

21st CENTURY



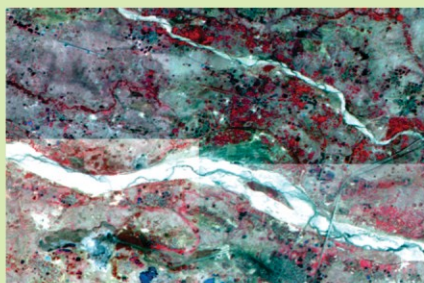
PREMIUM

REMOTE SENSING
& **GIS** SOFTWARE

THE PREMIUM SOFTWARE FOR REMOTE SENSING,

REMOTE SENSING & IMAGE ANALYSIS

21stCenturyGIS simplifies image processing and interpretation, while maintaining integrity of geo-spatial data.



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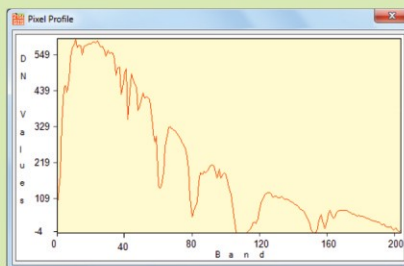


PROCESSING

Pixel Profile, Band Combination, Spectral Profile, Spectral Plot, Inquire Cursor, Opacity, Swipe, Pixel Chart & Histogram Manipulation.

PREPARATION

Projection, Pan Merge, Mosaic, Subset, Resize & False Colour Composite.



PAN MERGE

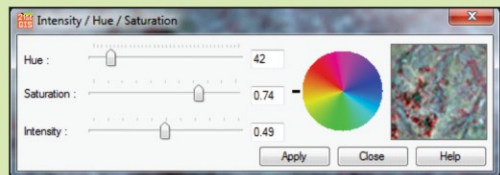
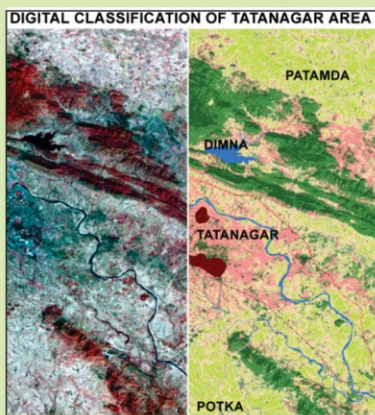


GIS, TERRAIN ANALYSIS & SUB-SURFACE MAPPING

REMOTE SENSING & IMAGE ANALYSIS

■ ENHANCEMENT

Spatial Filter, Contrast, Brightness, Colour Transformation, Intensity-Hue-Saturation.



■ CLASSIFICATION

Unsupervised & Supervised, Signature Editor, Attribute Manager, Accuracy Assessment and Class Refinement with the help of ancillary data.

■ INTERPRETATION

- Ratio Vegetation Index
- Normalized Differential Vegetation Index
- Soil-Adjusted Vegetation Index
- Transformed Vegetation Index
- Iron Oxide, Clay Minerals, Mineral Composite, Hydrothermal Composite
- Change Detection.

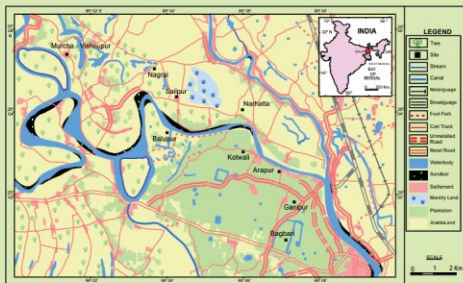
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<input checked="" type="checkbox"/>		SETTLEMENT	1223711
<input checked="" type="checkbox"/>		INDUSTRY	2309858
<input checked="" type="checkbox"/>		WATERBODY	921117
<input checked="" type="checkbox"/>		AGRICULTURAL LAND	116116
<input checked="" type="checkbox"/>		FOREST	118827
<input checked="" type="checkbox"/>		BARE SOIL	45955

Users will feel right at home with its single window operation

THE PREMIUM SOFTWARE FOR REMOTE SENSING,

GIS MAPPING & ANALYSIS

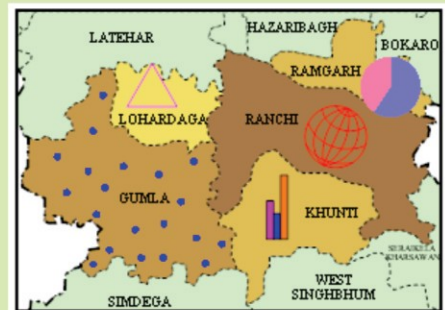
21st Century GIS creates map and analyze data in an easy way, understanding geographical relationships and developing decision support.



