV (s), TS (s), and Slant Time (ms). The "Condition" column provides dropdown menus for each field, such as "is exactly", "contains", "starts with", etc. The "Value" column contains input fields for the search terms. The "Case Sensitive" column has checkboxes next to each row. At the bottom right are "Close" and "Search" buttons.



## Browse related information

This feature allows user to lookup child data from a parent table/form. To browse for related data, right click on grid after selecting records for which you need to see related information



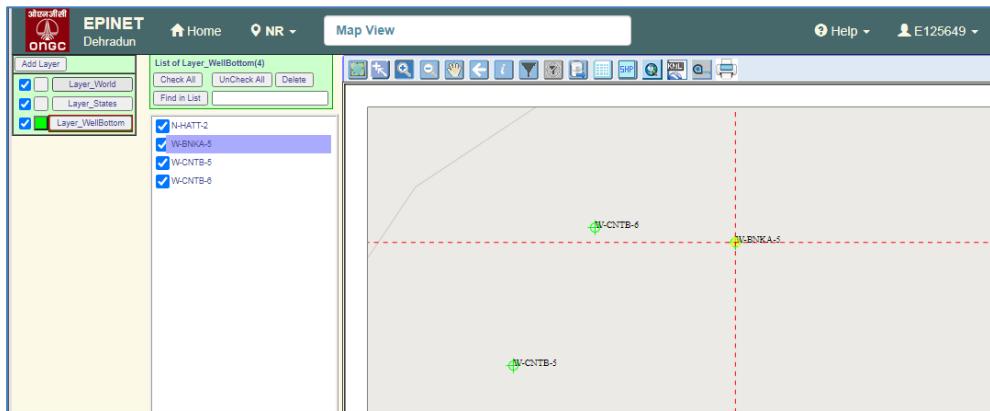
This opens a new form showing all related data classes available for the selected data. Pick one and click on Fetch data to see related data in a new form.

Well Conventional Core Data								
	ID	UBHI	Borehole Name	Core Id	Top Depth(m)	Bottom Depth(m)	Formation	Core
1	4444766	N-NOHT-6	NOHTA-6	CC-1	0.10	0.20		
2	4073274	N-JGPR-1	JGPR-1	CC-1	1961.00	1963.65	SAMARIYA SHALE	07-Jul-0
3	4073274	N-JGPR-1	JGPR-1	CC-1	1961.00	1963.65	SAMARIYA SHALE	07-Jul-0
4	4073274	N-JGPR-1	JGPR-1	CC-1	1961.00	1963.65	SAMARIYA SHALE	07-Jul-0
5	4073274	N-JGPR-1	JGPR-1	CC-1	1961.00	1963.65	SAMARIYA SHALE	07-Jul-0

## Visualize Spatial Data in Map

This is available for tables containing shape information such as Wells, Lease, Seismic Surveys, etc. Whenever map viewing options are available, Orange coloured icons appear in the toolbar. Selecting items in the grid and click in the view icon would open the Map view and display the selected records.

	ID	UBHI	Borehole Name	Short Name	UWI	Release Date
1	4466139	TEST-4	F1-1	F1-1	TEST-4	F1-1
2	4451596	W-GMWL-1	GAMNEWALA-1	GMWL-1	W-GMWL-1	RJ-GMN-1
3	4451558	N-NOHT-10	NOHTA-10	NOHT-10	N-NOHT-10	NOAE
4	4447327	W-BNKA-5	BNK-5	BNK-5	W-BNKA-5	BNAB
5	4108052	W-CNTB-6	CNTB-6	CTAC	W-CNTB-6	CTAC
6	4107146	W-CNTB-5	CNTB-5	CTAD	W-CNTB-5	CTAD
7	4107110	N-HATT-2	HATTA-2	HATT-B	N-HATT-2	B-HAT-B
8	4072862	N-NOHT-8	NOHTA-8	NOHTA-8	N-NOHT-8	NOAC
9	4072847	N-NOHT-7	NOHTA-7	NOHTA-7	N-NOHT-7	NOAB
10	4072802	N-NOHT-6	NOHTA-6	NOHTA-6	N-NOHT-6	NOAA



Special view options are also available for Deviation Data, Lease Data and Custom Polygon data (to view in map as well as to view shape and points) and for Seismic surveys.

MD	Inclination	Azimuth
610	7500	360
620	1	360
629	2	360
639	2.25	360
675	5	365
678	4	350
680	6	351
765	8.75	348
815	11	345
881	12.5	347
939	16.75	347
965	16.75	346.5
1020	14	347.5
1082	9	346.5
1140	5.5	349
1185	4	344.5

ID	Survey Name	Line name	Project Name	Data Store
1	VIDNON-SNV2D-MP11	MP11_02_02A	MP	DEHRADUN
2	VIDNON-SNV2D-MP11	MP11_01_01A	MP	DEHRADUN
3	GANGON-GANG2D-UP73	UP73_05REP	UP	DEHRADUN
4	GANGON-GANG2D-UP73	UP73_04REP	UP	DEHRADUN
5	GANGON-GANG2D-UP71	UP71_01A01B	UP	DEHRADUN
6	GANGON-GANG2D-UP71	UP71_01BREP	UP	DEHRADUN
7	GANGON-GANG2D-UP71	UP71_01AREP	UP	DEHRADUN
8	GANGON-GANG2D-UP71	UP71_01REP	UP	DEHRADUN

# Log Data Loader

Open Regional Homepage of EPINET. Select Data Loader Module. To launch Logging Loader Click on ‘Log Data Loader’ under Logs Node.

Perquisite: Java 7

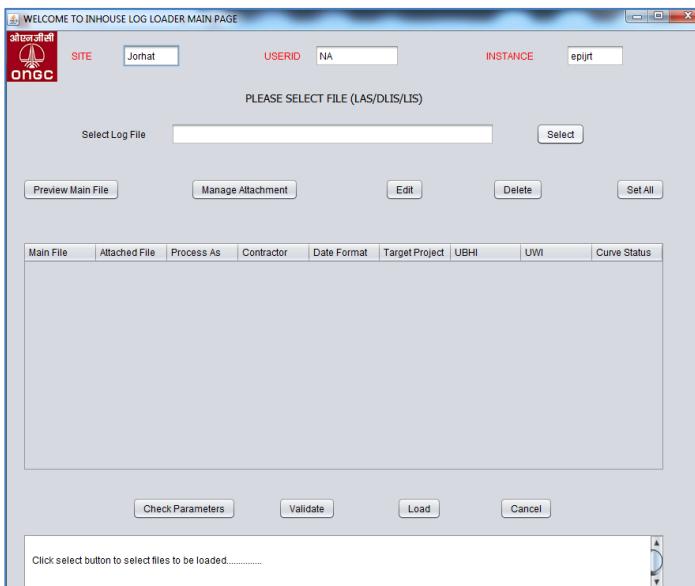
The screenshot shows the EPINET regional homepage. At the top left is the ONGC logo and the text "EPINET Dehradun". The main menu on the right includes "Geology", "Chemistry Lab", "Petrophysical Lab", "PVT Lab", "CBM", "Drilling", "Reservoir", "Enhanced Oil Recovery (EOR)", "Production", "Seismic", and "Logs". The "Logs" menu is expanded, showing "Log Data Loader" (which is circled in blue), "Well Logs Recorded", "Raw Log", "Raw Log File", "Raw Log Associated Doc", "Raw Log Pass", "Raw Log Parameters", "Raw Log Channels", "Composite Log", "Composite Log File", "Comp/Proc/Con. Log Asso. Doc", "Processed Log", "Processed Log File", "Conditioned Log", "Conditioned Log File", and "Culture Data". Below the menu, there's a "Welcome to EPINET" banner featuring an oil pump jack at sunset and a server rack. A sidebar on the left lists "String S" and various dates. Below the banner are several icons: "Data Viewer" (binoculars), "Location Map" (compass), "Utilities" (cogs), "Data Loader" (database), "GTO" (document), "Helpdesk" (person with question mark), "e-Core Library" (books), and "CEGDIS" (document).



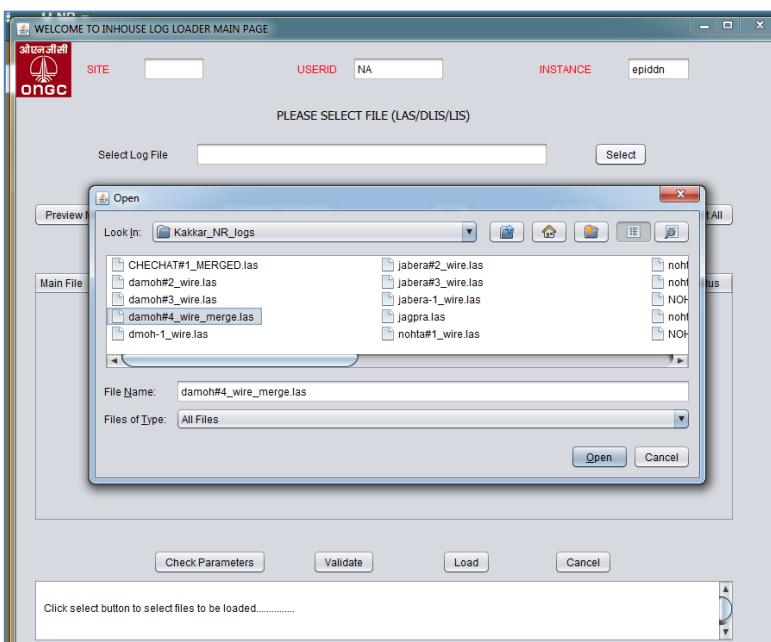
Enter your credentials:

*UserID* and *Password* to login to Log Loader Page

Users must have Java 1.7 running on their Destops



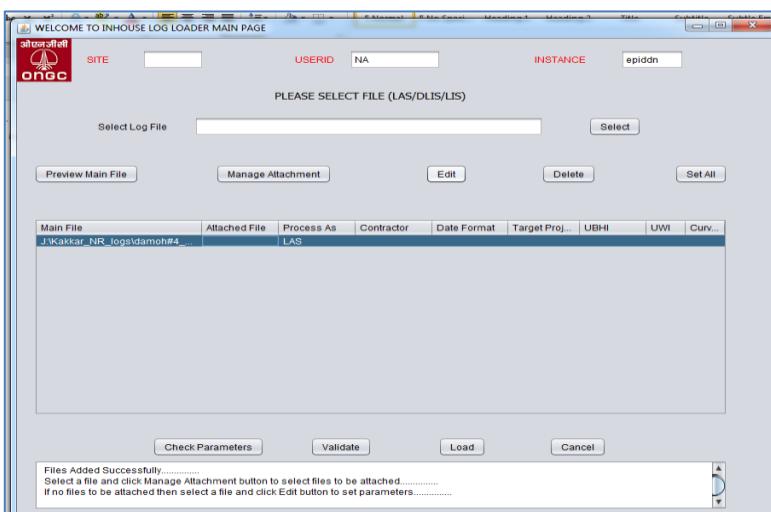
Enter Select button to choose Log files LAS/DLIS/LIS to be loaded in-house Log Loader Page



Select the file(s) from relevant folder from your desktop computer

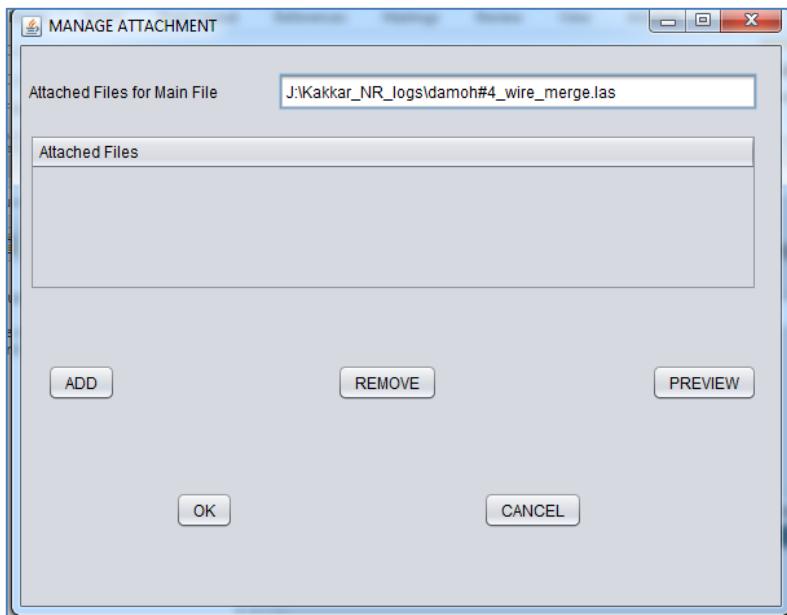
We are choosing one merged log file of well named DMOH-4

In case of raw logs normally we can choose multiple files of same well to be loaded simultaneously.

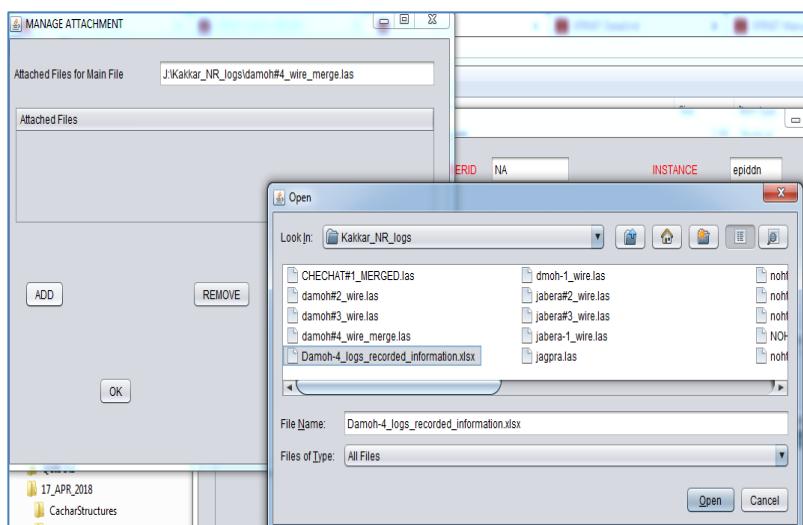


Selected file will be visible in the list.

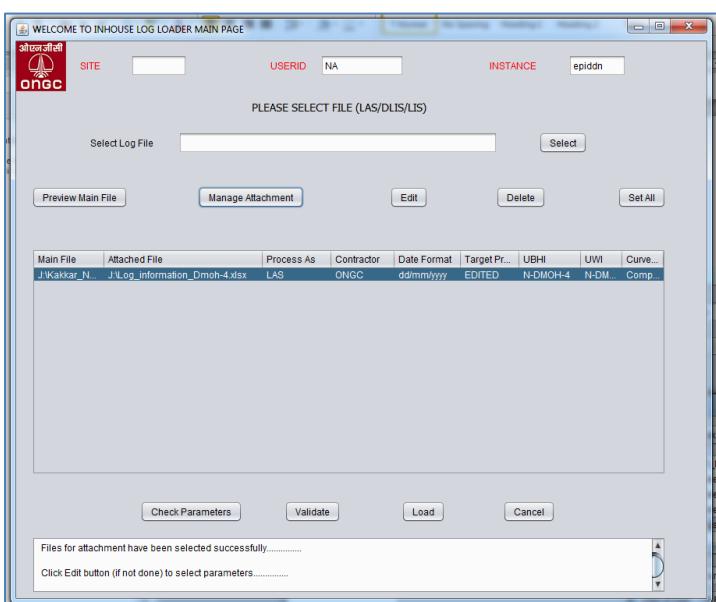
In case you want to attach some other file(s) as attachment with Log data file, Press 'Manage Attachment' button.



Press ADD button to add the attachment file.

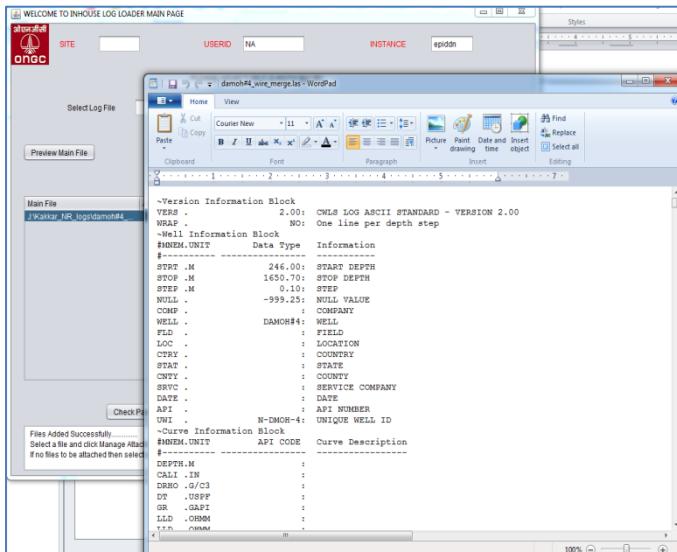


Select the file to be attached.

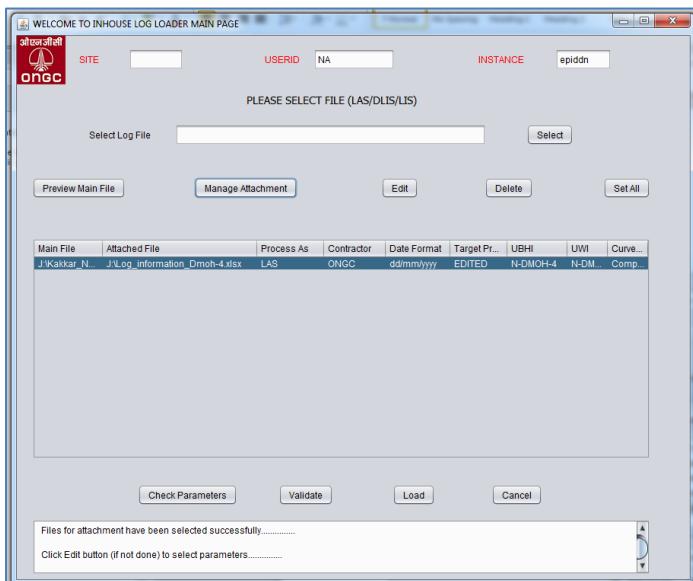


You can view the attached file in the 'Attached File' column

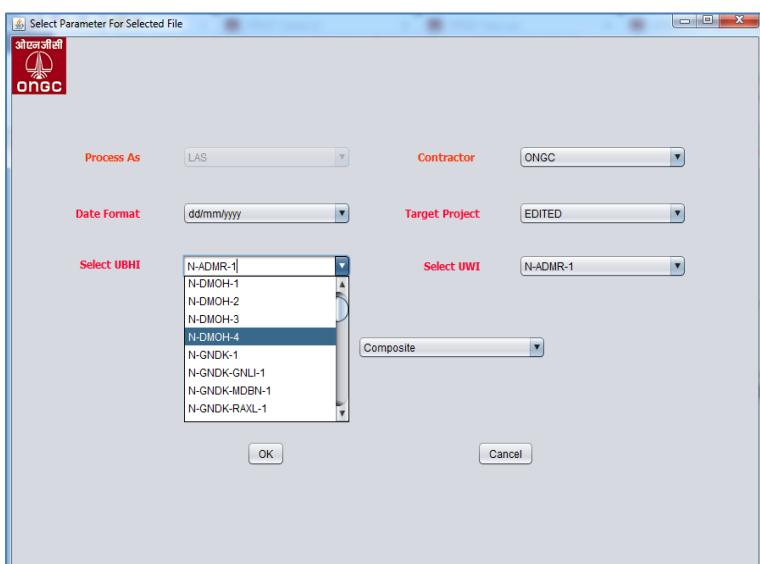
Press the 'Preview' button to view the log file before loading.



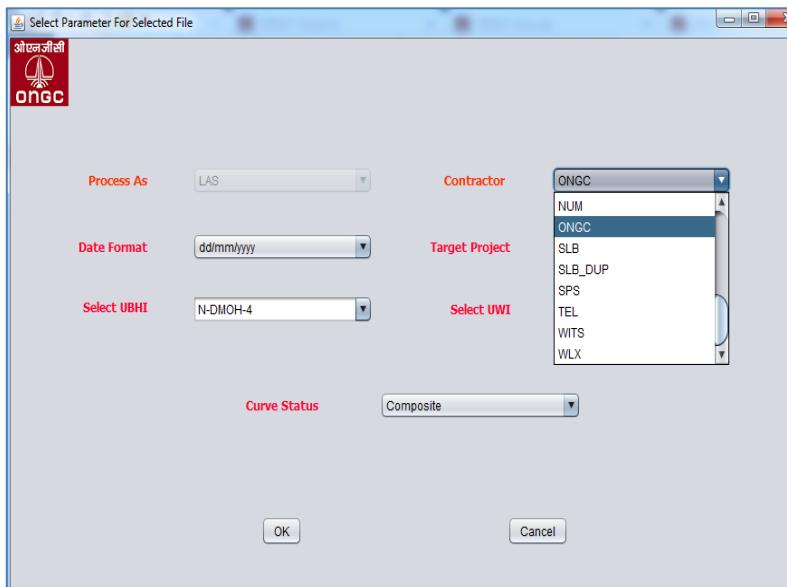
Preview of Log file to be loaded.



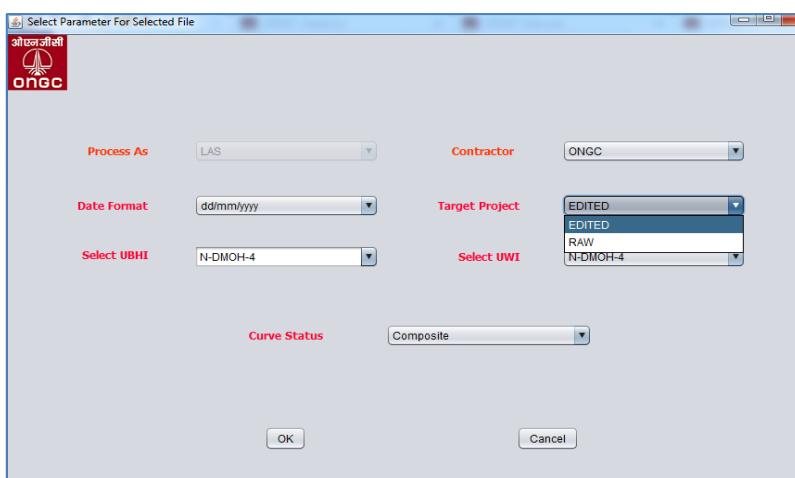
Select Main file and Press 'Edit' Button to edit the log file.



Select the relevant UBHI from the 'Select UBHI' LOV

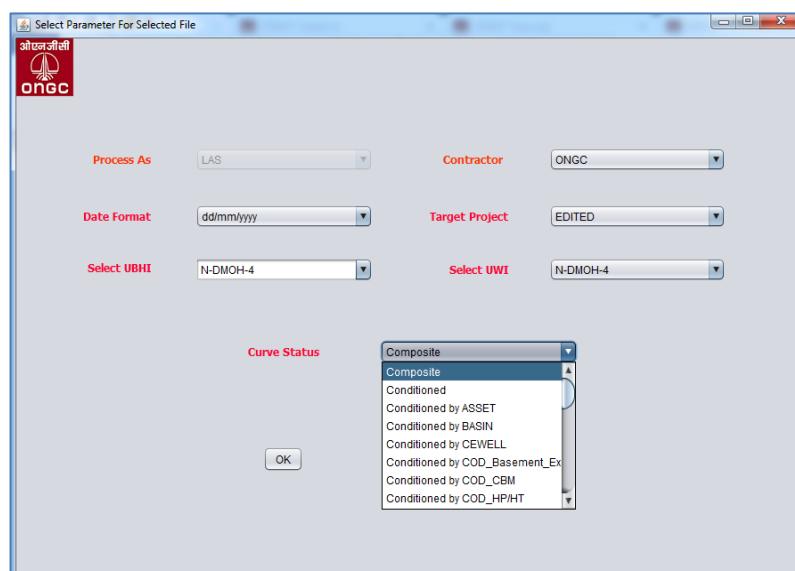


Select relevant Contractor name from the 'Contractor' LOV

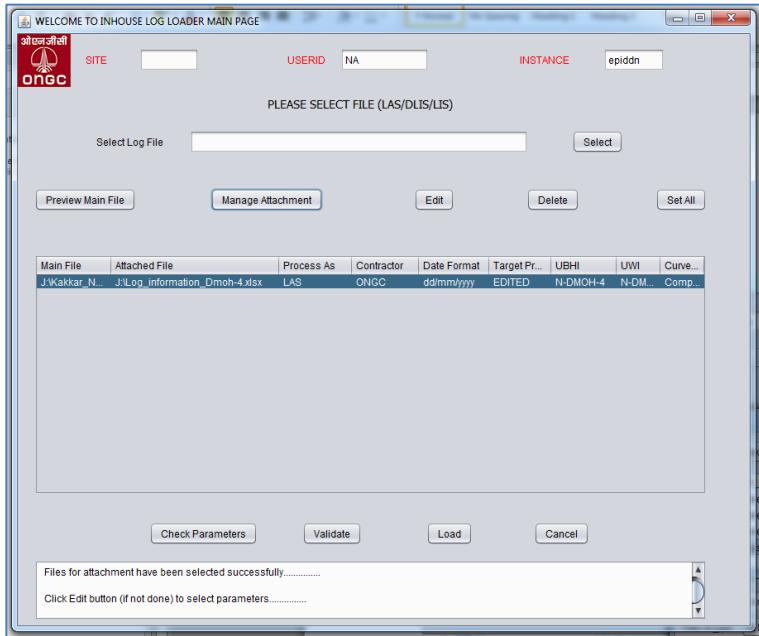


Select relevant Project from 'Target Project' LOV.

Select 'RAW' option for original Logs and 'EDITED' for Merged and all kinds of edited logs.



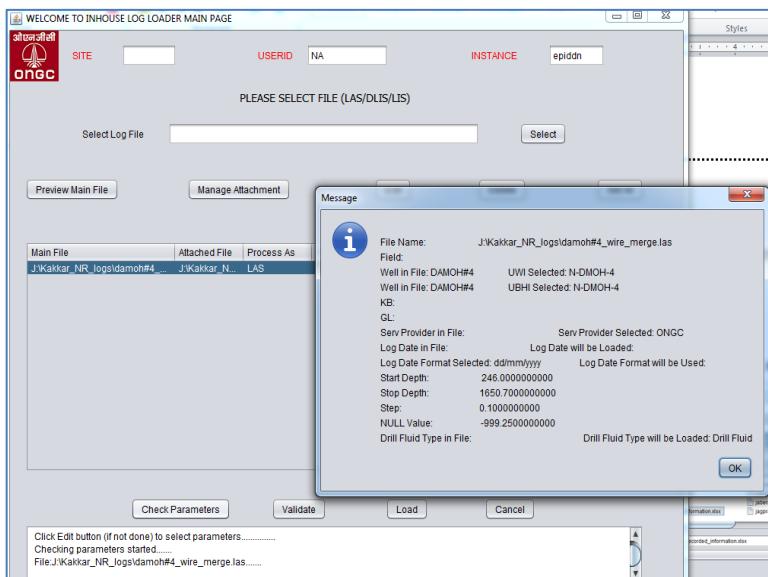
Finally select relevant 'Curve Status' LOV carefully and Press OK.



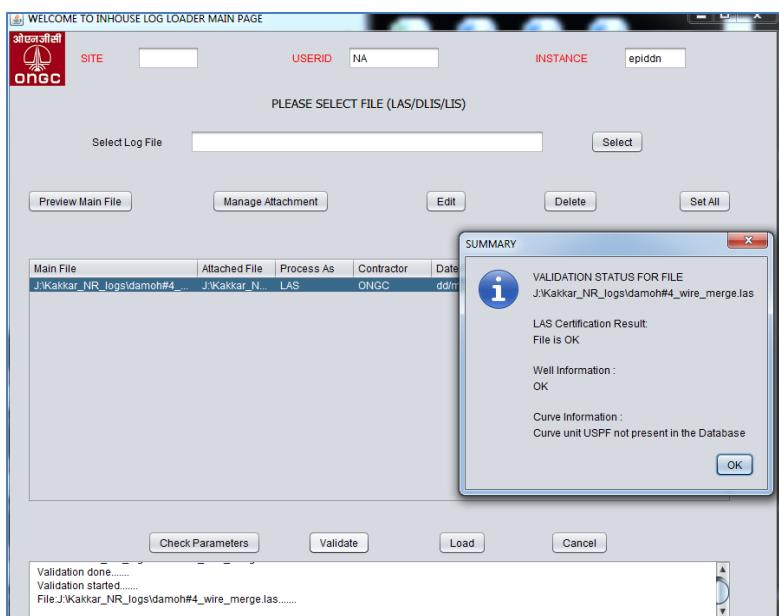
From Main Loader Page, confirm the file(s) to be loaded.

In case you want to delete any file. Select the file and Press 'Delete' Button.

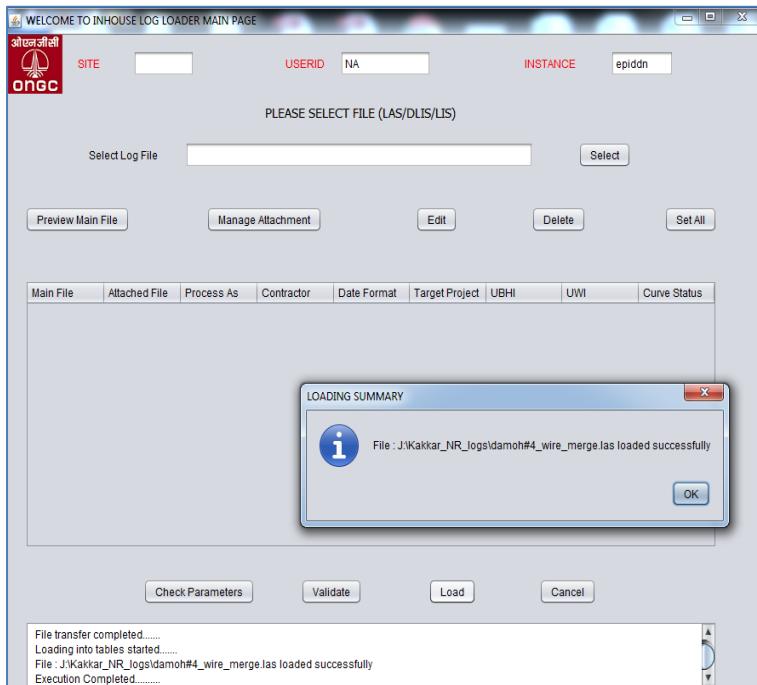
In case of many files, you can select 'Set All' option to pass same values to the selected files which were set for the main file.



Once all the parameters are set Press 'Check Parameters' button to review the basic parameters.



Press 'Validate' button to validate the log data of the file.



Press ‘Load’ button to load the Log data file(s) into the EPINET system.

To confirm successful loading and QC of log, launch EPINET Data Viewer module and view log curves of the well whose data has been loaded as shown below.

SI	Select	TRACE_ID	TRACE_TYPE	SET_ID	POSITION_IN_SET	SOURCE	TOP	BOTTOM	DEPTH_INCR	TRACE_UNIT	VERSION	MIN_VALUE	MAX_VALUE	MEAN_VALUE	SAMPLE_COUNT
1.	<input checked="" type="checkbox"/>	4474097	CALI	4474095	2	Composite	246	1650.7	0.1	IN	2	8.0908002853	16.6327991486	9.8702383827	14048
2.	<input checked="" type="checkbox"/>	4474096	DEPTH	4474095	1	Composite	246	1650.7	0.1	M	2				
3.	<input checked="" type="checkbox"/>	4474098	DRHO	4474095	3	Composite	246	1650.7	0.1	G/C3	2	-1.0673999786	0.5245000124	0.0226112631	14048
4.	<input checked="" type="checkbox"/>	4474099	DT	4474095	4	Composite	246	1650.7	0.1	NONE	2	46.9665985107	156.4640045166	64.9898450143	14048
5.	<input checked="" type="checkbox"/>	4474100	GR	4474095	5	Composite	246	1650.7	0.1	GAPI	2	17.7385997772	396.5616149902	111.4539410113	14048
6.	<input checked="" type="checkbox"/>	4474101	LLD	4474095	6	Composite	246	1650.7	0.1	OHMM	2	0.6970999837	5189.1513671875	146.332932816	14048
7.	<input checked="" type="checkbox"/>	4474102	LLD	4474095	7	Composite	246	1650.7	0.1	OHMM	3	0.6970999837	5189.1513671875	144.2500161443	14048
8.	<input checked="" type="checkbox"/>	4474103	LLS	4474095	8	Composite	246	1650.7	0.1	OHMM	2	0.5874000192	4748.32421875	137.3483876703	14048
9.	<input checked="" type="checkbox"/>	4474104	MSFL	4474095	9	Composite	246	1650.7	0.1	OHMM	2	0.1846999973	10182.6259765625	131.3247009476	14048
10.	<input checked="" type="checkbox"/>	4474105	NPHI	4474095	10	Composite	246	1650.7	0.1	V/V	2	-0.0026189999	0.6631510258	0.1096165515	14048
11.	<input checked="" type="checkbox"/>	4474106	PE	4474095	11	Composite	246	1650.7	0.1	B/E	2	1.168900013	5.9604001045	3.2812807114	14048
12.	<input checked="" type="checkbox"/>	4474107	RHOB	4474095	12	Composite	246	1650.7	0.1	G/C3	2	1.2745000124	2.8840999603	2.6711490917	14048
13.	<input checked="" type="checkbox"/>	4474108	SP	4474095	13	Composite	246	1650.7	0.1	MV	2	-77.1739987896	53.9351005554	-11.3756089781	14048

Select the curves loaded and press ‘Click to view Curve’ to view the curves to check the quality of data.

**EPINET**  
Dehradun

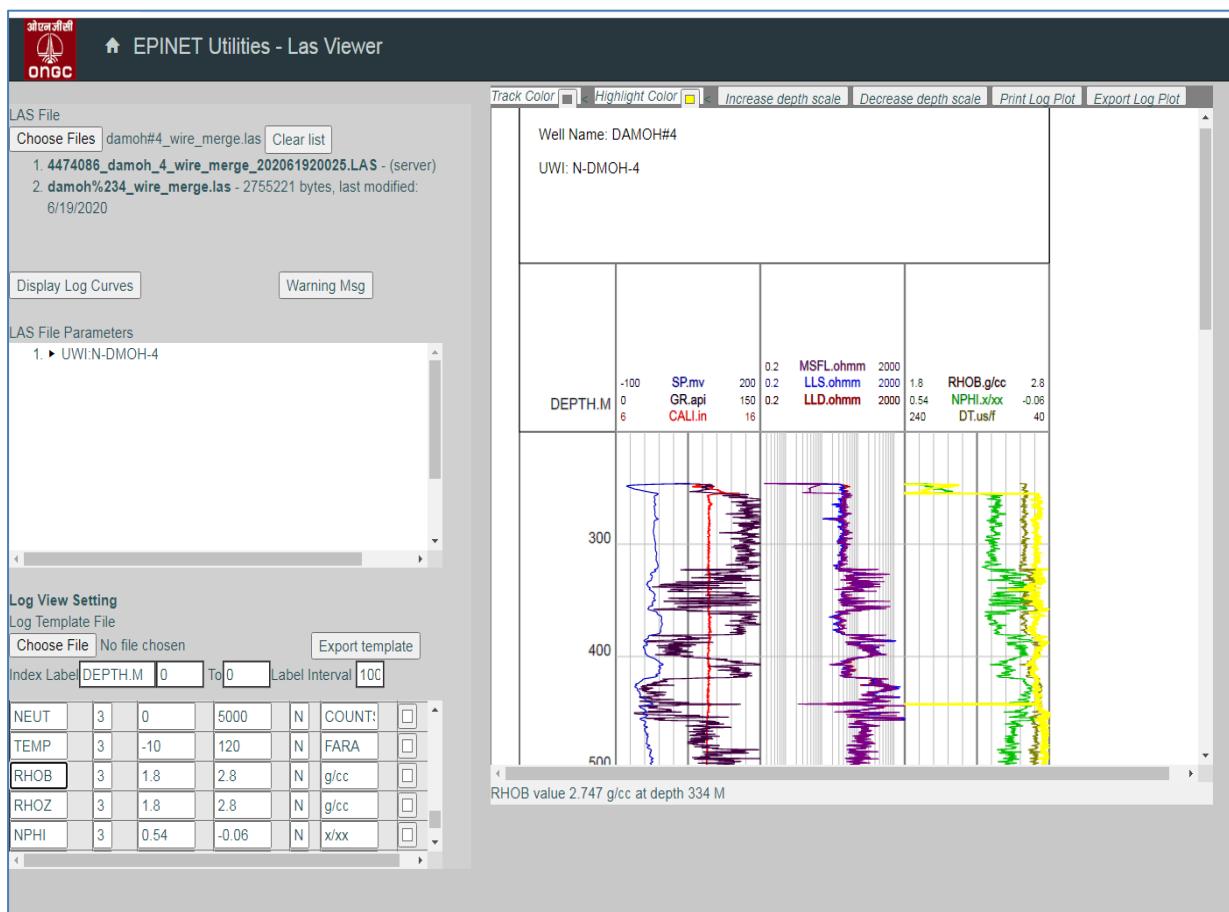
--nf-Extracted Selected data from LAS  
**Curves Downloaded for UWI:N-DMOH-4**

No.	Traces	LAS File	View Curve
1	DEPTH,CALI,DRHO,DT,GR,LLD,LLS,MSFL,NPHI,PE,RHOB,SP	<a href="#">Right click to download</a>	<a href="#">Click to view Curve</a>

[Merge multiple LAS files into single file \( for given depth incr.\).](#)

Developed and maintained by EPINET

EPINET LAS Viewer confirms loading of validated log data.

