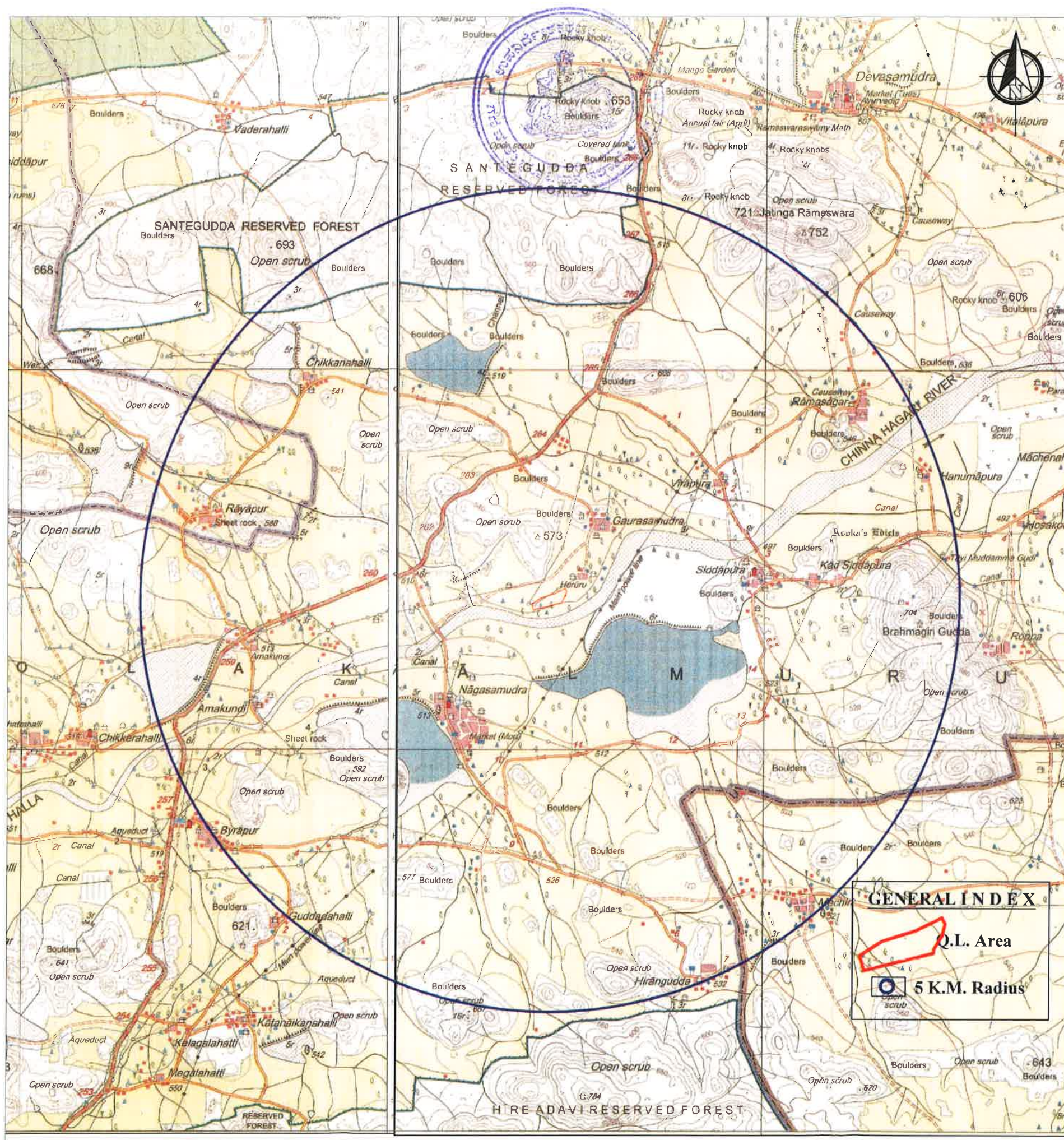
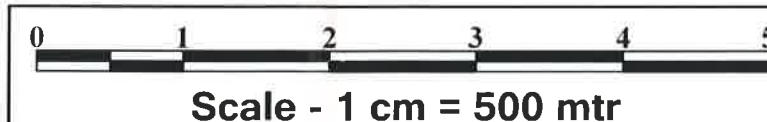




