



R F D

(Results-Framework Document)

for

GSI

(2012-2013)

Section 1: Vision, Mission, Objectives and Functions

Vision

To develop GSI into a world-class institution for fundamental as well as applied geosciences, keeping up with the latest technologies and methodologies. To create a close-knit national Geoscientific community through leadership and collaborative partnerships and To acquire and provide expertise and widely disseminate Geoscientific information to facilitate informed decision-making by policy makers and public and enable use to Geoscientific data for sustainable socio-economic development.

Mission

GSI is executing its Geoscientific programmes in five Missions. To ensure smooth planning and evaluation of programme, there would be three Support System. The five Missions as well as the three Support Systems are as follows: - Five Missions I. Baseline Geoscience Data generation; II. Natural Resources Assessment; III. Geoinformatics; IV Fundamental & Multidisciplinary Geosciences and Special studies; V. Training & Capacity building; Support System Three Support Systems are viz (1) S&T Support System 2) Administrative Support System and (3) Policy Support Systems to the Missions to provide the requisite support and crosscutting co-ordination.

Objective

- 1 Earth Science Data Generation
- 2 Dissemination of Earth Science Data
- 3 Improvement in the functioning of GSI
- 4 Capacity Building in Earth Science Sector
- 5 Quality Management of Geoscientific Activities

Functions

- 1 Enable and facilitate providing of objective, impartial and up-to-date geological expertise and geoscientific information of all kinds, particularly for decision-making for policy, commercial, economic and societal needs.
- 2 Systematically document the geology and geological processes of the surface and subsurface of India and its offshore areas using the latest and most cost-effective techniques and methodologies, including geophysical and geochemical and geological surveys
- 3 Develop and continually enhance GSI's core competence in survey and mapping through continued accretion, management, co-ordination and utilization of spatial databases (including those acquired through remote sensing) and function as a 'Repository' or 'clearing house' for the purpose and use new and emerging computer-based technologies for dissemination of geographic information and other spatial data, through cooperation and collaboration with other stakeholders in the Geoinformatics sector
- 4 Explore (through ground, airborne, satellite, and marine surveys) and scientifically assess mineral, energy and water resources for the country and facilitate their optimal exploration through information dissemination.
- 5 Maintain a leadership role in the geological field and develop partnerships with Central, State and other institutions, to help create enhanced executional capability and capacity in the field of geology in furtherance of

Section 1: Vision, Mission, Objectives and Functions

GSI's Vision and the objectives of this Charter.

- 6 Coordinate geoscientific activities with stakeholders in all sectors related to geosciences in order to help sustainably manage our natural resources, including water.
- 7 Conduct multidisciplinary as well as fundamental Geoscientific research and studies (including Geotechnical investigations, physical, chemical and biological hazard investigations, climate change geostudies, paleogeostudies etc.) and foster partnerships with State and Central research and academic intuitions for the purpose.
- 8 Actively participate in internal collaborative projects to improve our understanding of the earth and its ecosystem and its geology, including studies related to tectonics, global warming and climate change and Polar studies.
- 9 Generally advance the cause of the geosciences by documentation, propagation, archiving and education, including creation and management of museums, monuments and parks, archives, libraries and other facilities for use of students researches and the public. In particular constantly endeavour to popularize Geoscience at school and university levels through production and distribution of high quality audio-visual and printed material, and through the medium of the internet. Also hold exhibitions and special events to bring geoscientific concepts before the public.