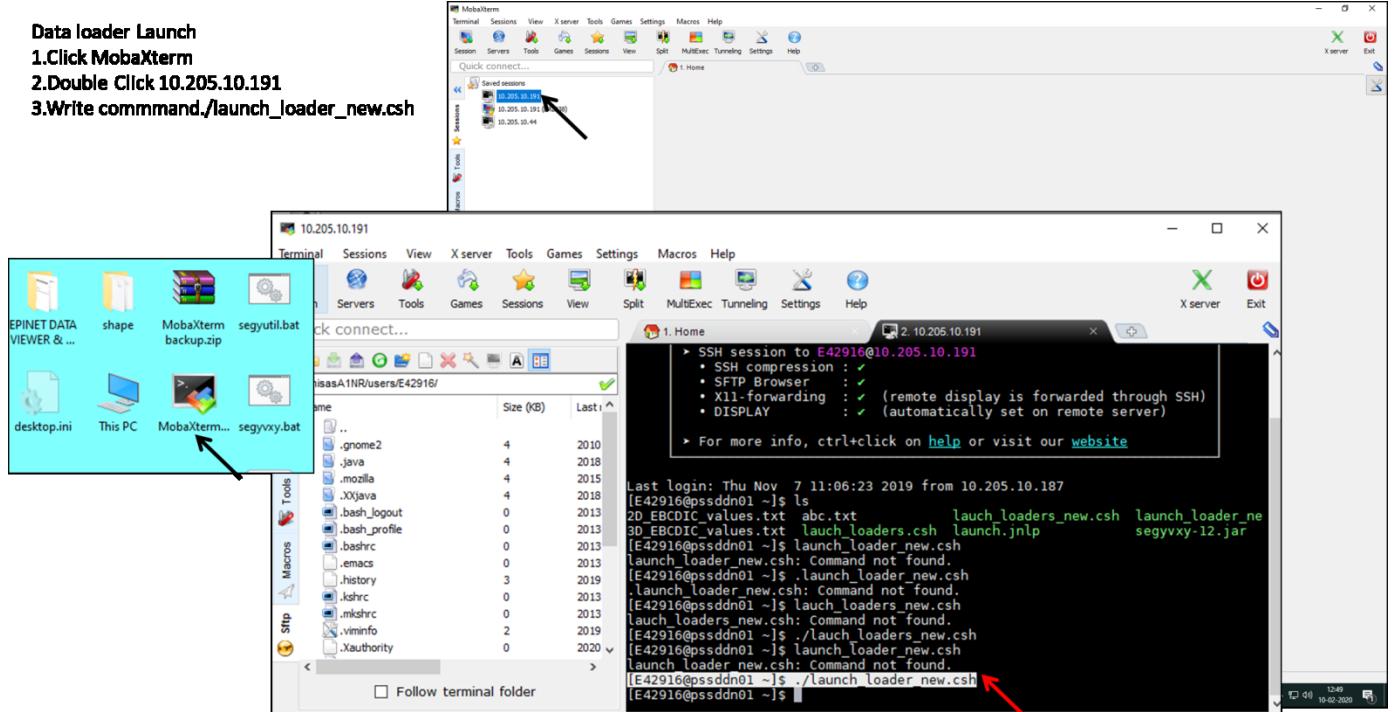


# 2D Seismic Data Loader

This Module is aimed for the users to enable them to edit 2D/3D Seismic Data, Load Seismic data, Navigation data and after QC of files keep them for repository in EPINET

- Step1: Editing of Seismic segy files
- Step2: QC of SegY and navigation files.
- Step3: Loading of seismic data at EPINET

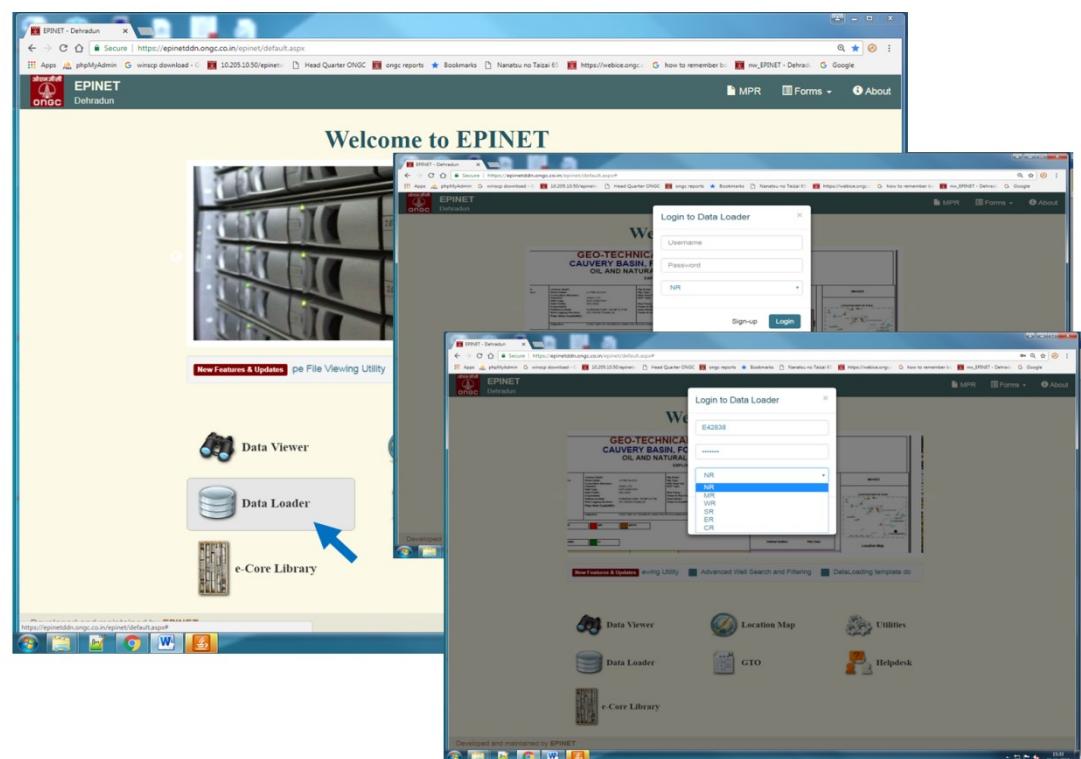
You can open Seismic loader by logging on to the fileserver:



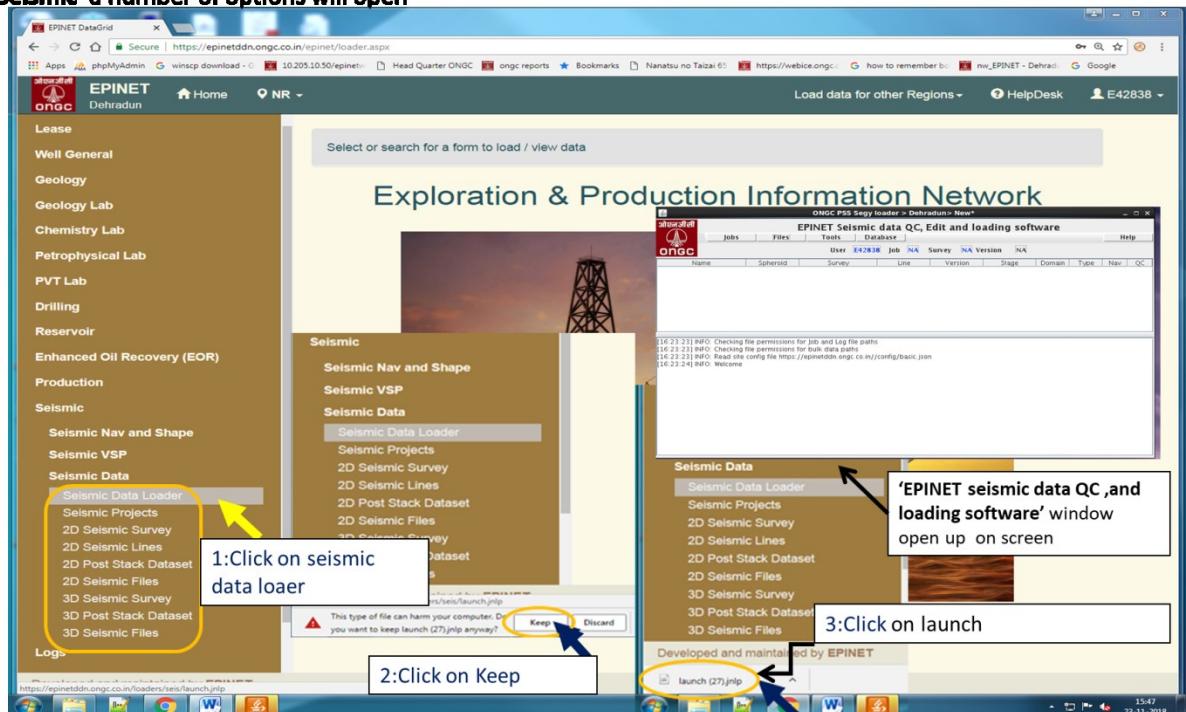
Or you can open Seismic loader from windows through the portal by following the steps listed below:



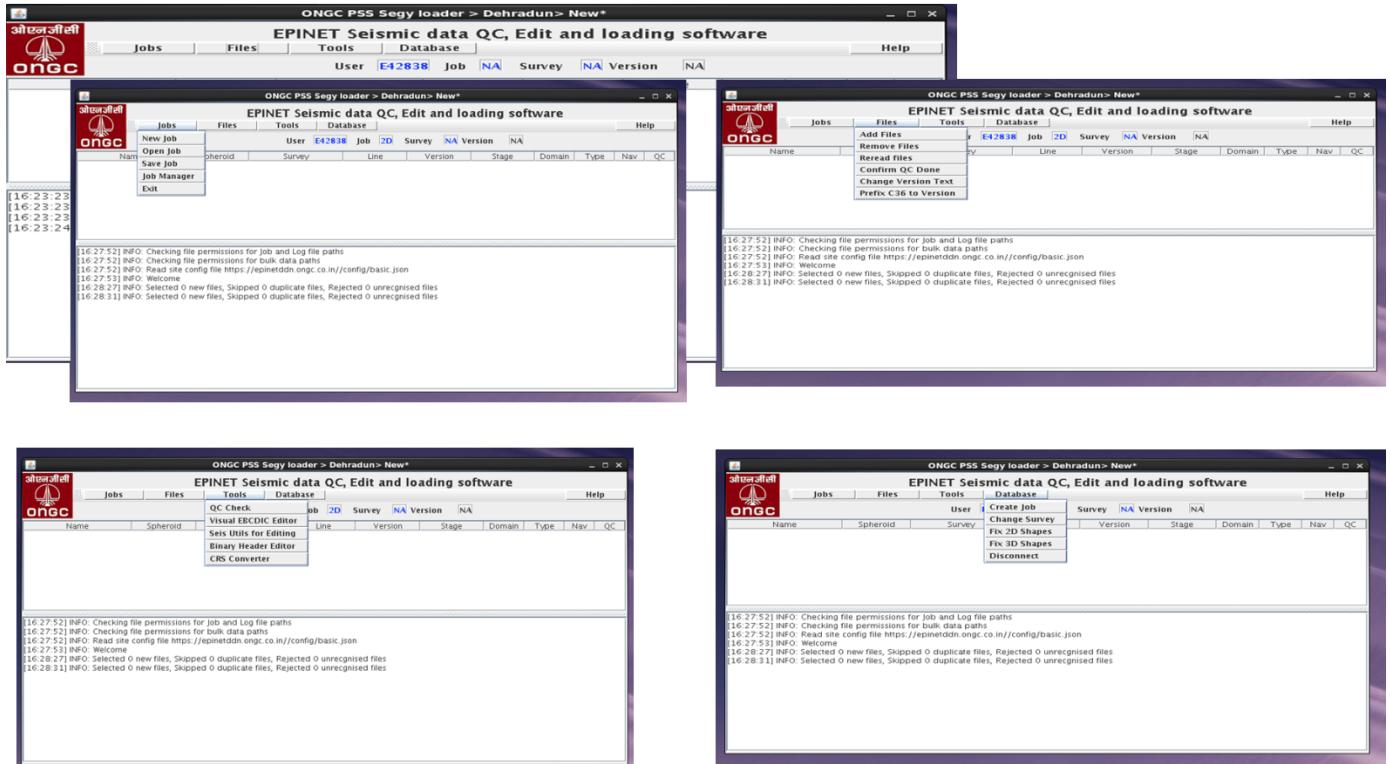
**Login Data Loader Window**  
 Click on 'Data Loader' pop-up for log in to Data Loader open.  
 Enter Username, Password and Region name as  
**EPINET Data Grid window will open**



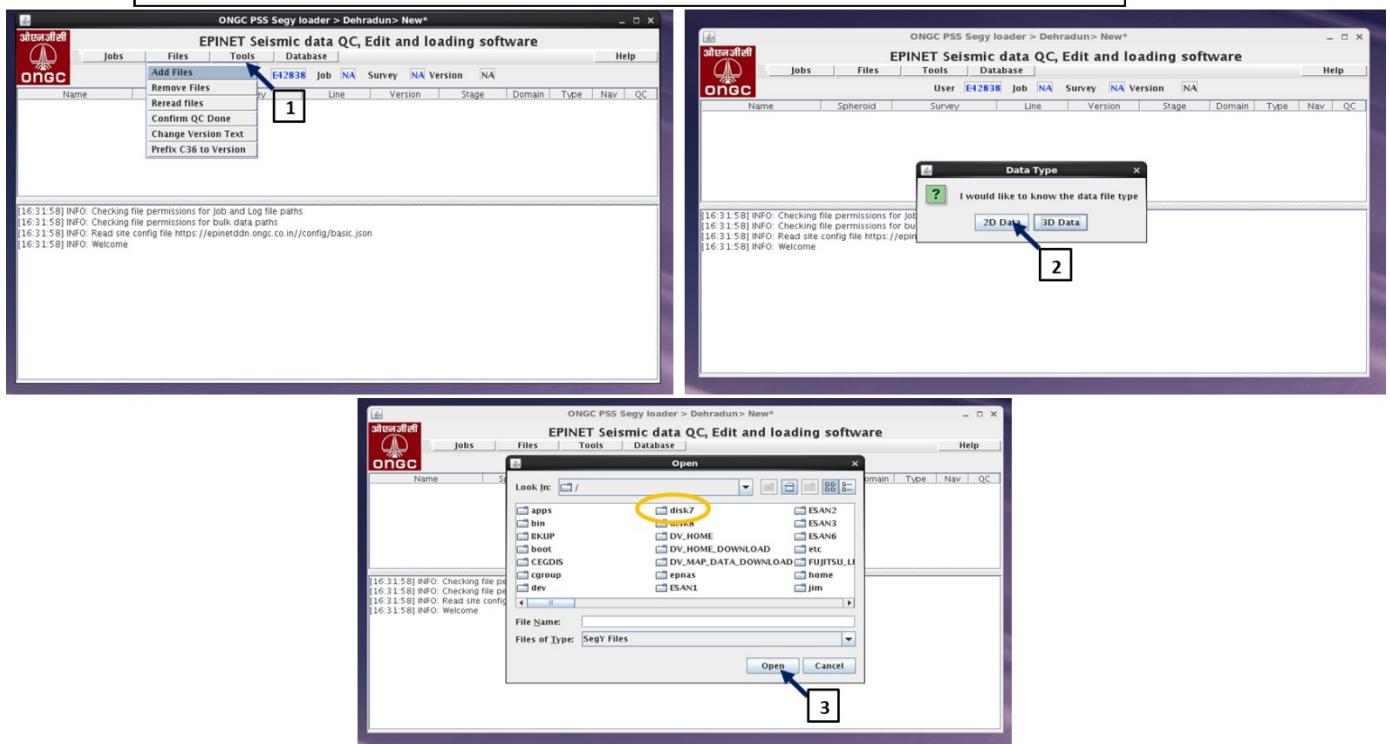
**By Clicking on 'Seismic' a number of options will open**



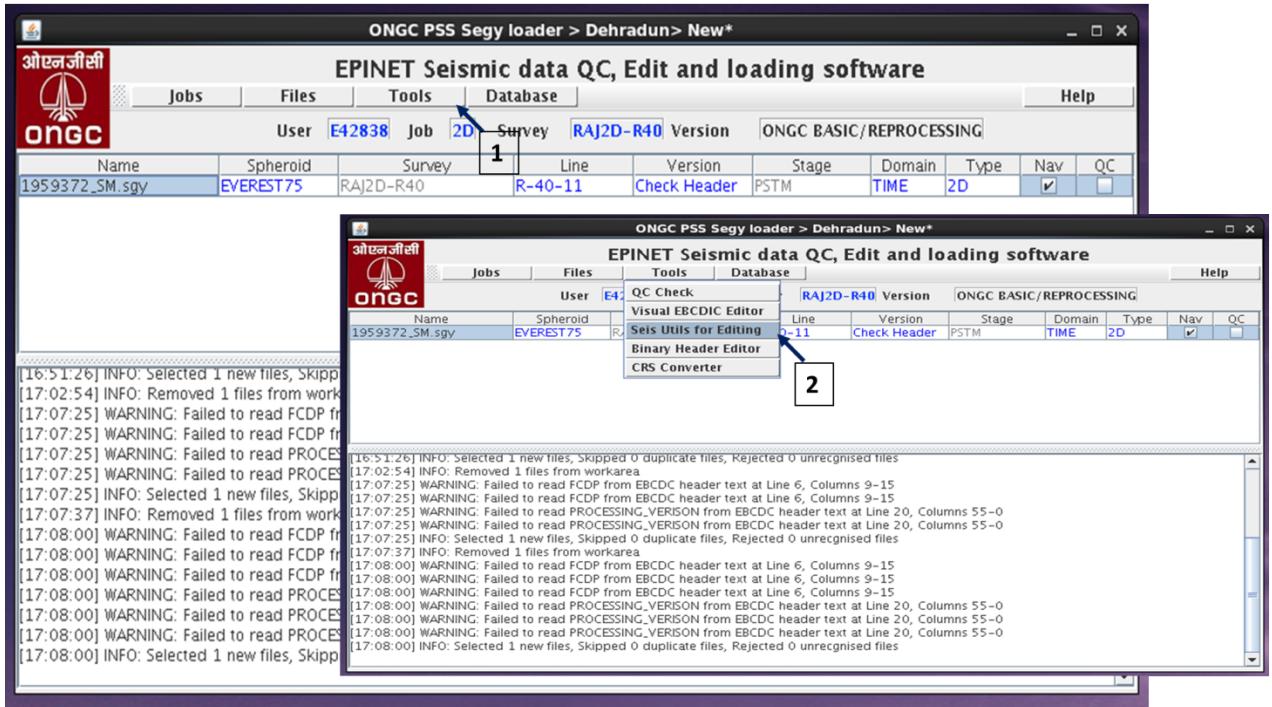
The main window offers certain jobs that can be performed with the help supported buttons



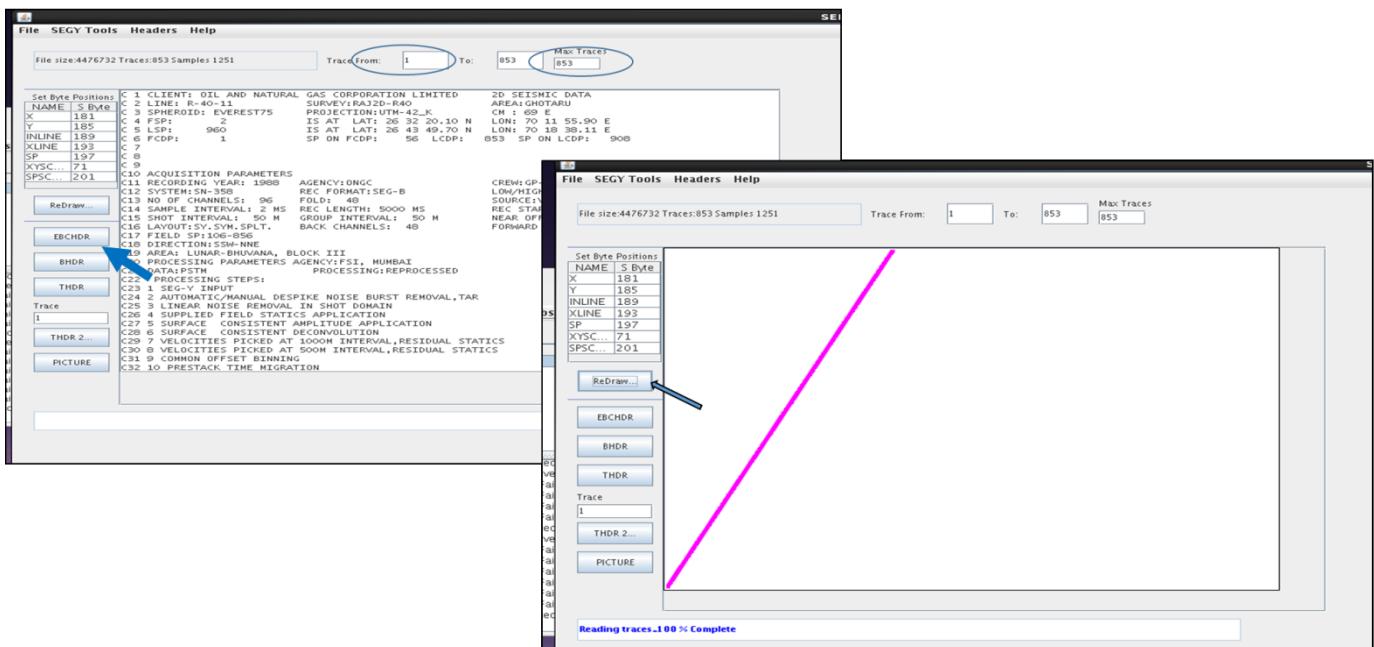
Selection of a 2D seismic file for loading & editing is depicted in three slides.  
Click on **Add files** then on **2D** and then browse SEGY File to be edited.



Click on option buttons 'Tools' new buttons will appear ,then click on 'Seis Utils for Editing 'SegY Utility window open up as displayed in next slide



A line can be seen in the window.Enter max traces encircled then click on 'EBCHDR ' then on 'Redraw' the header will be displayed .



Visual EBCDEC header and Trace header has following Informations

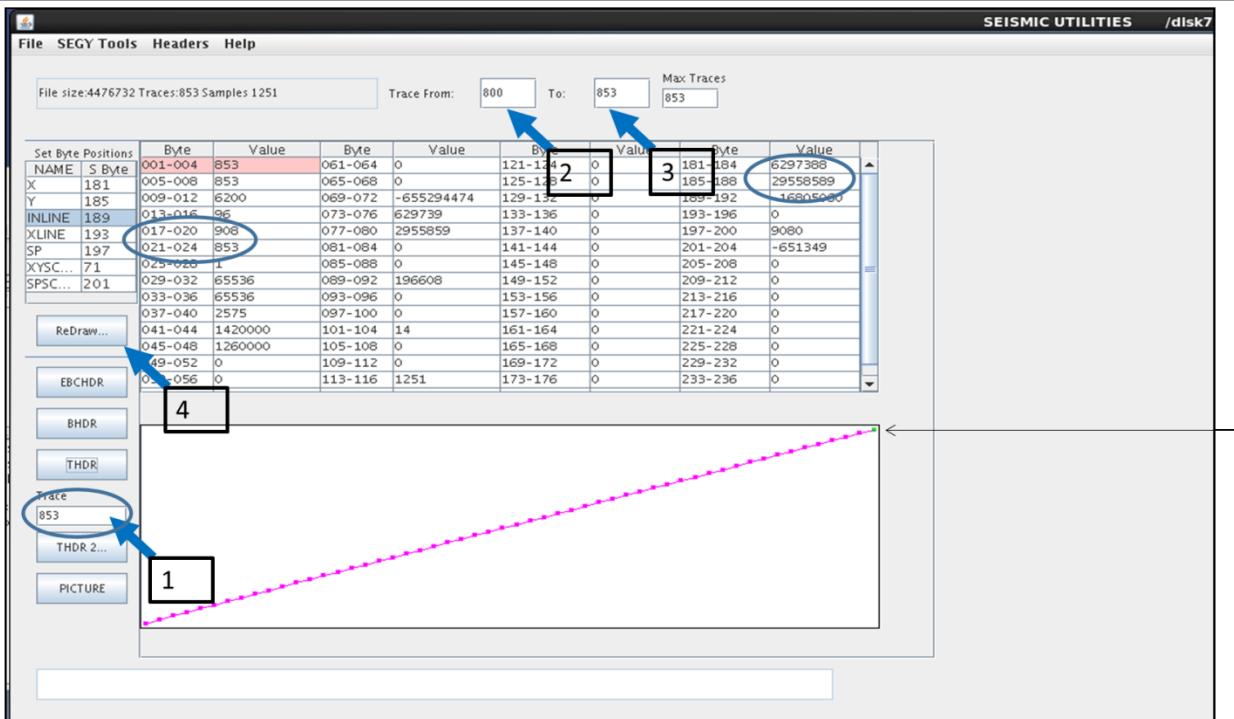
## **MANDATORY LOCATIONS IN BINARY HEADER**

- 17 - 18 SAMPLE INTERVAL IN MICRO SECONDS.
- 21 - 22 NUMBER OF SAMPLES PER DATA TRACE.
- 25 - 26 DATA SAMPLE FORMAT CODE.
- 27 - 28 EXPECTED NUMBER OF TRACES PER ENSEMBLE.
  - SHOULD BE 1 FOR POST STACK DATA.
- 29 - 30 TRACE SORTING CODE.
  - SHOULD BE 4 FOR STACK DATA
- 55 - 56 MEASUREMENT SYSTEM.
  - 1 FOR METERS 2- FEET
- 301 - 302 SEGY FORMAT REVISION NUMBER
  - SHOULD BE 0
- 303 - 304 FIXED TRACE LENGTH FLAG.
  - SHOULD BE 0
- 305 - 306 EXTENDED TEXTUAL FILE HEADER RECORDS AFTER BINARY HEADER,SHOULD BE 0

## **MANDATORY LOCATIONS IN TRACE HEADER**

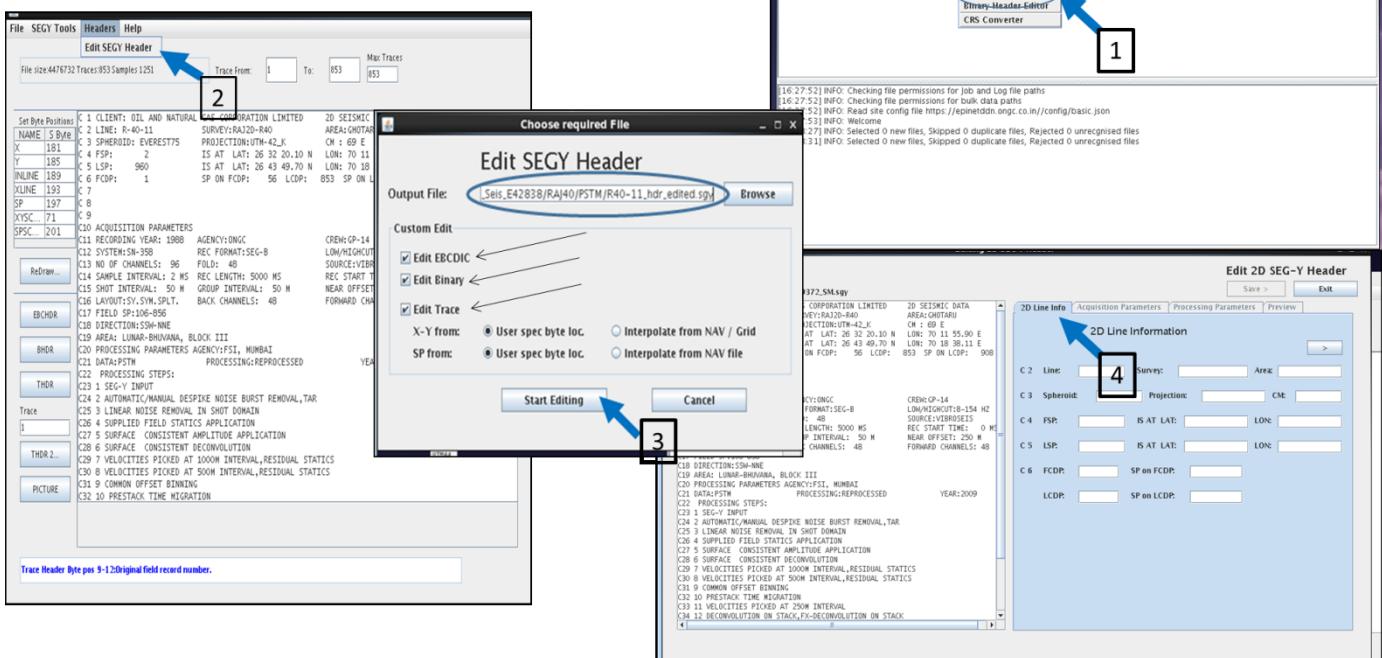
- 1 - 4 TRACE SEQUENCE NUMBER WITHIN THE LINE
- 29 - 30 TRACE IDENTIFICATION CODE, 1 FOR SEISMIC DATA
- 71 - 72 SCALAR TO BE APPLIED TO X,Y IN 181-188
  - POSSIBLE VALUES ARE 1, 10, 100, 1000 OR 10000.
  - IF +VE, SCALAR IS USED AS MULTIPLIER;
  - IF -VE, SCALAR IS USED AS DIVISOR.
  - SHOULD BE 1 IF X,Y ARE GIVEN TO THE NEAREST METER.
- 115 - 116 NUMBER OF SAMPLES IN THIS TRACE
- 117 - 118 SAMPLE INTERVAL IN MICRO SECONDS FOR THIS TRACE.
  
- 181 - 184 X COORDINATE OF THIS TRACE
- 185 - 188 Y COORDINATE OF THIS TRACE
- 189 - 192 IN LINE NUMBER
- 193 - 196 X-LINE NUMBER (TYPICALLY SAME AS CDP NUMBER FOR A PARTICULAR INLINE)
- 197 – 200- SP No.
- 200-201-Scalar for SP No.

**Write 853 in circle trace position points from 800 to 853 and then on 'Redraw' trace 853 will be highlighted as a green point**

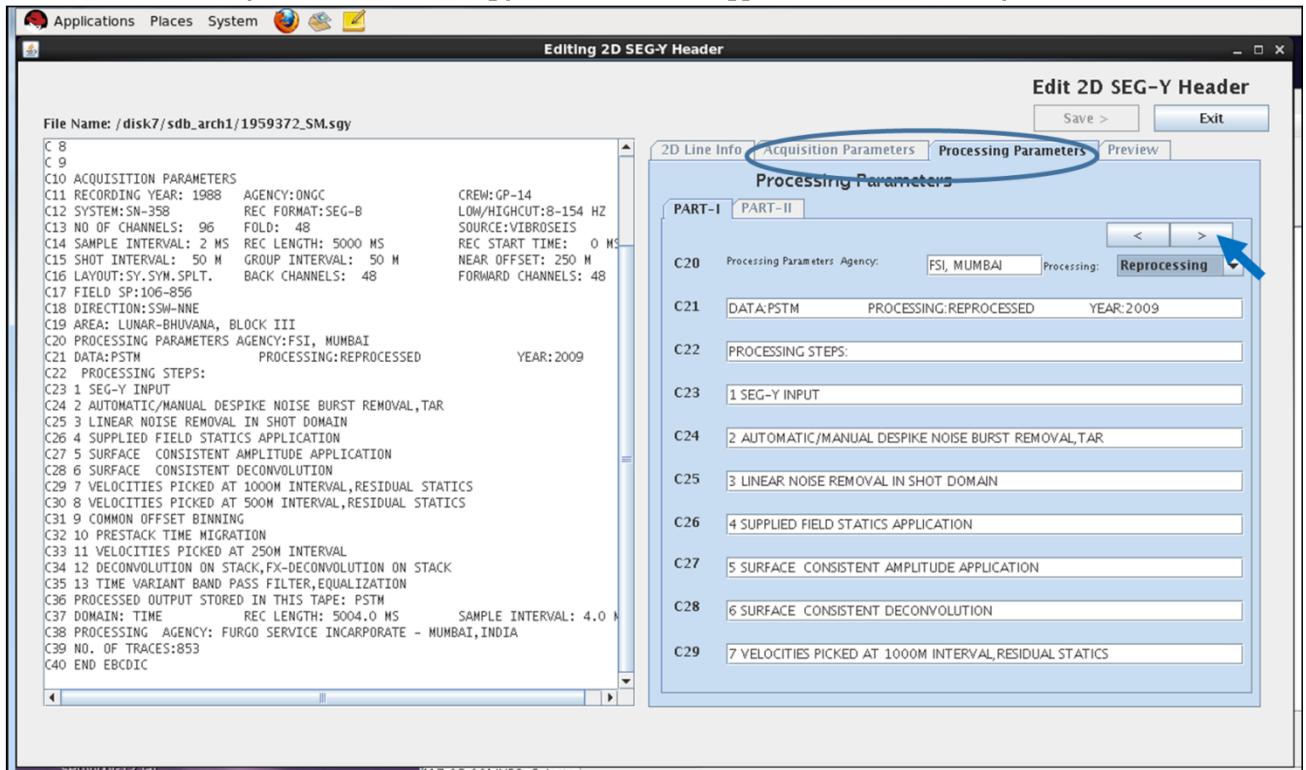


Click on 'Header' then on 'Edit SEGY Header' 'ONGC PSS Segy loader window opens

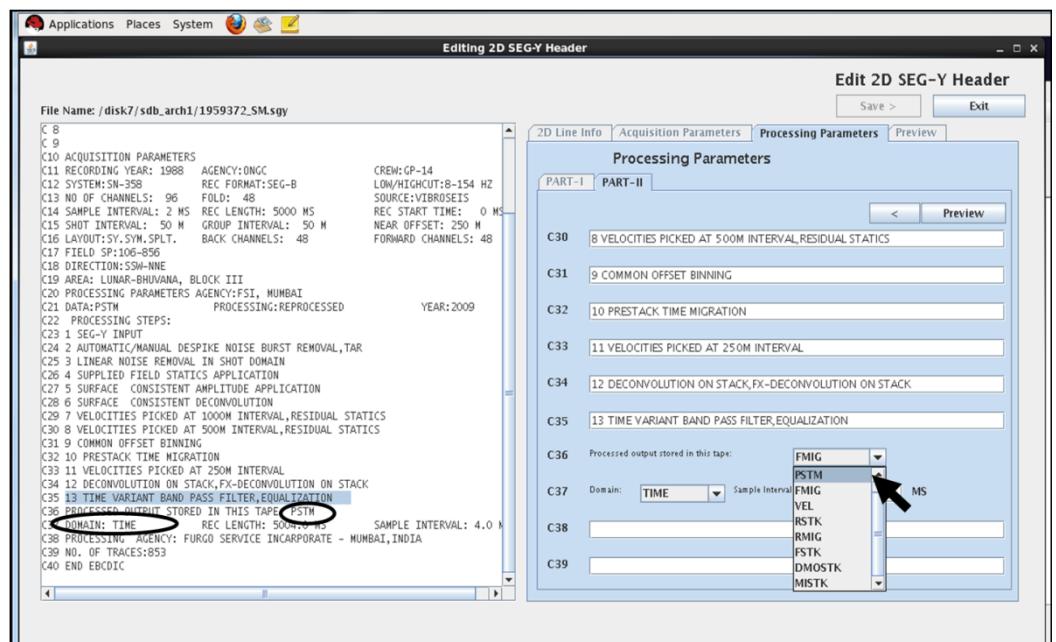
Click on 'Seis Utils for editing' a pop up window opens tick on arrows ,Browse the file to be edited .On the dialog box click 'Start Editing'.A new window as will open for editing of 2D Line Inf,Aquisition parameters,Processing parameters.Complete the fields of these parameters comparing with right pane.



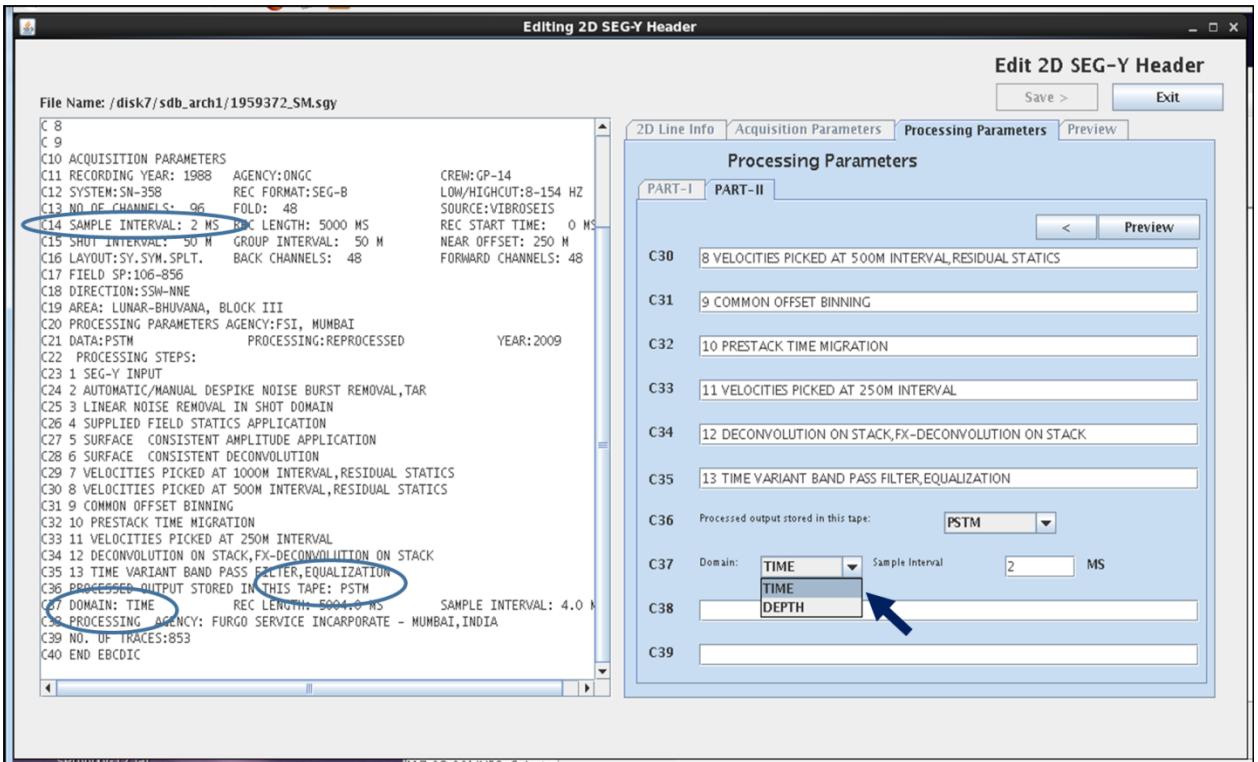
Complete fields of the Acquisition and Processing parameters with toggle ' > ' button shown by arrow



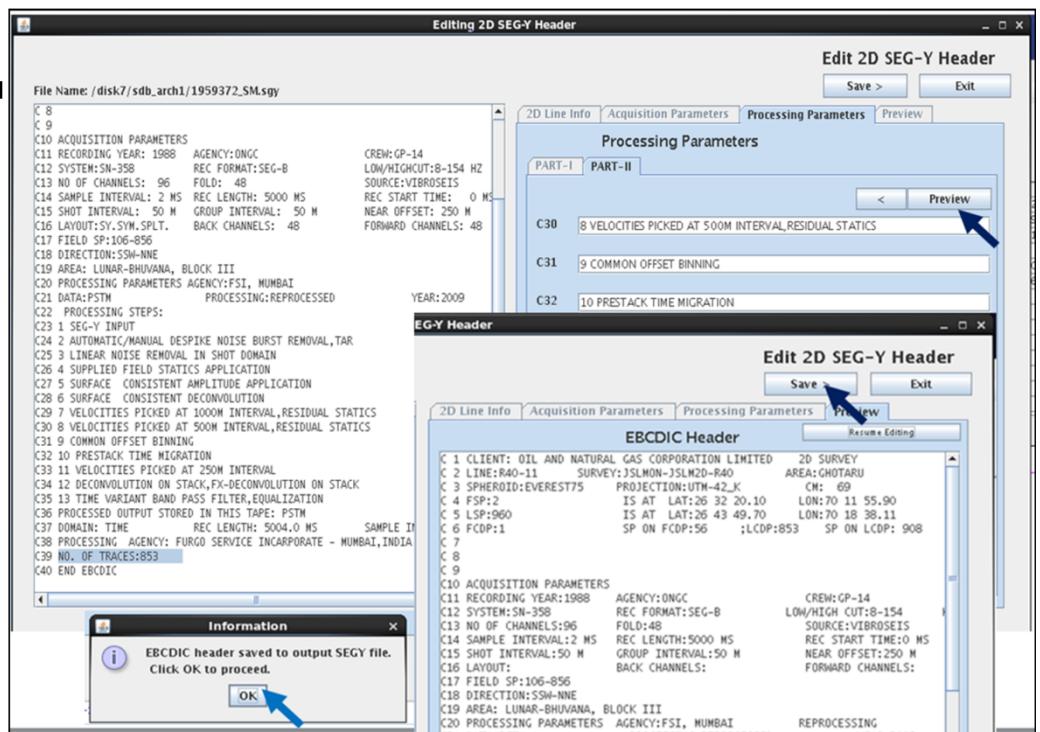
Carefully fill all fields on right pane of the window



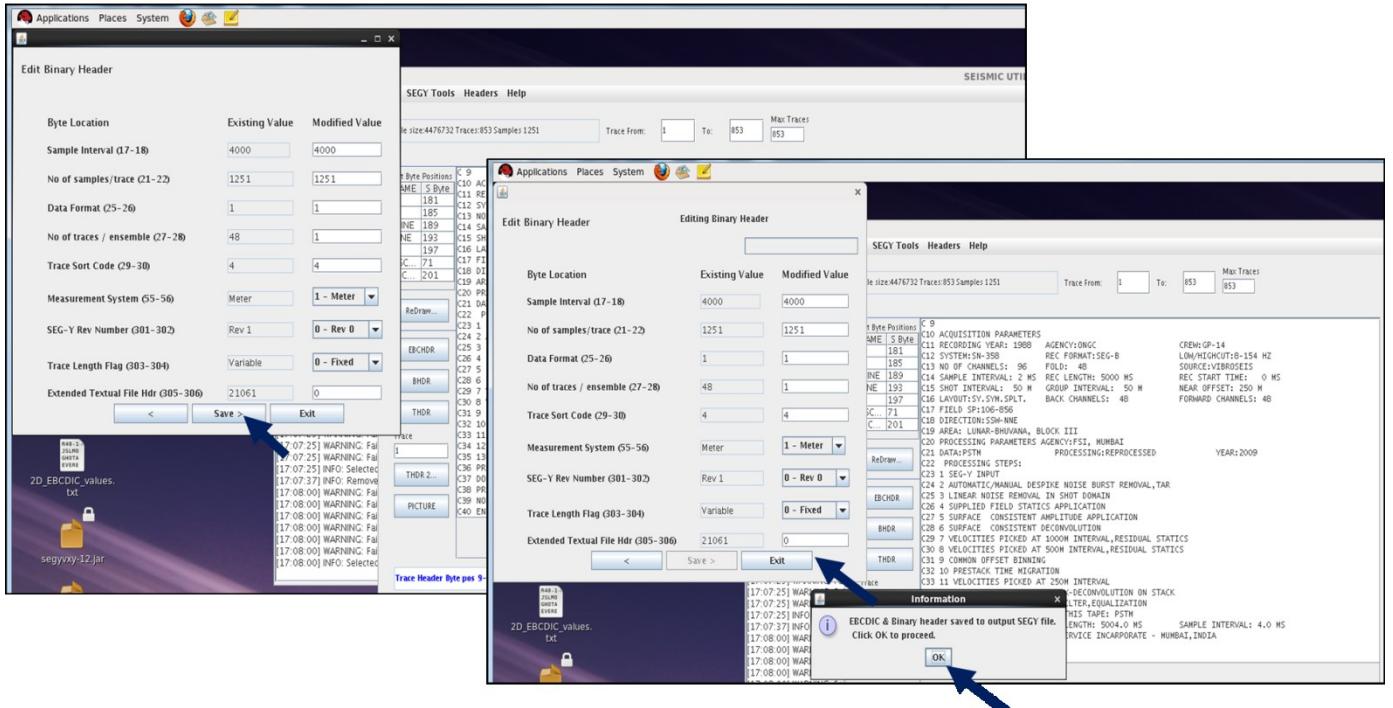
**Compare fields on left pane ,choose and fill correct field information**