CONVENTIONAL SYMBOLS

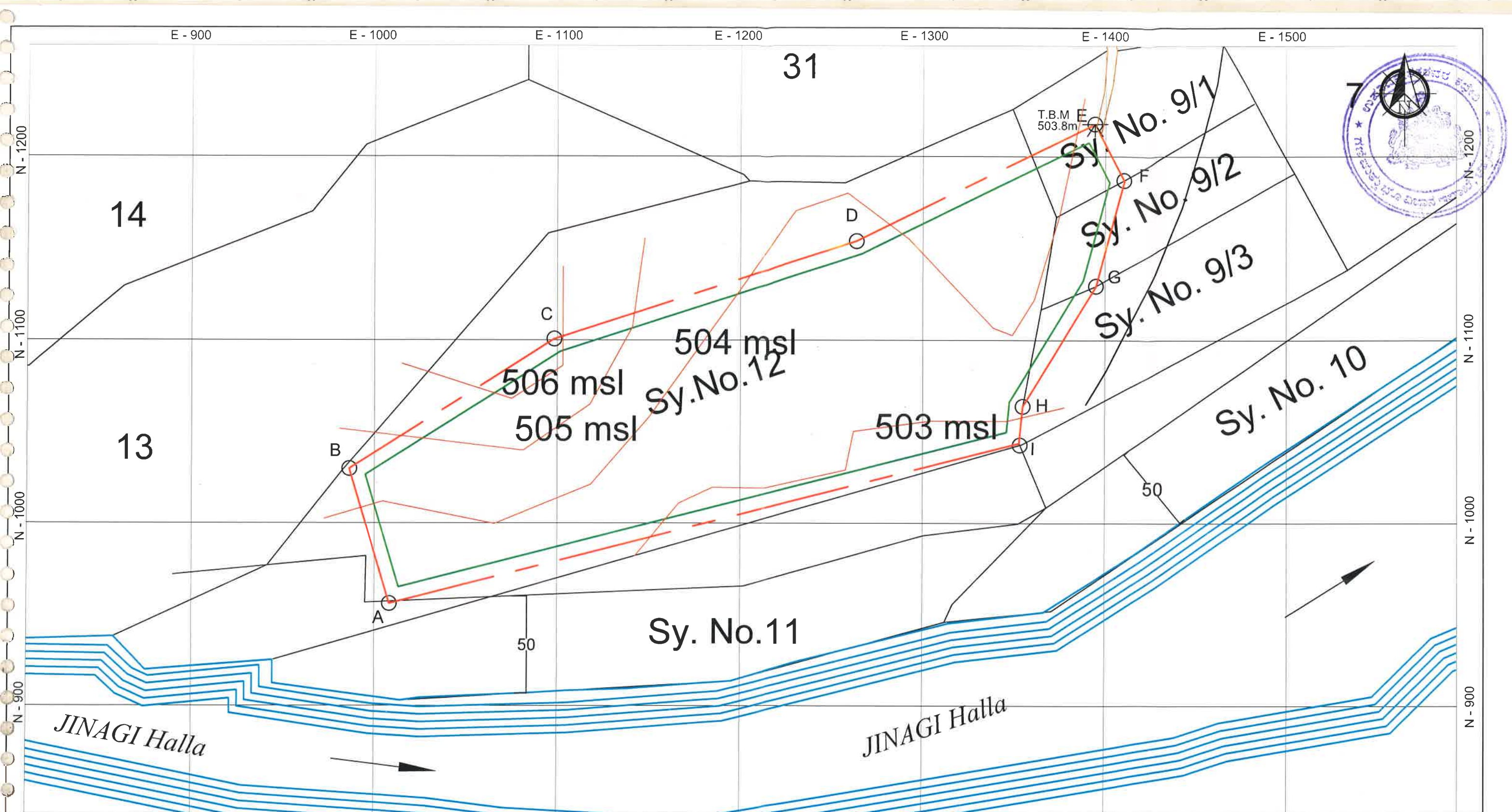
Express highway; with toll; with bridge; with distance stone	
Roads, metalled; according to importance	
Roads, double carriageway; according to importance	
Unmetalled road. Cart-track. Pack-track with pass. Foot-path	
Streams; with track in bed; undefined. Canal	
Dams; masonry or rock-filled; earthenwork. Weir	
River; dry with water channel; with island & rocks. Tidal river	
Submerged rocks. Shoal. Swamp. Reeds	
Wells; lined; unlined. Tube-well. Spring. Tanks; perennial; dry	
Embankments; road or rail; tank. Broken ground	
Railways, broad gauge; double; single with station; under constr.	
Railways, other gauges; double; single with distance stone; do.	
Mineral line or tramway. Kiln. Cutting with tunnel	
Contours with sub-features. Rocky slopes. Cliffs	
Sand features: (1) flat. (2) sand-hills (permanent). (3) dunes (shifting)	
Towns or Villages; inhabited; deserted. Fort	
Huts; permanent; temporary. Tower. Antiquities	
Temple. Chhatra. Church. Mosque. Idgah. Tomb. Graves	
Lighthouse. Lightship. Buoys; lighted; unlighted. Anchorage	
Mine. Vine on trellis. Grass. Scrub	
Palms; palmyra; other. Plantain. Conifer. Bamboo. Other trees	
Areas; cultivated; wooded. Surveyed tree	
Boundary, international	
state; demarcated; undemarcated	
district; subdivision; tahsil or taluk; forest	
Boundary pillars; surveyed; unlocated	
Heights; triangulated; station; point; approximate	
Bench-mark; geodetic; tertiary; canal	
Post office. Telegraph office. Overhead tank	
Rest house or inspection bungalow. Circuit house. Police station	
Camping ground. Forest; reserved; protected	
Spaced names; administrative; locality or tribal	
Hospital. Dispensary. Veterinary. Hospital / Dispensary	
Aerodrome. Helipad. Tourist site	
Power line; with pylons surveyed; with poles unsurveyed	

TOPO SHEET No. 57 B/9 & 13



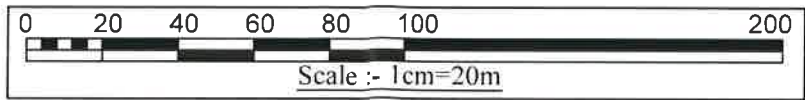
Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	1	Dwg. Title	KEY PLAN
Scale :- 1 : 50,000 R.F.	Area :- 12-10 Acres	Date of Survey:- 15/08/2019	

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 RQP/GOA/144/2002/A



GENERAL INDEX	
	Q.L.Boundary
	7.5m Buffer zone
	Halla
	Approach Road
	Contour Lines
	Bench Mark

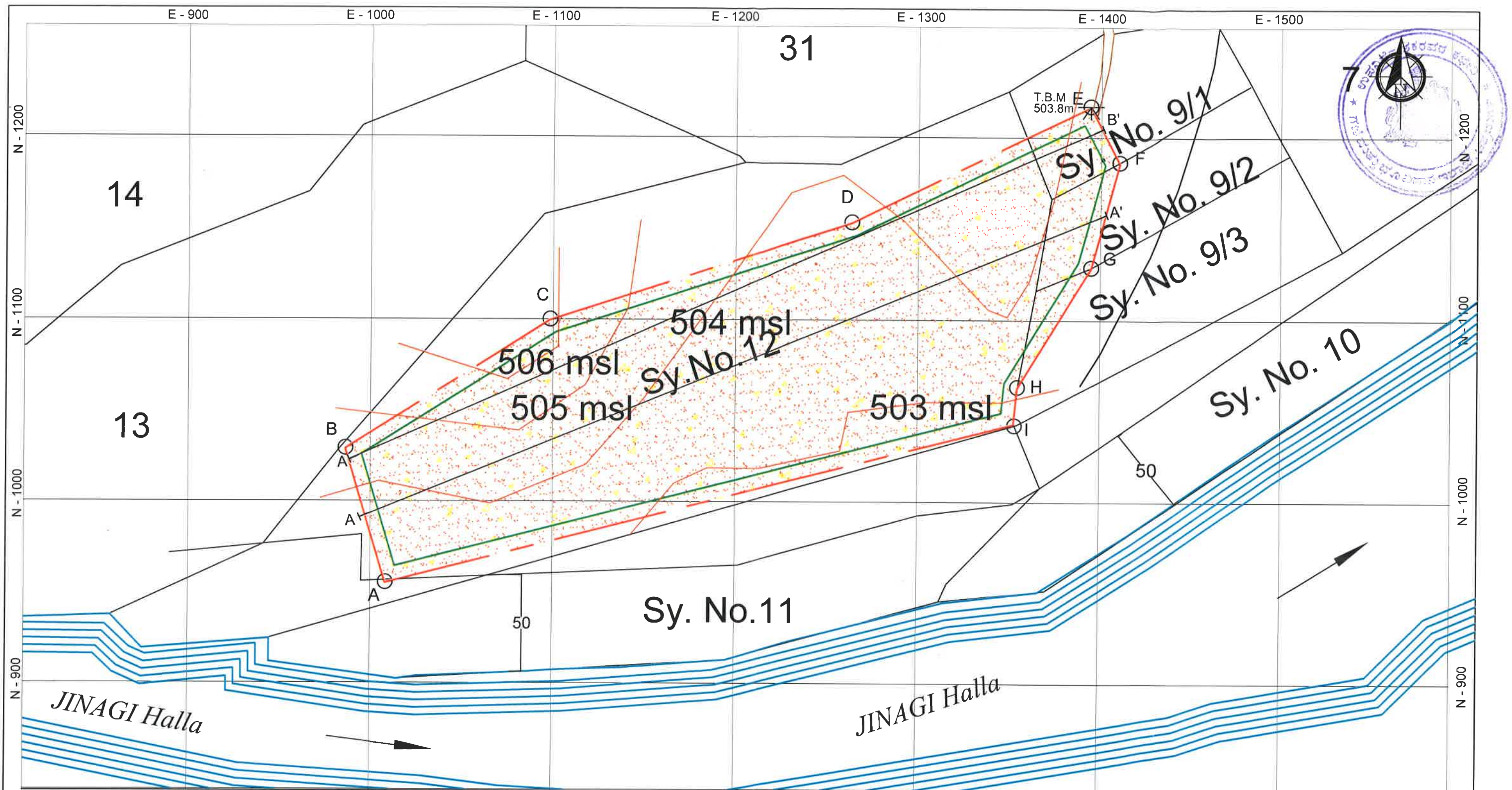
GPS READING OF CORNER PILLARS		
Corner Pillar	Latitude	Longitude
A	N 14° 48' 22.3"	E 76° 45' 57.6"
B	N 14° 48' 24.6"	E 76° 45' 56.9"
C	N 14° 48' 26.8"	E 76° 46' 00.8"
D	N 14° 48' 28.4"	E 76° 46' 06.5"
E	N 14° 48' 30.3"	E 76° 46' 11.0"
F	N 14° 48' 29.4"	E 76° 46' 11.5"
G	N 14° 48' 27.5"	E 76° 46' 10.9"
H	N 14° 48' 25.5"	E 76° 46' 09.5"
I	N 14° 48' 24.7"	E 76° 46' 09.4"
WGS-84 DATUM		



Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village. Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	3	Dwg. Title	SURFACE PLAN
Scale :- 1 : 2000 R.F.		Area :- 12-10 Acres	Date of Survey:- 15/08/2019

The Plans & Sections are prepared based on Lease sketch authenticated by the State Government and certified to be correct.

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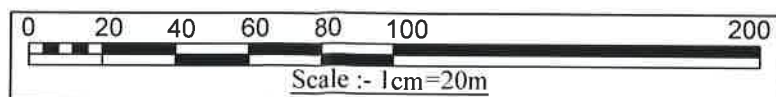


GENERAL INDEX

-  Q.L. Boundary
-  7.5m Buffer zone
-  Halla
-  Approach Road
-  504 msl Contour Lines
-  Bench Mark

GEOLOGICAL INDEX

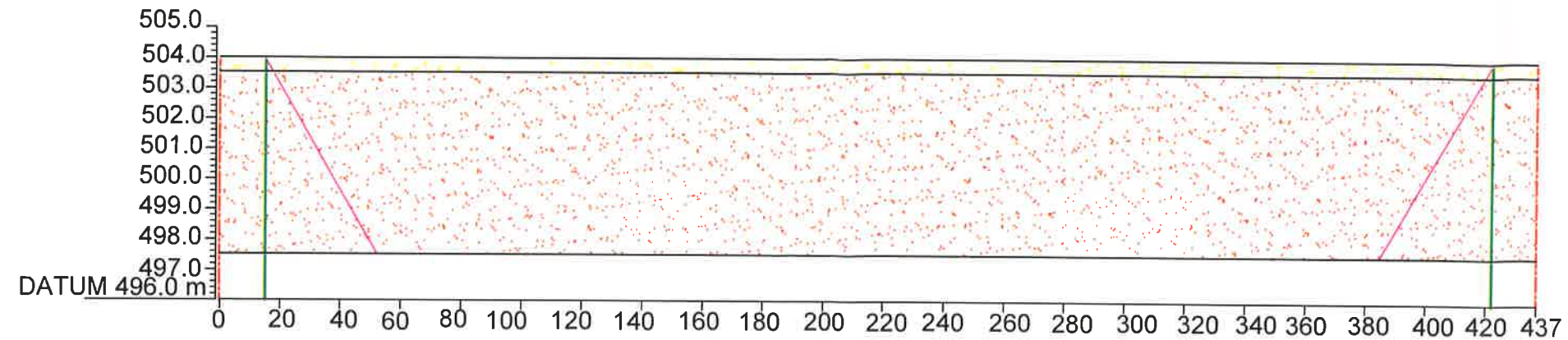
-  Sand
-  Top Soil
-  Pit Limit



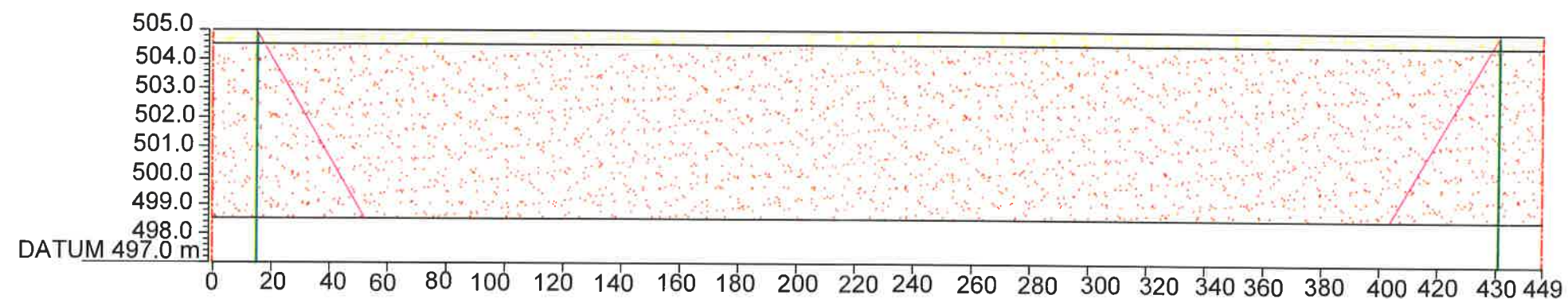
Project Title		ORDINARY SAND QUARRY	
Location		At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka	
Lessee		SRI. KHAJA HUSSAIN B	
Plate No.	4	Dwg. Title	GEOLOGICAL PLAN
Scale :- 1 : 2000 R.F.		Area :- 12-10 Acres	Date of Survey:- 15/08/2019

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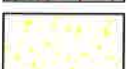
SECTION ALONG - AA'



SECTION ALONG - BB'