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[1] Earth Science Data Generation	44.00	[1.1] Ground Survey	[1.1.1] Specialised Thematic Mapping on 1:25,000 scale (in Sq. km.)	Sq Kms	4.00	18000	17500	17000	16500	16000
			[1.1.2] Area to be covered under Geochemical Mapping (GCM) on 1:50,000 scale (in Sq. km.)	Sq Kms	7.00	75000	70000	68000	67000	65000
			[1.1.3] Area to be covered under GPM 1:50,000 scale (in Sq. km.)	Sq Kms	4.00	27000	26500	26000	25500	25000
		[1.2] Marine & Coastal survey	[1.2.1] Swath Bathymetry within EEZ & TW	Sq Kms	3.00	57000	56000	55000	53000	50000
			[1.2.2] Mapping within TW and adjoining EEZ	Sq Kms	2.00	1700	1650	1600	1550	1500
		[1.3] Airborne Survey	[1.3.1] Multisensor (TOASS) Survey	Line Kms	2.49	30000	29000	28000	27000	26000
			[1.3.2] Heliborne Survey	Line Kms	1.50	16000	15000	13000	12000	10000
		[1.4] Intensify regional exploration of minerals.	[1.4.1] Annual increment to National Mineral Inventory (for Field Seasons (F.Ss) ending 31st March 2012)	Date	4.00	31/01/2013	28/02/2013	15/03/2013	21/03/2013	--
			[1.4.2] Large Scale Mapping (LSM) on 1: 25,000 to 10,000 scale.	Sq Kms	4.00	4200	4100	4050	4000	3900
			[1.4.3] Drilling (in mt.) Mission-IIA	Metre	2.00	25000	24500	24000	23500	23000

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[1.4.4] Drilling (in mt.) Mission-IIB	Metre	5.00	43000	42500	42000	41500	41000
		[1.5] Climate change and Natural Hazard Studies	[1.5.1] Taking up seismic microzonation / hazard assessment of cities	Nos of cities	2.00	8	6	5	4	3
			[1.5.2] Taking up of landslide hazard assessment studies (nos. of projects)	Nos	2.00	12	10	9	8	7
			[1.5.3] Glaciological studies including polar regions	Nos	1.00	4	3	2	1	--
[2] Dissemination of Earth Science Data	10.00	[2.1] Finalization and circulation of reports	[2.1.1] Circulation of finalised Reports 2010-12 (100% of Reports)	Date	1.50	30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/01/2013
			[2.1.2] Monitoring of circulation by GSI of NGCM Reports of the Field Season 2009-10 ending 30 September 2010	Date	1.50	30/06/2012	31/07/2012	31/08/2012	30/09/2012	31/10/2012
		[2.2] Geoinformatics Services & products - uploading of data for F.Ss ending: 31 March 2012	[2.2.1] Uploading of all report circulated for the FS 2010-12 as per dissemination policy	Date	1.50	31/12/2012	31/01/2013	28/02/2013	15/03/2013	--
			[2.2.2] Uploading of GCM reports for the FS 2009-10 as per dissemination policy	Date	1.50	30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/01/2013

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[2.3] Publications	[2.3.1] GSI publications	Nos	2.00	15	14	13	12	11
			[2.3.2] Peer reviewed Scientific publications by scientists of GSI in National and International scientific journals (including GSI's)	Nos	2.00	40	30	25	20	15
[3] Improvement in the functioning of GSI	18.00	[3.1] Online implementation of various working modules through GSI portal	[3.1.1] Online approval of FSP items by FSPMIS module	% of online vis-a-vis all	1.00	90	80	70	60	50
			[3.1.2] Online implementation of Laboratory Management Module	% of online transactions vs. all	1.00	90	80	70	60	50
			[3.1.3] updating of HRMIS database	% of possible updates	0.50	95	80	70	60	50
			[3.1.4] Implementation of Leave Module	% of online apply vs. all	0.50	95	80	70	60	50
		[3.2] Phase III GSI Portal Project – Implementation of Online Core Business Integrated System.(OCBIS)	[3.2.1] EFC Approval	Date	1.00	31/08/2012	31/10/2012	31/12/2012	28/02/2013	--
			[3.2.2] Short listing of Vendor/ firm for implementing project	Date	1.00	31/01/2013	28/02/2013	31/03/2013	--	--
			[3.2.3] Award of Work Contract	Date	0.99	15/03/2013	31/03/2013	--	--	--