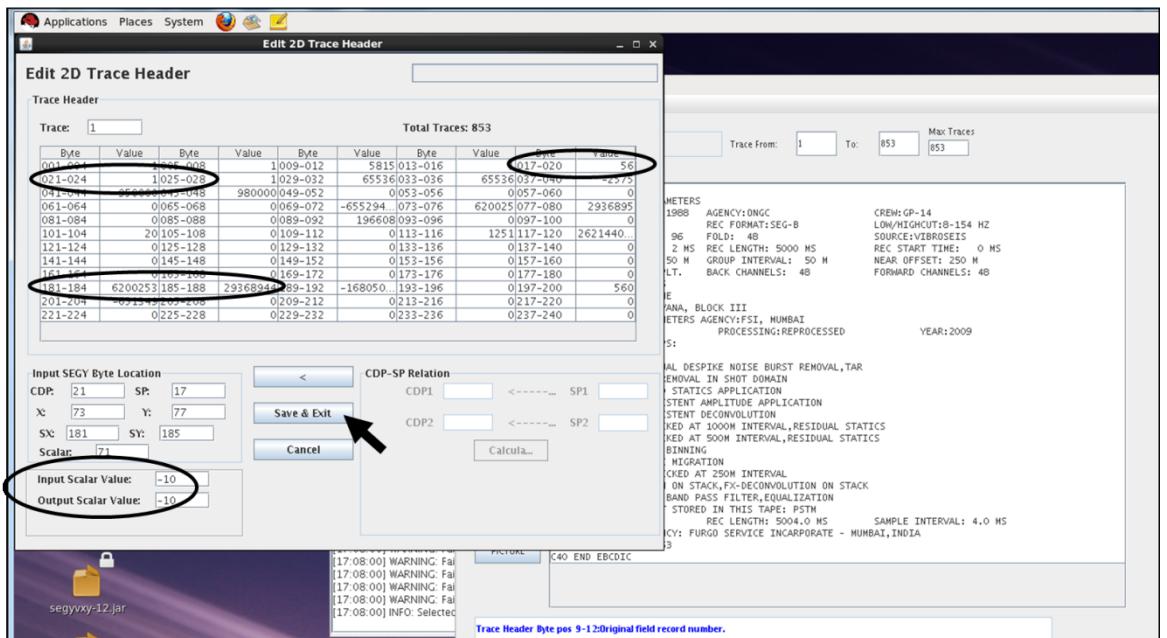
After completing all entries Click 'Preview' and then 'Save', Updated fields will be saved.A dialog box as below also appears click on 'OK' Proceed further A new window will automatically open



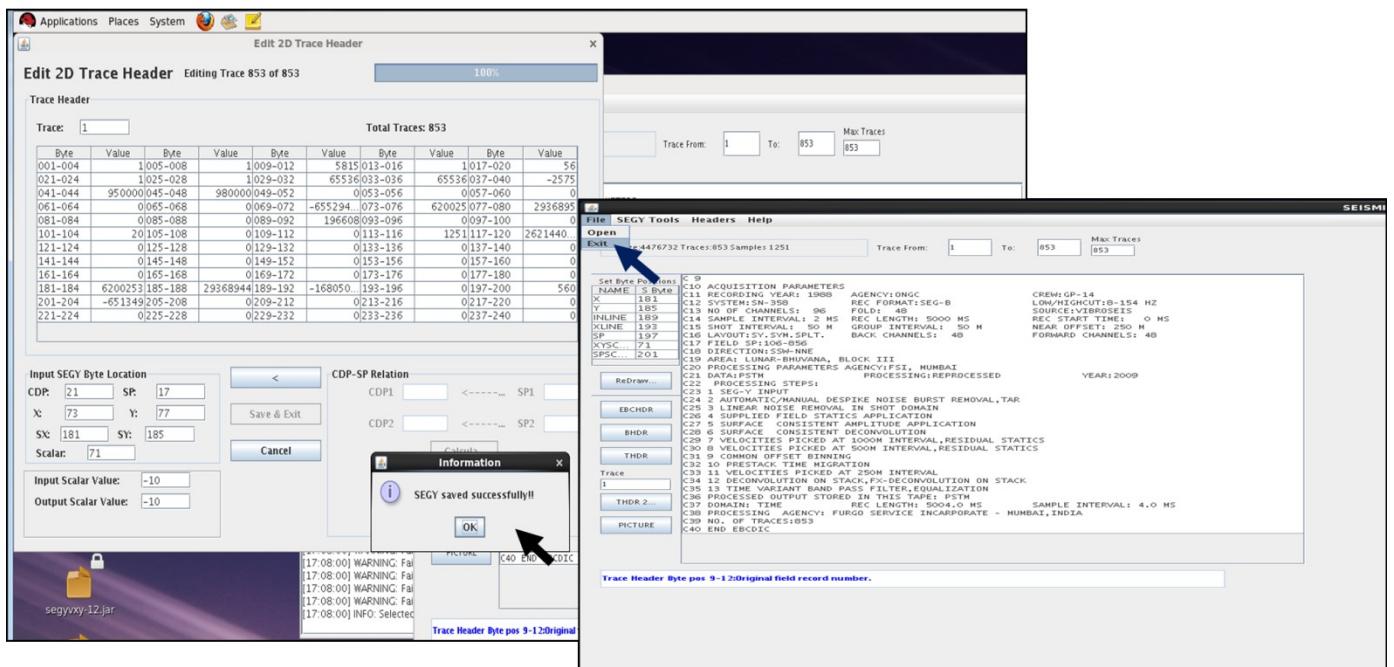
**Click on OK on new pop up Window ,click on Save and then Exit .Edit 2D Trace Header window will open**



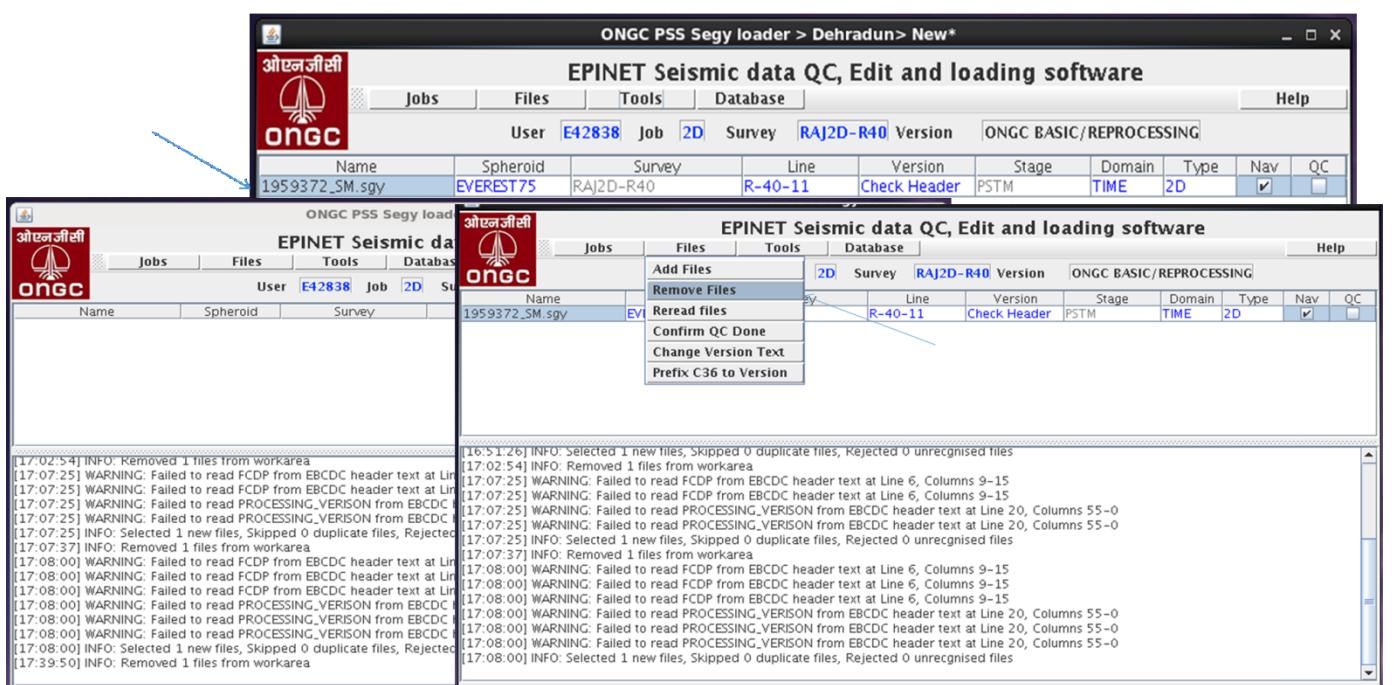
**Check the CDP of the traces their corresponding X and Y values .Click on Save & Exit**



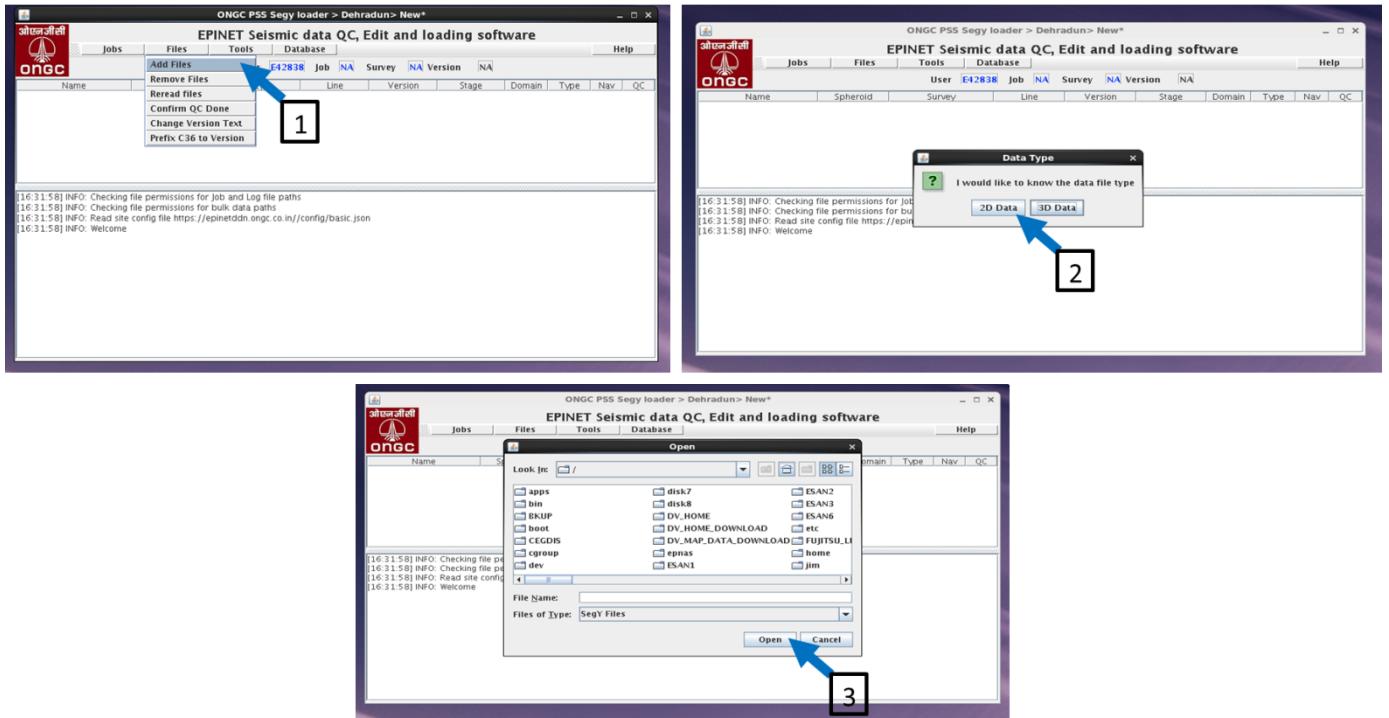
Click OK on Popup window, Exit from loading software .The Seismic file header is edited and saved to a known location



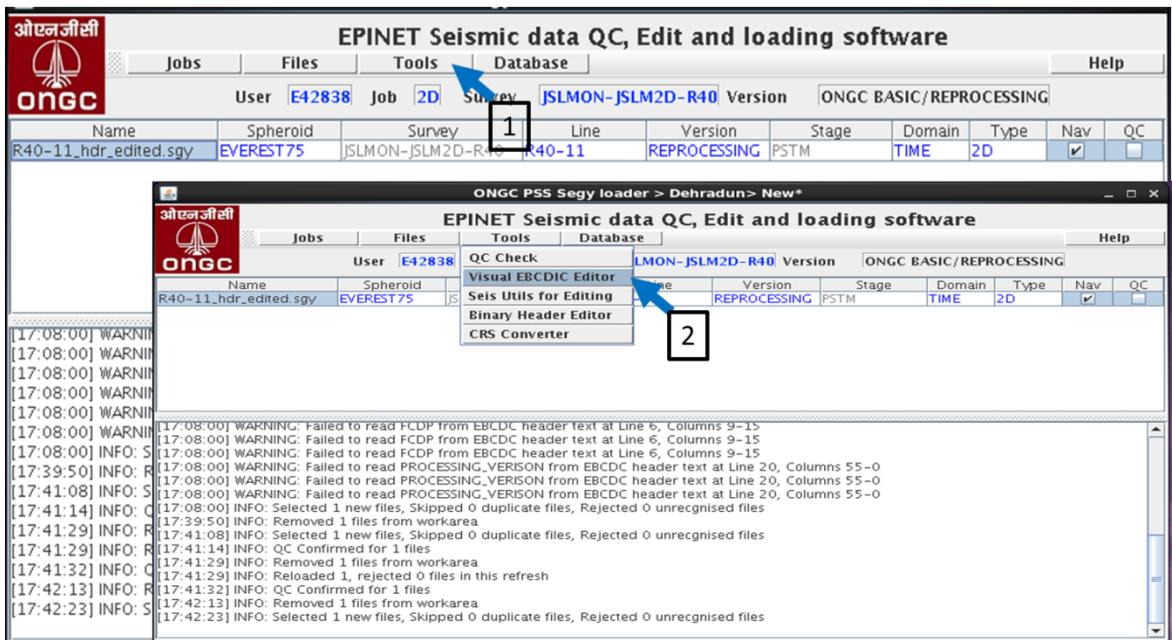
Remove the existing file by selecting **sgy** file then Go to files and then Remove files. Add edited file that is the created in known location for QC and Navigation of SEGY and add the edited file R40-11-hdr\_edited.segy



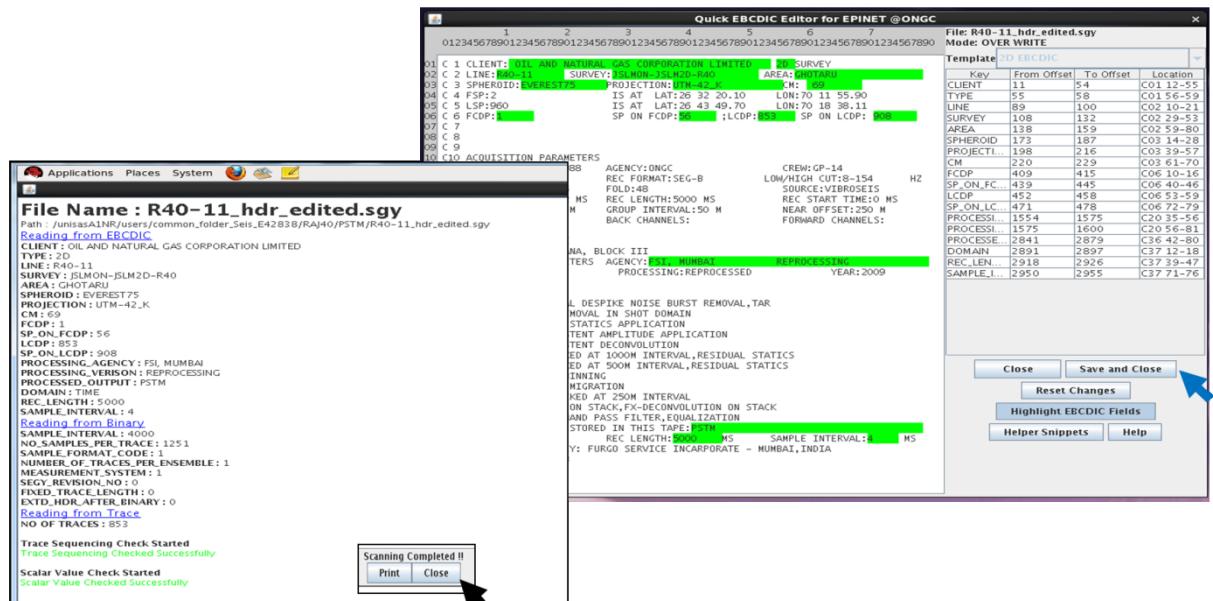
## Browse 2D edited file from its location and add it for Loading



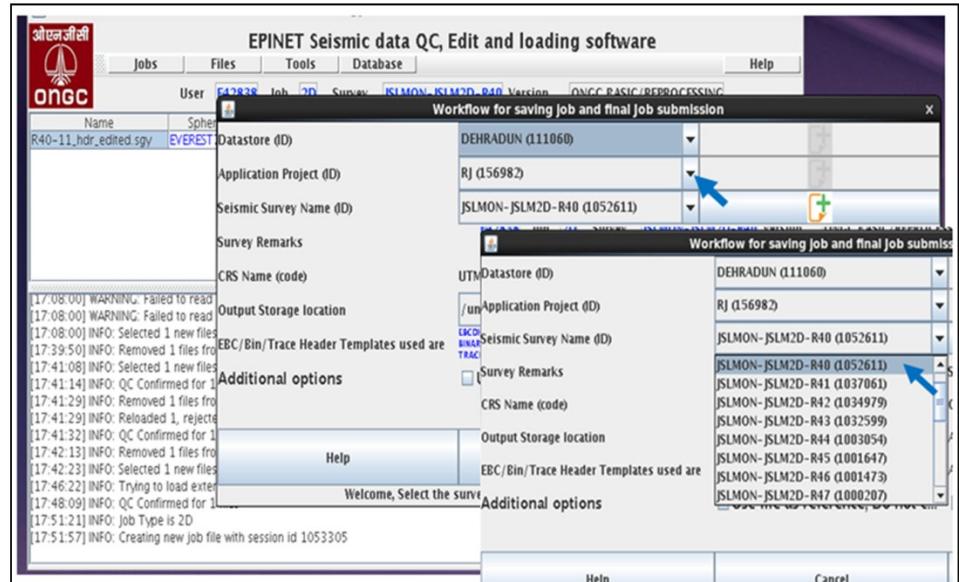
## Use tools to view Visual EBCDIC Editor of the edited file



**EBCDIC header of the edited file is displayed highlighted fields, click on Save and Close. Report log will open in new window, ensure mandatory values are in green limits, click on close. Ensure that no error is there, if there is any error it will be displayed on screen, if so go back to editing and correct the same.**

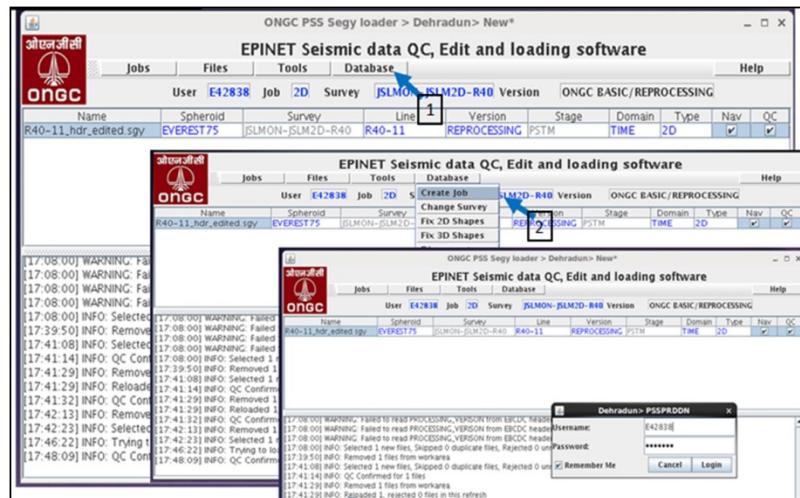


**Workflow for saving job and final job submission window will open for you to select Datastore, application project and survey name**

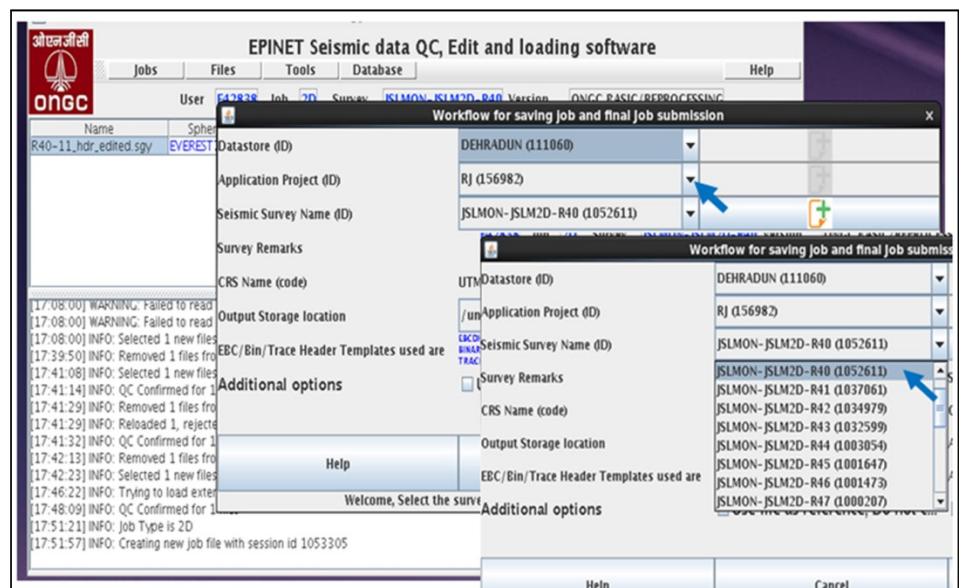


## 2:Procedure to load edited seg y seismic file

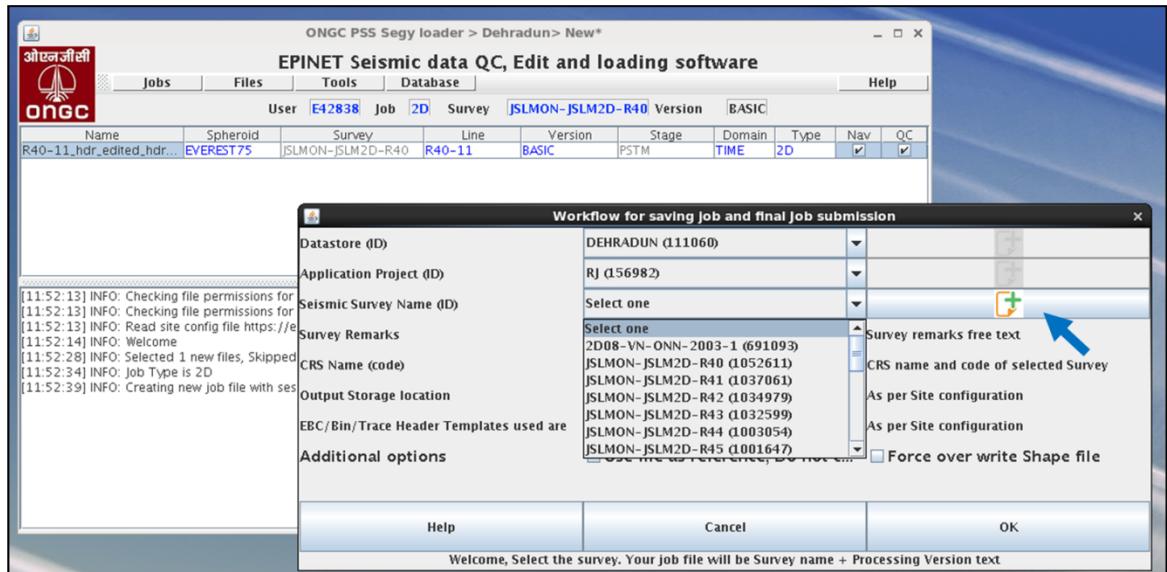
After selecting the edited file as recommended by task force ,the file is ready for loading ,submission in a particular location.Click on Database then on Create Job, a dialog box opens , login using Pwd & User ID as provided by system admn. A window opens up that offers option to select Region,Project and Seismic Survey Name



**Workflow for saving job and final job submission window will open for you to select Datastore,application project and survey name**

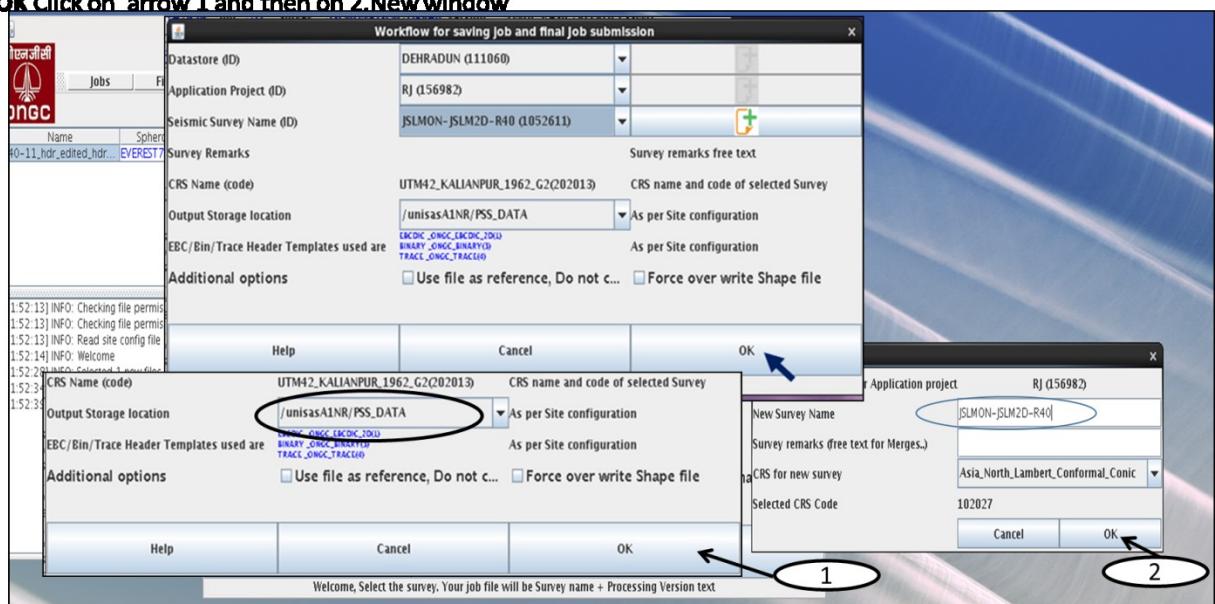


**Any new survey that was created can be added here in a particular Datastore of sub project by pressing “+” button.  
Pop-up window will open.**

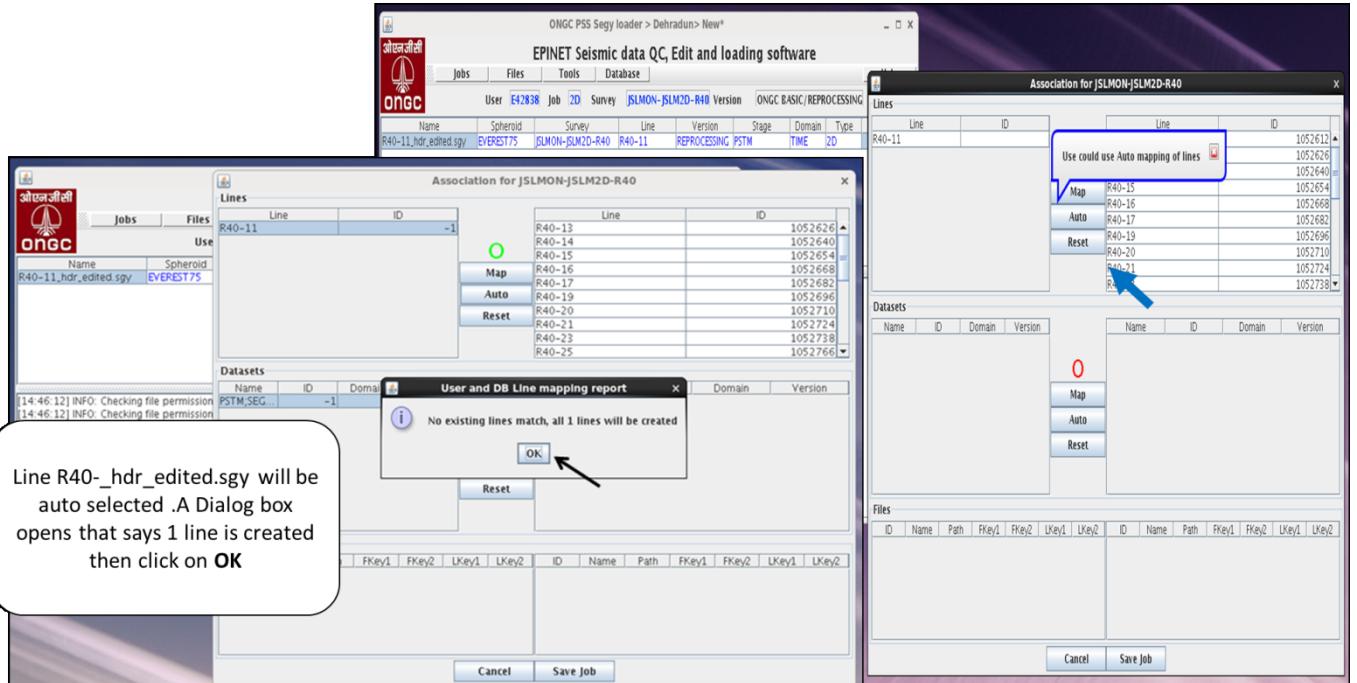


#### After selecting Datastore, Application Project and Seismic Survey Name

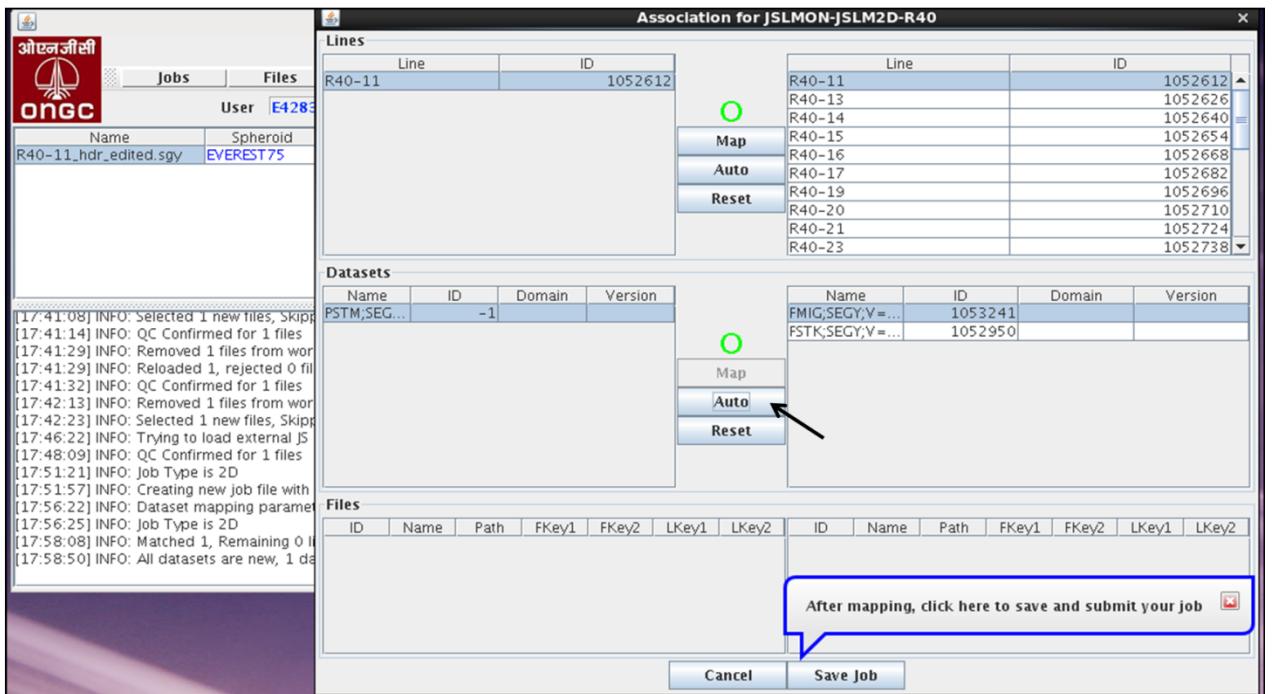
Browse Output Storage Location shown encircled. Created New Survey Name under Application project must be named and then click on OK Click on arrow 1 and then on 2. New window opens



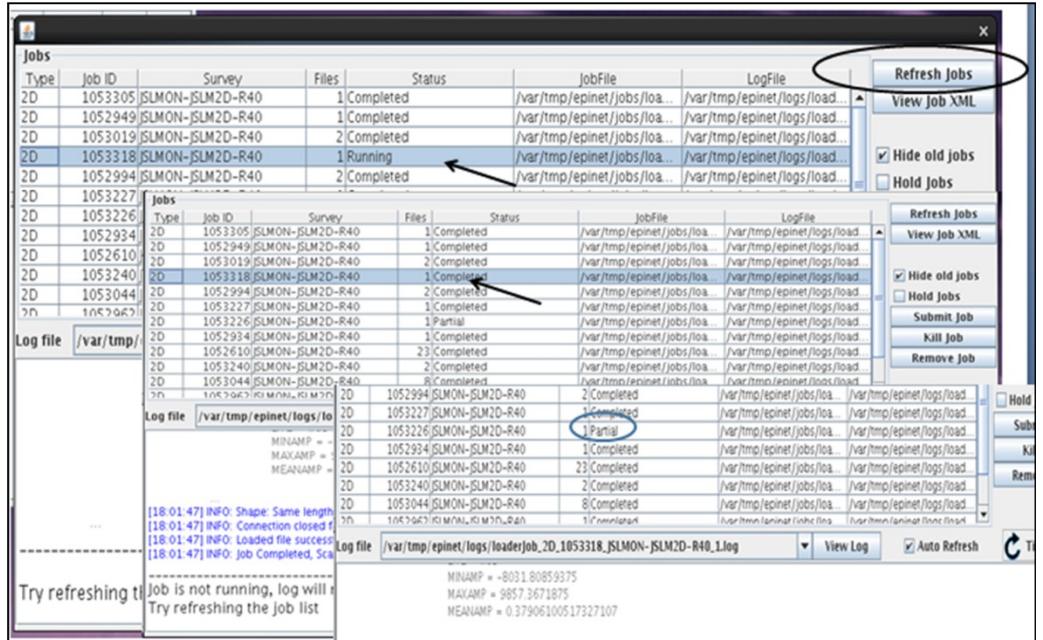
**In Survey Association Window click on Auto.**



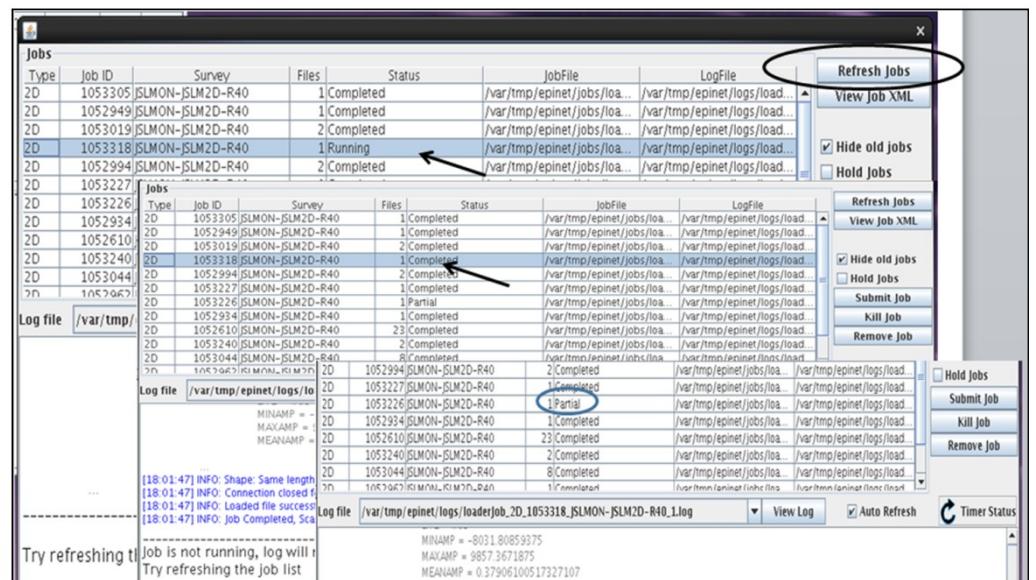
**Click on Auto and then Save job .Loading Status can be viewed In next Window**



While observing Loading Status. Siesmic data can be seen  
Running



While observing Loading Status of the same can  
be see Running press on Refresh Jobs button .Status  
**completed** is displayed (it may be so that data has been loaded  
partially).