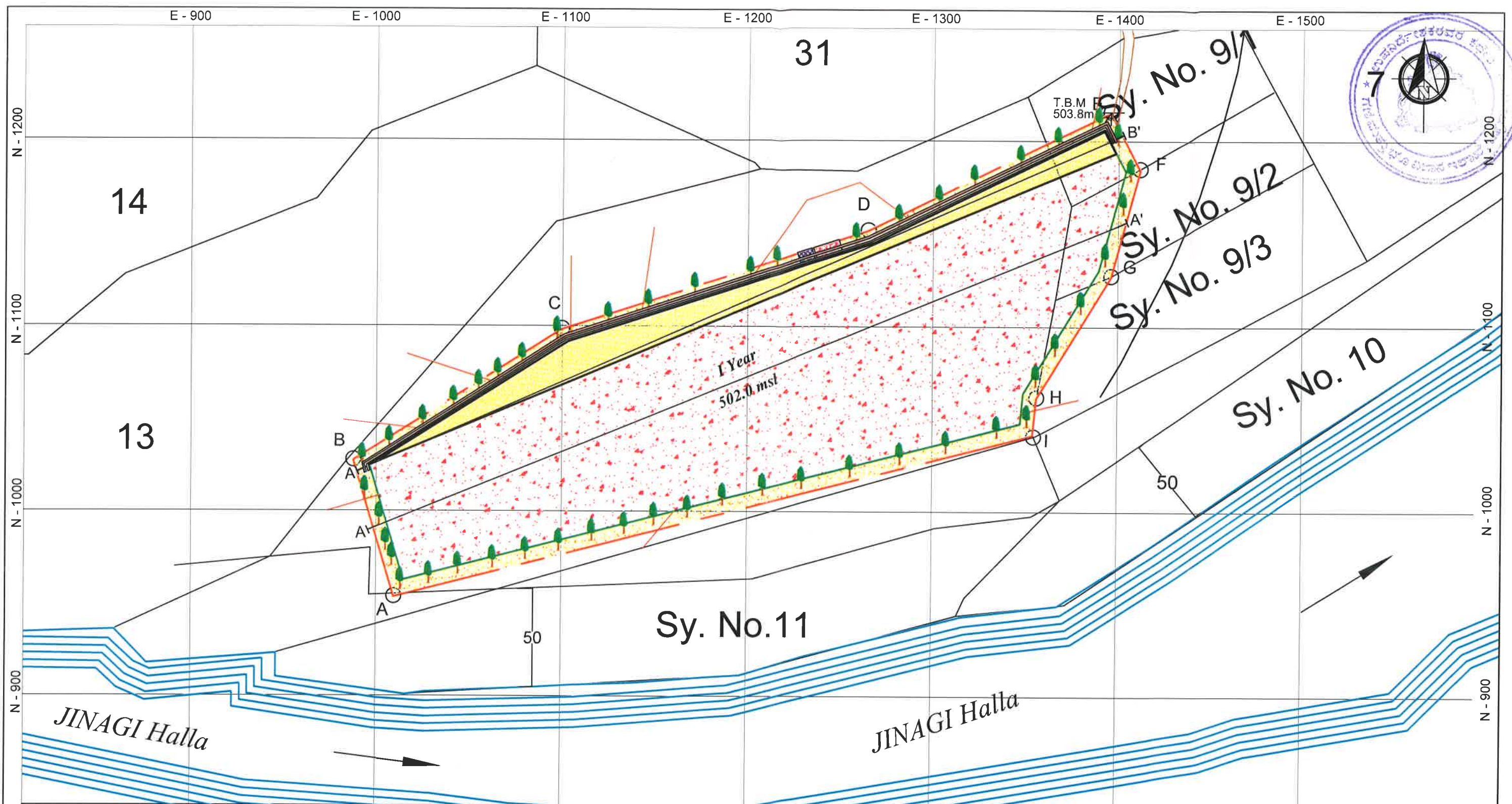
VERTICAL SCALE - 1:200 R.F.
HORIZONTAL SCALE - 1:500 R.F.

GENERAL INDEX

-  Q.L. Boundary
-  7.5 mtr Buffer
-  Pit Limit
-  30° Slope
-  Ordinary Sand
-  Top Soil

Project Title		ORDINARY SAND QUARRY	
Location		At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka	
Lessee		SRI. KHAJA HUSSAIN B	
Plate No.	5	Dwg. Title	GEOLOGICAL CROSS SECTION
Area :- 12-10 Acres		Date of Survey:- 15/08/2019	
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GENERAL INDEX

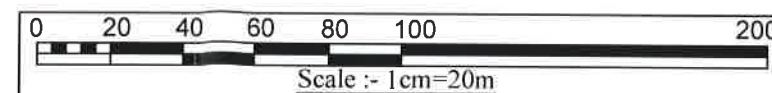
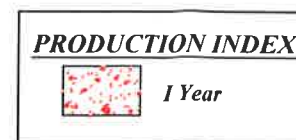
	<i>Q.L.Boundary</i>
	<i>7.5m Buffer zone</i>
	<i>Halla</i>
	<i>Approach Road</i>
	<i>Contour Lines</i>
	<i>Bench Mark</i>

GEOLOGICAL INDEX

	<i>Top Soil</i>
	<i>Sand</i>
	<i>Pit Limit</i>
	<i>Proposed Plantation</i>
	<i>Screening Location</i>
	<i>Rejects Dump Yard</i>

GEOLOGICAL INDEX

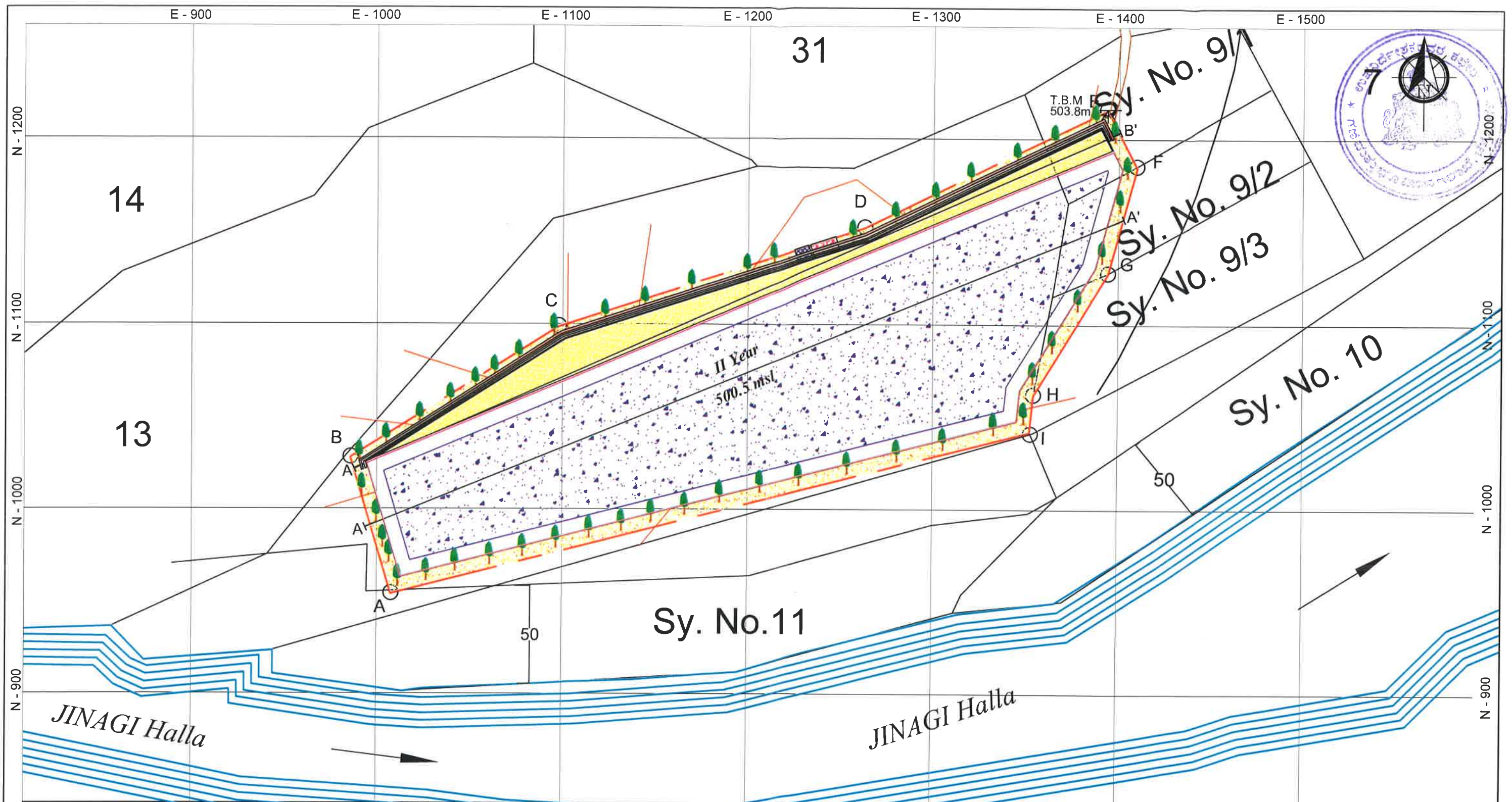
	<i>Proposed Storage Yard</i>
	<i>Proposed Retaining Wall</i>
	<i>Mudbund and Fencing</i>



Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	6A	Dwg. Title	PRODUCTION AND DEVELOPMENT PLAN I YEAR
Scale :- 1 : 2000 R.F.		Area :- 12-10 Acres	Date of Survey:- 15/08/2019

The Plans & Sections are prepared based on Lease sketch authenticated by the State Government and certified to be correct.

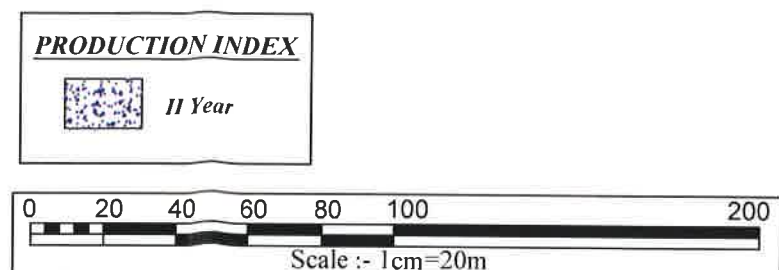
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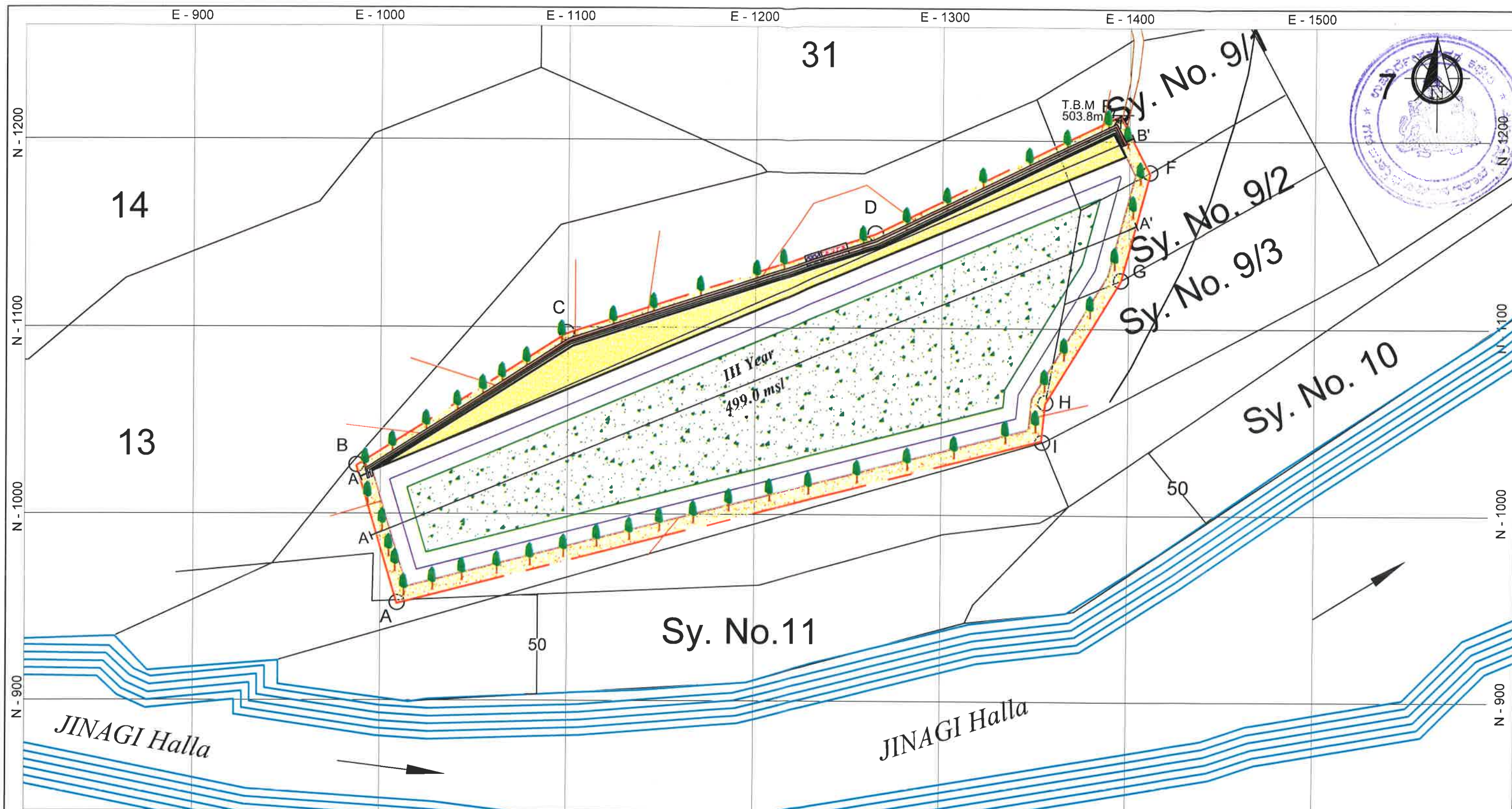
GENERAL INDEX	
	Q.L. Boundary
	7.5m Buffer zone
	Halla
	Approach Road
	Contour Lines
	Bench Mark

GEOLOGICAL INDEX	
	Top Soil
	Sand
	Pit Limit
	Proposed Plantation
	Screening Location
	Rejects Dump Yard

GEOLOGICAL INDEX	
	Proposed Storage Yard
	Proposed Retaining Wall
	Mudbund and Fencing



Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	6B	Dwg. Title	PRODUCTION AND DEVELOPMENT PLAN II YEAR
Scale :- 1 : 2000 R.F.		Area :- 12-10 Acres	Date of Survey:- 15/08/2019
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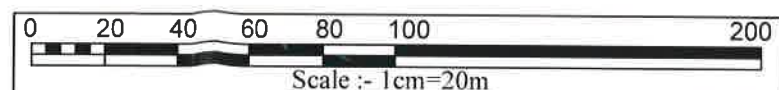


GENERAL INDEX	
	Q.L. Boundary
	7.5m Buffer zone
	Halla
	Approach Road
	Contour Lines
	Bench Mark

GEOLOGICAL INDEX	
	Top Soil
	Sand
	Pit Limit
	Proposed Plantation
	Screening Location
	Rejects Dump Yard

GEOLOGICAL INDEX	
	Proposed Storage Yard
	Proposed Retaining Wall
	Mudbund and Fencing