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Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		[3.3] Procurement of Ocean Going Research Vessel.	[3.3.1] Procurement Action: Payment of 4th installment.	Date	2.00	31/10/2012	15/11/2012	30/11/2012	--	--
			[3.3.2] Procurement Action: Payment of 5th installment	Date	2.00	31/03/2013	--	--	--	--
		[3.4] National Aero-geophysical Mapping	[3.4.1] Short listing of consultant for making the DPR	Date	1.00	31/05/2012	07/06/2012	15/06/2012	25/06/2012	30/06/2012
			[3.4.2] Issue of work order for appointment of consultant for making the DPR	Date	1.00	07/06/2012	15/06/2012	25/06/2012	30/06/2012	07/07/2012
			[3.4.3] Submission of DPR of NAGMP to MoM	Date	1.00	15/10/2012	25/10/2012	07/11/2012	15/11/2012	30/11/2012
		[3.5] Implementation of Cabinet approval for 'Restructuring of GSI'	[3.5.1] Notification of RRs for Gr. A & B (S&T and non S&T)	Date	1.00	31/10/2012	30/11/2012	31/12/2012	31/01/2013	--
		[3.6] Biannual Meeting of CGPB	[3.6.1] 1st Meeting	Date	1.00	31/08/2012	30/09/2012	--	--	--
			[3.6.2] 2nd Meeting	Date	1.00	28/02/2013	10/03/2013	--	--	--
		[3.7] Biannual Meetings of 12 CGPB Committees	[3.7.1] 1st Meeting	Date	1.00	31/07/2012	31/08/2012	--	--	--
			[3.7.2] 2nd Meeting	Date	1.00	31/01/2013	10/02/2013	--	--	--
[4] Capacity Building in Earth Science Sector	8.00	[4.1] Training Courses by GSITI	[4.1.1] Training courses for GSI officers	Nos of courses	6.00	75	70	65	60	55
			[4.1.2] Training courses for others. (State Govts, PSUs, International Participants etc.)	Nos of courses	2.00	7	6	5	4	--

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[5] Quality Management of Geoscientific Activities	8.00	[5.1] Peer Review of FSP Programmes	[5.1.1] Internal Peer Review of 100% field items proposed for FS 2013-14.	Date	1.00	31/01/2013	07/02/2013	--	--	--
			[5.1.2] External Peer Review of 20% field items proposed for FS 2013-14.	Date	1.00	07/02/2013	25/02/2013	--	--	--
		[5.2] Reviews / monitoring	[5.2.1] Holding of Stage Review Meeting	Date	1.00	31/10/2012	15/11/2012	20/11/2012	25/11/2012	30/11/2012
			[5.2.2] Holding of Term Review Meetings	Date	1.00	15/03/2013	18/03/2013	20/03/2013	25/03/2013	--
			[5.2.3] Implementation of peer review recommendations for enhancement of field targets under different missions [Mission-I: Baseline Geoscience Data; Mission-II : Natural Resource Assessment; Mission-III: Geoinformatics; Mission-IV : Fundamental and Multidisciplinary Geosciences and Mission-V : Capacity Building & Training (for the Field Season 2013-14 i.e. 04/13 – 03/14)	Date	1.00	31/01/2013	07/02/2013	15/02/2013	--	--

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
			[5.2.4] Peer Review of 75% reports of the Field Season 2010-12 i.e. period ending 31 March 2012.	Date	1.00	31/12/2012	31/01/2013	28/02/2013	10/03/2013	--
			[5.2.5] Quarterly Monitoring of achievements of the targets for each Mission (Mission-I: STM – 15000 sq. km.; GCM : 46000 sq. km.; GPM: 22000 sq. km.; Multi Sensor Survey : 25000 L Km.;Bathymetry:500 0 lkm; Swath Bathymetry: 50,000 sq. km.; Systematic coverage within TW & adjacent EEZ : 1700 Sq.km.; Mission – II: LSM : 2500 sq. km.; DM: 40 sq. km.; Drilling: 66000 m; Mission – III: 30 Nos. Items; Mission – IV: 127 Nos. Items; Mission- V : 80 Nos. items) for the Field Season 2012-13 ending: 31 March 2013	Nos	2.00	4	3	2	1	--