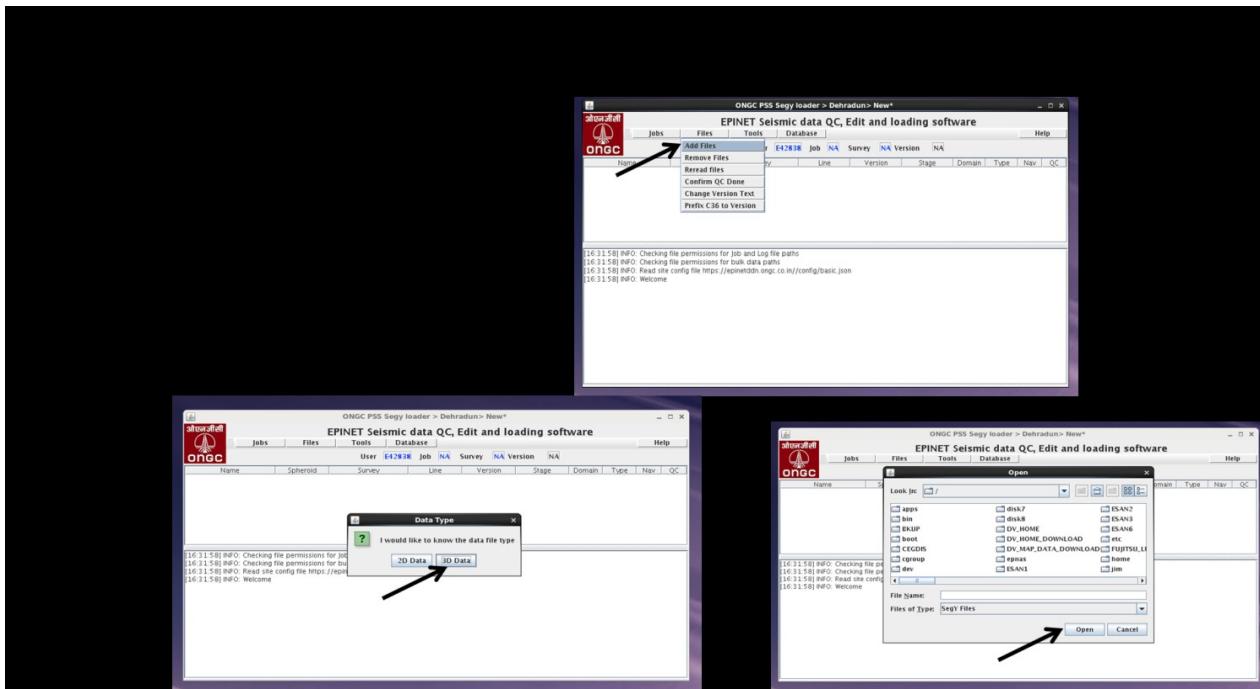


# 3D Seismic Data Loader

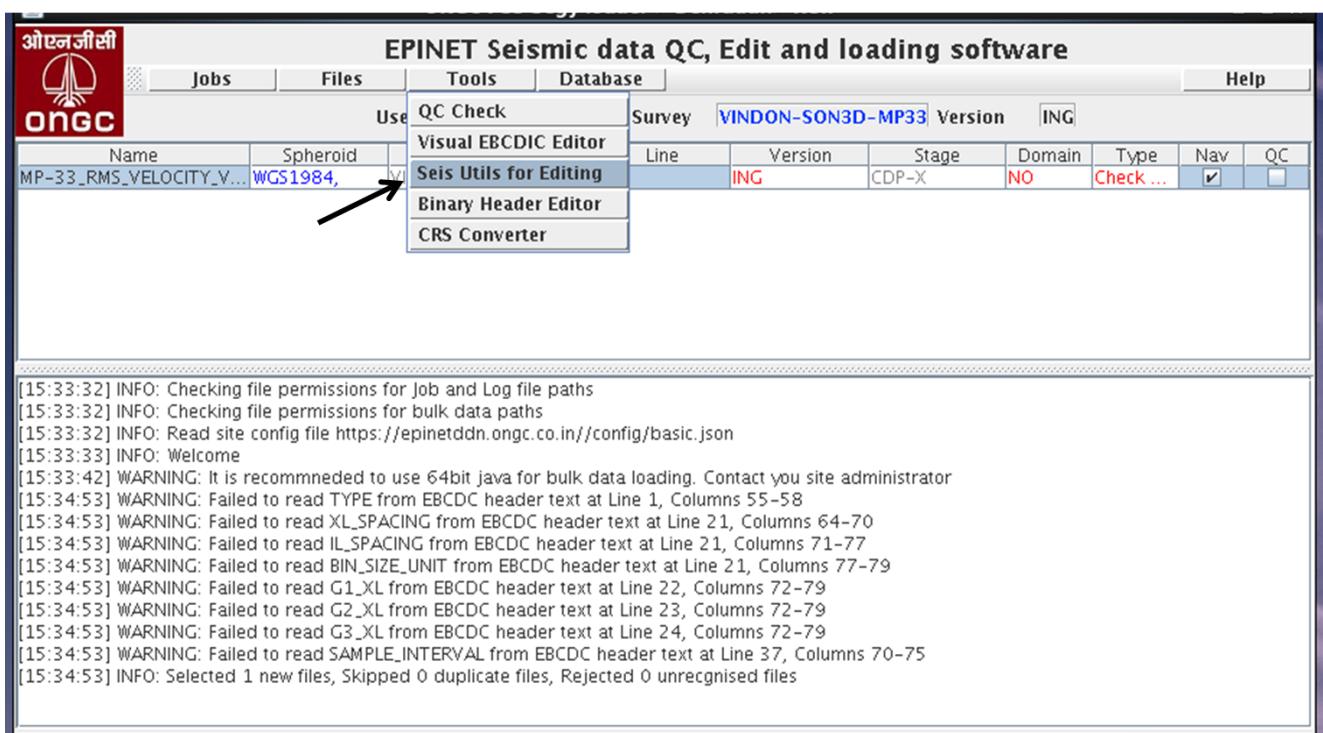
This Module is aimed for the users to enable them to:

- Edit 3D Seismic data after QC
- Load the Seismic data for repository in EPINET
- View the navigation and all segy files at EPINET

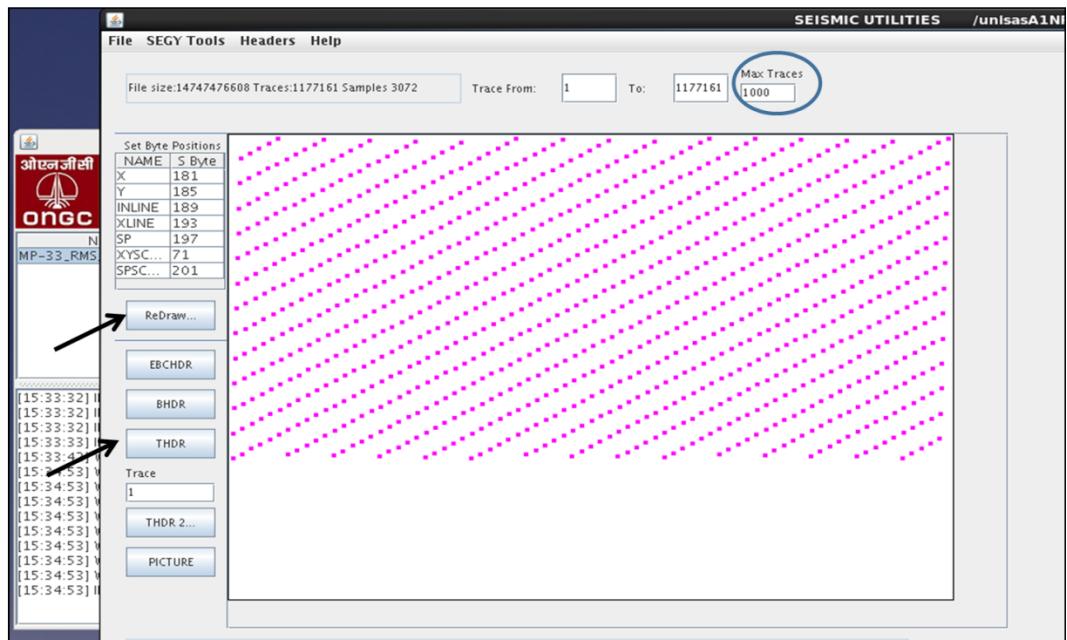
After opening Seismic Loader, click on **Files**



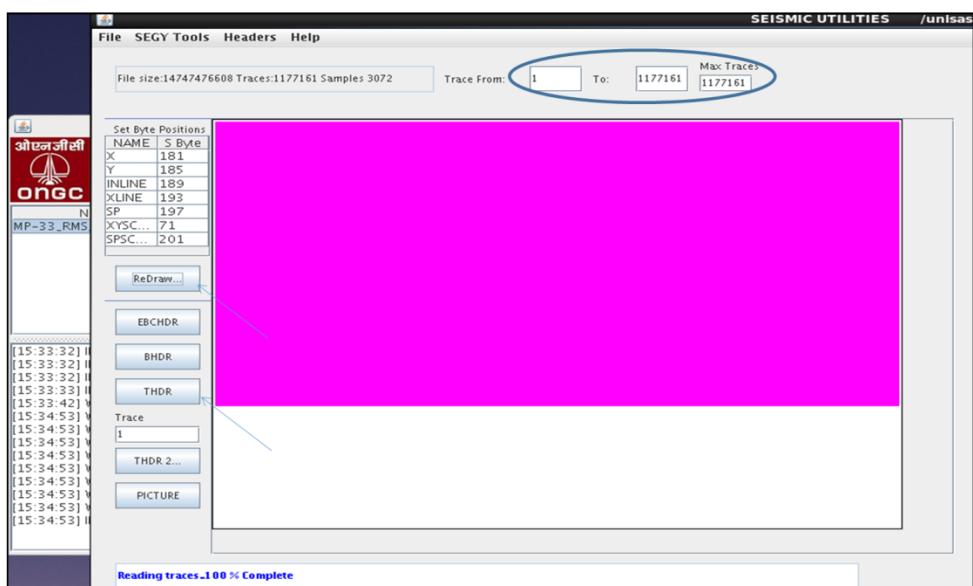
Click on option buttons tools new buttons open then click on '**'Seis Utils for Editing'**'. Seismic Utility window opens as will be displayed in next slide



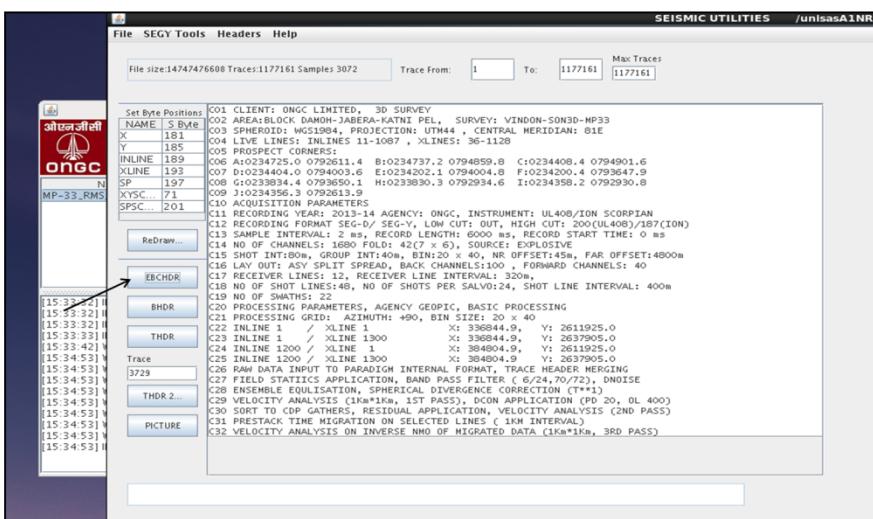
**Keeping Maximum Traces 1000, Click on 'THDR' and then on 'Redraw' these traces will be seen as below.**



**Write Maximum Traces as encircled, click on 'THDR' then on 'Redraw'. All traces will be seen in high density**

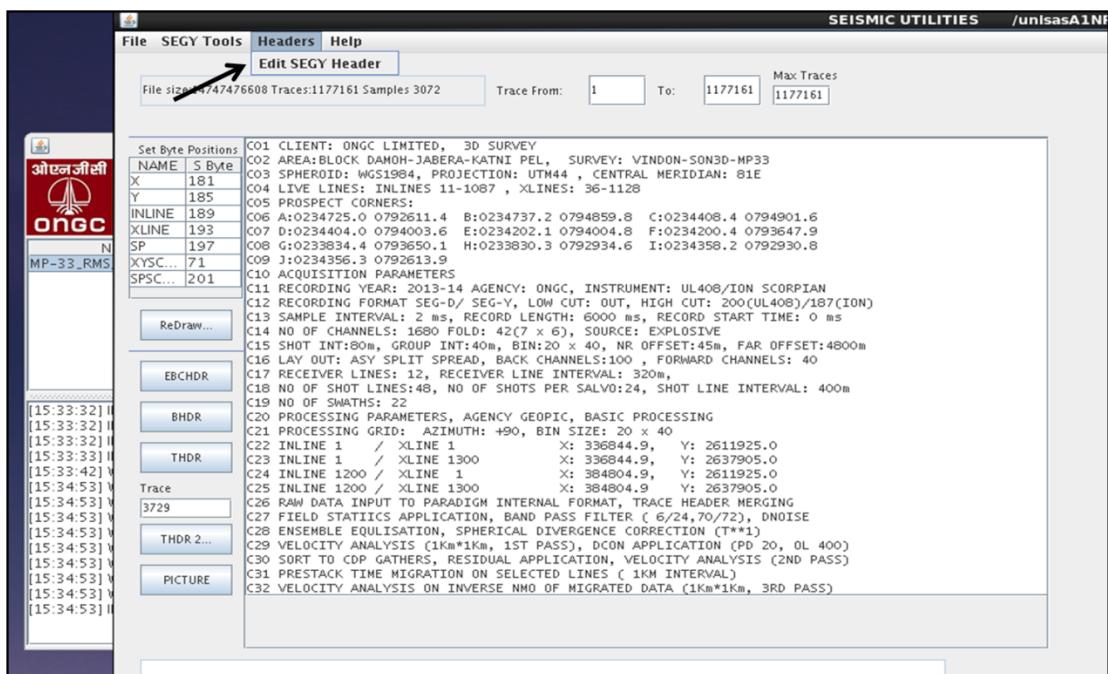


**Click on EBCHDR the header of the file will be displayed.**

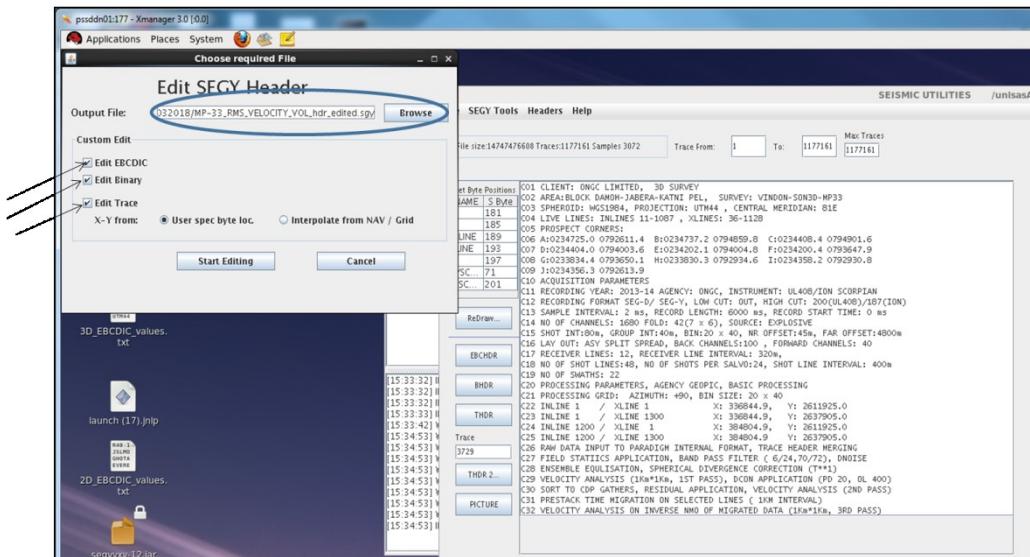


**To Edit header Click on 'HEADER' then on 'Edit SEGY Header.'**

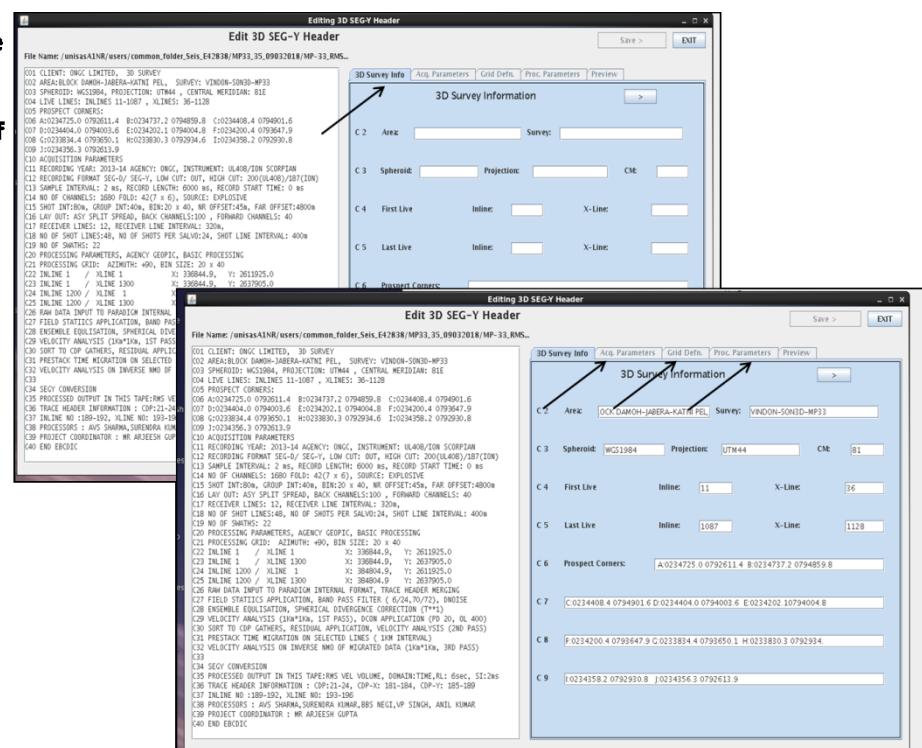
**The pop-up Choose required File opens will open.**



Browse the SEGY file that is [/unisasA1NR/FB\\_DDN/SEISMIC\\_DATA/3D](#) and ,Tick fields and click on 'Start editing'.Edit 3D SEG-Y Header pane window opens



**Complete the 3D Survey Info with due care. Similarly edit fields of the Acq Parameters ,Grid Defn and Processing parameters with togglewith the help of toggle ' > ' button shown by arrow**



Complete the 3D  
Acq.Parameters with due  
care.

## FOLDAGE BIN SIZE

File Name: /unisasA1NR/users/common\_folder.Seis\_E42838/MP33\_35.09032018/MP-33.RMS...

C01 CLIENT: ONGC LIMITED, 3D SURVEY  
C02 AREA: BLOCK DAKOH-JABERA-KATNI PEL, SURVEY: VINDON-SON3D-MP33  
C03 SPHEROID: WGS1984, PROJECTION: UTM44 , CENTRAL MERIDIAN: 81E  
C04 LIVE LINES: INLINES 11-1087 , XLINES: 36-1128  
C05 PROSPECT CORNERS:  
C06 A:0234725.0 0792611.4 B:0234737.2 0794859.8 C:0234408.4 0794901.6  
C07 D:0234404.0 0794903.6 E:0234202.1 0794004.8 F:0234200.4 0793847.9  
C08 G:0233844.4 0793650.1 H:0233830.3 0792934.6 I:0234358.2 0792930.8  
C09 J:0234356.3 0792613.9  
C10 ACQUISITION PARAMETERS  
C11 RECORDING YEAR: 2013-14 AGENCY: ONGC, INSTRUMENT: UL40B/ION SCORPIAN  
C12 RECORDING FORMAT: SEG-Y, LOW CUT: OUT, HIGH CUT: 200(UL40B)/187(ION)  
C13 NO. OF CHANNELS: 1680 FOLD: 42(7 x 6) SOURCE: EXPLOSIVE  
C14 Sample Interval(ms): 2 Rec. Length(ms): 6000 Rec. Start Time(ms): 0  
C15 Shot Interval(ms): 80 Group Interval(ms): 40 Near Offset(m): 45  
C16 Layout: Back Channels: Forward Channels:  
C17 Receiver Lines: 12, Receiver Line Interval: 320m, No. of Shots per Salv0: 24, Shot Line Interval: 400m  
No. of Shots: 22  
C18 Processing Parameters, AGENCY GEOPIC, BASIC PROCESSING  
C19 Processing Grid: Azimuth: 40°, Bin Size: 20 x 40  
C20 Ensemble Equilisation, Spherical Divergence Correction (T\*\*1)  
C21 Velocity Analysis (VAN), 1st Order, Rock Application (P0 20, 0L 400)  
C22 Prestack Time Migration on Selected Lines (1km Interval)  
C23 Velocity Analysis on Inverse RMS of Migrated Data (1km\*1km, 3rd Pass)  
C24 SEGY CONVERSION  
C25 PROCESSED OUTPUT IN THIS TAPE/RMS VEL.VOLUME, DOMAIN:TIME,RL: 6sec, SI:2ms  
C26 TRACE HEADER INFORMATION : COP:21-24, COP-X: 181-184, COP-Y: 185-189  
C27 INLINE NO :189-192, XLINE NO: 193-196  
C28 PROCESSORS : AVS SHARMA,SURENDRA KUMAR,BBS NEGI,VP SINGH, ANIL KUMAR  
C29 PROJECT COORDINATOR : MR ARJEESH GUPTA  
C30 END EBCDIC

Similarly edit fields of the 3D Survey Info, Processing parameters with the help of toggle ' > ' button shown by arrow It is important to define Grid.Fill G1,G2,G3 in Grid Deinition pane of window and click on Calculate G4.G4 will automatically calculated compare with LHS

File Name: /unisasA1NR/users/common\_folder.Seis\_E42838/MP33\_35.09032018/MP-33.RMS...

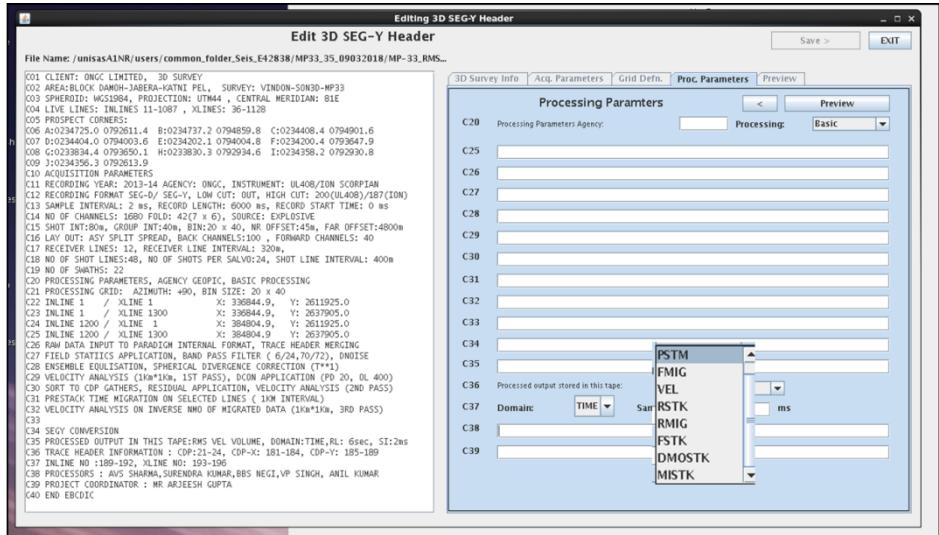
C01 CLIENT: ONGC LIMITED, 3D SURVEY  
C02 AREA: BLOCK DAKOH-JABERA-KATNI PEL, SURVEY: VINDON-SON3D-MP33  
C03 SPHEROID: WGS1984, PROJECTION: UTM44 , CENTRAL MERIDIAN: 81E  
C04 LIVE LINES: INLINES 11-1087 , XLINES: 36-1128  
C05 PROSPECT CORNERS:  
C06 A:0234725.0 0792611.4 B:0234737.2 0794859.8 C:0234408.4 0794901.6  
C07 D:0234404.0 0794903.6 E:0234202.1 0794004.8 F:0234200.4 0793847.9  
C08 G:0233844.4 0793650.1 H:0233830.3 0792934.6 I:0234358.2 0792930.8  
C09 J:0234356.3 0792613.9  
C10 ACQUISITION PARAMETERS  
C11 RECORDING YEAR: 2013-14 AGENCY: ONGC, INSTRUMENT: UL40B/ION SCORPIAN  
C12 RECORDING FORMAT: SEG-Y, LOW CUT: OUT, HIGH CUT: 200(UL40B)/187(ION)  
C13 NO. OF CHANNELS: 1680 FOLD: 42(7 x 6) SOURCE: EXPLOSIVE  
C14 Sample Interval(ms): 2 Rec. Length(ms): 6000 Rec. Start Time(ms): 0  
C15 Shot Interval(ms): 80 Group Interval(ms): 40 Near Offset(m): 45  
C16 Layout: Back Channels: Forward Channels:  
C17 No. of Rev Lines: Rcvr Line Interval:  
C18 No. of Shot Lines: Shot Line Interval:  
C19

	X	Y	INLINE	XLINe
G1	X: 336844.9	Y: 2611925.0	INLINE: 1	XLINe: 1
G2	X: 336844.9	Y: 2637905.0	INLINE: 1	XLINe: 1300
G3	X: 384804.9	Y: 2611925.0	INLINE: 1200	XLINe: 1
G4	X: 384804.9	Y: 2637905.0	INLINE: 1200	XLINe: 1300

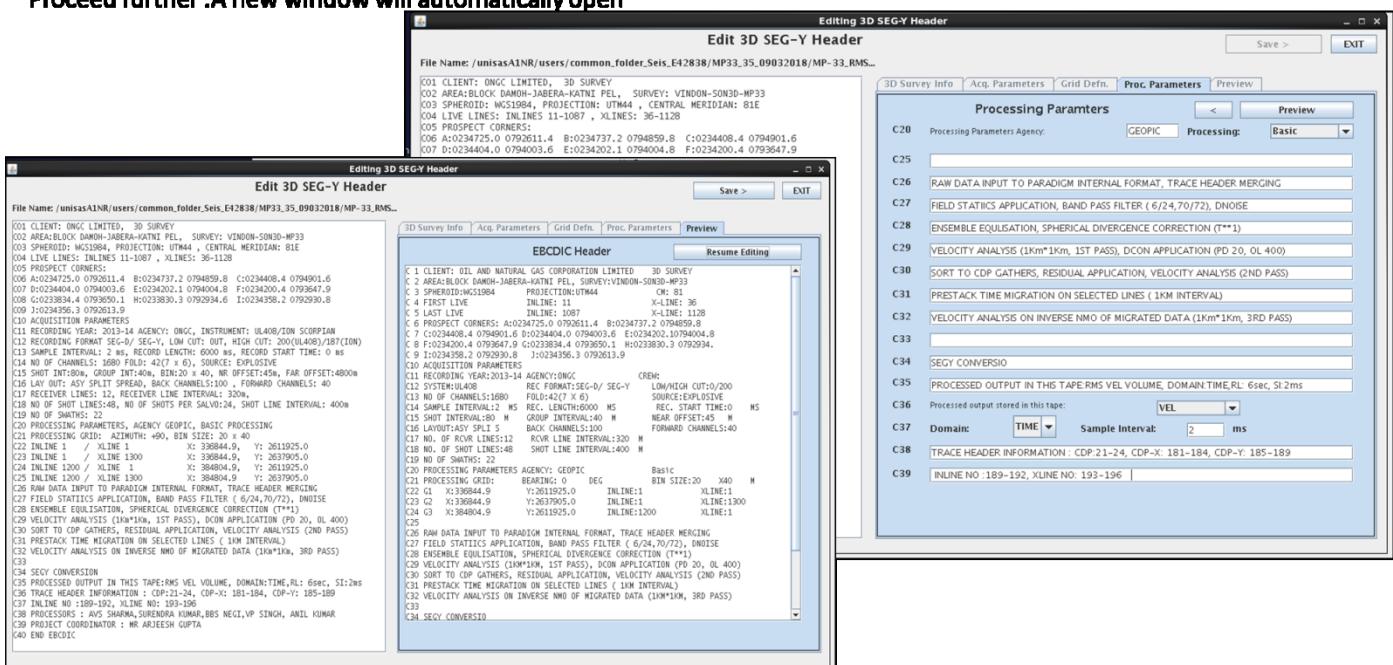
Bin Size Allo...  
Azimuth: .00 DEG  
Inline Direc...  
X-Line Direc...  
Calculate G4

Note:  
G1: Grid Corner of Min In-Line & Min X-Line  
G2: Grid Corner of Min In-Line & Max X-Line  
G3: Grid Corner of Max In-Line & Min X-Line  
G4: Grid Corner of Max In-Line & Max X-Line

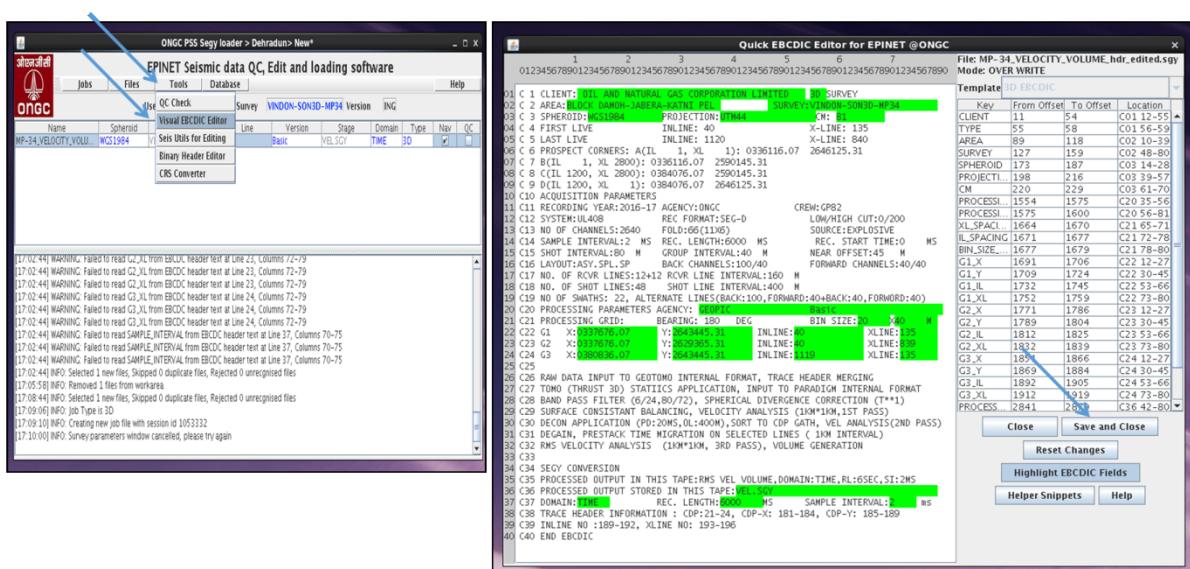
**Carefully fill fields on right pane  
Comparing left side of the window**



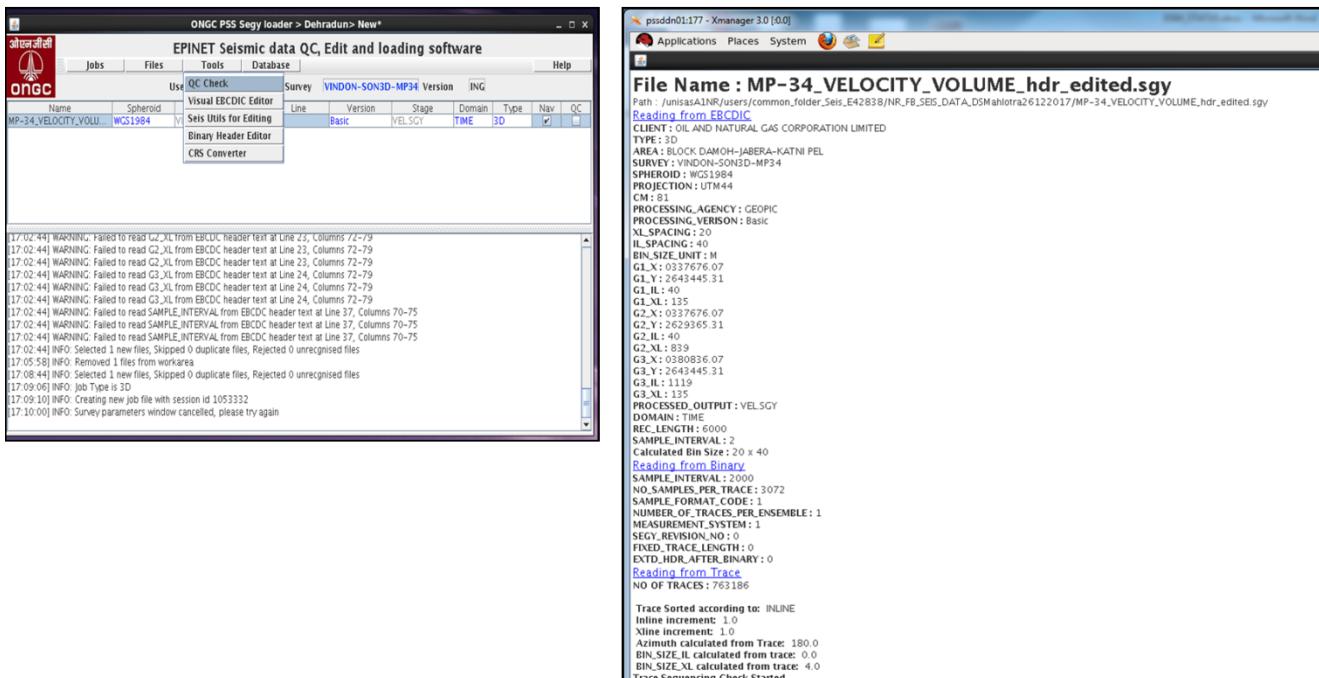
**After completing all entries Click 'Preview' New window opens  
Click on 'Save', Updated fields will be saved.click on 'EXIT'.  
Proceed further .A new window will automatically open**

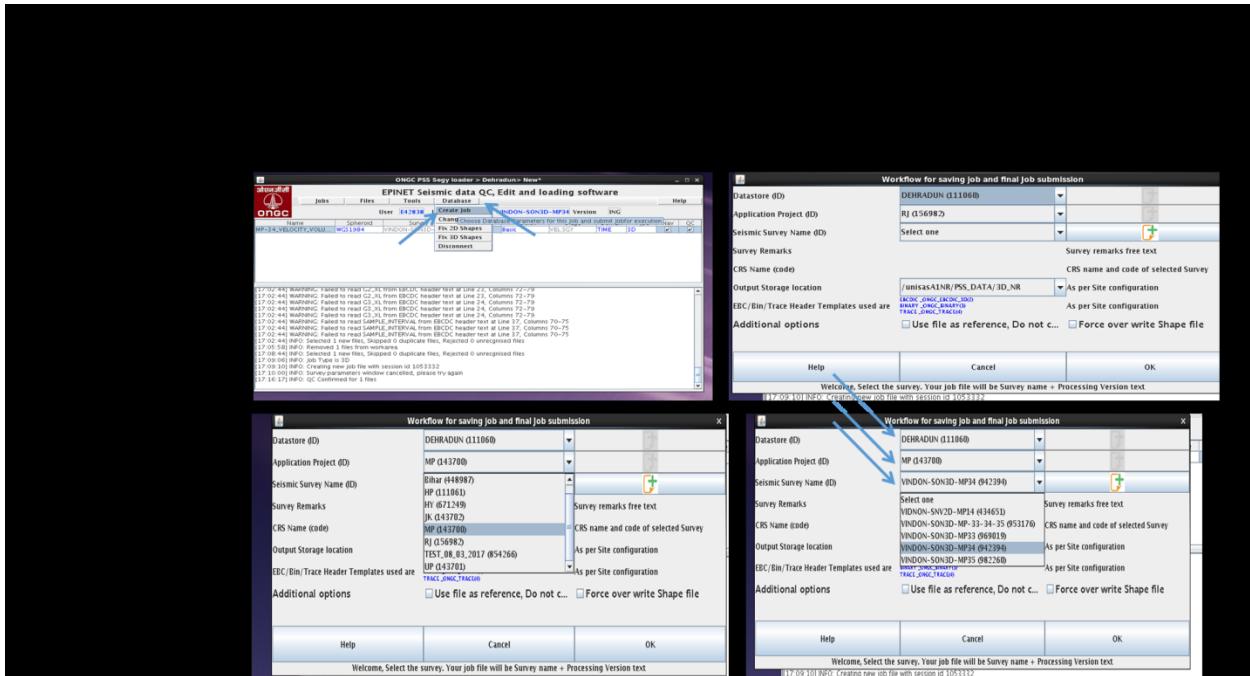


**Go to Tools then Visual EBCDIC Editor. EBCDIC header of the edited file is displayed with highlighted mandatory fields fields, click on Save and close. Ensure mandatory values are in green limits. Ensure that no error is there, if there is any error it will be displayed on screen, if so go back to editing and correct the same.**

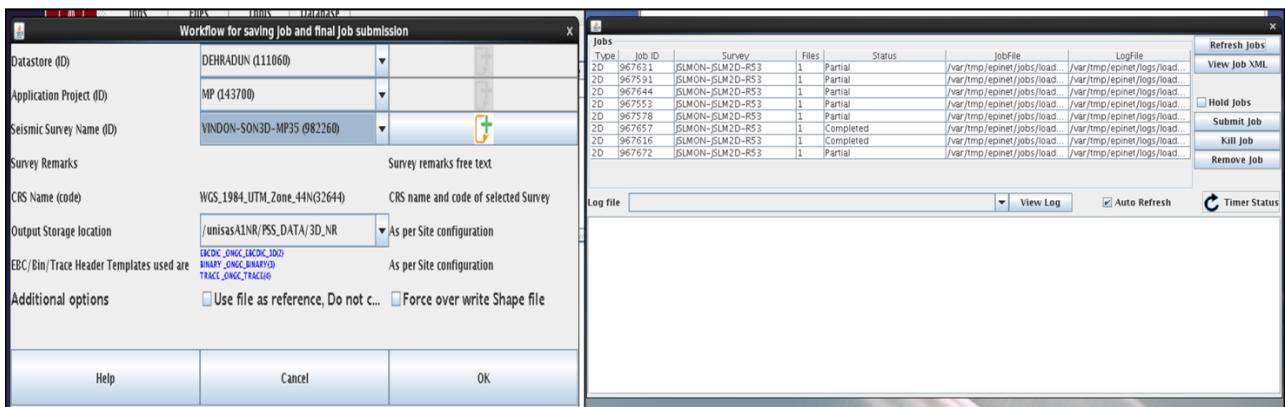


**Go to Tools Report then click QC Check log report will be executed in new window**





**Click on OK and then on Submit Job. The job is successfully submitted with status 'Completed'**



# Document Loader

There are 2 document loaders.

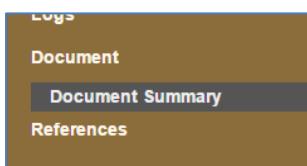
- Web-based (For small files)
- Java-based (For large files)

The web based loader is for files up to 4 MB. For larger files, the Java based loader can be used (Minimum Java version 7 required)

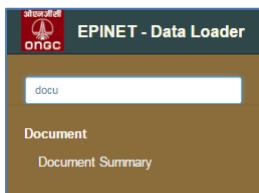
## Document Loader - Web Based

In DataLoader,

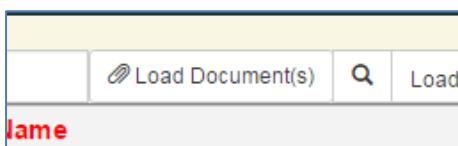
Open **Document Summary** under **Document**



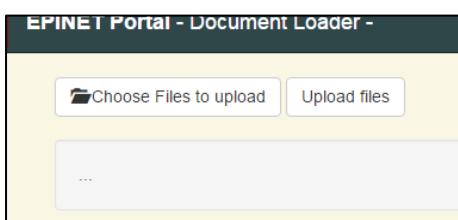
A new search functionality is also added so that you may directly search for a form  
(Press Ctrl + F5 to clear and reload if not displaying properly)



In loader form, Choose Load Documents



In next page, first choose files to upload



And click on **Upload Files**

NOW, FILES ARE UPLOADED TO THE LOCATION SPECIFIED IN THE BASIC.JSON FILE

This happens in two stages (code is in epinet/loaderDocument.aspx):

1. File is loaded to EPINETPortal/uploads folder in webserver
2. Using PSCP, file is copied to target location on server

Now, comes the linking (File Association)

Name	Subject	Title	Remarks	Format
ibm370.jpg				
idea.jpg				

**Edit Record**

File Name:

Name\*

Subject\*

Title\*

Remarks

Format\*

Type\*

Doc. Date:  m/d/yyyy

Link with\*

Select\*

Click on each file to enter details

Name	Subject	Title	Remarks	Format
ibm370.jpg				
idea.jpg				

**Edit Record**

File Name: ibm370.jpg

Name\* ibm370.jpg

Subject\* test

Title\* test

Remarks

The file can be associated with a well or lease block or 2d or 3d

Link with\* Well

Select\* jm

N-JMI-1  
N-JMI-6  
N-JMI-8

Multiple selection is possible

Link with\* Well

Select\* jm

N-JMI-1  
N-JMI-6  
N-JMI-9  
N-JMI-2ST  
N-JMI-3

Click on save after updating

The screenshot shows a window with a blue border. Inside, there are two dropdown menus: 'with \* Lease' and 'elect \*'. The 'elect' menu contains two items: '\*BKWL ML X' and '\*BKTB PMF X'. At the bottom right is a green rectangular button labeled 'Save'.

Repeat the process for each file in queue (2 files in this case)

A table titled 'Save All' with two rows. The first row has 'Name' and 'Subject' columns. The second row contains 'ibm370.jpg' and an empty 'Subject' field. The third row contains 'idea.jpg' and an empty 'Subject' field.

Name	Subject
ibm370.jpg	
idea.jpg	

Finally, Click on **Save all files**

A table with four columns: Name, Subject, Title, and Remarks. It contains two rows for 'ibm370.jpg' and 'idea.jpg'. The 'ibm370.jpg' row has 'test' in the Subject column and 'test' in the Title column. The 'idea.jpg' row has 'testw' in the Subject column and 'testw' in the Title column.

Name	Subject	Title	Remarks
ibm370.jpg	test	test	
idea.jpg	testw	testw	

2 file(s) uploaded and all details saved sucessfully!

Load more files

View File list

# Other Loaders

## Loading Polygon Data

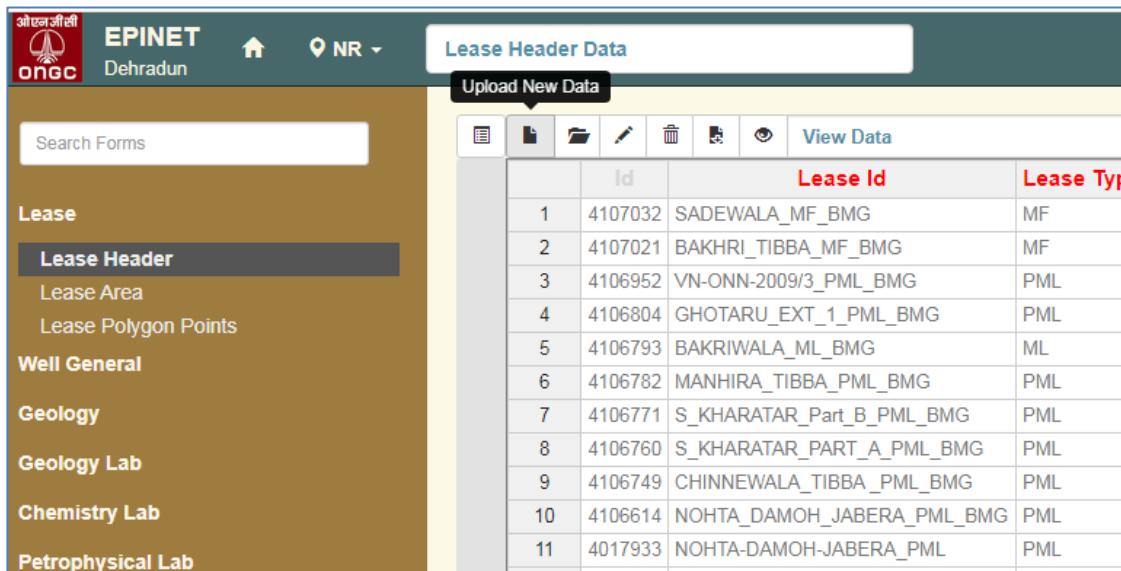
Polygon data loading is applicable for 2 forms: **Lease Data** and **Custom Polygon**.