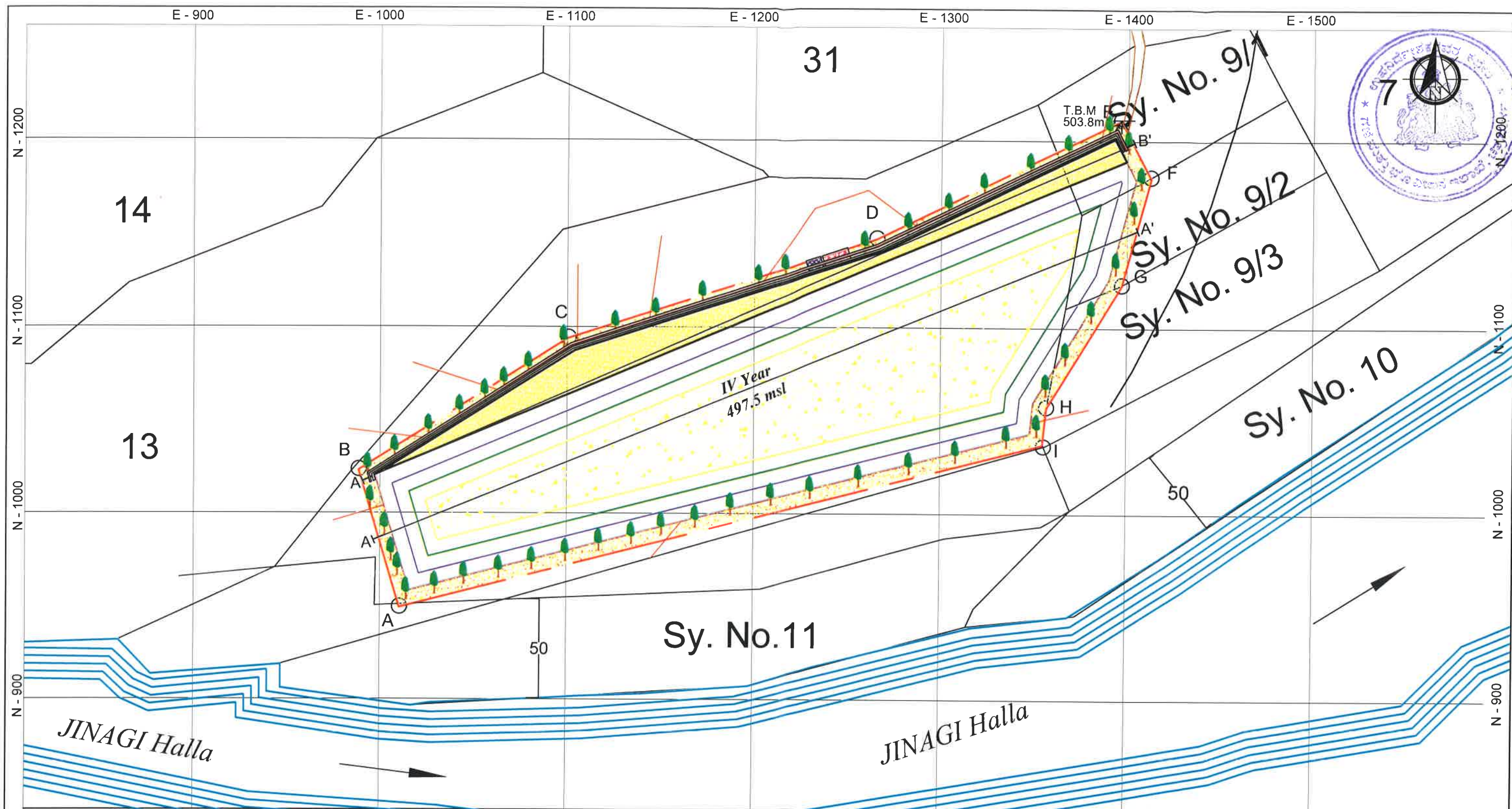
PRODUCTION INDEX	
	III Year



Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	6C	Dwg. Title	PRODUCTION AND DEVELOPMENT PLAN III YEAR
Scale :- 1 : 2000 R.F.		Area :- 12-10 Acres	Date of Survey:- 15/08/2019

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GENERAL INDEX

	Q.L. Boundary
	7.5m Buffer zone
	Halla
	Approach Road
	Contour Lines
	Bench Mark

GEOLOGICAL INDEX

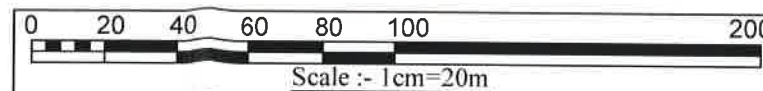
	Top Soil
	Sand
	Pit Limit
	Proposed Plantation
	Screening Location
	Rejects Dump Yard

GEOLOGICAL INDEX

	Proposed Storage Yard
	Proposed Retaining Wall
	Mudbund and Fencing

PRODUCTION INDEX

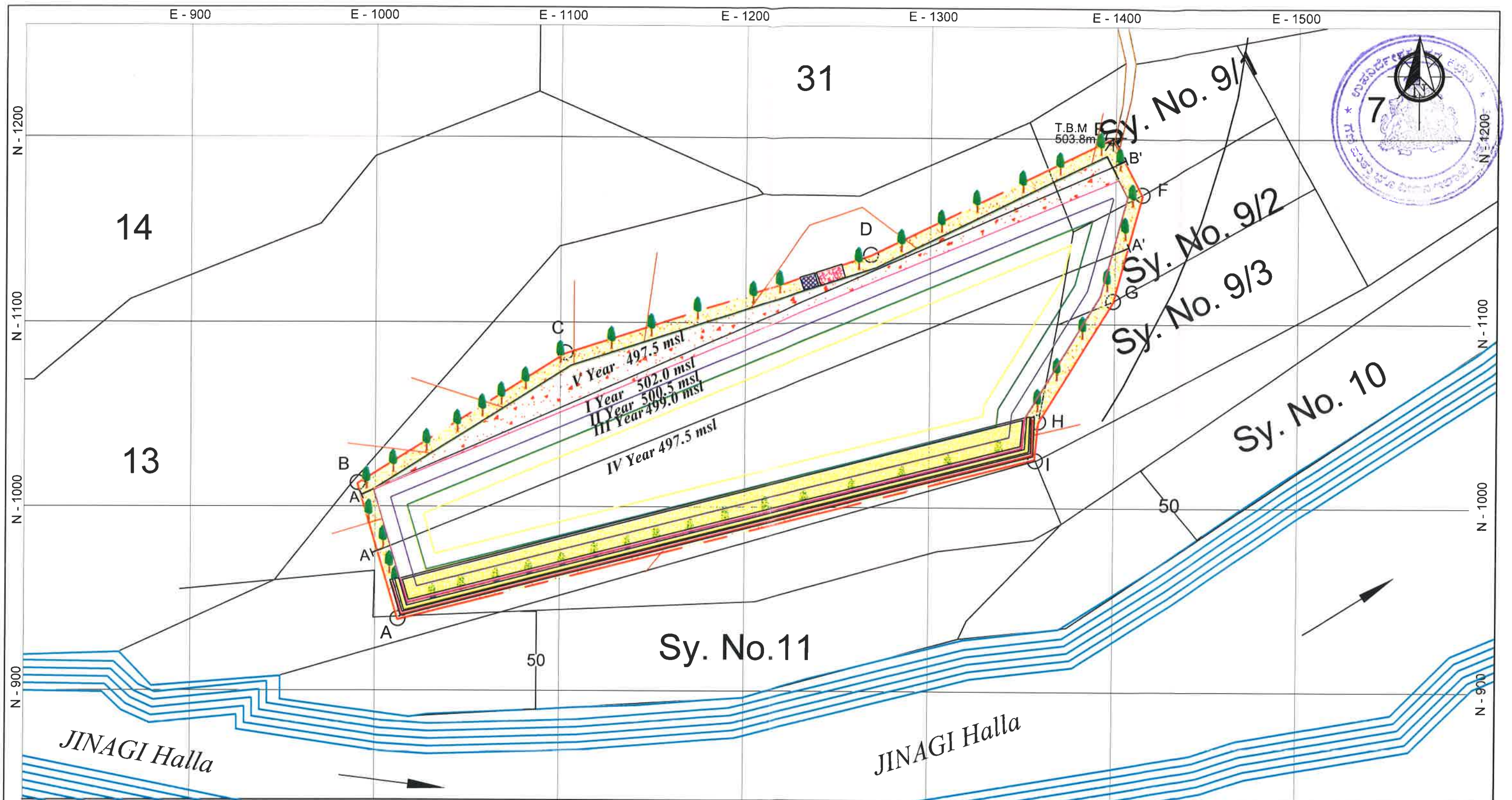
	IV Year
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Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	6D	Dwg. Title	PRODUCTION AND DEVELOPMENT PLAN IV YEAR
Scale :- 1 : 2000 R.F.	Area :- 12-10 Acres	Date of Survey:- 15/08/2019	