* Mandatory Objective(s)

Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
* Efficient Functioning of the RFD System	3.00	Timely submission of RFD for 2012-13	On-time submission	Date	2.0	05/03/2012	08/03/2012	09/03/2012	10/03/2012	11/03/2012
		Timely submission of Results for 2012-13	On-time submission	Date	1.0	01/05/2013	02/05/2013	03/05/2013	04/05/2013	05/05/2013
* Administrative Reforms	5.00	Implement ISO 9001	Prepare ISO 9001 action plan	Date	1.0	01/05/2013	02/05/2013	03/05/2013	04/05/2013	05/05/2013
			Implementation of ISO 9001 action plan.	Date	2.0	25/03/2013	26/03/2013	27/03/2013	28/03/2013	29/03/2013
		Implement mitigating strategies for reducing potential risk of corruption	% of implementation	%	2.0	100	95	90	85	80
* Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	4.00	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	2.0	100	95	90	85	80
			Independent Audit of implementation of public grievance redressal system	%	2.0	100	95	90	85	80

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
[1] Earth Science Data Generation	[1.1] Ground Survey	[1.1.1] Specialised Thematic Mapping on 1:25,000 scale (in Sq. km.)	Sq Kms	8890	11000	17500	17500	17500
		[1.1.2] Area to be covered under Geochemical Mapping (GCM) on 1:50,000 scale (in Sq. km.)	Sq Kms	25489.6	38000	70000	70000	70000
		[1.1.3] Area to be covered under GPM 1:50,000 scale (in Sq. km.)	Sq Kms	17643.5	19000	26500	40000	45000
	[1.2] Marine & Coastal survey	[1.2.1] Swath Bathymetry within EEZ & TW	Sq Kms	30390	63000	56000	60000	60000
		[1.2.2] Mapping within TW and adjoining EEZ	Sq Kms	2220	1500	1650	2000	2000
	[1.3] Airborne Survey	[1.3.1] Multisensor (TOASS) Survey	Line Kms	4227	4000	29000	30000	30000
		[1.3.2] Heliborne Survey	Line Kms	--	--	15000	16500	16500
	[1.4] Intensify regional exploration of minerals.	[1.4.1] Annual increment to National Mineral Inventory (for Field Seasons (F.Ss) ending 31st March 2012)	Date	31/12/2010	23/12/2011	28/02/2013	28/02/2014	28/02/2015
		[1.4.2] Large Scale Mapping (LSM) on 1: 25,000 to 10,000 scale.	Sq Kms	2424.83	1878.9	4100	4500	5000
		[1.4.3] Drilling (in mt.) Mission-IIA	Metre	15939.98	16726.75	24500	30000	30000
		[1.4.4] Drilling (in mt.) Mission-IIB	Metre	42020.55	45088.85	42500	45000	45000

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value	Actual Value	Target Value	Projected Value for	Projected Value for
				FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
	[1.5] Climate change and Natural Hazard Studies	[1.5.1] Taking up seismic microzonation / hazard assessment of cities	Nos of cities	--	--	6	6	6
		[1.5.2] Taking up of landslide hazard assessment studies (nos. of projects)	Nos	--	--	10	10	10
		[1.5.3] Glaciological studies including polar regions	Nos	--	--	3	3	3
[2] Dissemination of Earth Science Data	[2.1] Finalization and circulation of reports	[2.1.1] Circulation of finalised Reports 2010-12 (100% of Reports)	Date	--	--	31/10/2012	--	--
		[2.1.2] Monitoring of circulation by GSI of NGCM Reports of the Field Season 2009-10 ending 30 September 2010	Date	--	--	31/07/2012	--	--
	[2.2] Geoinformatics Services & products - uploading of data for F.Ss ending: 31 March 2012	[2.2.1] Uploading of all report circulated for the FS 2010-12 as per dissemination policy	Date	--	--	31/01/2013	--	--
		[2.2.2] Uploading of GCM reports for the FS 2009-10 as per dissemination policy	Date	--	--	31/10/2012	--	--
	[2.3] Publications	[2.3.1] GSI publications	Nos	--	--	14	15	15
		[2.3.2] Peer reviewed Scientific publications by scientists of GSI in National and	Nos	--	--	30	40	50