Loading polygon (for lease or custom polygon) involves 2 steps:

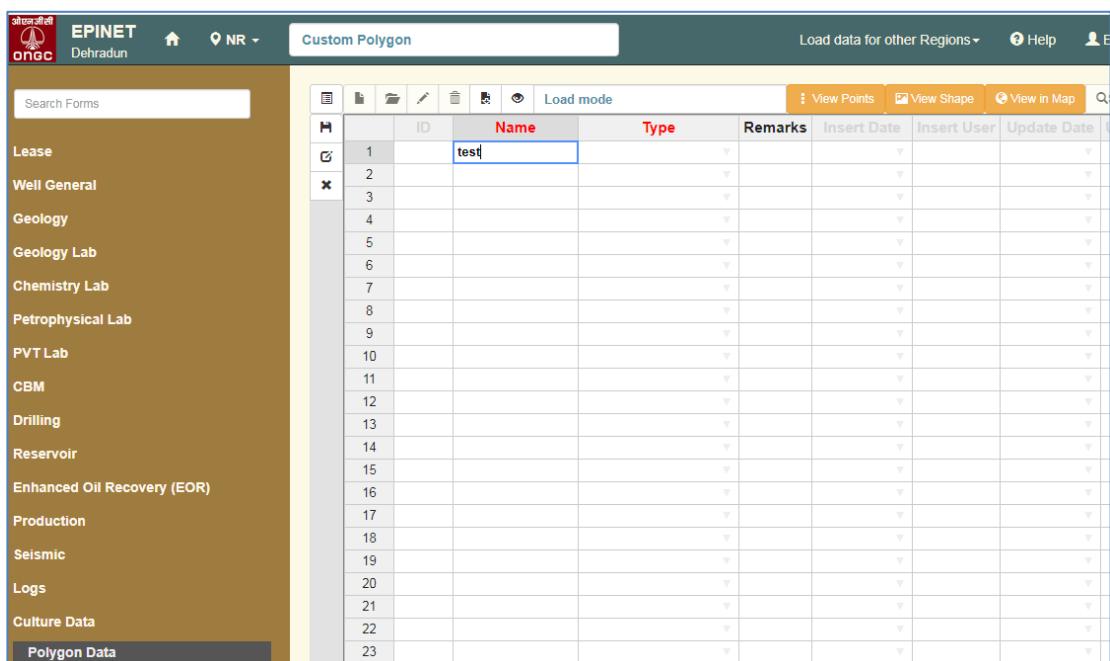
1. Creating header
2. Adding points

### 1. Creating Header

Open Lease Header or Polygon Data to enter details header



	ID	Lease Id	Lease Type
1	4107032	SADEWALA_MF_BMG	MF
2	4107021	BAKHRI_TIBBA_MF_BMG	MF
3	4106952	VN-ONN-2009/3_PML_BMG	PML
4	4106804	GHOTARU_EXT_1_PML_BMG	PML
5	4106793	BAKRIWALA_ML_BMG	ML
6	4106782	MANHIRA_TIBBA_PML_BMG	PML
7	4106771	S_KHARATAR_Part_B_PML_BMG	PML
8	4106760	S_KHARATAR_PART_A_PML_BMG	PML
9	4106749	CHINNEWALA_TIBBA_PML_BMG	PML
10	4106614	NOHTA_DAMOH_JABERA_PML_BMG	PML
11	4017933	NOHTA-DAMOH-JABERA_PML	PML



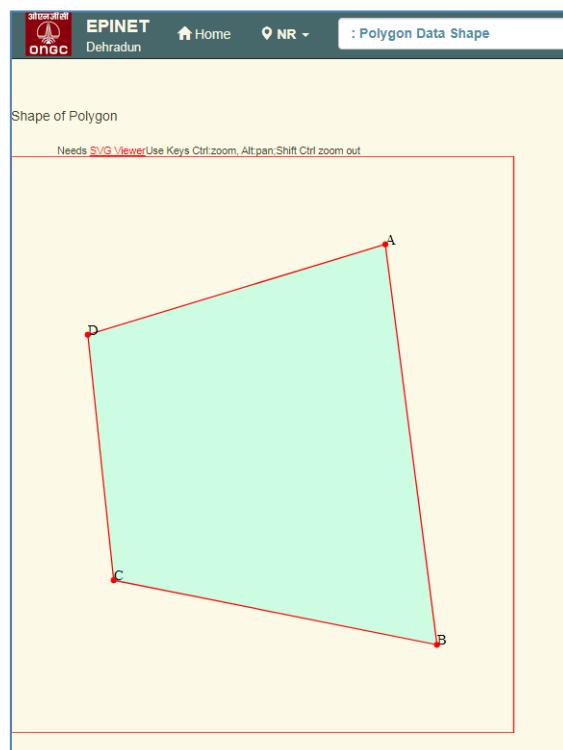
ID	Name	Type	Remarks	Insert Date	Insert User	Update Date
1	test					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						

## 2. Adding points

Select the ID corresponding to the Header entry and start adding points

Custom Polygon Points						Load data for other Regions	Help	E125649
						Search		
		Name	Area ID	X	Y	Sequence No		
H	1	TEST_CUSTPOLY1	4465469	80.180006793	27.429758270	5		
C	2	TEST_CUSTPOLY1	4465469	80.239063040	26.868723917	4		
X	3	TEST_CUSTPOLY1	4465469	80.977266136	26.721083298	3		
	4	TEST_CUSTPOLY1	4465469	80.859153641	27.636455136	2		
	5	TEST_CUSTPOLY1	4465469	80.180006793	27.429758270	1		
	c							

IMPORTANT: Points must be added in clockwise order



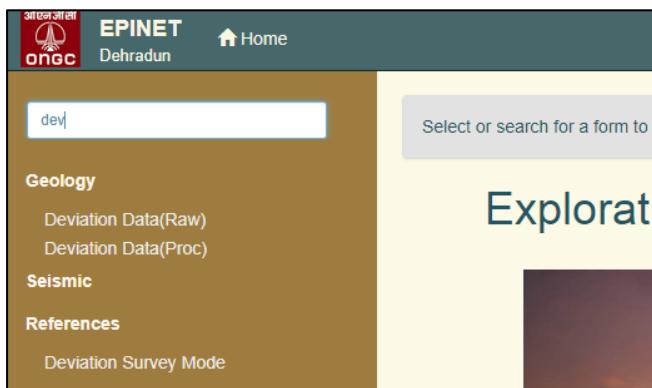
Once saved, the shape is automatically created in Database

The polygon can be viewed in Map or separate viewer

The orange icons in the form show the options

	ID	Name	Type	Remarks	Insert Date	Insert User	Update Date	Upda
1	4465469	TEST_CUSTPOLY1	CUSTOM_BOUNDARY		28-Nov-2019	E125649	28-Nov-2019	E1256
2	4465113	TEST_CUSTPOLY	CUSTOM_BOUNDARY		18-Nov-2019		27-Nov-2019	E6407
3								
4								

## Deviation Data Loader



Add New Survey Header

The screenshot shows the "Deviation Survey(Raw)" interface. At the top is a "Home" button and the title "Deviation Survey(Raw)". Below is a toolbar with icons for "Upload New Data" (highlighted with a black arrow), "View Data", and other actions. A table lists survey data with columns: ID, UBHI, Borehole Name, and Survey Source. The data includes rows for boreholes 1, 2, 3, and 4.

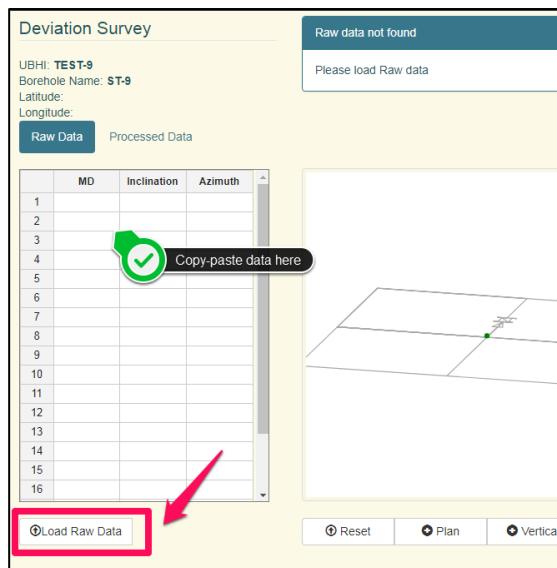
ID	UBHI	Borehole Name	Survey Source
1	118381	N-SJNP-1-Z	SJNP-1-Z
2			
3			
4			

Now, select the Survey and Click on "Add Survey Points"

The screenshot shows a table of survey points. A green checkmark icon is placed over the first row. A red box highlights the "Add / View / Process Survey Points" button at the top right of the table area. The table has columns: ID, UBHI, Borehole Name, Survey Source, Survey Name, Reference Type, and Declin. Rows 1 and 2 are populated with data, while others are empty.

ID	UBHI	Borehole Name	Survey Source	Survey Name	Reference Type	Declin
1	4072342	TEST-9	ST-9		True	
2	118381	N-SJNP-1-Z	SJNP-1-Z		True	
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Deviation Data Loader opens. Data can be copy-pasted from excel into the grid  
Then, Click on "Load Raw Data" to load raw data into Database



See sample below

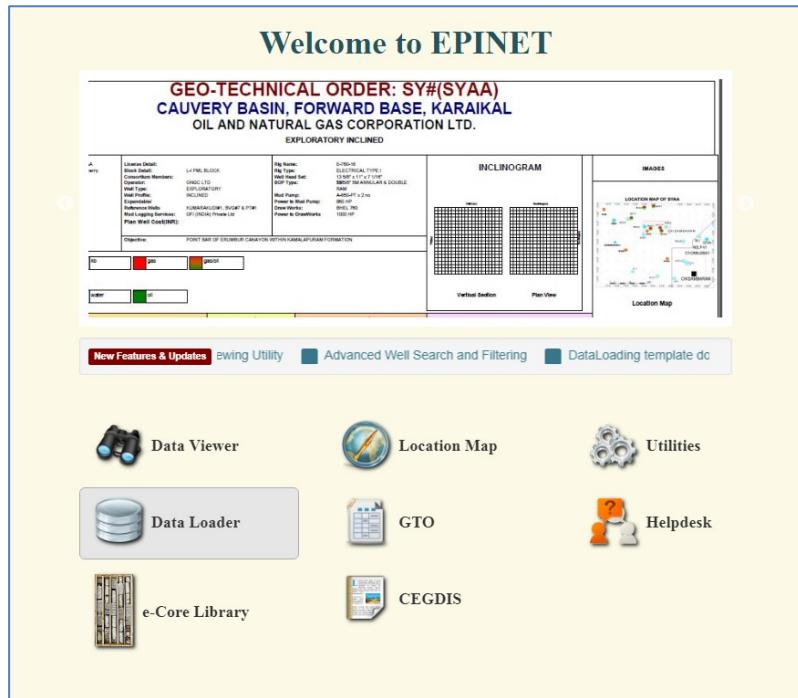
	MD	Inclination	Azimuth
1	610.0000	0.7500	360.0000
2	620.0000	1.0000	360.0000
3	629.0000	2.0000	360.0000
4	639.0000	2.2500	360.0000
5	675.0000	5.0000	355.0000
6	678.0000	4.0000	350.0000
7	680.0000	6.0000	351.0000
8	765.0000	8.7500	348.0000
9	815.0000	11.0000	345.0000
10	881.0000	12.5000	347.0000
11	939.0000	16.7500	347.0000
12	965.0000	16.7500	346.5000
13	1,020.0000	14.0000	347.5000
14			
15			
16			

The screenshot shows the 'Deviation Survey' application after data has been loaded. At the top, it displays 'UBHI: TEST-9' and 'Borehole Name: ST-9'. Below this, there are fields for 'Latitude' and 'Longitude'. A tab bar at the bottom has 'Raw Data' selected. In the center, there is a table with columns 'MD', 'Inclination', and 'Azimuth'. Rows 1 through 4 are listed. To the right, a green box displays the message 'Done!' and 'Raw deviation data has been loaded successfully!'. The 3D borehole plot is visible on the right side.

# Remote Sensing Data Loader

## Accessing the Loader

Accessible at *EPINETPortal* under **Data Loader**

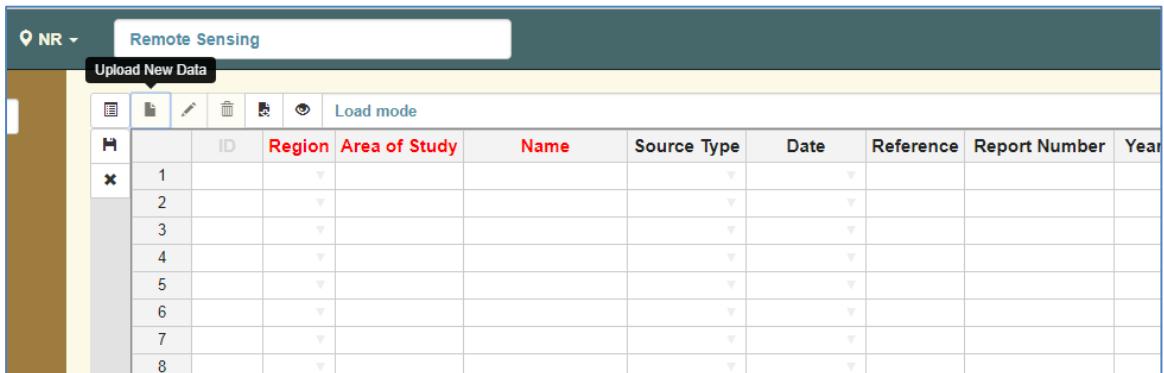


## Open Remote Sensing Data

This screenshot shows the 'Remote Sensing' section of the EPINET portal. On the left, a sidebar lists categories such as Lease, Well General, Geology, Geology Lab, Chemistry Lab, Petrophysical Lab, PVT Lab, Drilling, Reservoir, Enhanced Oil Recovery (EOR), Production, Seismic, Logs, Document, Remote Sensing Data (which is selected and highlighted in dark grey), and References. The main area is a data grid titled 'View Data' with columns for ID, Region, Area of Study, Name, Source Type, Date, and Reference. The first 15 rows of data are listed, all from the ANDAMAN region. A note at the bottom of the grid states: 'Grid is in View mode now. Recent records are displayed on top. Click 'Edit Data' to edit records in view or click 'Fetch' to fetch more data.' The top navigation bar includes the ONGC logo, 'EPINET Dehradun', and a 'Home' button.

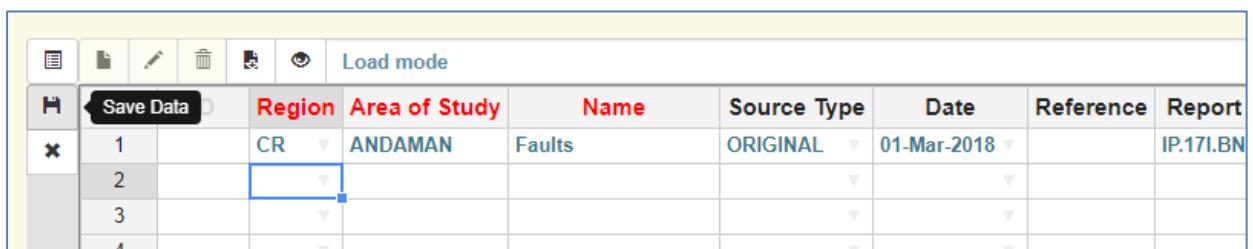
## **Adding new data**

Click Upload Icon to enter metadata



ID	Region	Area of Study	Name	Source Type	Date	Reference	Report Number	Year
1								
2								
3								
4								
5								
6								
7								
8								

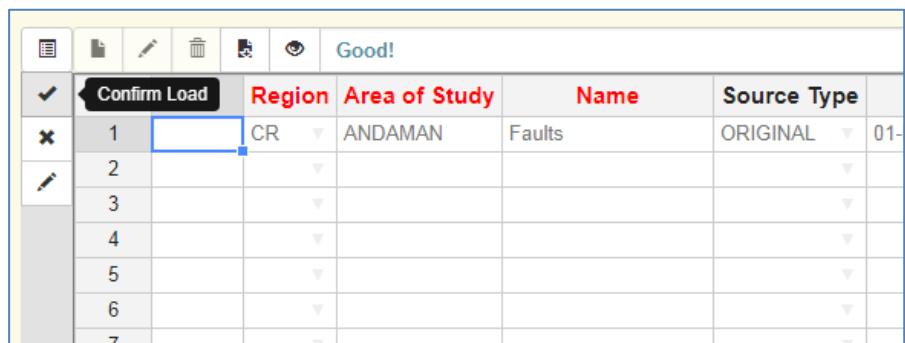
Click **Save** after entering metadata



ID	Region	Area of Study	Name	Source Type	Date	Reference	Report
1	CR	ANDAMAN	Faults	ORIGINAL	01-Mar-2018	IP.17I.BN	
2							
3							
4							

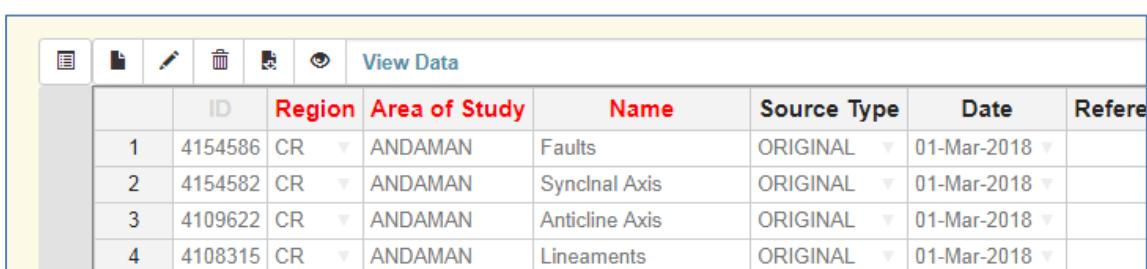
The fields are checked and errors if any are displayed.

If everything is correct, **Confirm** icon appears. Click to complete the data entry



ID	Region	Area of Study	Name	Source Type
1	CR	ANDAMAN	Faults	ORIGINAL
2				
3				
4				
5				
6				
7				

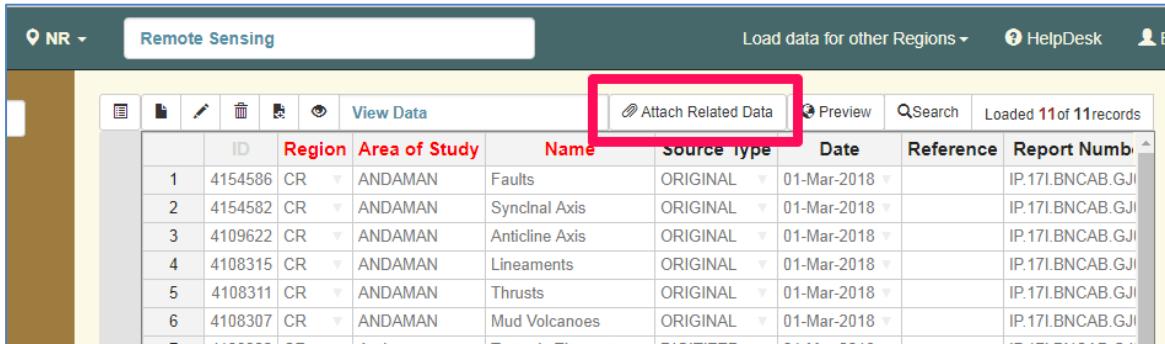
The page reloads to show new entry



ID	Region	Area of Study	Name	Source Type	Date	Reference
1	4154586	CR	Faults	ORIGINAL	01-Mar-2018	
2	4154582	CR	Synclinal Axis	ORIGINAL	01-Mar-2018	
3	4109622	CR	Anticline Axis	ORIGINAL	01-Mar-2018	
4	4108315	CR	Lineaments	ORIGINAL	01-Mar-2018	

## Loading shape files

After loading metadata, click **Attach Related Data** to attach shape files



The screenshot shows a table with columns: ID, Region, Area of Study, Name, Source type, Date, Reference, and Report Number. The 'Attach Related Data' button is highlighted with a red box.

ID	Region	Area of Study	Name	Source type	Date	Reference	Report Number
1	4154586	CR	ANDAMAN	Faults	ORIGINAL	01-Mar-2018	IP.17I.BNCAB.GJI
2	4154582	CR	ANDAMAN	Synclinal Axis	ORIGINAL	01-Mar-2018	IP.17I.BNCAB.GJI
3	4109622	CR	ANDAMAN	Anticline Axis	ORIGINAL	01-Mar-2018	IP.17I.BNCAB.GJI
4	4108315	CR	ANDAMAN	Lineaments	ORIGINAL	01-Mar-2018	IP.17I.BNCAB.GJI
5	4108311	CR	ANDAMAN	Thrusts	ORIGINAL	01-Mar-2018	IP.17I.BNCAB.GJI
6	4108307	CR	ANDAMAN	Mud Volcanoes	ORIGINAL	01-Mar-2018	IP.17I.BNCAB.GJI
7	4108303	CR	Andaman	Tectonic Elements	DIGITIZED	01-Mar-2018	IP.17I.BNCAB.GJI

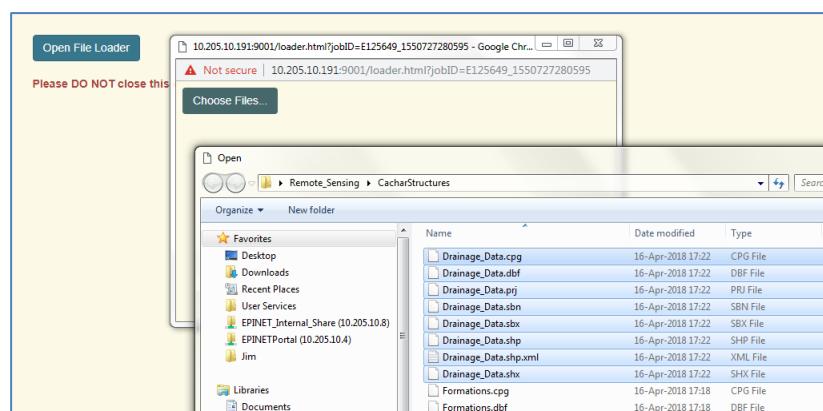
  


Attaching Document for Faults-ANDAMAN-4154586 : (4154586)

**Open File Loader**

Please DO NOT close this window till upload completes!

Click on **Open File Loader** and choose files to upload and click **Upload** in next screen

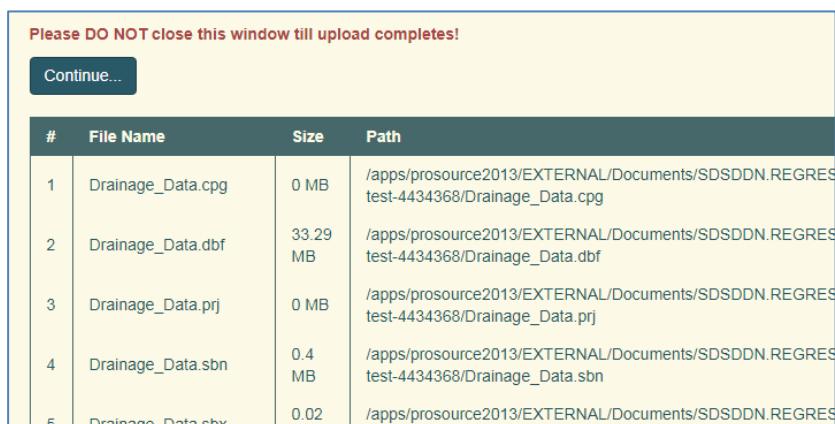


The dialog box shows a list of files in a folder named 'CacharStructures'. The files listed are:

Name	Date modified	Type
Drainage_Data.cpg	16-Apr-2018 17:22	CPG File
Drainage_Data.dbf	16-Apr-2018 17:22	DBF File
Drainage_Data.prj	16-Apr-2018 17:22	PRI File
Drainage_Data.jbn	16-Apr-2018 17:22	SBN File
Drainage_Data.sbx	16-Apr-2018 17:22	SBX File
Drainage_Data.shp	16-Apr-2018 17:22	SHP File
Drainage_Data.shp.xml	16-Apr-2018 17:22	XML File
Drainage_Data.shx	16-Apr-2018 17:22	SHX File
Formations.cpg	16-Apr-2018 17:18	CPG File
Formations.dbf	16-Apr-2018 17:18	DBF File

Once complete, list of uploaded files are displayed

Loading is not yet fully complete

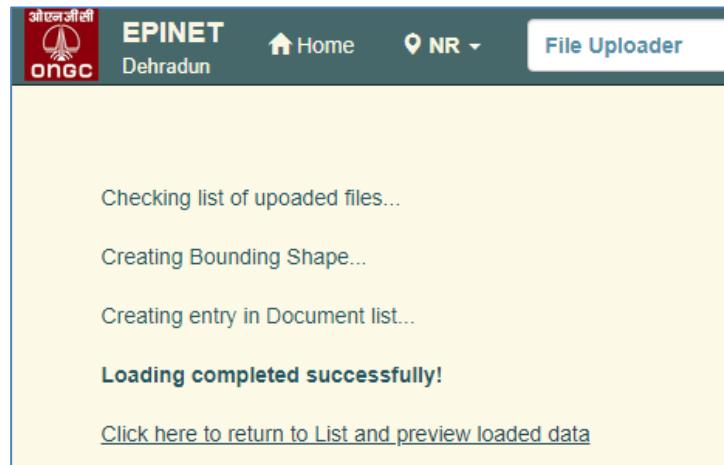


Please DO NOT close this window till upload completes!

**Continue...**

#	File Name	Size	Path
1	Drainage_Data.cpg	0 MB	/apps/prosource2013/EXTERNAL/Documents/SDSDDN.REGRES/test-4434368/Drainage_Data.cpg
2	Drainage_Data.dbf	33.29 MB	/apps/prosource2013/EXTERNAL/Documents/SDSDDN.REGRES/test-4434368/Drainage_Data.dbf
3	Drainage_Data.prj	0 MB	/apps/prosource2013/EXTERNAL/Documents/SDSDDN.REGRES/test-4434368/Drainage_Data.prj
4	Drainage_Data.sbn	0.4 MB	/apps/prosource2013/EXTERNAL/Documents/SDSDDN.REGRES/test-4434368/Drainage_Data.sbn
5	Drainage_Data.sbx	0.02	/apps/prosource2013/EXTERNAL/Documents/SDSDDN.REGRES/test-4434368/Drainage_Data.sbx

Click Continue to complete loading



Click the link in the end to return to list of files

The screenshot shows a table of data with the following columns: Region, Area of Study, Name, Source Type, Date, and Reference. The data consists of six rows, all of which have "ANDAMAN" listed under "Area of Study". The "Name" column lists geological features: "Faults", "Synclinal Axis", "Anticline Axis", "Lineaments", "Thrusts", and "Mud Volcanoes". The "Source Type" column is consistently "ORIGINAL". The "Date" column shows "01-Mar-2018" for all entries. The "Reference" column is empty.

	Region	Area of Study	Name	Source Type	Date	Reference
1	4154586	CR	ANDAMAN	Faults	ORIGINAL	01-Mar-2018
2	4154582	CR	ANDAMAN	Synclinal Axis	ORIGINAL	01-Mar-2018
3	4109622	CR	ANDAMAN	Anticline Axis	ORIGINAL	01-Mar-2018
4	4108315	CR	ANDAMAN	Lineaments	ORIGINAL	01-Mar-2018
5	4108311	CR	ANDAMAN	Thrusts	ORIGINAL	01-Mar-2018
6	4108307	CR	ANDAMAN	Mud Volcanoes	ORIGINAL	01-Mar-2018

Select an item in list and click Preview to see the loaded shape file



# Location Map - EPIMAPS

EPIMAPS is a java based application that can be used to draw shapes of data objects like wells, lines, leases, etc. from EPINET Database on a map which can later be used to generate plots as per scale. Although there are a lot of map-based applications (ArcGIS, etc.) available in the industry, it is cumbersome to import our customized data objects to view-based maps. EPIMAPS employs a layer-based, project centric approach focussing mainly on reusability (minor tweaks in older maps to generate newer ones by using data list), flexibility (import/export map - .pdf/.png) and customizations (custom-built maps depending on user) while maintaining data integrity (data is always fetched on-the-fly from database for display)

## Site Requirements

As EPINET caters to users from both ends of upstream sector (exploration as well as production), EPIMAPS has been developed using java and can be launched from both UNIX (workstation based systems) and WINDOWS systems. The application can be launched from any desktop which supports java 1.6 or above. Please make sure that adequate plot application like PDF Creator, PDF Complete, etc. are installed to generate plots in PDF.

Also, launching of EPIMAPS does not require any additional role to be assigned, if you have access to view data in Dataviewer; you are automatically granted role to create maps using EPIMAPS

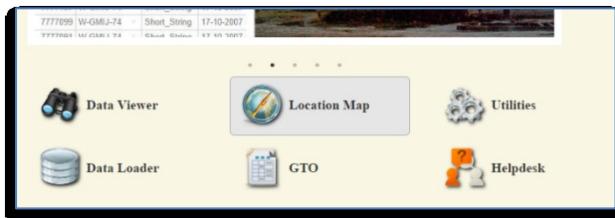
## Installation

Required java programs are hosted in regional EPINET portal. It is advised to always use JNLP link to launch latest version from the portal directly.

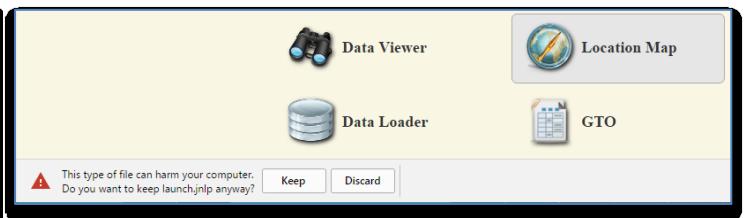
## Usage

### a) Launching the application

1. Click on EPIMAPS icon



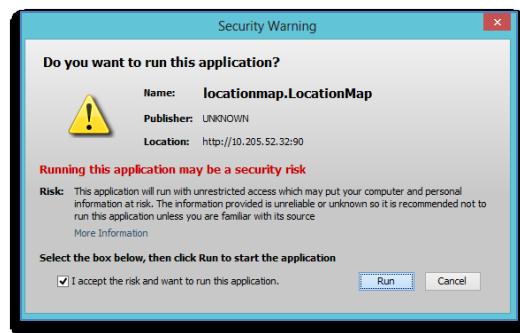
2. "Keep" the .jnlp file



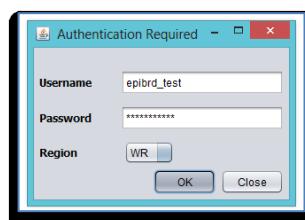
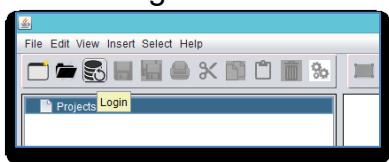
3. Click on launch.jnlp



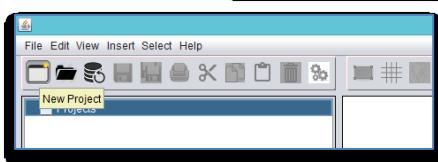
4. Ignore warnings & Click on run



5. Click on login button and enter credentials



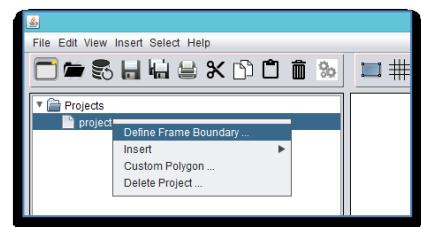
6. Create a new Project



7. Only after addition of a project, we can add different layers like wells, lines, 3D surveys or polygons. Below gives you a walkthrough of the EPIMAPS.

### b) Setting frame for map

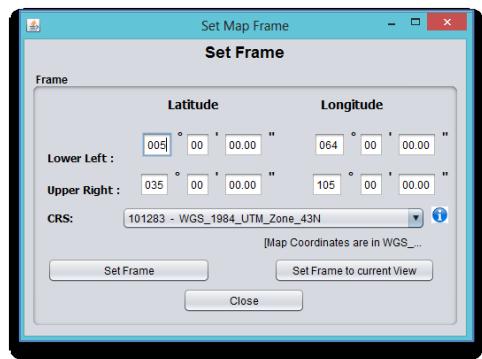
1. Right click on **Project** and click on **Define Frame Boundary** which opens a dialog box



2. The “Lower-left” and “Upper-right” rows specify the latitude and longitude values of diagonal corners of the Map to be plotted. By default, they are set to display the entire map of India; user must set them according to their need.

3. A proper Coordinate Reference System (CRS) need to be chosen to plot the map. If user need to examine the parameters used by the Spheroid and Projection System used in the CRS, they can do the same by clicking the information button “i”.  
 4. After specifying proper lat-long values and selecting a proper CRS, click on Set Frame to display on Map View Area of EPIMAPS.

Note: EPINET Site - DB Admins should take care that appropriate CRS values are available in Database as per user requirement.



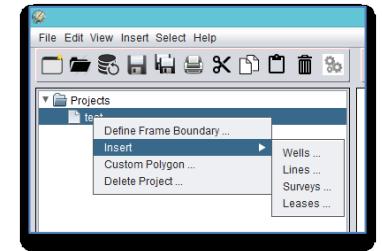
### c) Adding grid / graticule to Map

1. Click on **Add Grid** icon from map tool bar to show grid-lines / ----- graticule (+) on map.
2. Choose an appropriate Unit – Degree/Minute/Second.
3. Specify interval in which grid need to occur on map.
4. Click ok to display the grid on map view. To change the grid, repeat the procedure.

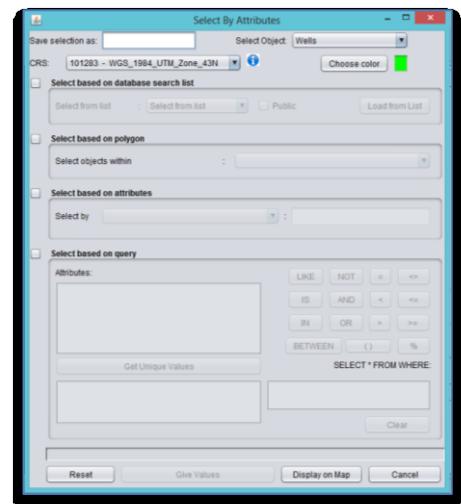


### d) Adding objects / layers to Map

1. Choose an icon from map tool bar or Right click on project in project view and click on **Insert >** to add objects like wells, 2D lines, 3D surveys and leases
2. Customized polygons, points and lines can also be added to map by selecting the following icon. The icon is shown next to the text. The procedure for the same will be discussed in detail in the next section.



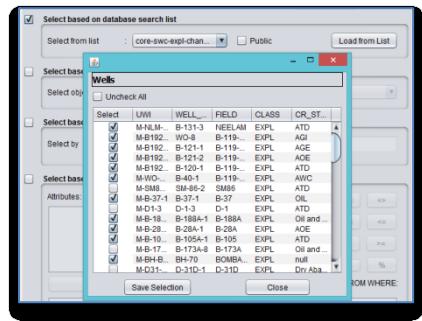
3. In the dialog box that appears in EPIMAPS, specify the following:  
**Layer name** in “Save selection as” text field  
**Object Type** in “Select object”  
**CRS** and  
**Color of layer** using “Choose color” button



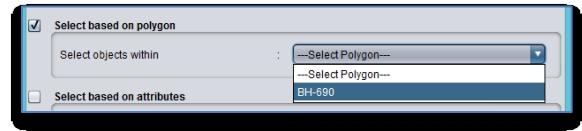
4. The objects can be filtered using following four methods:

a. **Select based on database search list:** Here, the user need to choose his/her already saved data list from EPINET.

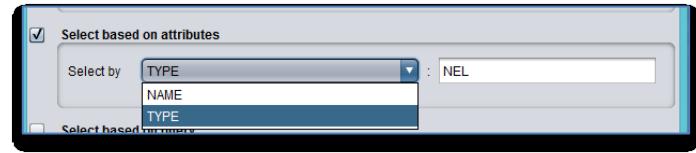
- Click on “Load from List” after selecting a data list
- A dialog box with values from the selected list is shown
- Choose required list and click on save selection



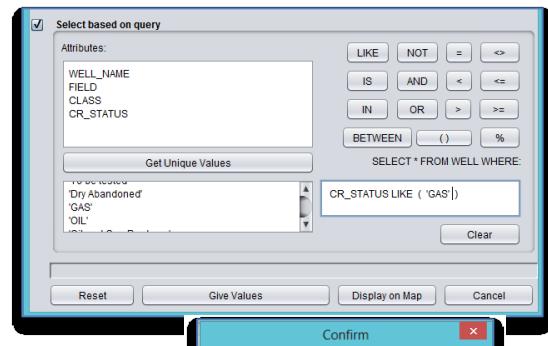
b. **Select based on polygon:** If a customized polygon is already defined in the map, select the polygon and click on “Give Values” to get a list of objects that fall within the polygon.



c. **Select based on attributes:** Every object is identified by different attributes. For eg. Wells can be categorized on basis of name, field they belong to, their current status, etc. Hence each object has different attributes, and through EPIMAPS; you can filter data objects based on these attributes. After selecting a particular attribute, click on “Give Values”. The figure shown alongside shows selection of leases of NELP category.

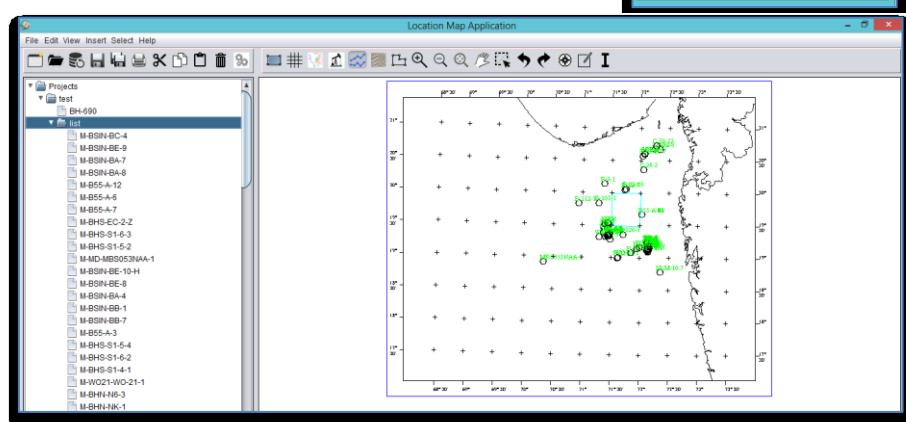
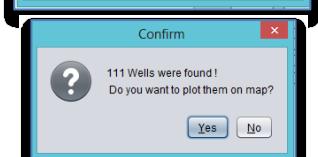


d. **Select based on query:** In this selection, user can build customized queries as per requirement. If user does not know values in EPINET, click on attribute and then “Get Unique Values” and build a query in the query window. A little knowledge of ORACLE-SQL will assist user in better query-building.



5. After selection of objects, click on “Display on Map” button to show the objects in Map View. A prompt to save this layer as data list will appear. This data list can be reused in Data viewer DTM module and Report & Charts module. After

providing choice of data list saving, another dialog box informs about number of actual objects to be displayed on map view. Click OK. The layer will appear in project view under project name and those objects will be shown in Map view. Each object in a layer can be formatted by using the “Format <object>” option.



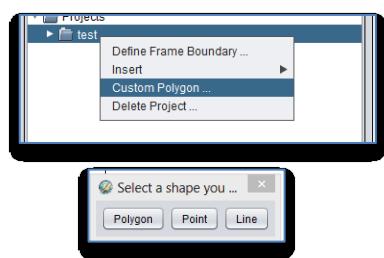
## e) Add custom shapes to Map

1. Click on this icon  from map toolbar

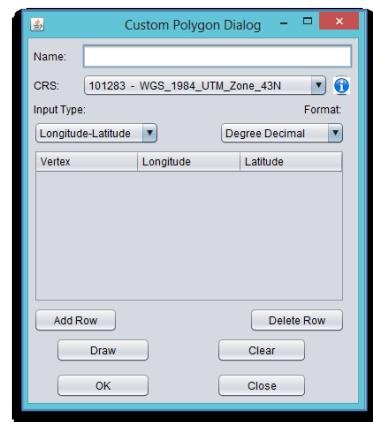
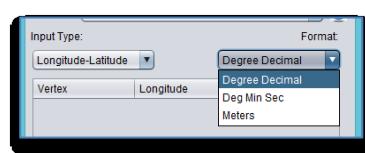
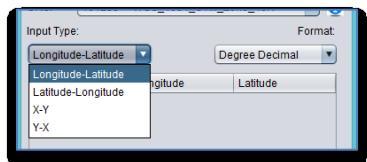
OR

Right Click on Project and click on “Custom Polygon...”