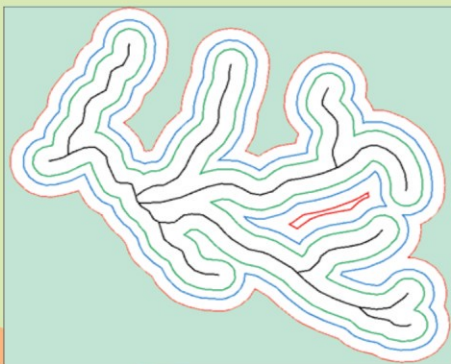
- Faster digitization tool for high productivity
- Geo-referencing of Raster & Vector
- Vector editing, Clip and Boolean operations

- Input or Import attribute data & Photograph in table for Query & Statistics

- Thematic Map: Choropleth, Chorochromatic, Unique Value, Dot Density, Sphere, Circle, Square, Triangle Diagram



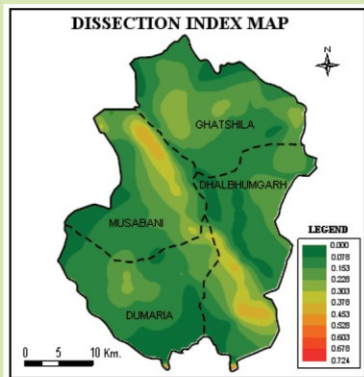
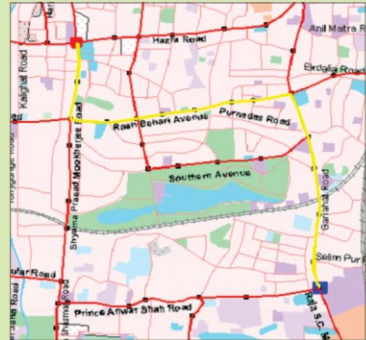
- Preparation of Composite & Stacked Bar, Pie Chart and embedding on map
- Graphical & Statistical Analysis
- Rezoning & Zone Statistics
- Vector Analysis: Buffer, Overlay



GIS, TERRAIN ANALYSIS & SUB-SURFACE MAPPING

GIS MAPPING & ANALYSIS

- Network Analysis: Shortest Path, Closest Facility, Dynamic Segmentation
- Feature Density Analysis
- Morphometric Analysis: Relative Relief, Dissection Index, Ruggedness Index



- Geo-coding of Tables
- Plotting of GPS Waypoints & Track lines
- Overlaying maps on Google Earth for comparison and updating.

- Single & Multiple map Layout with Scale bar, Legend, North Arrow, Graticule
- Export map in BMP, JPG, PNG, TIF & WMF format controlling size and resolution
- Print Preview & direct Print

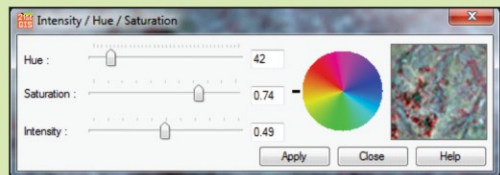
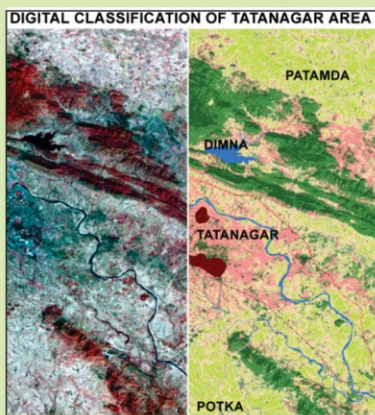


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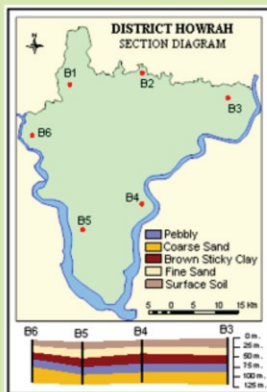
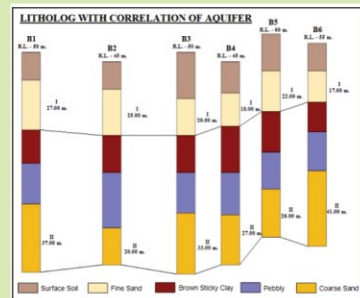
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GIS, TERRAIN ANALYSIS & SUB-SURFACE MAPPING

SUB-SURFACE MAPPING

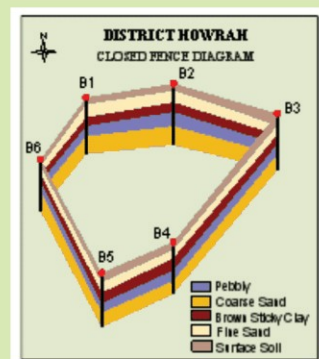
21st Century GIS software allows you to visualize, interpret and represent your sub-surface bore hole data.

- Litholog Plotting based on RL and Coarseness value
- Different types of Correlation Diagrams
- Vertical & Horizontal Scale



- Geological section Diagram with Scale
- Creation of Pattern and colour for Litho Units

- Geological Fence & Panel Diagram
- Fence & Section Label
- Geological Symbols



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PREMIUM

TECHNICAL SUPPORT

Expert supports are provided to assist customers in successfully achieving their GIS goals.

GIS ACADEMY

Offers wide variety of instructor-led courses to keep GIS knowledge and skills up-to-date.

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21ST CENTURY GIS ACADEMY

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