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value	Actual Value	Target Value	Projected Value for	Projected Value for
				FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
		International scientific journals (including GSI's)						
[3] Improvement in the functioning of GSI	[3.1] Online implementation of various working modules through GSI portal	[3.1.1] Online approval of FSP items by FSPMIS module	% of online vis-a-vis all	--	--	80	90	100
		[3.1.2] Online implementation of Laboratory Management Module	% of online transactions vs. all	--	--	80	90	100
		[3.1.3] updating of HRMIS database	% of possible updates	--	--	80	90	100
		[3.1.4] Implementation of Leave Module	% of online apply vs. all	--	--	80	90	100
	[3.2] Phase III GSI Portal Project – Implementation of Online Core Business Integrated System.(OCBIS)	[3.2.1] EFC Approval	Date	--	--	31/10/2012	--	--
		[3.2.2] Short listing of Vendor/firm for implementing project	Date	--	--	28/02/2013	--	--
		[3.2.3] Award of Work Contract	Date	--	--	31/03/2013	--	--
	[3.3] Procurement of Ocean Going Research Vessel.	[3.3.1] Procurement Action: Payment of 4th installment.	Date	--	--	15/11/2012	--	--
		[3.3.2] Procurement Action: Payment of 5th installment	Date	--	--	31/03/2013	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
	[3.4] National Aero-geophysical Mapping	[3.4.1] Short listing of consultant for making the DPR	Date	--	--	07/06/2012	--	--
		[3.4.2] Issue of work order for appointment of consultant for making the DPR	Date	--	--	15/06/2012	--	--
		[3.4.3] Submission of DPR of NAGMP to MoM	Date	--	--	25/10/2012	--	--
	[3.5] Implementation of Cabinet approval for 'Restructuring of GSI'	[3.5.1] Notification of RRs for Gr. A & B (S&T and non S&T)	Date	--	--	30/11/2012	--	--
	[3.6] Biannual Meeting of CGPB	[3.6.1] 1st Meeting	Date	25/08/2010	24/08/2011	30/09/2012	30/09/2013	30/09/2014
		[3.6.2] 2nd Meeting	Date	03/02/2011	02/02/2012	10/03/2013	10/03/2014	10/03/2015
	[3.7] Biannual Meetings of 12 CGPB Committees	[3.7.1] 1st Meeting	Date	--	--	31/08/2012	31/08/2013	31/08/2014
		[3.7.2] 2nd Meeting	Date	--	--	10/02/2013	10/02/2014	10/02/2015
[4] Capacity Building in Earth Science Sector	[4.1] Training Courses by GSITI	[4.1.1] Training courses for GSI officers	Nos of courses	53	95	70	75	75
		[4.1.2] Training courses for others. (State Govts, PSUs, International Participants etc.)	Nos of courses	--	--	6	6	6
[5] Quality Management of Geoscientific Activities	[5.1] Peer Review of FSP Programmes	[5.1.1] Internal Peer Review of 100% field items proposed for FS 2013-14.	Date	--	--	07/02/2013	--	--
		[5.1.2] External Peer Review of 20% field items proposed for FS 2013-14.	Date	--	--	25/02/2013	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
	[5.2] Reviews / monitoring	[5.2.1] Holding of Stage Review Meeting	Date	--	--	15/11/2012	--	--
		[5.2.2] Holding of Term Review Meetings	Date	--	--	18/03/2013	--	--
		[5.2.3] Implementation of peer review recommendations for enhancement of field targets under different missions [Mission-I: Baseline Geoscience Data; Mission-II : Natural Resource Assessment; Mission-III: Geoinformatics; Mission-IV : Fundamental and Multidisciplinary Geosciences and Mission-V : Capacity Building & Training (for the Field Season 2013-14 i.e. 04/13 – 03/14)	Date	--	--	07/02/2013	--	--
		[5.2.4] Peer Review of 75% reports of the Field Season 2010-12 i.e. period ending 31 March 2012.	Date	--	--	31/01/2013	--	--
		[5.2.5] Quarterly Monitoring of achievements of the targets for each Mission (Mission-I: STM – 15000 sq. km.; GCM : 46000	Nos	--	--	3	--	--