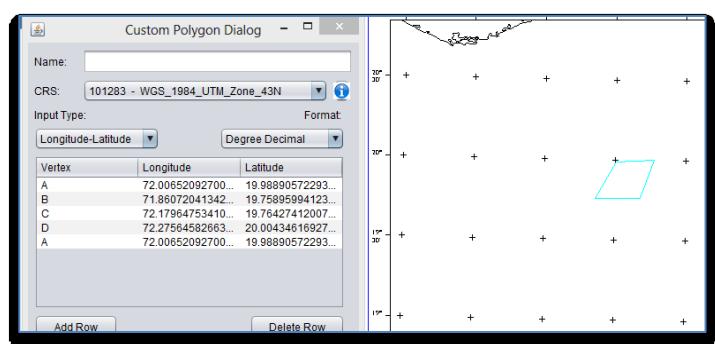
2. In the dialog box, choose the shape – POLYGON / POINT / LINE.



3. In the Custom Shape window, give a suitable polygon name which will be also the layer name (reflected in layer view). Select appropriate CRS, Input Type (whether coordinates are in order of Lat-Lon / Lon-Lat / X-Y / Y-X) and Format (Degree Decimal / Deg Min Sec / Meters)



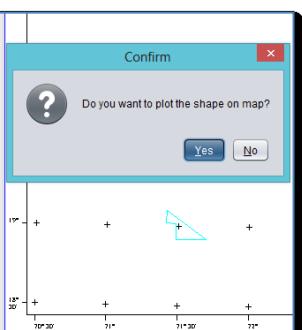
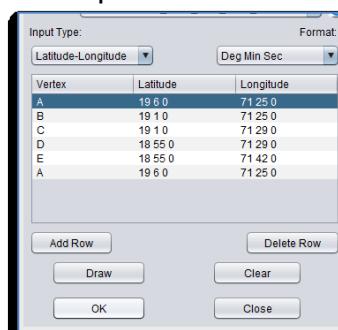
4. You can draw the shape directly on map view, the coordinates are automatically populated in the shape window.



5. Otherwise if coordinates of shape is available, the same can be copied and pasted to the Vertices table in Custom Shape window. The Column Values must be tab – delimited to enable direct copy-paste of values from excel/notepad to Vertices Table. A sample format is given below:

**For E.g.:** Select “Input Type” as Latitude-Longitude and “Format” is “Deg Min Sec”, then content that can be copied and pasted should be in following format. Click on “Add Row” button and click on first column and paste the text. Now click on Draw – the shape will appear on Map, if found OK, click OK to draw the shape on Map.

A	19 6 0	71 25 0
B	19 1 0	71 25 0
C	19 1 0	71 29 0
D	18 55 0	71 29 0
E	18 55 0	71 42 0
A	19 6 0	71 25 0

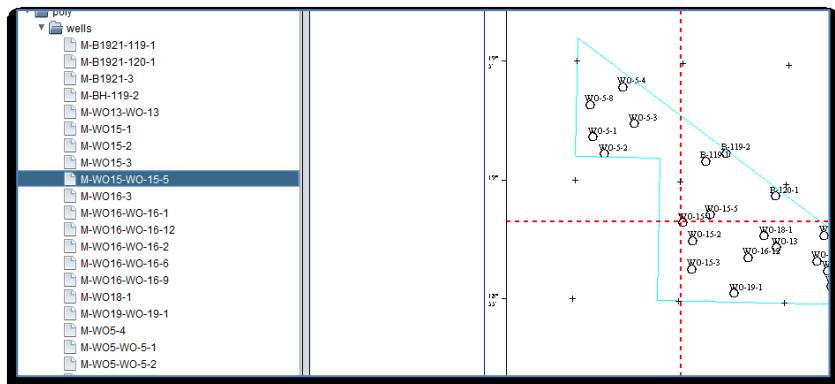


- After the shape is drawn in Map view, the layer name appears in project view. User can modify or insert further layers of Wells, Lines, surveys and leases inside the shape.

## f) Selecting objects from map-view and tree-view

- User can select and highlight objects in map for further detailed study. On clicking of any object in project view, the same will be highlighted in Map view.

- If you need to identify certain object from Map view, you have to enter to Select Mode, where cursor type changes to the crosshair cursor (+). To enter into Select Mode, click on following icon in Map View.



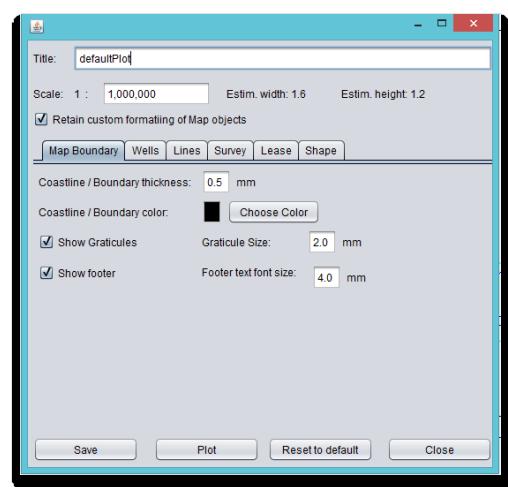
## g) Other map functions

- Common map functions like zoom in, zoom out, back to normal state, pan, etc, has been added to map toolbar
- Also file operations such as create new, open old project and deletion of layer has been added to file toolbar

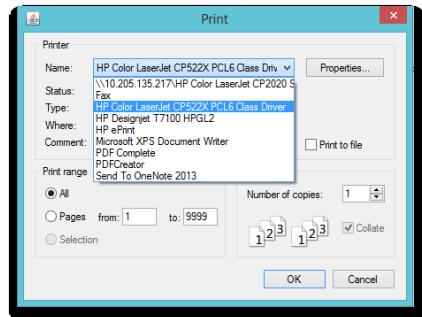


## h) Plotting map

- User can plot the map to PDF / Plotter / Printer using the print icon.
- On clicking the print icon, a window to set various features of map like thickness of coast, symbol-size of wells, color of label, symbols, etc. and other such features.
- Specify the name by which you want save these parameters in the "Title" text box.
- Provide an appropriate scale in the 1 : \_\_\_\_\_ Box, estimated height and width of the plot is shown in inches. The actual height and width may vary as extra header and footer is added during actual plot, so user must consider while setting the scale.

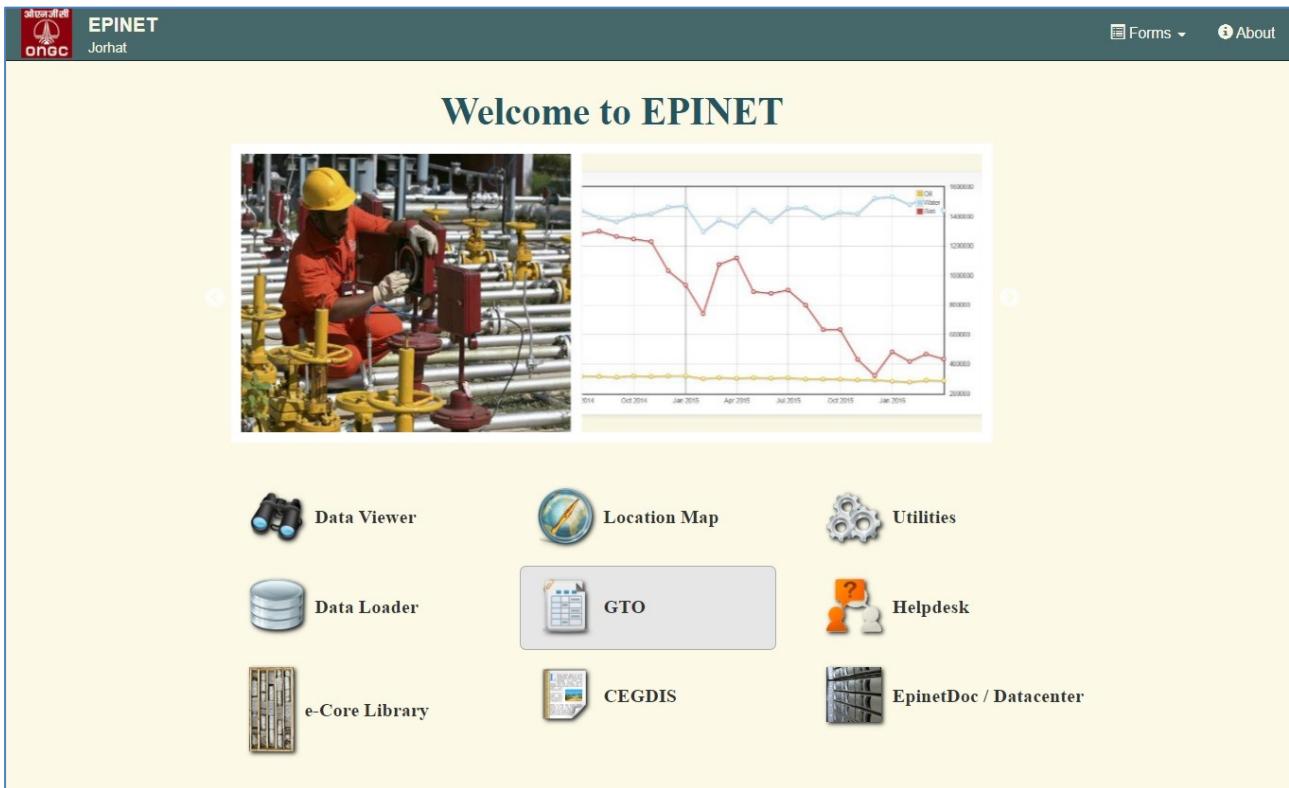


5. After everything has been selected and set according to user requirement, click on SAVE and then click on Plot. The Print Dialog Window will open, choose a printer/ plotter / pdf – generator application to plot the map.



# GTO Generation

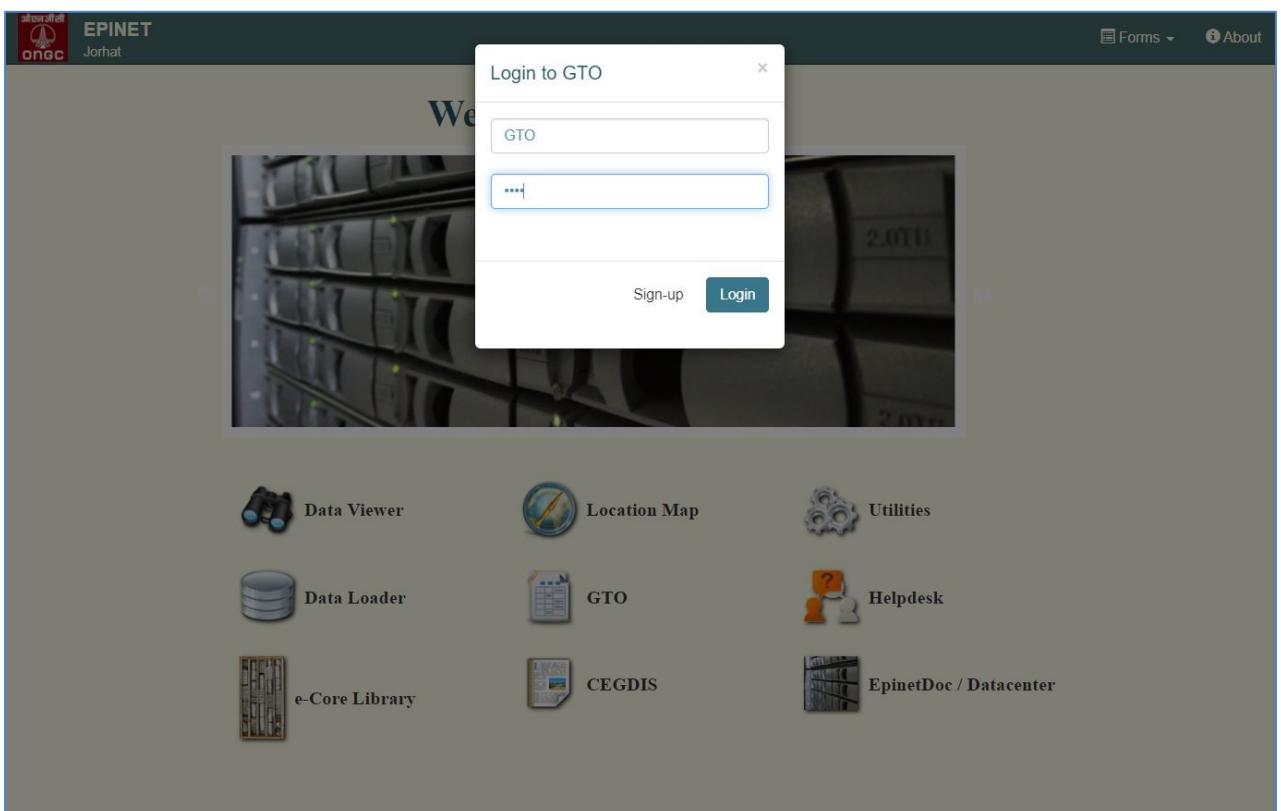
## 1. EPINET Home Page



The screenshot shows the EPINET Jorhat home page. At the top left is the ONOC logo and the text "EPINET Jorhat". At the top right are links for "Forms" and "About". The main title "Welcome to EPINET" is centered above a photograph of a worker in a red uniform and yellow hard hat working on industrial pipes. To the right of the photo is a line graph showing oil production over time from October 2014 to January 2016, with three data series: Oil (blue), Gas (yellow), and Water (red). Below the photo and graph are eight menu icons arranged in two rows of four:

- Data Viewer
- Location Map
- Utilities
- Helpdesk
- Data Loader
- GTO
- CEGDIS
- EpinetDoc / Datacenter
- e-Core Library

## 2. Login



The screenshot shows the EPINET login screen. A modal window titled "Login to GTO" is centered over the background image of server racks. The modal contains two input fields: "GTO" and "...." (representing a password), and two buttons: "Sign-up" and "Login". Below the modal are the same eight menu icons as the home page:

- Data Viewer
- Location Map
- Utilities
- Helpdesk
- Data Loader
- GTO
- CEGDIS
- EpinetDoc / Datacenter
- e-Core Library

3. Default page

Geo Technical Order  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

Set Current Well

Selected Well

New Well

GTO Parameters

Generate GTO

Log out

Message

Select Well First

4. New Well Creation for GTO

Click on button “New Well”, then type name of the well and click on “Add” button.

Geo Technical Order  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

Set Current Well

Selected Well

New Well

TEST-SAN

Add

GTO Parameters

Generate GTO

Log out

Message

Select Well First

5. Well header after new well creation

**Geo Technical Order**  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

Header Information Of Well TEST-SAN	
Location	ONSHORE
Work Centre	AAFB Exploratory Asset
Well Number	
Ice Well Number	
HPHT	N
Shale Gas/CBM	None
State	
District	
Postal Address	
Police Station/ Fire Station	
WBS Element	
Basin/Sub Basin/Field	
Structure/Prospect	
Target Depth(m)MSL	
GL(m)	
Water Depth(m)	
KB(m)	
Latitude(Released)	00° 00' 00.00" N
Longitude(Released)	00° 00' 00.00" E
Latitude(Actual)	00° 00' 00.00" N
Longitude(Actual)	00° 00' 00.00" E

6. Well Header

**Geo Technical Order**  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

Header Information Of Well TEST-SAN	
Location	ONSHORE
Work Centre	AAFB Exploratory Asset
Well Number	A-1
Ice Well Number	
HPHT	N
Shale Gas/CBM	None
State	Assam
District	
Postal Address	
Police Station/ Fire Station	
WBS Element	AG.14E.PMLAG.AG#A-1
Basin/Sub Basin/Field	XYZ
Structure/Prospect	XYZ
Target Depth(m)MSL	3900
GL(m)	9.14
Water Depth(m)	
KB(m)	22.013
Latitude(Released)	23° 43' 66.23" N
Longitude(Released)	91° 18' 05.24" E
Latitude(Actual)	23° 46' 12.54" N
Longitude(Actual)	91° 18' 54.00" E

## 7. Well header (continued)

**Geo Technical Order**  
**Site: Jorhat**  
**Region: ER**

Logged in as USERID = EP127023

<input type="button" value="Set Current Well"/> <input type="button" value="Selected Well"/> <b>TEST-SAN</b> <input type="button" value="New Well"/> <input type="button" value="GTO Parameters"/> <input type="button" value="Well Header Data"/> <input type="button" value="Geol &amp; Geoph Data"/> <input type="button" value="Mud Parameters"/> <input type="button" value="Drilling Data"/> <input type="button" value="Drill Progress"/> <input type="button" value="Drilling Summary"/>  <input type="button" value="Deviation Data"/> <input type="button" value="Addl Dev Data"/> <input type="button" value="General Remarks"/> <input type="button" value="Complications"/> <input type="button" value="Geological Table"/>  <input type="button" value="Images Data"/> <input type="button" value="Signatures"/> <input type="button" value="Data Copy"/> <input type="button" value="Generate GTO"/> <input type="button" value="Log out"/>	<p>Well Type: EXPLORATORY</p> <p>Well Profile: INCLINED</p> <p>Latitude(SubSurface): 00° 00' 00.00" N</p> <p>Longitude(SubSurface): 00° 00' 00.00" E</p> <p>Expendable/Non-Expendable: NON-EXPENDABLE</p> <p>Reference Wells:</p> <p>Mud Logging Services:</p> <p>Plan Well Cost: 12345678</p> <p>Objective: TO EXPLOIT GAS FROM B-XVI-III PAY SAND OF ONGC FIELD</p> <p><b>Drilling Data</b></p> <p>Rig Name: ARMCO-1320-UE</p> <p>Rig Type: ELECTRICAL</p> <p>Well Head Set: 3CPX10M</p> <p>BOP Type: 13 5/8" - 5M (Annular / Double Ram)</p> <p>Mud Pump: A-1100-PT</p> <p>Power to Mud Pump: 1100 HP</p> <p>Draw Works: 2000 HP</p> <p>Power to Draw Works: 1400 HP</p> <p><input type="button" value="save"/></p>
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## 8. Geological & Geophysical data

Click on button “Geol. & Geoph. Data”

**Geo Technical Order**  
**Site: Jorhat**  
**Region: ER**

Logged in as USERID = EP127023

<input type="button" value="Set Current Well"/> <input type="button" value="Selected Well"/> <b>TEST-SAN</b> <input type="button" value="New Well"/> <input type="button" value="GTO Parameters"/> <input type="button" value="Well Header Data"/> <input type="button" value="Geol &amp; Geoph Data"/> <input type="button" value="Mud Parameters"/> <input type="button" value="Drilling Data"/> <input type="button" value="Drill Progress"/> <input type="button" value="Drilling Summary"/>  <input type="button" value="Deviation Data"/> <input type="button" value="Addl Dev Data"/> <input type="button" value="General Remarks"/> <input type="button" value="Complications"/> <input type="button" value="Geological Table"/>  <input type="button" value="Images Data"/> <input type="button" value="Signatures"/> <input type="button" value="Data Copy"/> <input type="button" value="Generate GTO"/> <input type="button" value="GTO Ready"/> <input type="button" value="Log out"/>	<p><b>Geology &amp; Geophysical Data for Well TEST-SAN</b></p> <p>Select Data:</p> <p>PROGNOSSED AGE</p> <p>PROGNOSSED FORMATION</p> <p>PROGNOSSED LITHOLOGY</p> <p>EXPECTED OIL / GAS SHOW</p> <p>CONVENTIONAL CORING</p> <p>WIRELINE LOGGING/LWD/VSP</p> <p>COLLECTION OF CUTTING SAMPLES</p> <p>ANGLE OF DIP</p> <p>DRILLING HAZARDS</p> <p>EXPECTED FORM TEMP</p> <p>EXPECTED FORM PRESS</p> <p>EXPECTED MUD LOSS/CAVING</p>
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## 9. Sample Geology & Geophysical data loading (Prognosed Age)

Select “Prognosed Age” from drop down list under “Geol. & Geoph. Data”

**Geo Technical Order**  
Site: Jorhat  
Region: ER  
Logged in as USERID = EP127023

Set Current Well  
Selected Well  
TEST-SAN  
New Well  
GTO Parameters  
Well Header Data  
Geol. & Geoph. Data  
Mud Parameters  
Drilling Data  
Drill Progress  
Drilling Summary  
Deviation Data  
Addl Dev Data  
General Remarks  
Complications  
Geological Table  
Images Data  
Signatures  
Data Copy  
Generate GTO  
GTO Ready  
Log out

**Geology & Geophysical Data for Well TEST-SAN**

Select Data  
PROGNOSSED AGE  
Depth as MD KB  
save Add Delete

Depth from	Depth to	Prognosed Age
0	767	PLIOCENE
767	1886	LATE MIocene
1886	2988	MIDDLE MIocene
2988	3900	EARLY TO MIDDLE MIocene
*	0	

## 10. Sample Geology and Geophysical data loading (Prognosed Lithology)

Select “Prognosed Lithology” from drop down list under “Geol. & Geoph. Data”

**Geo Technical Order**  
Site: Jorhat  
Region: ER  
Logged in as USERID = EP127023

Set Current Well  
Selected Well  
TEST-SAN  
New Well  
GTO Parameters  
Well Header Data  
Geol. & Geoph. Data  
Mud Parameters  
Drilling Data  
Drill Progress  
Drilling Summary  
Deviation Data  
Addl Dev Data  
General Remarks  
Complications  
Geological Table  
Images Data  
Signatures  
Data Copy  
Generate GTO  
GTO Ready  
Log out

**Geology & Geophysical Data for Well TEST-SAN**

Select Data  
PROGNOSSED LITHOLOGY  
Depth as MD KB  
save Add Delete

Depth from	Depth to	Prognosed Lithology (MDKB)
0	22.013	KB
7.64	100	SANDY CLAY
100	220	SANDSTONE
220	270	CLAY
270	430	SANDY CLAY
430	445	CLAY
445	460	SILTSTONE SANDY
460	480	CLAY
480	495	SANDSTONE
495	510	CLAY
510	620	SANDY CLAY
620	635	CLAY
635	770	SANDY CLAY
770	780	SANDSTONE
780	802	CLAY
802	812	SANDSTONE
812	864	CLAY
864	874	SILTSTONE
874	1012	SANDY CLAY

## 11. Mud Parameters data

Click on button “Mud Parameters Data”

The screenshot shows the 'Geo Technical Order' application interface. At the top right, it displays 'Site: Jorhat' and 'Region: ER'. On the left, there's a vertical menu bar with various buttons like 'Set Current Well', 'Selected Well' (set to 'TEST-SAN'), 'New Well', 'GTO Parameters', etc. A dropdown menu titled 'Select Data' is open, showing options such as 'MUD SYSTEM' (which is selected), 'MUD WEIGHT', 'FUNNEL VISCOSITY', 'FLUID LOSS', 'YIELD POINT/STATIC FLOW STRESS', 'SOLID PERCENT', 'GEL 0/3 RPM', 'GEL 10/GEL 30', and 'PH'. At the bottom right, it says 'Logged in as USERID = EP127023'.

## 12. Drilling Data

Click on button “Drilling Data”

The screenshot shows the 'Geo Technical Order' application interface. At the top right, it displays 'Site: Jorhat' and 'Region: ER'. On the left, there's a vertical menu bar with various buttons like 'Set Current Well', 'Selected Well' (set to 'TEST-SAN'), 'New Well', 'GTO Parameters', etc. A dropdown menu titled 'Select Data' is open, showing options such as 'CASING / LINER' (which is selected), 'CEMENT RISE', 'TYPE OF DRILLING', 'TYPE & SIZE OF BIT', 'NUMBER OF BITS', 'METERAGE PER BIT', 'WEIGHT ON BIT', 'RPM', 'DISCHARGE OF PUMP', 'STAND PIPE PRESSURE', 'CASING TYPE AND GRADE', and 'DRILL STRING/BHA'. At the bottom right, it says 'Logged in as USERID = EP127023'.



## 15. General Remarks

Click on button “General Remarks”

Logged in as USERID = EP12702

Sl.No.	Remarks
1	CIT,SIT and PIT/ LOT to be conducted after every casing as per st.
2	Casing Seats, shoe depths and types are tentative and may change
3	Logging days are given on the basis of normal logging. RCI on PC
4	The final depth of the well will be decided by the Wellsite Geologist
5	Compliance to EC directives, production testing by Drilling rig may
6	All drilling parameters are tentative subject to change as per actual
7	The well design is based on the envisaged pore pressure and other
8	Average testing time include Reservoir study, Activation job, exclu
9	Testing of objects may be carried out by TCP/TPP/conventional as

## 16. Images upload

Click on button “Images. Data”. Then “Choose File”, select image and “Upload file”

Logged in as USERID = EP12703

Select Image	File Size	Hide Label
<input checked="" type="radio"/> Location Map	60076	<input type="checkbox"/>
<input type="radio"/> Time Structure Map		<input type="checkbox"/>
<input type="radio"/> Seismic Section IL Map		<input type="checkbox"/>
<input type="radio"/> Seismic Section XL Map		<input type="checkbox"/>
<input type="radio"/> Seismic Section Depth Map		<input type="checkbox"/>
<input type="radio"/> Formation Pressure Chart		<input type="checkbox"/>
<input type="radio"/> Slot Diagram		<input type="checkbox"/>
<input type="radio"/> Custom Litho Symbol		<input type="checkbox"/>



## 17. Generate GTO

Click on button “Generate GTO”. Select Depth Tick and Depth Annotation Interval. Click on button “GTO”.

**Geo Technical Order**  
Site: Jorhat  
Region: ER

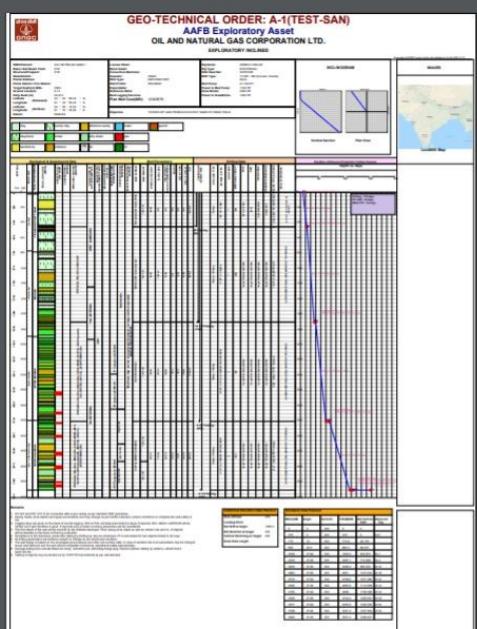
Logged in as USERID = EP127023

<b>Set Current Well</b>	<b>Geology &amp; Geophysical Data for Well TEST-SAN</b>		
Selected Well	TEST-SAN		
New Well	Select Data		
GTO Parameters	PROGNOSSED AGE		
Generate GTO	Depth as MD KB		
Set Parameters	save	Add	Delete
Depth Tick Interval	Depth from	Depth to	Prognosed Age
50 mtrs.	0	767	PLIOCENE
Depth Annot.Interval	767	1886	LATE MIocene
200 mtrs.	1886	2988	MIDDLE MIocene
GTO	2988	3900	EARLY TO MIDDLE MIocene
Freeze GTO	*	0	0
Log out			

## 18. Generated GTO

**Geo Technical Order**  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

<b>Set Current Well</b>	<a href="#">Download GTO in pdf format</a>
Selected Well	<a href="#">Download GTO in jpg format</a>
TEST-SAN	<a href="#">For error debugging download GTO in svg format</a>
New Well	
GTO Parameters	
Generate GTO	
Freeze GTO	
Log out	

## 19. Freeze GTO

After GTO data loading is complete, click on button “Freeze GTO” to freeze data loading/updating.

**Geo Technical Order**  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

<b>Set Current Well</b>	<b>Geology &amp; Geophysical Data for Well TEST-SAN</b>		
Selected Well	TEST-SAN		
New Well	PROGNOSED AGE		
GTO Parameters	Depth as MD KB		
Well Header Data	save	Add	Delete
Geol.& Geoph.Data	Depth from	Depth to	Prognosed Age
Mud Parameters	0	767	PLIOCENE
Drilling Data	767	1886	LATE MIocene
Drill Progress	1886	2988	MIDDLE MIocene
Drilling Summary	2988	3900	EARLY TO MIDDLE MIocene
Deviation Data	*	0	0
Addl Dev Data			
General Remarks			
Complications			
Geological Table			
Images Data			
Signatures			
Data Copy			
Generate GTO			
<b>Freeze GTO</b>			
Log out			

## 20. Modify/ Extend GTO

Click on button “Modified GTO/ Extended GTO” to modify or extend an existing GTO. These buttons are visible only when the original GTO data loading is freezed.

**Geo Technical Order**  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

<b>Set Current Well</b>	<b>Geology &amp; Geophysical Data for Well TEST-SAN</b>		
Selected Well	TEST-SAN		
New Well	PROGNOSED AGE		
GTO Parameters	Depth as MD KB		
Generate GTO	Depth from	Depth to	Prognosed Age
Modified GTO	0	767	PLIOCENE
Extended GTO	767	1886	LATE MIocene
Log out	1886	2988	MIDDLE MIocene
	2988	3900	EARLY TO MIDDLE MIocene

## 21. Data Copy

When data of one old well is to be used for creation of a new well then use option “Data Copy”. In this case “New Well” option is not required to be used for new well creation. “Data Copy” will create the new well as well as copy all the data (except deviation data, images & signatures) of old well to new well.

 ओएनजीसी

**Geo Technical Order**  
Site: Jorhat  
Region: ER

Logged in as USERID = EP127023

**New Well:**

save

**Set Current Well**

Selected Well  
TEST-SAN

**New Well**

**GTO Parameters**

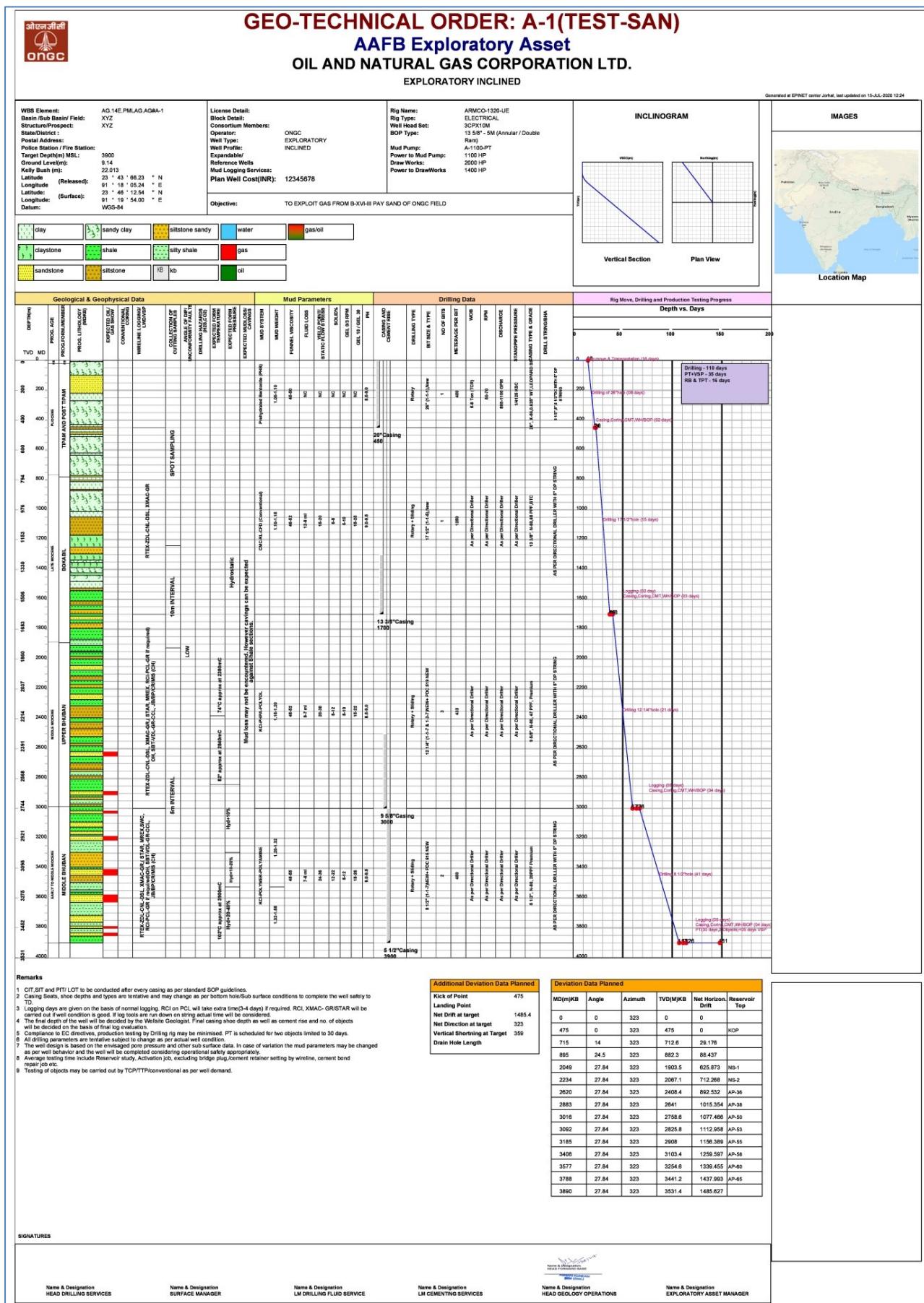
Well Header Data  
Geol.& Geoph.Data  
Mud Parameters  
**Drilling Data**  
Drill Progress  
Drilling Summary

Deviation Data  
Addl Dev Data  
General Remarks  
Complications  
Geological Table

Images Data  
Signatures  
**Data Copy**

Generate GTO  
Modified GTO  
Extended GTO  
**Log out**

## 22. Sample GTO output



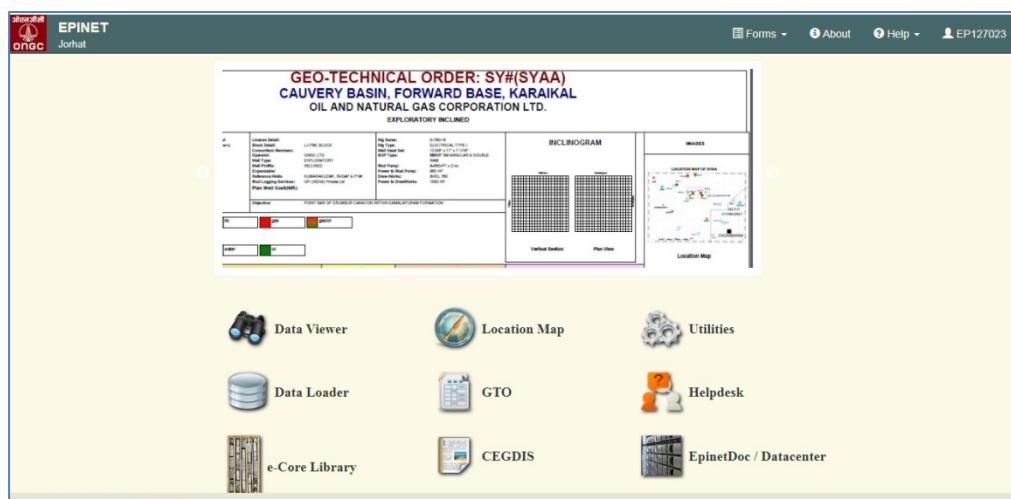


# e-Core Library

## Description

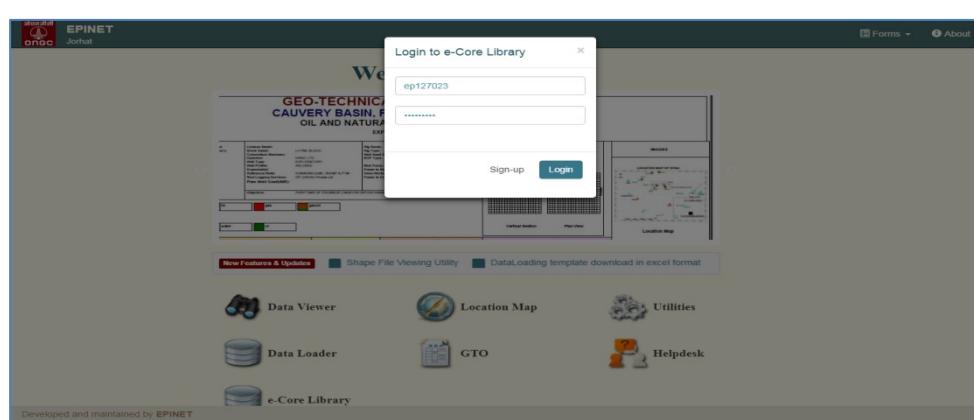
- **e-Core Library Portal** is an application to search and retrieve the location of sub-surface samples in the Core Libraries of Assets, Basins and Institutes, pan-ONGC.
- It is a web based application.
- The sub-surface samples' data are Core, SWC and Cuttings Data.
- The application can also be used to know the multiple locations of the cores of the same well in different core houses.
- The core indenting process is also mapped in this portal.
- The portal has been linked to EPINET Data Viewer.

## EPINET Home Page



A user can have three privileges: Librarian privileges, Indenter privileges and Administrator privileges  
Right now the screen is logged in as Indenter.

If you login as Librarian, you'll be able to see only the core houses of his concerned region. The core repository information of the Institutes like KDMIPE, IRS, etc. will be available to all irrespective of the region of the librarian.



## e-Core Library Home Page

The e-Core Library Portal homepage features a prominent banner at the top displaying five vertical stacks of geological cores. Below the banner, the title "e-CoreLibrary Portal" is centered. A navigation bar includes links for "SITE SYNOPSIS", "CORE LIBRARY", "USER MENU", and "CONTACT". On the left, there is a "Home" icon. On the right, there is a "Search" field with options to search by "Field/Well Name" or "Search Core By Formation".

In the site synopsis menu, a user can see the SOP and summary details of the RGLs and core houses of all the regions.

This page is titled "Core Library, Sibsagar". It includes a "SYNOPSIS" section describing the library's purpose and history. To the right, there are two images: one showing a long aisle of stacked cores in a large room, and another showing several vertical core samples labeled "Bokasil Formation".

This page shows the "CORE LIBRARY" menu selected. It lists three regions: "EASTERN REGION", "WESTERN REGION", and "MUMBAI REGION", with "SIBSAGAR" highlighted. To the right, there is a banner featuring five vertical stacks of cores. Below the banner, the title "Core Library, ONGC" is displayed, along with a "Search" field and search filters.



## SIBSAGAR Wells List

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

UWI	Well No	Well Name	Block	Field Name	State	
UWI	Well No	Well Name	Block	Field Name	State	<a href="#">Core Details</a>
E-ADMA-1	ADAMTILA-1	ATA	CACHAR	ADAMTILA	ASSAM	<a href="#">Core Details</a>
E-ADMA-2	ADAMTILA-2	ATD	CACHAR	ADAMTILA	ASSAM	<a href="#">Core Details</a>
E-ADMA-12	ADAMTILA-12		CACHAR	ADAMTILA	ASSAM	<a href="#">Core Details</a>
E-AZAN-1	AIZAWL-1	AZAA	CACHAR	AIZAWL	MIZORAM	<a href="#">Core Details</a>
E-AMGR-1	AMGURI-1	AMG-1	NAS	AMGURI	ASSAM	<a href="#">Core Details</a>
E-AMGR-2	AMGURI-2	AA	NAS	AMGURI	ASSAM	<a href="#">Core Details</a>
E-AMGR-3	AMGURI-3	AD	NAS	AMGURI	ASSAM	<a href="#">Core Details</a>
E-AMGR-5	AMGURI-5	AE	NAS	AMGURI	ASSAM	<a href="#">Core Details</a>
E-AMGR-6	AMGURI-6		NAS	AMGURI	ASSAM	<a href="#">Core Details</a>
E-AMGR-8	AMGURI-8		NAS	AMGURI	ASSAM	<a href="#">Core Details</a>

Search options are available against each column for ease of access. That is, we have the privilege of searching by well name, release name, block name, field name or state



## SIBSAGAR Wells List

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

UWI	Well No	Well Name	Block	Field Name	State	
UWI	Well No	Well Name	tripura	Field Name	State	<a href="#">Core Details</a>
E-BRMR-2	BARAMURA-2	BRMB	TRIPURA	BARAMURA	TRIPURA	<a href="#">Core Details</a>
E-BRMR-3	BARAMURA-3	BRMD	TRIPURA	BARAMURA	TRIPURA	<a href="#">Core Details</a>
E-BRMR-4	BARAMURA-4	BGDP	TRIPURA	BARAMURA	TRIPURA	<a href="#">Core Details</a>
E-BRMR-5	BARAMURA-5	BRMC	TRIPURA	BARAMURA	TRIPURA	<a href="#">Core Details</a>
E-BRMR-6	BARAMURA-6	BGDB	TRIPURA	BARAMURA	TRIPURA	<a href="#">Core Details</a>
E-BRMR-7	BARAMURA-7	BGDD	TRIPURA	BARAMURA	TRIPURA	<a href="#">Core Details</a>
E-GJLA-1	GOJALIA-1		TRIPURA	GOJALIA	TRIPURA	<a href="#">Core Details</a>
	HAWAIBARI-SHALLOW-WELL-1	HBSH.W-1	TRIPURA	HAWAIBARI	TRIPURA	<a href="#">Core Details</a>
	HAWAIBARI-SHALLOW-WELL-2	HBSH.W-2	TRIPURA	HAWAIBARI	TRIPURA	<a href="#">Core Details</a>
	HAWAIBARI-SHALLOW-WELL-3	HBSH.W-3	TRIPURA	HAWAIBARI	TRIPURA	<a href="#">Core Details</a>
	HAWAIBARI-SHALLOW-WELL-4	HBSH.W-4	TRIPURA	HAWAIBARI	TRIPURA	<a href="#">Core Details</a>
	KALACHARA-2	KCR-2	TRIPURA	KALACHARA	TRIPURA	<a href="#">Core Details</a>
	KALACHARA-3	KCR-3	TRIPURA	KALACHARA	TRIPURA	<a href="#">Core Details</a>
E-KHBL-4	KHUBAL-4	KHBE	TRIPURA	KHUBAL	TRIPURA	<a href="#">Core Details</a>
E-MANU-1	MANU-1	MANU-1	TRIPURA	MANU	TRIPURA	<a href="#">Core Details</a>
	MOHARCHARA-1	MCR-1	TRIPURA	MOHARCHARA	TRIPURA	<a href="#">Core Details</a>
E-RKMN-1	ROKHIA-1		TRIPURA	ROKHIA	TRIPURA	<a href="#">Core Details</a>

Logged in as EP12702

Designed by Database Group A & AA Basin Jorhat.