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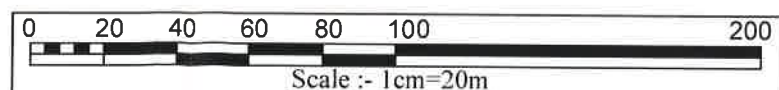


GENERAL INDEX	
	Q.L. Boundary
	7.5m Buffer zone
	Halla
	Approach Road
	Contour Lines
	Bench Mark

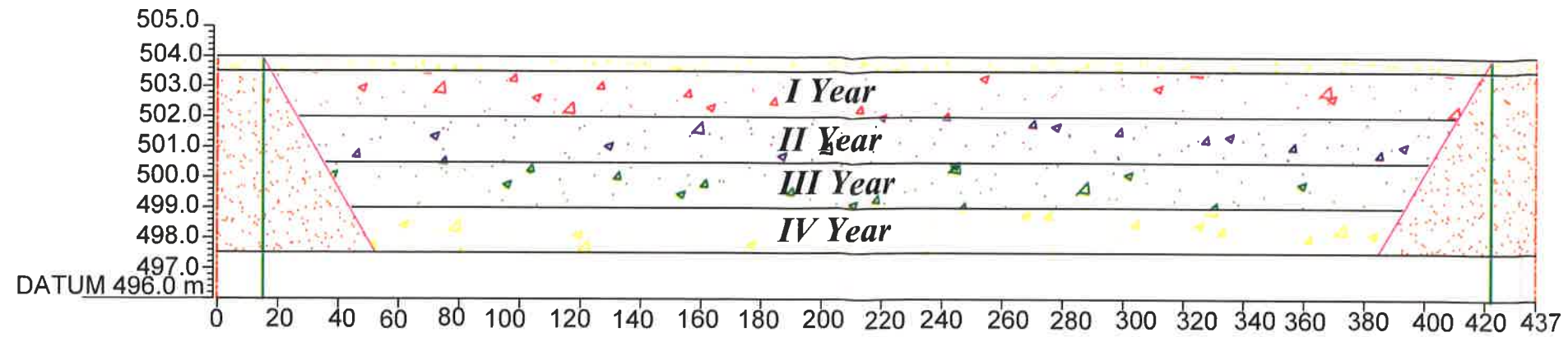
GEOLOGICAL INDEX	
	Top Soil
	Sand
	Pit Limit
	Proposed Plantation
	Screening Location
	Rejects Dump Yard

GEOLOGICAL INDEX	
	Proposed Storage Yard
	Proposed Retaining Wall
	Mudbund and Fencing

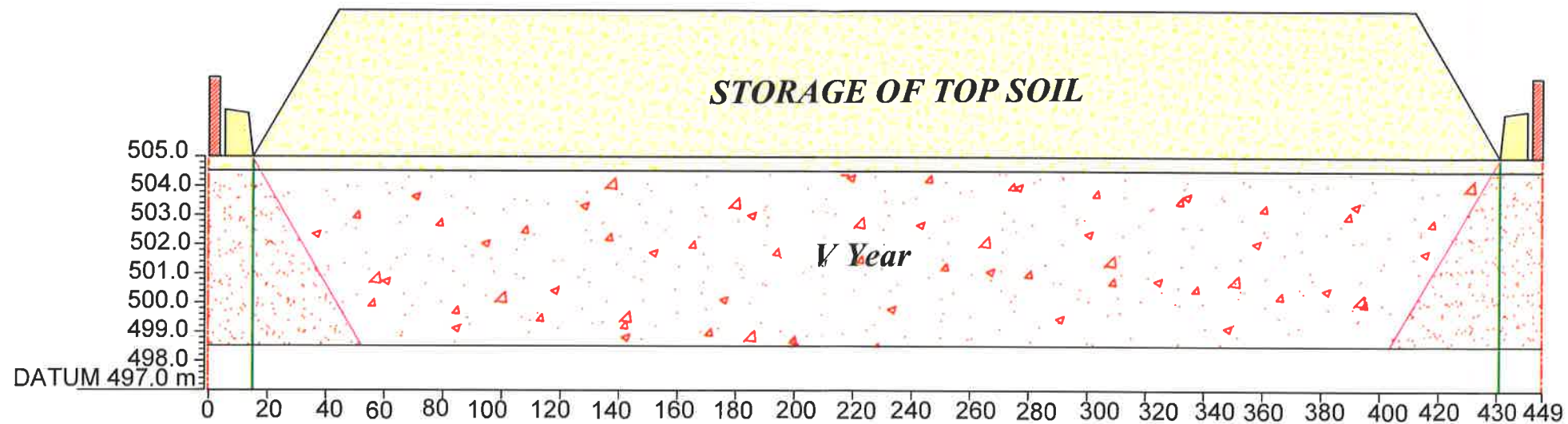
PRODUCTION INDEX	
	V Year



Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	6E	Dwg. Title	PRODUCTION AND DEVELOPMENT PLAN V YEAR
Scale :-	1 : 2000 R.F.	Area :-	12-10 Acres
		Date of Survey:-	15/08/2019
The Plans & Sections are prepared based on Lease sketch authenticated by the State Government and certified to be correct.			
 Ganapati S. Hegde RQP/GOA/144/2002/A			



SECTION ALONG - LL'



SECTION ALONG - BB'

GEOLOGICAL INDEX	
	Proposed Storage Yard
	Proposed Retaining Wall
	Mudbund and Fencing