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
		sq. km.; GPM: 22000 sq. km.; Multi Sensor Survey : 25000 L Km.;Bathymetry:5000 lkm; Swath Bathymetry: 50,000 sq. km.; Systematic coverage within TW & adjacent EEZ : 1700 Sq.km.; Mission – II: LSM : 2500 sq. km.; DM: 40 sq. km.; Drilling: 66000 m; Mission – III: 30 Nos. Items; Mission – IV: 127 Nos. Items; Mission-V : 80 Nos. items) for the Field Season 2012-13 ending: 31 March 2013						
* Efficient Functioning of the RFD System	Timely submission of RFD for 2012-13	On-time submission	Date	--	--	08/03/2012	--	--
	Timely submission of Results for 2012-13	On-time submission	Date	--	--	02/05/2013	--	--
* Administrative Reforms	Implement ISO 9001	Prepare ISO 9001 action plan	Date	--	--	02/05/2013	--	--
		Implementation of ISO 9001 action plan.	Date	--	--	26/03/2013	--	--
	Implement mitigating strategies for reducing potential risk of corruption	% of implementation	%	--	--	95	--	--
* Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	Implementation of Sevottam	Independent Audit of Implementation of Citizen's Charter	%	--	--	95	--	--

* Mandatory Objective(s)

Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value FY 10/11	Actual Value FY 11/12	Target Value FY 12/13	Projected Value for FY 13/14	Projected Value for FY 14/15
		Independent Audit of implementation of public grievance redressal system	%	--	--	95	--	--

* Mandatory Objective(s)

Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

1. Central Geological Programming Board (CGPB) has been meeting once a year in the past. It has been revamped in March, 2009 and mandated to meet twice a year, the second meeting to review progress. It will evaluate GSI's success in switching over to mission mode.

The 50th meeting of the Central Geological Programming Board (CGPB) was held on 2nd and 3rd February 2012 at New Delhi. Hon'ble Minister of Mines inaugurated the Exhibition and Shri Vishwapati Trivedi, Secretary (Mines) to the Government of India chaired the meeting.

2. GSI portal :- Under a Planning Commission Scheme of Rs. 25 crores, GSI has implemented Phase I and II of its Web Portal Project between 2004-2008. Phase III of the Project is to focus on (a) spatial (map) data (b) data centres (c) data repositories and the systems development for the purpose.

3. Request for Proposal (RFP)

4. National Mineral Inventory (NMI)

5. Detailed Project Report (DPR)

6. System Requirement Specification (SRS)

7. Expenditure Finance Committee (EFC)

8. Online Core Business Integrated System (OCBIS)

Section 5:
Specific Performance Requirements from other Departments

Specific performance requirements from other departments that are critical for delivering agreed results:

1. GSI had proposed 710 crores (excluding construction budget of 74 crores) as the financial Plan Outlay (BE) for all the schemes i.e. survey and mapping, mineral exploration, special investigation, R&D, HRD, modernization and replacement and Tribal / SCSP sub-plan. However, the Department of Expenditure has indicated an allocation of 194 crores as Budget Outlay for GSI for FY 2012-13, that excludes the committed OGRV payment of 4th and 5th installments i.e. 216.50 crores. Department of Expenditure has indicated that this amount of 216.50 crores will be made available in the second and third batch of Supplementary grants of FY 2012-13. The tentative distribution of indicative Plan funds of 194 crores is as follows:

1. Survey and mapping : 69.34 crores
2. Mineral Exploration : 25.00 crores
3. Spl. Investigation : 08.00 crores
4. R&D and Antarctica : 08.00 crores
5. Information Dissemination : 18.00 crores
6. HRD : 11.00 crores
7. Modernization : 46.90 crores
8. TSP & SCSP : 07.76 crores

However, the above will be grossly inadequate and additional sum of 86.00 crores will be needed to implement the field season programme for 2012-13 of GSI which is approved by the CGPB on 2nd and 3rd February 2012 and to achieve the target fixed in Section: 2.