Well Name = Release Name

UWI	Well No	Well Name	Block	Field Name	State	
UWI	Well No	Well Name	Block	Field Name	State	
E-ADMA-1	ADAMTILA-1	ATA	CACHAR	ADAMTILA	ASSAM	<a href="#">Core Details</a>
E-ADMA-2	ADAMTILA-2	ATD	CACHAR	ADAMTILA	ASSAM	<a href="#">Core Details</a>
E-ADMA-12	ADAMTILA-12		CACHAR	ADAMTILA	ASSAM	<a href="#">Core Details</a>
E-AZAN-1	AIZAWL-1	AZAA	CACHAR	AIZAWL	MIZORAM	<a href="#">Core Details</a>
E-AMGR-1	AMGURI-1	AMG-1	NAS	AMGURI	ASSAM	<a href="#">Core Details</a>

To see the location of the core in the core library

### Core Details

UWI	Well No	Core No	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	ID	Pay Age	Coring Date	Indent
E-AZAN-1	AIZAWL-1	CC-1	2950	2953.4	33.53	1.14	1.14	23.11.2015	LW. BHUBAN	526			<input type="checkbox"/>
E-AZAN-1	AIZAWL-1	CC-2	3077.5	3077.7	27.5	0.05	0.05	30.12.2015	LW. BHUBAN	527			<input type="checkbox"/>
E-AZAN-1	AIZAWL-1	CC-4	3438.5	3439.9	70	0.98	0.86	12.01.2016	RENJI	528			<input type="checkbox"/>

Logged in as EP127023

### Core Details

UWI	Well No	Core No	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	ID	Pay Age	Coring Date	Indent
E-AZAN-1	AIZAWL-1	CC-1	2950	2953.4	33.53	1.14	1.14	23.11.2015	LW. BHUBAN	526			<input checked="" type="checkbox"/>

Core Location Data

Box No	No of Box	Shed	Wing/Row	Rack	Shelf								
	2			55-B									
E-AZAN-1	AIZAWL-1	CC-2	3077.5	3077.7	27.5	0.05	0.05	30.12.2015	LW. BHUBAN	527			<input type="checkbox"/>
E-AZAN-1	AIZAWL-1	CC-4	3438.5	3439.9	70	0.98	0.86	12.01.2016	RENJI	528			<input type="checkbox"/>

The menu lists various regions **Eastern Region, Northern Region, Mumbai Region, Western Region, Southern Region, Institutes, etc.**

**e-CoreLibrary Portal**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

EASTERN REGION  
WESTERN REGION  
MUMBAI REGION MUMBAI

Core Library, ONGC Search

The Core Libraries of **Assets and Basins of ONGC**, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from

Details of the well whose cores are available in the core house is listed in the **Well Details** page

**MUMBAI Wells List**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

UWI	Well No	Well Name	Block	Field Name	State
UWI	Well No	Well Name	Block	Field Name	State
WO-24-4	WO-24-4	WO-24-4	South West Mumbai High	WO24	Maharashtra
<a href="#">Core Details</a>					

**Core Details of WO-24-4**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Core Details

UWI	Well No	Core No	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	ID	PayAge	Coring	Indent Date
WO-24-4	WO-24-4	CC-1	1628	1637	40	3.6	3.6		BOMBAY_FORMATION	3465			
WO-24-4	WO-24-4	CC-2	1637	1655	80.55	14.5	14.5		BOMBAY_FORMATION	3466			
WO-24-4	WO-24-4	CC-3	1655	1670	54.33	8.15	8.15		BOMBAY_FORMATION	3467			
WO-24-4	WO-24-4	CC-4	1670	1688	22.5	4.05	4.05		BOMBAY_FORMATION	3468			
WO-24-4	WO-24-4	CC-5	1691	1709	45.5	8.2	8.2		BOMBAY_FORMATION	3469			
WO-24-4	WO-24-4	CC-6	2266	2277	87.4	4.5	4.5		WEATHERED_BASEMENT	3470			

**Core Details of WO-24-4**

	UWI	Well No	Core No	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	ID	Pay	Age	Coring Date	Indent
(-)	WO-24-4	WO-24-4	CC-1	1628	1637	40	3.6	3.6		BOMBAY_FORMATION	3465				<input checked="" type="checkbox"/>

Core Location Data

Box No	No of Box	Shed	Wing/Row	Rack	Shelf
	4	1	2	296	C

- (+) WO-24-4 WO-24-4 CC-2 1637 1655 80.55 14.5 14.5 BOMBAY\_FORMATION 3466
- (+) WO-24-4 WO-24-4 CC-3 1655 1670 54.33 8.15 8.15 BOMBAY\_FORMATION 3467
- (+) WO-24-4 WO-24-4 CC-4 1670 1688 22.5 4.05 4.05 BOMBAY\_FORMATION 3468
- (+) WO-24-4 WO-24-4 CC-5 1691 1709 45.5 8.2 8.2 BOMBAY\_FORMATION 3469

**Core Requisition Page**

No Study/Analysis has been done for the selected sample yet.

**Proceed**

**Core Requisition Page**

Requisition for sample analysis

Area/Field Name:	<input type="text"/>
Well Name:	<input type="text"/> WO-24-4
Type of Sample:	<input type="text"/> Conventional Core
Core no:	<input type="text"/> CC-1
Core Location:	<input type="text"/> MUMBAI
Formation:	<input type="text"/> BOMBAY_FORMATION
Recovery (%):	<input type="text"/> 40
Request Date:	<input type="text"/> 26/07/2018
Requisitioner:	<input type="text"/> EP127023
Name, Designation:	<input type="text"/> Anna Tamuly, Sr.Prog. Of
Type of analysis(mud/water/base/SOBM):	<input type="text"/> Please Select
Type of study/investigation:	<input type="text"/> Please Select
Sample Interval (m):	<input type="text"/>

**Fill up relevant details**

After clicking the submit button, the user will see list of new requests in the table  
By default, the request status is New Request and the core is Non-Returnable

[https://epinetjrt.ongc.co.in/corehouse/indentor\\_menu.aspx](https://epinetjrt.ongc.co.in/corehouse/indentor_menu.aspx)

The screenshot shows a table titled "My Core Indents" with columns for REQUEST NO, WELL NAME, SAMPLE TYPE, CORE NO, INTERVAL, RECO(N) ANALYSIS, STUDY TYPE, REQUEST BY, NAME, REQUEST LOCATION, RETURNABLE?, and REQUEST STATUS. There are four rows of data:

REQUEST NO	WELL NAME	SAMPLE TYPE	CORE NO	INTERVAL	RECO(N) ANALYSIS	STUDY TYPE	REQUEST BY	NAME	REQUEST LOCATION	RETURNABLE?	REQUEST STATUS
4261	WO-24-4	Conventional Core	CC-1	123-125	40		EP127023	Anna Tamuly, Sr.Prog. Officer	MUMBAI	NO	NEW REQUEST
4231	GELEXI-7	Conventional Core	CC-1		14	Mud	EP127023	Anna Tamuly, Sr.Prog. Officer	SIBSAGAR	NO	REPORT UPLOADED
3472	LAKWA-142	Conventional Core	CC-1	1220-1225	50	Mud	EP127023	Sr. Prog.	15/07/2018 SIBSAGAR	YES	RECEIVED Upload Report
3463	ADAMTILAV-1	Conventional Core	CC-1		2.2	GEOCHEMICAL	EP127023		13/07/2018 SIBSAGAR	NO	FORWARDED

<https://epinetjrt.ongc.co.in/>

## e-CoreLibrary Portal

The screenshot shows a dashboard with a central image of a core storage room and a sidebar with navigation links: My Indents, Forward Indents, Approve Indents, and Logout. A search bar at the top right is labeled "Search By Field/Well Name".

**Core Library, ONGC**

The Core Libraries of **Assets and Basins of ONGC**, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from exploration and development wells in the various basins.

[https://epinetjrt.ongc.co.in/corehouse/indent\\_forward.aspx](https://epinetjrt.ongc.co.in/corehouse/indent_forward.aspx)

## Forward Core Indents

The screenshot shows a table titled "Forward Core Indents" with columns for REQUEST NO, WELL NAME, SAMPLE TYPE, CORE NO, INTERVAL, RECO(N) ANALYSIS, STUDY TYPE, REQUEST BY, NAME, REQUEST LOCATION, RETURNABLE?, and REQUEST STATUS. There is one row of data:

REQUEST NO	WELL NAME	SAMPLE TYPE	CORE NO	INTERVAL	RECO(N) ANALYSIS	STUDY TYPE	REQUEST BY	NAME	REQUEST LOCATION	RETURNABLE?	REQUEST STATUS
4261	WO-24-4	Conventional Core	CC-1	123-125	40		EP127023	Anna Tamuly, Sr.Prog. Officer	MUMBAI	NO	NEW Forward Request

A red arrow points to the "Forward Request" link in the status column with the text "Click for forwarding".

Logged in as EP77377

Designed by Database Group A & AA Basin Jorhat.

**e-CoreLibrary Portal**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

My Indents  
Forward Indents  
Approve Indents  
Logout

Head RGL Menu

Core Library, ONGC

The Core Libraries of **Assets and Basins of ONGC**, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from

By Field/Well Name  Go

**Approve Core Indents**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Pending Indents

REQUEST FIELD	WELL	SAMPLE	CORE	SAMPLE	FORMATION	RECO (%)	ANALYSIS	STUDY	REQUEST BY	NAME	REQUEST LOCATION	TO DATE	RETURN?
NO	NAME	TYPE	NO	INTERVAL		(%)	TYPE	TYPE	BY				
4261	WO-24-4	Conventional	CC-1	123-125	BOMBAY_FORMATION	40			EP127023	Anna Tamuly, Sr. Prog. Officer	MUMBAI	26/07/2018	<input type="checkbox"/> <a href="#">Approve</a>

Approved Indents

No Record Found

Click to Approve

**Approve Core Indents**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Pending Indents

Approved Indents

REQ. FIELD	WELL	SAMPLE	CORE	SAMPLE	FORMATION	RECO (%)	ANALYSIS	STUDY	REQUEST BY	NAME	REQUEST LOC	TO DATE	RETURN? STATUS
NO	NAME	TYPE	NO	INTERVAL		(%)	TYPE	TYPE	BY				
4261	WO-24-4	Conventional	CC-1	123-125	BOMBAY_FORMATION	40			EP127023	Anna Tamuly, Sr. Prog. Officer	MUMBAI	26/07/2018	NO APPROVED

**e-CoreLibrary Portal**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

My Indents  
Issue Core  
Add New Core  
Edit Core Details  
Logout

Core Library, ONGC

The Core Libraries of Assets and Basins of ONGC, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from

use/issue\_indent.aspx

Search

By Field/Well Name  Go

**Issue Core Indents**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Pending Indents

REQ. FIELD	WELL	SAMPLE	CORE	SAMPLE	FORMATION	RECO (%)	ANALYSIS TYPE	STUDY TYPE	REQUEST BY	NAME	REQUEST DATE	LOCATION	TO	RETURN
NO	NAME	TYPE	NO	INTERVAL		(%)	TYPE	TYPE	BY					
4261	WO-24-4	Conventional	CC-1	123-125	BOMBAY_FORMATION	40			EP127023	Anna Tamuly, Sr.Prog. Officer	26/07/2018	MUMBAI	NO	<a href="#">APPROVE Request</a>

Issued Indents

No Record Found

**Click to Approve**

**Issue Core Indents**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Pending Indents

Issued Indents

REQUEST FIELD	WELL	SAMPLE	CORE	SAMPLE	FORMATION	RECO (%)	ANALYSIS TYPE	STUDY TYPE	REQUEST BY	NAME	REQUEST DATE	LOC	RETURNABLE?	REQUEST STATUS
NO	NAME	TYPE	NO	INTERVAL		(%)	TYPE	TYPE	BY					
4261	WO-24-4	Conventional	CC-1	123-125	BOMBAY_FORMATION	40			EP127023	Anna Tamuly, Sr.Prog. Officer	26/07/2018	MUMBAI	NO	ISSUED

The e-CoreLibrary Portal homepage features a top navigation bar with links for SITE SYNOPSIS, CORE LIBRARY, USER MENU, and CONTACT. A teal-colored dropdown menu is open over the CORE LIBRARY link, containing options: My Indents, Issue Core, Add New Core, Edit Core Details, and Logout. The main content area displays a large image of stacked core samples and a search bar labeled 'Search' with a placeholder 'By Field/Well Name' and a 'Go' button.

### My Core Indents

**SITE SYNOPSIS    CORE LIBRARY    USER MENU    CONTACT**

REQUEST NO	WELL NAME	SAMPLE TYPE	CORE NO	SAMPLE INTERVAL	RECO(%)	ANALYSIS TYPE	STUDY TYPE	REQUEST BY	NAME	REQUEST DATE	LOCATION	RETURNABLE?	REQUEST STATUS
4261	WO-24-4	Conventional Core	CC-1	123-125	40			EP127023	Anna Tamuly, Sr. Prog. Officer	26/07/2018	MUMBAI	NO	ISSUED <a href="#">Acknowledge</a>
4251	GELEKI-7	Conventional Core	CC-1		14	Mud	SEDIMENTOLOGY	EP127023	Anna Tamuly, Sr. Prog. Officer	25/07/2018	SIBSAGAR	NO	REPORT <a href="#">UPLOADED</a>
3472	LAKWA-542	Conventional Core	CC-1	1220-1225	50	Mud	BIOSTRATIGRAPHY	EP127023	St. Prog.	16/07/2018	SIBSAGAR	YES	RECEIVED <a href="#">Upload Report</a>
3463	ADAMITILA-1	CC-1			2.2		GEOCHEMICAL	EP127023		13/07/2018	SIBSAGAR	NO	FORWARDED
3461	LAKWA-542	CC-1			50			EP127023		13/07/2018	SIBSAGAR	YES	ISSUED <a href="#">Acknowledge</a>

User acknowledges receipt of sample

### My Core Indents

**SITE SYNOPSIS    CORE LIBRARY    USER MENU    CONTACT**

REQUEST NO	WELL NAME	SAMPLE TYPE	CORE NO	SAMPLE INTERVAL	RECO(%)	ANALYSIS TYPE	STUDY TYPE	REQUEST BY	NAME	REQUEST DATE	LOCATION	RETURNABLE?	REQUEST STATUS
4261	WO-24-4	Conventional Core	CC-1	123-125	40			EP127023	Anna Tamuly, Sr. Prog. Officer	26/07/2018	MUMBAI	NO	RECEIVED <a href="#">Upload Report</a>
4251	GELEKI-7	Conventional Core	CC-1		14	Mud	SEDIMENTOLOGY	EP127023	Anna Tamuly, Sr. Prog. Officer	25/07/2018	SIBSAGAR	NO	REPORT <a href="#">UPLOADED</a>
3472	LAKWA-542	Conventional Core	CC-1	1220-1225	50	Mud	BIOSTRATIGRAPHY	EP127023	St. Prog.	16/07/2018	SIBSAGAR	YES	RECEIVED <a href="#">Upload Report</a>
3463	ADAMITILA-1	CC-1			2.2		GEOCHEMICAL	EP127023		13/07/2018	SIBSAGAR	NO	FORWARDED
3461	LAKWA-542	CC-1			50			EP127023		13/07/2018	SIBSAGAR	YES	ISSUED <a href="#">Acknowledge</a>

User can upload report of study

3461	LAKWA-542		CC-1		50			EP127023		13/07/2018	SIBSAGAR	YES	ISSUED	<a href="#">Acknowledge</a>
3422	AIZAWL-1	Conventional	CC-1	2950-2953-4	33-53	SOBM	GEOLOGY	EP127023	Anna Tamuly	10/07/2018	SIBSAGAR	YES	RECEIVED	<a href="#">Upload Report</a>
3421	ADAMTILA-1		CC-1		2.2			EP127023		10/07/2018	SIBSAGAR	YES	RECEIVED	<a href="#">Upload Report</a>
3408	ADAMTILA-1		CC-1		2.2			EP127023		10/07/2018	SIBSAGAR	YES	RECEIVED	<a href="#">Upload Report</a>
3406	BADARPUR-2	Conventional	CC-2		92			EP127023		10/07/2018	SIBSAGAR	YES	REPORT UPLOADED	
3403	AMGURI-2	Conventional	CC-1		91.8			EP127023		06/07/2018	SIBSAGAR	NO	RECEIVED	<a href="#">Upload Report</a>

**Details of ID:4261**

Well Name:	WO-24-4	Core:	CC-1
Type of Study:	Test1	Report Made by:	EP127023
Report Name:	Test Report	Report Date:	02-Jul-2018 <input type="button" value="Calendar"/>
<input type="button" value="Choose File"/> No file chosen			
<input type="button" value="UPDATE"/>		<input type="button" value="CANCEL"/>	

**ओएनजीसी**  
**ONGC**

## Core Details of WO-24-4

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

[Home](#) [Back](#)

### Core Details

UWI	Well No	Core No	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	ID	PayAge	Coring	Indent Date
WO-24-4	WO-24-4	CC-1	1628	1637	40	3.6	3.6		BOMBAY_FORMATION	3465			<input type="checkbox"/>
WO-24-4	WO-24-4	CC-2	1637	1655	80.55	14.5	14.5		BOMBAY_FORMATION	3466			<input type="checkbox"/>
WO-24-4	WO-24-4	CC-3	1655	1670	54.33	8.15	8.15		BOMBAY_FORMATION	3467			<input type="checkbox"/>
WO-24-4	WO-24-4	CC-4	1670	1688	22.5	4.05	4.05		BOMBAY_FORMATION	3468			<input type="checkbox"/>
WO-24-4	WO-24-4	CC-5	1691	1709	45.5	8.2	8.2		BOMBAY_FORMATION	3469			<input type="checkbox"/>
WO-24-4	WO-24-4	CC-6	2266	2277	87.4	4.5	4.5		WEATHERED_BASEMENT	3470			<input type="checkbox"/>

Another user trying to indent this core

**ओएनजीसी**  
**ONGC**

## Core Requisition Page

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

[Home](#) [Back](#)

UWI	subject
WO-24-4	<a href="#">Test Report</a>

He gets the report of study done already

**e-CoreLibrary Portal**

SITE SYNOPSIS CORE LIBRARY ▾ CONTACT LIBRARIAN

Add New Core  
Edit Core Details  
Show Indent Table

Core Library, ONGC Search

The Core Libraries of **Assets and Basins of ONGC**, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from

By Field/Well Name  Go

**Core Data Updation**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Core Data

ID	UBHI	Well No	Core No	No of Box	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	Rack
526	E-AZAN-1	AIZAWL-1	CC-1	2	2950	2953.4	33.53	1.14	1.14	23.11.2015	LW. BHUBAN	55-B <a href="#">Edit</a>
527	E-AZAN-1	AIZAWL-1	CC-2	1	3077.5	3077.7	27.5	0.05	0.05	30.12.2015	LW. BHUBAN	Almirah <a href="#">Edit</a>
528	E-AZAN-1	AIZAWL-1	CC-4	1	3438.5	3439.9	70	0.98	0.86	12.01.2016	RENJI	Almirah <a href="#">Edit</a>

Core Data

ID	UBHI	Well No	Core No	No of Box	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	Rack
526		AIZAWL-1	CC-1	2	2950	2953.4	33.53	1.14	1.14	23.11.2015	LW. BHUBAN	55-B <a href="#">Edit</a>
527		AIZAWL-1	CC-2	1	3077.5	3077.7	27.5	0.05	0.05	30.12.2015	LW. BHUBAN	Almirah <a href="#">Edit</a>
528		AIZAWL-1	CC-4	1	3438.5	3439.9	70	0.98	0.86	12.01.2016	RENJI	Almirah <a href="#">Edit</a>

CORE DATA MODIFICATION FORM

Core ID: 526

Well No: AIZAWL-1

UBHI:

Core No: CC-1

No of Box: 2

From Depth (m): 2950

To Depth (m): 2953.4 Value must be an Integer

Recovery Percentage (%): 33.53

Recovery Depth (m): 1.14

Available Length (m): 1.10 1.10

Arrival Date:

**e-CoreLibrary Portal**

SITE SYNOPSIS CORE LIBRARY ▾ CONTACT LIBRARIAN

Add New Core  
Edit Core Details  
Show Indent Table

Core Library, ONGC Search

The Core Libraries of **Assets and Basins of ONGC**, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from

By Field/Well Name  Go

**Core Entry**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Field  Create New Well

Well No	UBHI	Well Name	Block	Field Name	State	
BABEJIA-1	E-BBJA-1	BJ-1	SAS	BABEJIA	ASSAM	<a href="#">Core Entry</a>
BABEJIA-2	E-BBJA-2	BJAB	SAS	BABEJIA	ASSAM	<a href="#">Core Entry</a>

**Core Entry**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Field

Well Name   
BJAB  
BJAA

UBHI

Well No

Block Name

State

Submit

**Core Entry**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Field

Well No	UBHI	Well Name	Block	Field Name	State	Core Entry
BABEJIA-1	E-BBJA-1	BJ-1	SAS	BABEJIA	ASSAM	<input type="button" value="Core Entry"/>
BABEJIA-2	E-BBJA-2	BJAB	SAS	BABEJIA	ASSAM	<input type="button" value="Core Entry"/>

Existing Core Data

UBHI	Well No	Core	No of Box	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	Rack
	BABEJIA-1	CC-1	4	1984	1993	100	9	9	08.02.2008	BOKABEL	55-D
	BABEJIA-1	CC-1	6								55-E
	BABEJIA-1	CC-2	5	1993	2001.65	100	8.65	7.8	08.02.2008	KOPIL	55-C
	BABEJIA-1	CC-2	2								55-D
	BABEJIA-1	CC-2	2								55-F

Enter New Core

Well No

UBHI

Core No

No of Core

No of Box

From Depth (m)

To Depth (m)

Recovery Percentage (%)

Recovery Depth (m)

Available Length (m)

**e-CoreLibrary Portal**

SITE SYNOPSIS CORE LIBRARY ▾ CONTACT LIBRARIAN



Core Library, ONGC

The Core Libraries of **Assets and Basins of ONGC**, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from exploratory and development wells drilled in the exploratory basins.

Search

By Field/Well Name

**Core Details of BADARPUR-8**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Core Details

Well No	UBHI	Core No	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Formation	Core House	More
BADARPUR-8	E-BDPR-8	CC-6	344.95	353.95	55.9	5.03	0.09	MID.BHUBAN/RENJI	SIBSAGAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-1	141.05	149.05	93.75	7.5	0	LOWER BHUBAN	SILCHAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-2	208.15	214.65	83.07	5.4	0	LOWER BHUBAN	SILCHAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-3	214.65	223.65	86.66	7.8	0	LOWER BHUBAN	SILCHAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-4	252.6	261	95.23	8.02	0	LOWER BHUBAN	SILCHAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-5	261	270	72.22	6.52	0	LOWER BHUBAN	SILCHAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-7	353.95	362.95	28.2	2.54	0	RENJI	SILCHAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-8	362.95	371.95	10.5	0.95	0	RENJI	SILCHAR	<a href="#">More</a>
BADARPUR-8	E-BDPR-8	CC-9	438	447	75.55	6.8	0	RENJI	SILCHAR	<a href="#">More</a>

**Core Details of BADARPUR-8**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Core Details

UWI	Well No	Core No	From(m)	To(m)	Reco(%)	Reco(m)	Avail length	Arrival Date	Formation	ID Pay Age	Coring Date	Indent
	E-BDPR-8	BADARPUR-8	CC-6	344.95	353.95	55.9	5.03	0.09	MID.BHUBAN/RENJI	501		

**e-CoreLibrary Portal**

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT

Core Library, ONGC

The Core Libraries of **Assets and Basins of ONGC**, serves as a Repository for archiving sub-surface samples in the forms of Conventional Cores & Sidewall Cores and Cuttings recovered from exploratory and development wells drilled in the exploratory basins.

Search

By Field/Well Name  Go

**Search Core By Formation**



## Wells List

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT



Region  ER  CR  MR  NR  SR  WR

Field

Formation

UWI	Well No	Well Name	Block	Field Name	Core No	Formation	Core Description	CORE HOUSE	
E-GLKI-1	GELEKI-1	GLK-1	NAS	GELEKI	CC-10	TS-3B		SIBSAGAR	<a href="#">Core Details</a>
E-GLKI-1	GELEKI-1	GLK-1	NAS	GELEKI	CC-11	TS-3B		SIBSAGAR	<a href="#">Core Details</a>
E-GLKI-1	GELEKI-1	GLK-1	NAS	GELEKI	CC-12	TS-3B		SIBSAGAR	<a href="#">Core Details</a>
E-GLKI-1	GELEKI-1	GLK-1	NAS	GELEKI	CC-14	TS-3B		SIBSAGAR	<a href="#">Core Details</a>
E-GLKI-1	GELEKI-1	GLK-1	NAS	GELEKI	CC-19	TS-3B	SST: MED GRND,FRIABLE,SLIGHTLY COMPACT,REST AS ABOVE, SHOW B/GYF (IN FEW PLACES DULL GYF)	SIBSAGAR	<a href="#">Core Details</a>
E-GLKI-1	GELEKI-1	GLK-1	NAS	GELEKI	CC-19	TS-3B	SST: LT GY, MED TO FINE GRND, SBRD, FAIR TO GOOD STG, FRIABLE, SLIGHTLY COMPACT, NONCALC,ARGILLACESOUS MATRIX, IN KPLACES HIGHLY MICACESOUS, SHOWING GYF.	SIBSAGAR	<a href="#">Core Details</a>
E-GLKI-1	GELEKI-1	GLK-1	NAS	GELEKI	CC-19	TS-3B	SST: DK GY, TO GRNSH GYF, F TO MED, GRND, V HD, COMPACT, HIGHLY CALC HIGHLY MICA, SAND GRAINS, SBRD, FAIR TO POOR STG, HIGH CONCENTRATION OF FERROMAGNESIUM(GREENISH) MINERALS IRREGULARLY DISTRIBUTED, N/F.	SIBSAGAR	<a href="#">Core Details</a>



## Contact Us

SITE SYNOPSIS CORE LIBRARY ▾ USER MENU CONTACT



### CONTACT US

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Logged in as EP127023

# Utilities

EPINET Portal has online and offline utilities. Online utilities can be used on the Portal directly without having to download or install anything (e.g. Shape file viewer, CRS conversion, etc.). Offline utilities can be downloaded and copied to workstations for file-based operations (e.g. Change CRS for multiple SEGY files, Edit SEGY headers, etc.)

The screenshot shows the EPINET Dehradun portal interface. At the top, there is a header bar with the ONGC logo, the text "EPINET Dehradun", a "Home" button, and user account information ("HelpDesk" and "E125649"). Below the header, there are three tabs: "General" (which is selected), "Log", and "Seismic". The main content area is titled "Online utilities" and contains five utility items:

- Mutli Point CRS Conversion Utility**  
Data Transformation Utility for ONGC
- Direction Survey Calculator**  
For MD to TVD Conversion
- ESRI Shape File Parser and Viewer**  
HTML5 based utility for Parsing and Viewing ESRI Shape file (.shp and .dbf files only, rest are ignored)
- ESRI Shape File Generator online**  
Online utility for generating ESRI Shape file (projection is WGS84)
- PDF to WORD Converter**  
Online utility for PDF to WORD Conversion - built by Mandeep Singh, E&D Dte. (Singh\_Mandeep@ongc.co.in)

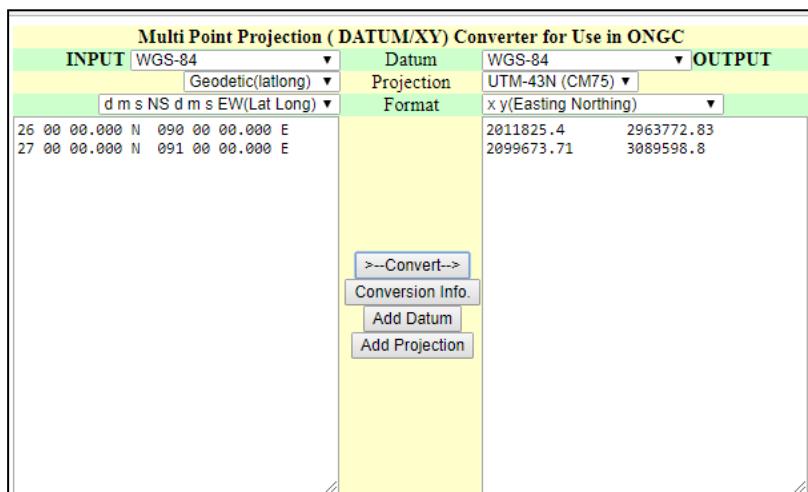
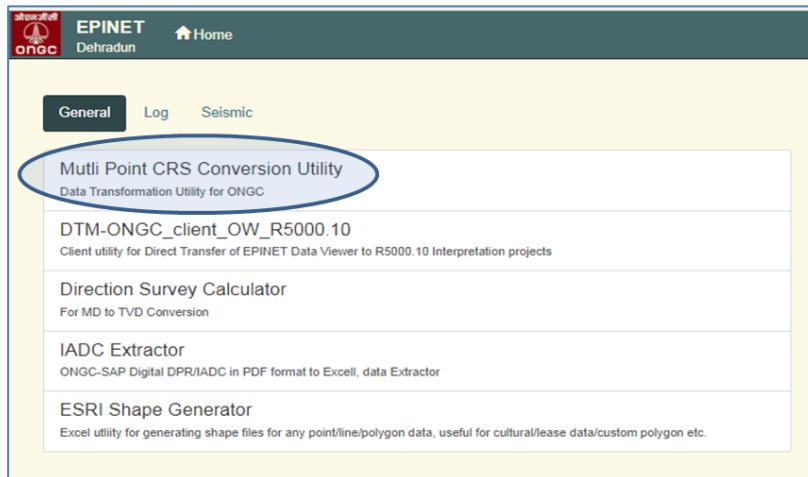
Below this, there is a section titled "Offline utilities" containing four utility items:

- DTM-ONGC\_client\_OW\_R5000.10**  
Client utility for Direct Transfer of EPINET Data Viewer to R5000.10 Interpretation projects
- ESRI Shape Generator**  
Excel utility for generating shape files for any point/line/polygon data, useful for cultural/lease data/custom polygon etc.
- Shape File Viewer**  
Utility for viewing Shape file (.shp and .dbf files only, rest are ignored)
- IADC Extractor**  
ONGC-SAP Digital DPR/IADC in PDF format to Excell, data Extractor

Below is a gist of some utilities:

# General Utilities

## Multi Point CRS Conversion Utility

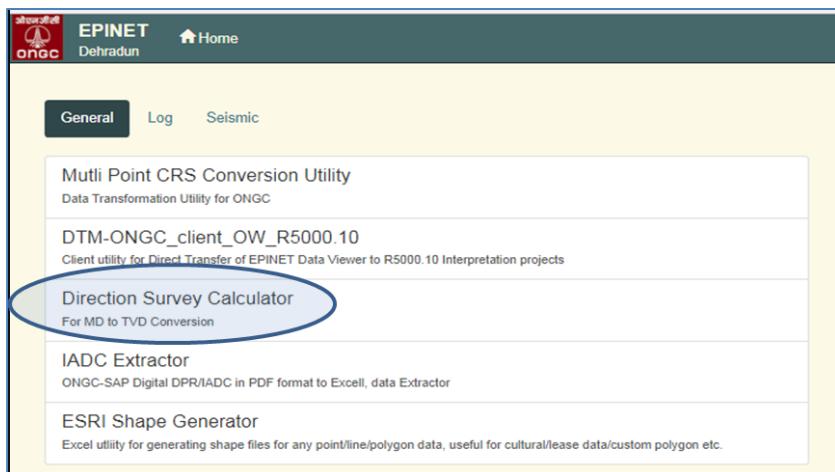


The image shows two dialog boxes for adding custom geodetic parameters.

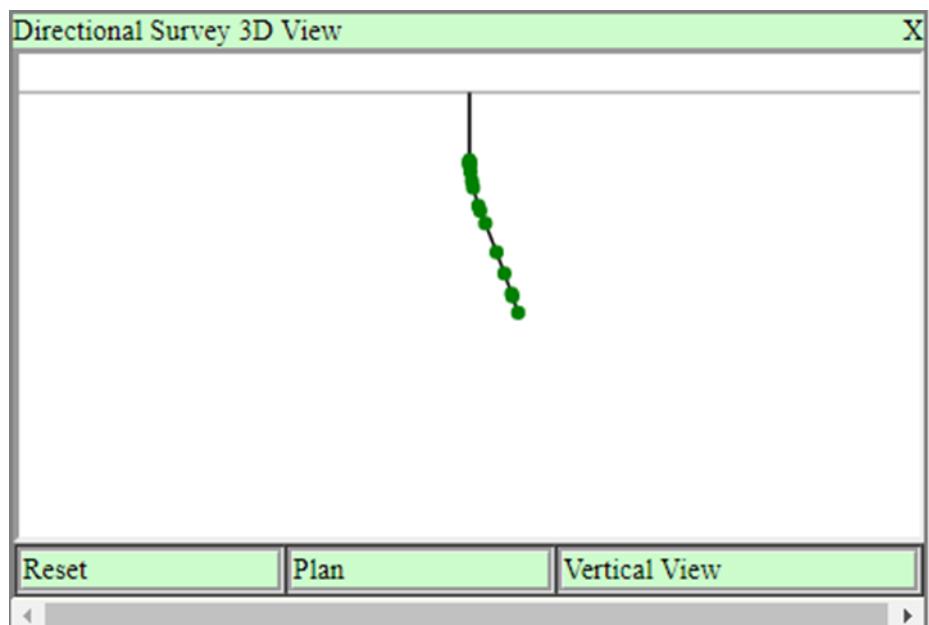
**Add Custom Datum:**  
Derived From: WGS-84  
Datum Name: CustomDatum\_30  
Semimajor Axis: 6378137  
Inverse Flattening: 298.2572  
Datum Transformation Parameters to WGS84  
Transformation method: Nil  
Datum Shift Param dx: [empty]  
Datum Shift Param dy: [empty]  
Datum Shift Param dz: [empty]  
Rotation Param rx(arcsec): [empty]  
Rotation Param ry(arcsec): [empty]  
Rotation Param rz(arcsec): [empty]  
Bursa Wolf Scale (ppm): [empty]  
Rotation Origin X offset: [empty]  
Rotation Origin Y offset: [empty]  
Rotation Origin Z offset: [empty]  
Set Custom Datum

**Add Custom Projection:**  
Derived From: UTM-42N (CM69)  
Projection Name: CustomProjection\_9  
Projection method: Transverse Mercator  
Projection Parameters  
False Easting(mtr): [empty]  
False Northing(mtr): [empty]  
Standard Parallel 1: [empty]  
Standard Parallel 2: [empty]  
Latitude at Origin: [empty]  
Longitude at Origin (CM): [empty]  
Scale Factor: [empty]  
Set Custom Projection

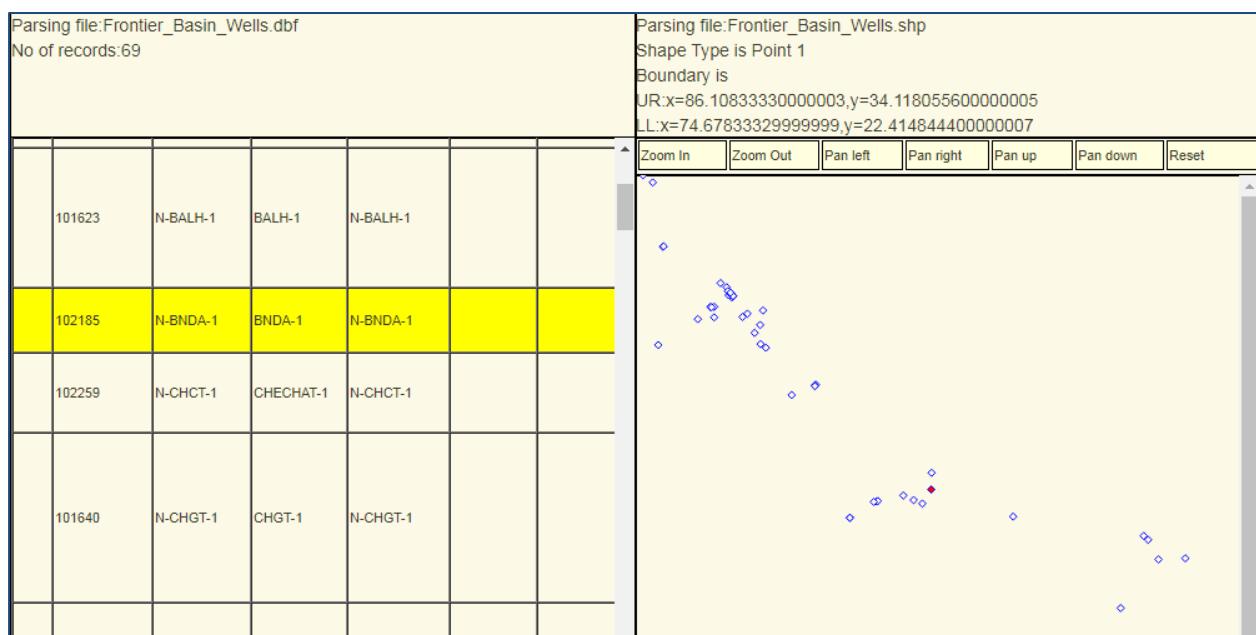
# Direction Survey Calculator



Deviation Data Calculator				
INPUT(MD DEV AZIM)			OUTPUT(TVD EAST NORTH)	
MD	DEVIATION	ANGLE	TVD	EASTING
0503.0000	0000.0000	0165.0000	0503.0000	0000.0000
0512.0000	0001.0000	0165.0000	0511.9995	0000.0203
0522.0000	0002.5000	0145.0000	0521.9946	0000.1680
0531.0000	0003.5000	0138.0000	0530.9822	0000.4644
0541.0000	0005.0000	0135.0000	0540.9544	0000.9768
0583.0000	0008.2500	0136.0000	0582.6684	0004.3652
0648.0000	0010.7500	0138.0000	0646.7721	0011.6622
0696.0000	0012.7500	0140.0000	0693.7641	0018.0630
0828.0000	0019.5000	0149.0000	0820.5169	0038.7999
0865.0000	0022.0000	0149.0000	0855.1142	0045.5509
0960.0000	0022.5000	0149.0000	0943.0403	0064.0776
1176.0000	0020.5000	0161.0000	1144.0985	0097.6976
1335.0000	0020.0000	0161.0000	1293.2704	0115.6144
1485.0000	0019.5000	0163.0000	1434.4480	0131.2857
1504.0000	0019.5000	0163.0000	1452.3582	0133.1400
1625.0000	0019.0000	0165.0000	1566.5939	0144.1427



## ESRI Shape File Parser and Viewer



## ESRI Shape File Generator online

This screenshot shows a web-based utility for generating ESRI shapefiles. It includes a header bar with the EPINET logo and a navigation menu, followed by a main form for defining shape types and data.

**Form Fields:**

- Shape Type: A dropdown menu set to "Point".
- Feature Name: A dropdown menu set to "Point".
- Shape Name: An input field for the name of the shape.
- Shape Data: A large input area for defining the shape geometry.
- Create Shape: A button to generate the shape.
- Action: A button labeled "add row" for adding more features.