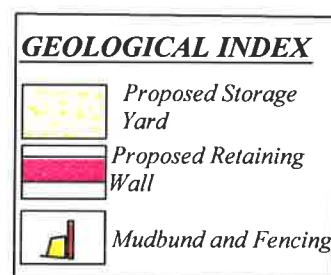
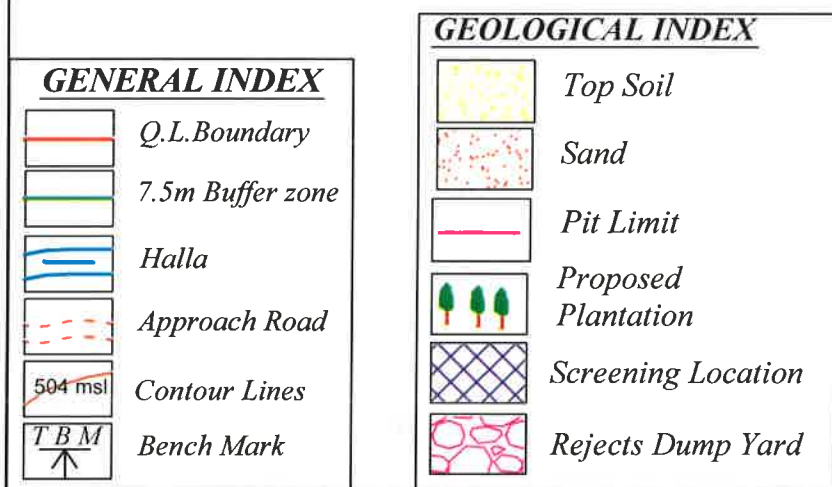
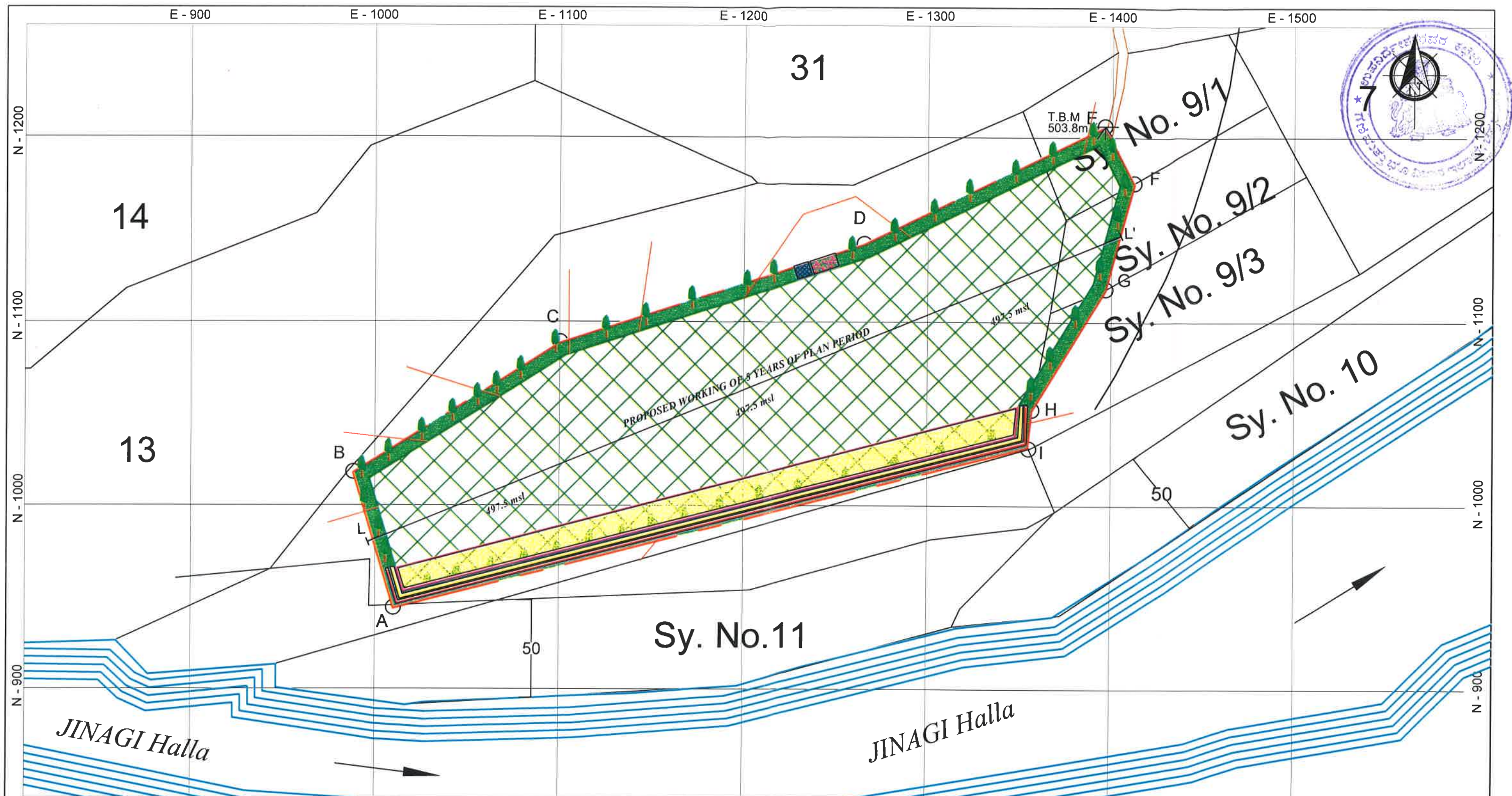
PRODUCTION INDEX	
	I Year
	II Year
	III Year
	IV Year
	V Year

GENERAL INDEX	
	Q.L. Boundary
	7.5 mtr Buffer
	Pit Limit
	30° Slope
	Ordinary Sand
	Top Soil

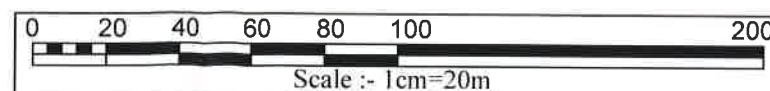
VERTICAL SCALE - 1:200 R.F.
HORIZONTAL SCALE - 1:500 R.F.

Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	7	Dwg. Title	PRODUCTION AND DEVELOPMENT SECTION
Area :- 12-10 Acres		Date of Survey:- 15/08/2019	
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LANDUSE PATTERN AT THE END OF 5 YEARS	
Particulars	Total Landuse (Acres)
Mining	10-10
Buffer Zone for Storage of Top Soil	2-00
TOTAL	12-10



Project Title	ORDINARY SAND QUARRY		
Location	At In Part of SY.NO - 9/1, 9/2, 9/3 & 12 Of Heruru Village, Devasamudra Hobli Molkalmuru Taluk, Chitradurga District, Karnataka		
Lessee	SRI. KHAJA HUSSAIN B		
Plate No.	8	Dwg. Title	PROGRESSIVE MINE CLOSURE PLAN
Scale :- 1 : 2000 R.F.		Area :- 12-10 Acres	Date of Survey:- 15/08/2019
The Plans & Sections are prepared based on Lease sketch authenticated by the State Government and certified to be correct.			
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