As indicated in the examination of Demands of Grants for the year 2012 –13 Revised Physical Targets of Important Mission Components after reduction in outlay (194 crores) is as follows

SI.No	Mission/Component	Revised Targets 01.04.12 - 31.03.13 due to reduced outlay
01	Special Thematic Mapping	15,000 Sq.Km
02	Geochemical Mapping	46,000 Sq.Km
03	Geophysical Mapping	22,000 Sq.Km
04	Aerial Survey Multisensor/ Aeromagnetic Mapping	25,000 IKm + 10,000 IKm Heliborne

05	Bathymetry	5000 lkm
06	Systematic coverage within Territorial Water	1,700 sq. km
07	Large Scale Mapping	2,500 Sq.Km.
08	Detailed Mapping	40 Sq.km
09	Drilling	66,000 meter

2. All the 'Actions' of 'Objective 1: Earth Science Data Generation' of Section: 2 of the RFD of GSI 2012 –13 will be affected if the proposed fund asked in the 'Annual plan' for the year 2012 –13 has not been allotted to GSI. GSI will face serious financial crunch for taking up the operational expenditure particularly in Mission I (216 items) and II (128 items) where substantial items have been taken up for FY 2012-13 with enhanced targets in comparison to the last year.

3. Payment of the 4th &5th instalments for procurement of Ocean Going Research Vehicles will be dependent on timely placement of funds by the Planning Commission and the Ministry of Finance, as no provision therefor has been presently made in the financial year 2012-13.

4. Short listing of firm and commencement of Phase -III GSI portal project are conditional to the approval of the EFC and subject to availability of Plan fund by the Govt. Again it will put a serious impact on the implementation of Phase III Portal development -Online Core Business Integrated System (OCBIC) and on procurement modernisation items.

5. The approved Plan fund which is already stated above would not be adequate if the expenditure on account of projected activities proceed as per schedule. The augmentation of funds would be needed to bridge the gap between the allotment and already projected requirement, which has to be provided as mid Plan support. Enhanced support would be needed broadly for (i) Mission I and II programmes, (ii) implementation of Phase III Portal development - Online Core Business Integrated System (OCBIC) (iii) Modernisation equipments and (iii) expanded role of GSI as envisaged in the new National Mineral Policy (2008) and as recommended by Hoda Committee (2007) the High Powered Committee (2009) on the functioning of GSI.

6. Preparation of DPR of National Aeromagnetic Mapping project proposal will depend upon input from the designated expert committee comprising members from others departments / organisations.

Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 10/11	FY 11/12	FY 12/13	FY 13/14	FY 14/15
1 Facilitate exploration by mineral sector	MECL, State Governments of all mineral-bearing States	Large Scale Mapping (LSM) on 1: 25,000 to 10,000 scale	Sq Km	2424.83	1878.9	4100	4500	5000
2 Increase in resources of National Mineral Inventories	IBM, State Governments of all mineral-bearing States	Annual increment to National Mineral Inventory (for the FSs period ending 31 March 2012)	Date		31/12/2011	28/02/2013	28/02/2014	28/02/2015
3 Enable creation and dissemination of geo-spatial databases	Ministry of Environment and Forests and State Governments of all mineral bearing states	Spatial data	GB	30	35	40	45	50
4 Capacity Building in Geosciences	All organizations of the country related with Geosciences	Training Courses	Nos	53	95	70	75	75
5 Quality, peer reviewed – Reports of GSI		Peer review of 75% reports of F.S. 2010-12	Date			31/12/2012		