## Log Utilities

General    Log    Seismic

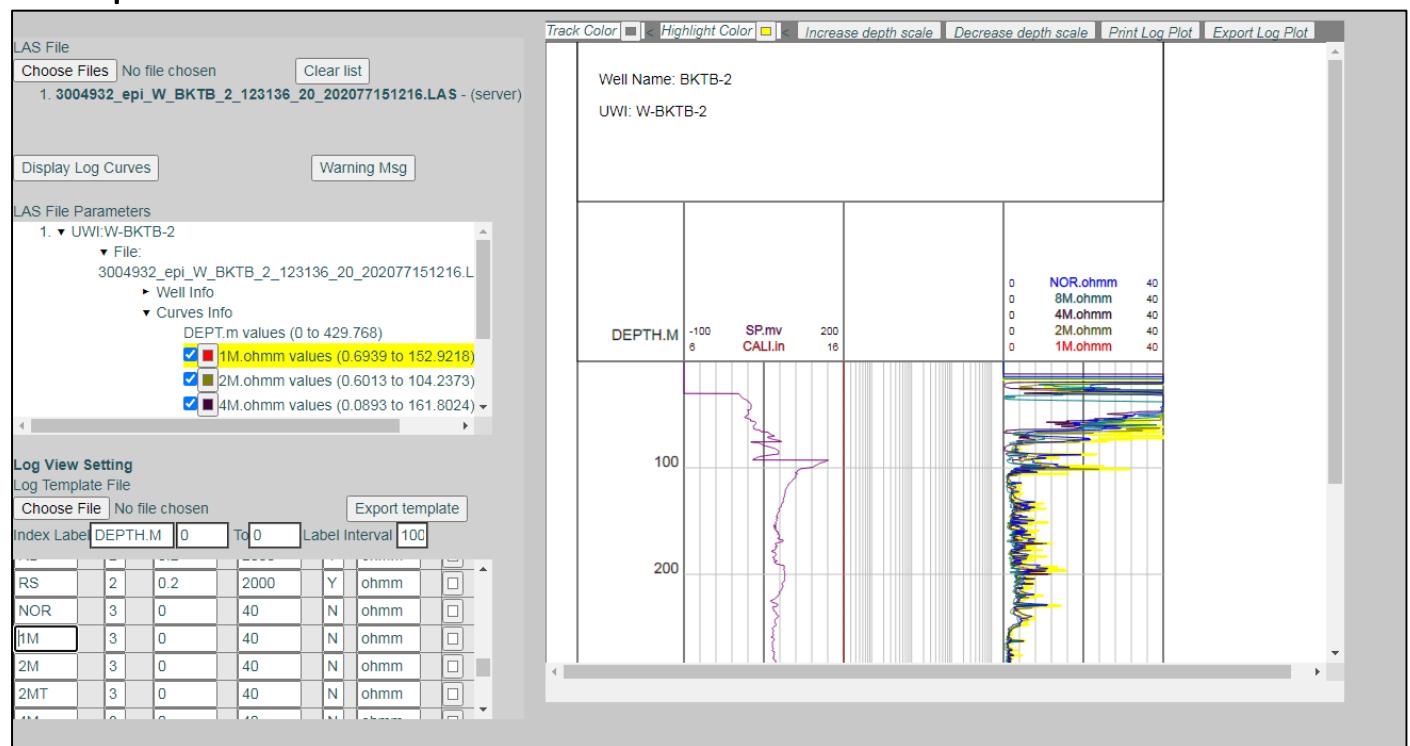
**HTML Las Viewer**  
Utility to View Log Curves of Multiple Wells

**Java Las Viewer**  
Utility to View Log Curves of Las File

**Java Las Viewer (Old)**  
Utility to View Log Curves of Las File

## LAS Viewer

### Example of HTML Las Viewer



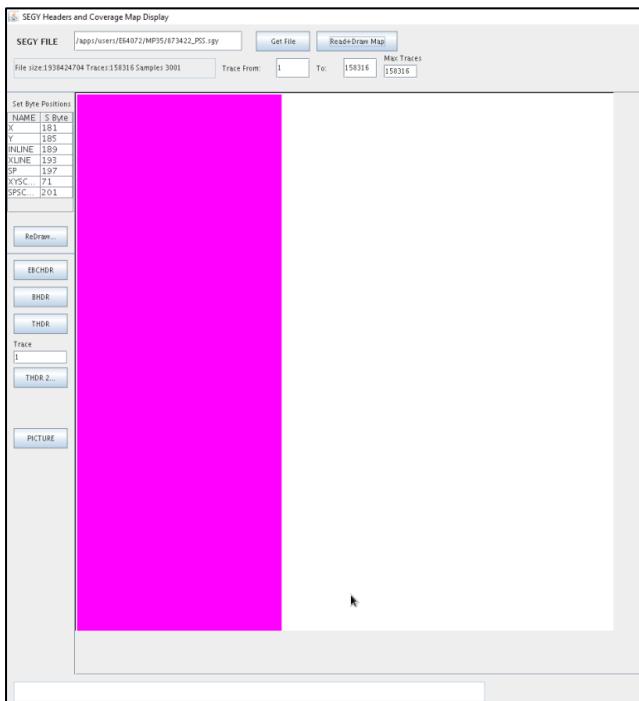
# Seismic Utilities

The screenshot shows a software application window titled "EPINET". At the top, there is a navigation bar with three tabs: "General", "Log", and "Seismic". The "Seismic" tab is highlighted with a dark background and white text. Below the navigation bar, the main content area is titled "EPINET tools for Offline use". This section contains a list of various seismic utilities, each with a title and a brief description.

Utility	Description
<b>Segy Header Validation Tool</b>	Segy header validation tool
<b>Segy Viewer</b>	Segy Viewer for Viewing segy file cross section
<b>SegY CRS converter</b>	Convert segy files from one CRS to another eg: EVEREST to WGS
<b>3D Seismic Data XY Inline Xline Converter</b>	3D Seismic Data XY Inline Xline Converter
<b>Integrated Seismic QC, Edit and Loader</b>	Utility for Quick QC, Header Editing and Final Loading of SegY Data
<b>Seismic QC Tool</b>	Utility for QC of SegY Data as per EPINET Taskforce recommendations
<b>Seismic Editor Tool</b>	Utility for Edit of SegY Header Data
<b>EBCDIC Editor</b>	SegY EBCDIC Text Editory as per Taskforce recommendations

# 1. SEGY Header Validation Tool

## Display Trace



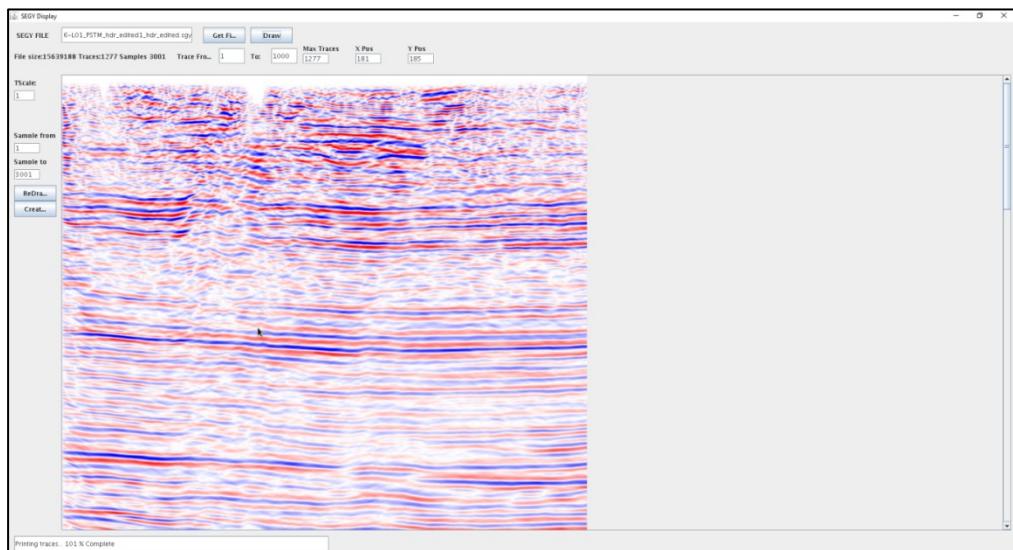
## View EBCDIC Header

A screenshot of the same software window. The redacted trace area is now visible, showing a single horizontal trace line. The text area on the right displays the EBCDIC header content in a multi-column format, listing various parameters like CLIENT, PROJECTION, and READING, followed by their corresponding values.

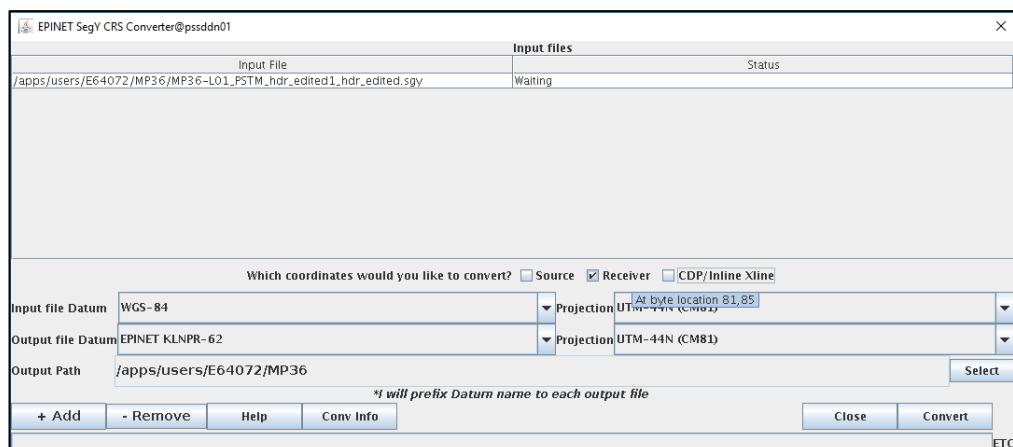
## View Binary Header

A screenshot of the software window. The redacted trace area is now visible, showing a single horizontal trace line. The text area on the right is no longer present. Instead, a table titled 'Set Byte Positions' is displayed, showing pairs of byte ranges and their corresponding values. A red highlight is placed over the last row of the table. The left sidebar remains the same.

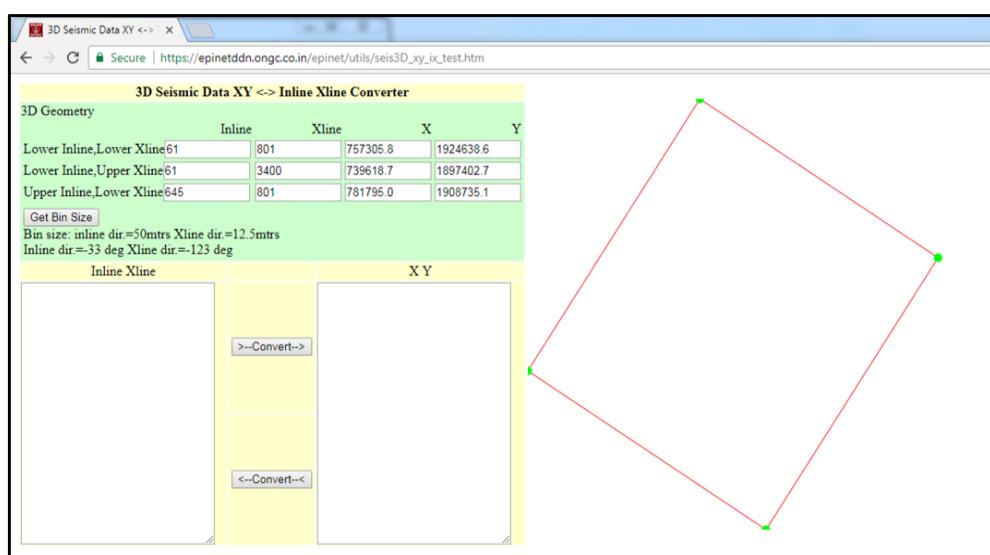
## 2. SEGY Viewer



## 3. SEGY CRS Converter



## 4. Seismic Utility – 3D Seismic Data XY <-> In-line X-line Converter



# HelpDesk

## Home Screen after Login



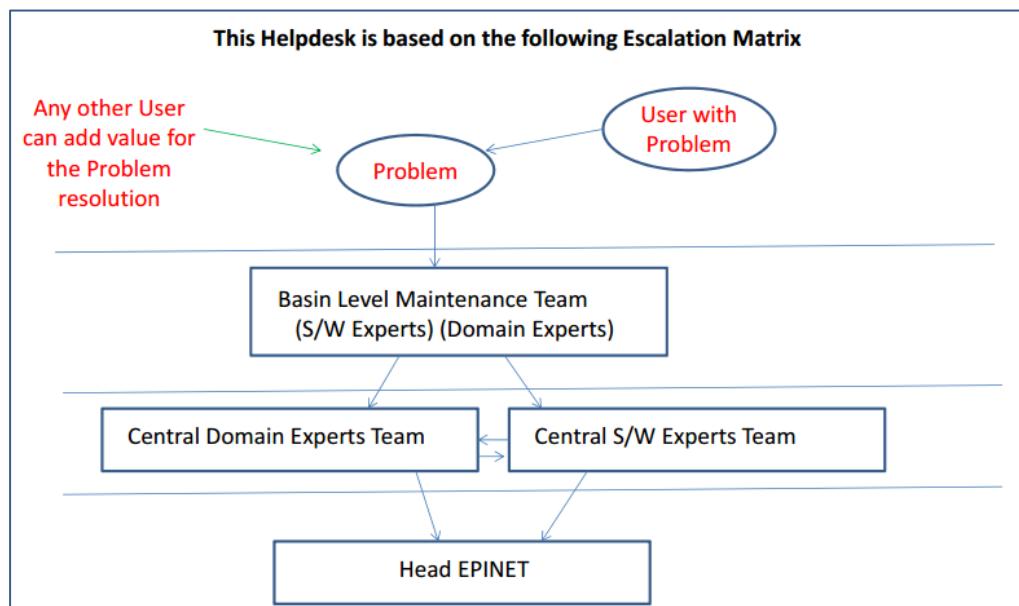
The screenshot shows the EPINET Help Desk home screen. At the top, there's a logo for ONGC and the title "EPINET – Help Desk". Below the title, a menu bar includes links for Home, Search, Other Info, Profile, Logout, FAQ, Help, and Welcome sumit. The date "Tuesday, September 05, 2017" is also displayed. On the left, there are two boxes: one for "Posts" showing "My - Total: 14, close: 14" and "All - SP: 2, close: 168, open: 17", and another for "My Groups" listing "Central - Software Team" and "NR-Basin Maintenance Team". A "Post New Problem" button is located between these boxes. The main area is a table titled "Displaying Page 1/19 >> Go" showing a list of 10 problems. The columns include Sl No, Id, Sector, Subject, Domain, Module, By, To, Status, Reply, and Details. The problems listed are:

Sl No	Id	Sector	Subject	Domain	Module	By	To	Status	Reply	Details
1	1282	MR	Missing Deviation data from GTO	IN-SW	I-GTO	133503	MR-M	Solution-Proposed	1	Brief / Full
2	1278	ER	WCR of E-NMTI-2 size 0 KB	DataQ	DataQ	125649	ER-M	close	1	Brief / Full
3	1277	ER	Creating Data list from map	IN-SW	I-DV	70550	CN-D	open	HEAD	4 Brief / Full
4	1276	ER	3 WCR files of size 0 KB	DataQ	DataQ	125649	ER-M	close	2	Brief / Full
5	1275	SR	DV export limit	IN-SW	I-DV	94342	CN-S	open	HEAD	8 Brief / Full
6	1274	MR	GIS Map should include Survey Boundary/processing boundary	IN-SW	I-SGUIL	75567	MR-M	open	HEAD	3 Brief / Full
7	1273	MR	Segy CRS conversion Utility- Problem	IN-SW	I-S2D	64083	CN-S	close	HEAD	10 Brief / Full
8	1272	MR	Well B-52-1 log issue	DataQ	DataQ	64083	MR-M	close	2	Brief / Full
9	1271	SR	Skeewed 3D shape and other observations when Inline or Xline increment is not 1	IN-SW	I-S3D	94342	CN-S	Solution-Proposed	HEAD	3 Brief / Full
10	1270	SR	Production chart display problem	IN-SW	I-IP	64083	CN-S	close	5	Brief / Full

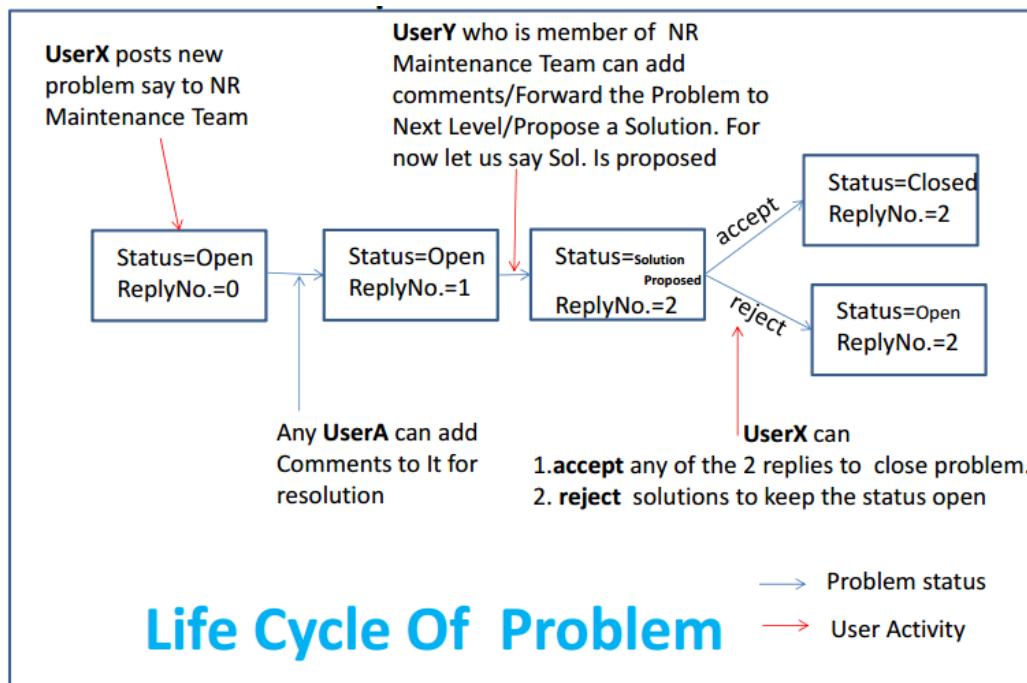
## Help Desk - Features

- IPMSG Based Alerts
- Direct Login and Integrated Login
- Search Feature for old problems

## Helpdesk Escalation Matrix



## Workflow



## Full Message – Detailed view

Details of Problem Posted			
Post Id	1274 8/24/2017 4:50:44 PM	Status	Overall : open Current: Head EPINET
Domain	Software	Maintenance Group	To:MR-Basin Maintenance Team
S/W Module	Inhouse-Seismic-Loader-GUI	Posted by	Ali Mansoor, CG(S) ph:9969224415,EPINET
Subject	GIS Map should include Survey Boundary/processing boundary		
Detail	<p>Recently one file of wob was edited with different bin size . first one with bin size 12.5x50.0 second one with bin size 12.5x25.0 in both the case processing corner points remains exactly same.</p> <p>After loading into EPINET, GIS shape generated shows locational shift from one another where as survey corner was same in both the files.</p> <p>Therefore, unless shape is generated with survey boundary , it is not possible to ascertain whether GIS formed by all traces/live traces falls within the survey.</p> <p>moreover, confusion arise when file with same survey boundary are having different locational position of GIS shapes when loaded with different bin size.</p> <p>may please address the issue.</p>		
Admin Remark			
<input type="button" value="Add Suggestion"/>		Closing Remarks	<input type="button" value="Accept selected reply as solution and close"/>

Details of Problem Resolution					
Reply Id	833 28-AUG-17	Replied by	S N Tiwari,DGM (GP-s) EPINET	Action	Comment
Detail	<p>Three bounderies in 3D are loaded through 3D loader.</p> <p>Survey boundary: All trace boundary Live trace boundary <del>All traces are stored in data base</del></p>				

## Post New Issue

 **EPINET – Help Desk**

Home | Search | Other Info | Profile | Logout | FAQ | Help | Welcome sumit      Tuesday, September 05, 2017

Posts:	My - Total: 14 , close: 14 All - SP: 2 , close: 158, open: 12		<a href="#">Cancel New Post</a>	My Groups:	Central - Software Team SP: 1 close: 132 open: 12 NR-Basin Maintenance Team close: 17					
<b>Post New Problem</b>										
Problem Domain	Select Domain ▾	S/W Module	Select Module ▾	Escalated To	MR-Basin Maintenance Team ▾					
Subject			<a href="#">🔗</a>							
Details(3000)			<a href="#">Submit</a>							
Note: You will be informed of any updates to this post on IPMessenger (as depicted in IP address of your profile).										
Displaying Page 1/19 >> <a href="#">Go</a>										
Sl No	Id	Sector	Subject	Domain	Module	By	To	Status	Reply	Details
1	1282	MR	Missing Deviation data from GTO	IN-SW	I-GTO	133503	MR-M	Solution-Proposed	1	<a href="#">Brief / Full</a>
2	1278	ER	WCR of E-NMTI-2 size 0 KB	DataQ	DataQ	125649	ER-M	close	1	<a href="#">Brief / Full</a>
3	1277	ER	Creating Data list from map	IN-SW	I-DV	70550	CN-D	open	HEAD	<a href="#">4 Brief / Full</a>
4	1276	ER	3 WCR files of size 0 KB	DataQ	DataQ	125649	ER-M	close	2	<a href="#">Brief / Full</a>

## Add Comment

 **EPINET – Help Desk**

Home | Search | Other Info | Profile | Logout | FAQ | Help | Welcome sumit      Tuesday, September 05, 2017

<b>Details of Problem Posted</b>			
Post Id	1274 8/24/2017 4:50:44 PM	Status	Overall : open Current: Head EPINET
Domain	Software	Maintenance Group	To:MR-Basin Maintenance Team
S/W Module	Inhouse-Seismic-Loader-GUE	Posted by	All Mansoor, CG(S) ph:9969224415,EPINET
Subject	<a href="#">🔗</a> GIS Map should include Survey Boundary/processing boundary		
Detail	<p>Recently one file of sub was edited with different bin size . first one with bin size 11.5x50.0 second one with bin size 12.5x25.0</p> <p>In both the cases surveying corner points remains exactly same.</p> <p>After loading into EPINET, GIS shape generated shows locational shift from one another where as survey corner was same in both the files.</p> <p>Therefore, same shape is generated with survey boundary , it is not possible to ascertain whether GIS formed by all traces/line traces falls within the survey.</p> <p>Moreover, confusion arise when file with same survey boundary are having different locational position of GIS shapes when loaded with different bin size.</p> <p>may please address the issue.</p>		
Admin Remark			
<a href="#">Cancel Comment</a> <a href="#">Closing Remarks</a> <a href="#">Accept selected reply as solution and close</a>			
<b>Post Replies For Resolution of Problem</b>			
Action Type	Add Comments ▾		<a href="#">🔗</a>
Comments(3000)			
Note: You will be informed of any updates to this post on IPMessenger (as depicted in IP address of your profile).			
<a href="#">Submit</a>			
<b>Details of Problem Resolution</b>			
Reply Id	833 28-AUG-17	Replied by	S N Tiwari,DGM (GP-S) EPINET
Detail	<p>Dear Mansoor, In 10 are loaded through SD loader.</p> <p>Survey boundary:</p> <p>All trace boundary</p> <p>Line trace boundary</p> <p>all three are stored in data base.</p>		
Action	Comment		

## Full Message Detail –With Options for User to Accept or Reject Solution Provided

The screenshot shows the EPINET - Help Desk interface. At the top, there's a logo for ONGC and the title "EPINET - Help Desk". Below the title, a banner says "Click Here to add Comments" with a "Add Comments" button. To the right of the banner is a button labeled "Accept Selected Reply Id As Solution and Close". A note says "Close Problem Button will change the status of problem to closed". A green header bar displays "Details of Problem Posted". Below it is a table with fields like Post Id, Domain, S/W Module, Subject, Detail, and Remark. To the right of this table is a note "Status of problem". The next section, "Details of Problem Resolution", contains three entries. Each entry has fields for Reply Id, Replied By, Detail, Post Type, Comment, and a dropdown menu for "Accept as Solution". The third entry's dropdown is highlighted with a blue arrow. A note to the right says "Only Owner of Problem will get this option". Below these sections, two notes say "Can Select multiple Replies which are resolving the problem." and "Will activate the Close Problem Button".

## Filter / Search Past Posts based on Key Elements:

The screenshot shows the EPINET - Help Desk interface with a search results page. At the top, there's a logo for ONGC and the title "EPINET - Help Desk". Below the title, a banner says "click here". There are buttons for "Post New Problem" and "My Groups". A note says "Central - Software Team SP: 10 close: 605 open: 96 NR-Basin Maintenance Team SP: 1 close: 80 open: 9". Below these are search filters: "Posts:" (My-Total: 27, close: 27, All - SP: 12, close: 885, open: 109), "Sector:" (WR, SR, NR, ER), and "Status:" (close, open). A table lists 10 past posts with columns for SNo, Id, Sector, Subject, P-Date, Domain, Module, By, To, Status, Reply, and Details. The "Sector" column is circled in red. Below the table, a note says "Displaying Page 1/4 >> Go Apply". At the bottom, there's a note "Hit Count::10508" and a footer "Designed and developed at corporate EPINET center Dehradun. For help please contact: 0135-279-5575".

## Search Past Posts based on some Text

The screenshot shows the EPINET Help Desk search interface. At the top, there is a logo for ONGC and the text "EPINET – Help Desk". Below the logo is a navigation bar with links: Home, Search, Other Info., Profile, Logout, FAQ, Help, and Welcome sumit. To the right of the navigation bar is the date "Thursday, July 9, 2020". The main area has a form titled "Search Posts by :" with fields for S/W Modules (ALL), Sector (ALL), Mentanence Group (ALL), User(cpf) (empty), Overall Status (ALL), Search In (Problems Only), Key Words (%UBHI%), and a "Submit" button. To the right of the form is a "Search" button with a magnifying glass icon. Below the form is a table titled "Search Results" with three rows of data.

Id	Text	Status	Details
2167	Existence of CURRENT STATUS field in Well Summary Form We're updating the current status of UBHI in Borehole Summary form. But a confusion arises as why the field CURRENT STATUS is present in the Well Summary form. For example, SFRI-6 ia a well(UWI) which has two borehole (UBHI)SFRI-6 and SFRI-6-Z. While SFRI-6 is Abandoned, SFRI-6-Z is Oil Flowing. So, how can we determine what status to put for UWI SFRI-6 in the Well Summary Form ? PLEASE GUIDE.	close	<a href="#">Full</a>
2116	Multi Entity association in Bulk Document LoaderIt will be possible to associate multiple UBHI with a single document through Bulk Document Loader. In docmap.json, corresponding to every document type there is an attribute named 'Multi Entity'. By setting this attribute to TRUE, user can associate multiple ubhi with single document.	close	<a href="#">Full</a>
2104	Associate single document with multiple UBHIIS IT POSSIBLE TO ASSOCIATE SINGLE DOCUMENT(LET SAY SEDIMENTOLOGY REPORT) TO MULTIPLE UBHI(s) ? IF YES, PLS SUGGEST THE PROCEDURE. UBHI creation for well of Southern RegionPl. create UBHI for the well, PUDL, (KKL), Spud_Date=10-01-2020 KPEH, (KKL), Spud Date=23-11-2019 NLAK, (KKL), Spud Date=02-11-2019 KPEI, (KKL).	close	<a href="#">Full</a>

## IPMSG Based Alert

IP address needs to be specified in Profile Section by User

The screenshot shows the EPINET Help Desk profile page. At the top, there is a logo for ONGC and the text "EPINET – Help Desk". Below the logo is a navigation bar with links: Home, Search, Other Info., Profile, Logout, FAQ, Help, and Welcome sumit. To the right of the navigation bar is the date "Tuesday, July 7, 2020". The main area has a form titled "Your Profile is::" with fields for Cpf No. (64083), Name (sumit), Designation (Mgr. prog), Sector (Northern Sector), Place of posting (ddn), Mobile-No: (9410390798), Preferred-IP (10.203.10.183), New Password (empty), and Retype New Password (empty). A "Submit" button is at the bottom. Two fields, "Preferred-IP" and "Mobile-No:", are circled in red. At the bottom of the page, there is a "Hit Count:10487" and a footer note: "Designed and developed at corporate EPINET center Dehradun. For help please contact: 0135-279-5575".

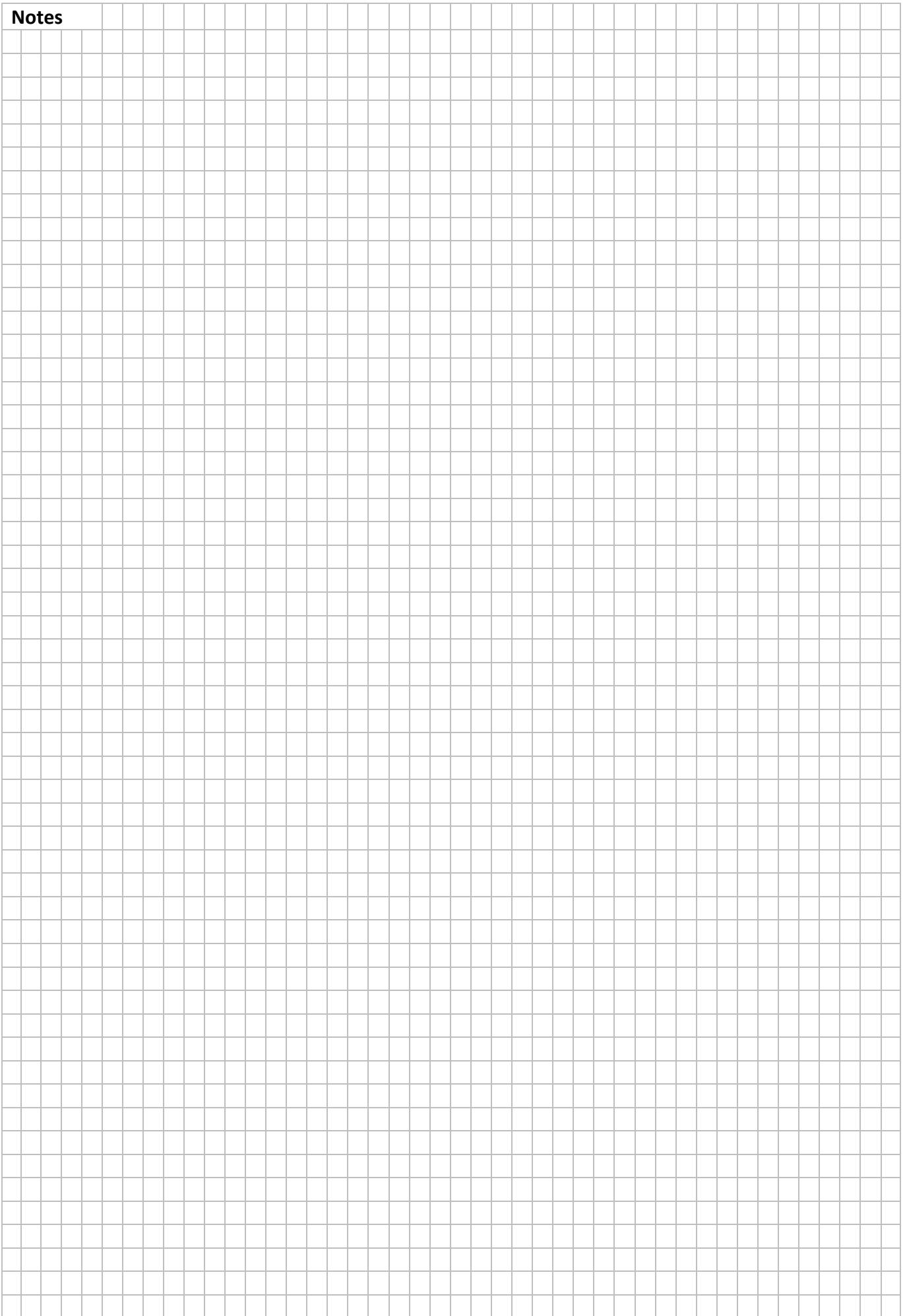
## Channels of Communication and Team Members:

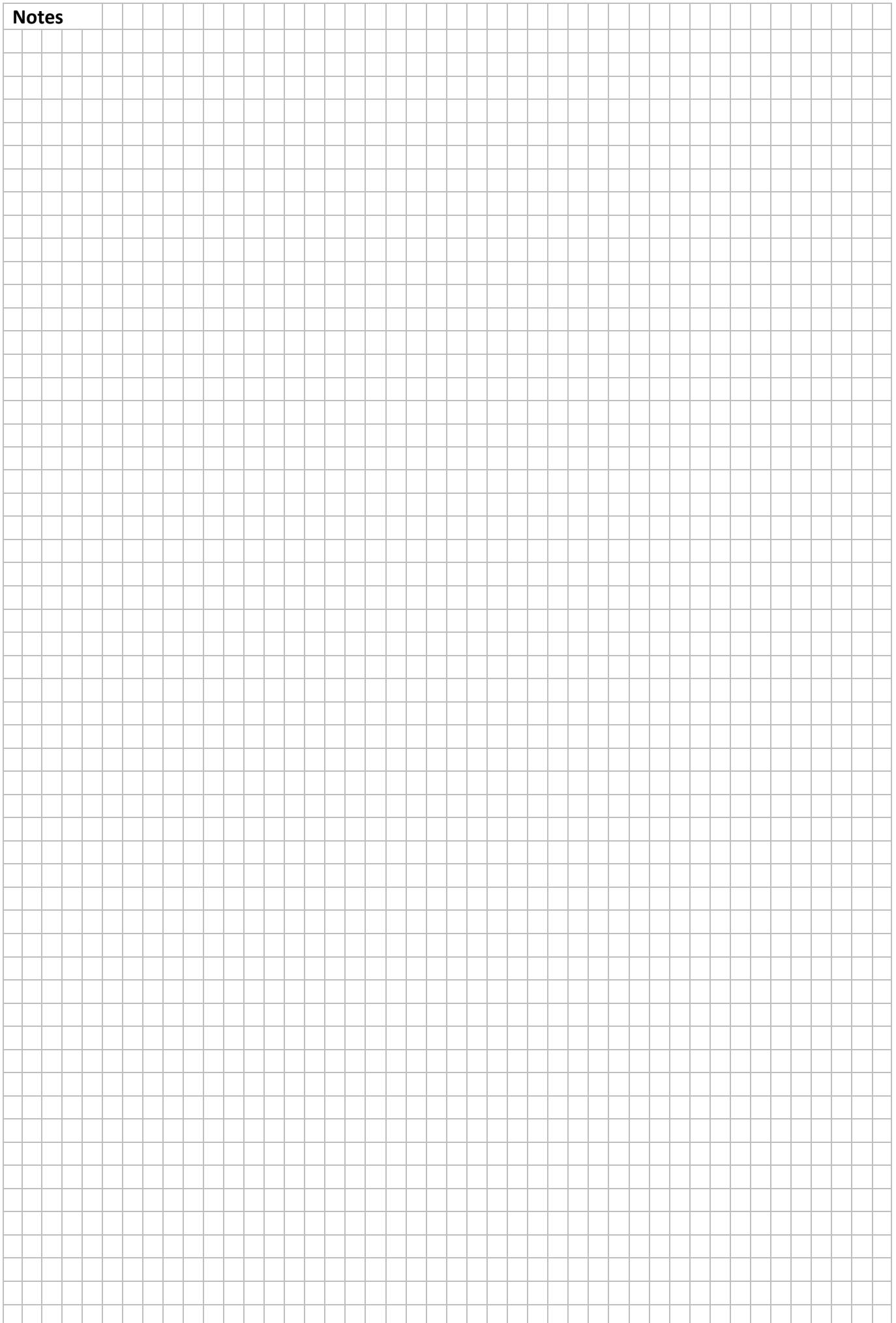
The screenshot shows the EPINET - Help Desk interface. At the top, there is a logo for ONGC (Oil and Natural Gas Corporation of India) and a navigation bar with links: Home, Search, Other Info., Profile, Logout, FAQ, Help, and Welcome sumit. To the right of the navigation bar is the date: Tuesday, July 7, 2020.

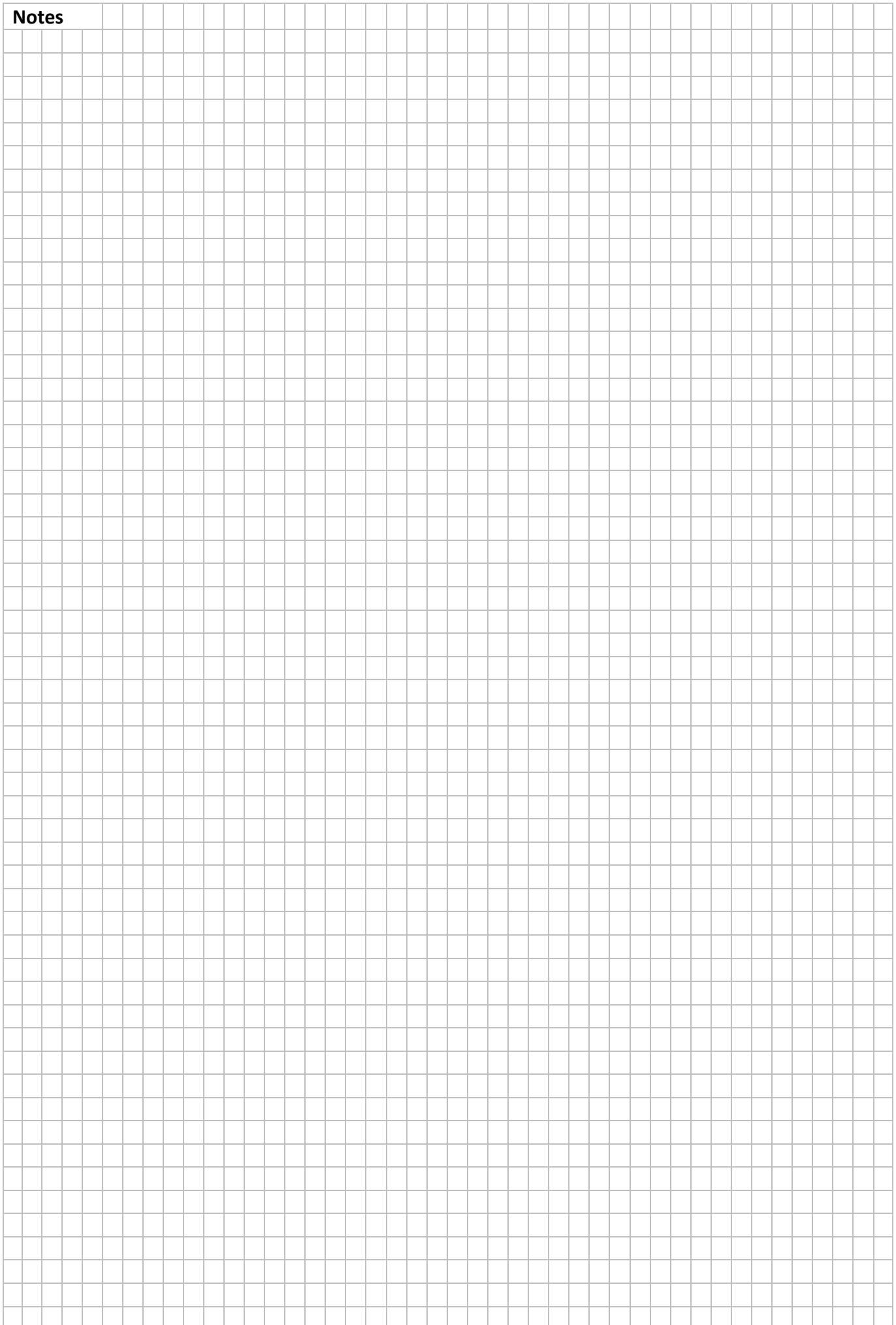
Below the navigation bar, there are two buttons: View Maintenance Teams and View Channels Of Communications. There are also links for Manage My Team and View Compliance Report of "Compliance Issues Posted".

A table titled "MentainenceTeams" displays the following data:

SI No	Team Name	Members of Team
1	National Head Database	62826,AV Satyanarayana,CGM(Prog),9410390717,Software,NHDB
2	Head EPINET	62101,Soumitra Banerjee,CGM(W),7042193744,Petrophysics,Head EPINET
3	Central - Software Team	62826,AV Satyanarayana,CGM(Prog),9410390717,Software,NHDB 53228,Vinay Kumar,GM(Prog),9428007972,Software,SDM 77902,G.C. Uniyal,GM(Prog.),9410391297,Software, 64063,Anil Kakkar,DGM(Prog.),9410390760,Software, 70550,Sanjay Chakravorty,Ch. Mgr(Prog),9969224528,Software, 94342,AJITH C.,Manager(Prog.),9445005119,Software, 64072,Shamim Ahmed,Ch Mgr.(Prog),9410390759,Software, 94356,P K Mondal,DGM(Prog),9428007706,Software, 91885,Sanjay Gupta,Mgr(Prog),9410396082,Software, 64083,sumit nauriyal,Sr Prog Off,9410390798,Software, 124919,Rohit Nambiar,AEE (Elex),9969224932,Software.

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