Mapping and GIS Needs Assessment Survey

1. Please indicate the type of work that you do: *(Please select the option most relevant to you)*

		Response Percent	Response Count
Student		1.4%	1
Hunter/trapper/fisher		1.4%	1
Political representative		0.0%	0
Administration/clerical		4.3%	3
Activist/advocate		0.0%	0
Manager/supervisor		17.4%	12
Professional (e.g. lawyer, geologist, economic development officer, accountant, etc.)		**21.7%**	15
Researcher		18.8%	13
Technician/technologist		14.5%	10
Other (please specify)		20.3%	14
	answered question		**69**
	skipped question		**1**
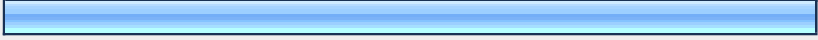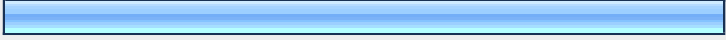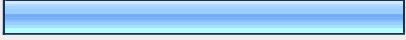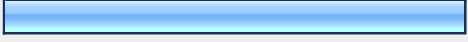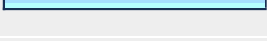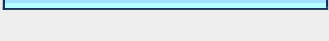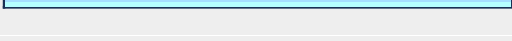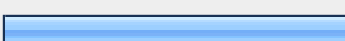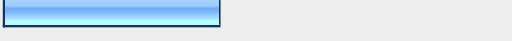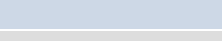
2. What type of organization do you currently work for?

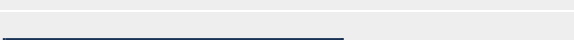|		Response Percent	Response Count
First Nation/Metis/Inuit community		19.0%	12
First Nation/Metis/Inuit government		**20.6%**	13
Non-Aboriginal government: federal, provincial, territorial or municipal		17.5%	11
Self-employed		1.6%	1
Private sector		6.3%	4
Non-profit sector		15.9%	10
College/university		15.9%	10
Not currently employed		3.2%	2
		answered question	**63**
		skipped question	**7**

3. How many people are employed in your department?
(enter number or N/A)

	Response Count
	57
answered question	**57**
skipped question	**13**
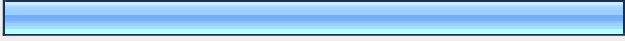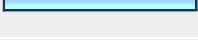
4. How many people are employed at your organization?
(enter number or N/A)

	Response Count
	56
answered question	**56**
skipped question	**14**

5. Does your organization work with any of the following issues?
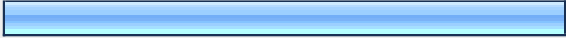*(Check all that apply)*
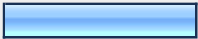
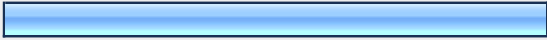|		Response Percent	Response Count
Lands and Resources (land, water, wildlife, etc.)		**89.8%**	53
Environmental Monitoring		79.7%	47
Protection Office (environment and/or cultural)		44.1%	26
Consultation/Referrals		50.8%	30
Capital Works		28.8%	17
Treaty Land Entitlement/Land Claims		35.6%	21
Historical/Cultural Research		55.9%	33
Planning		62.7%	37
Housing		37.3%	22
Technical Services		55.9%	33
Other (please specify)		23.7%	14
		answered question	59
		skipped question	11

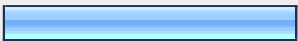**6. Does your organization currently use GIS for some of its work?**

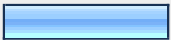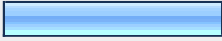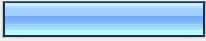|		Response Percent	Response Count
Yes		**68.4%**	39
No		21.1%	12
Don't know		10.5%	6
		answered question	57
		skipped question	13

7. If yes, how are you currently using GIS?

	Response Count
	57
answered question	**57**
skipped question	**13**

8. If yes, does your organization currently contract GIS services from outside of your organization?

		Response Percent	Response Count
Yes		21.1%	12
No		**78.9%**	45
	answered question		**57**
	skipped question		**13**
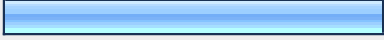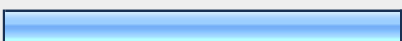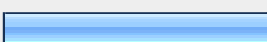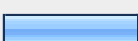
9. Has your organization established a GIS office/department?

		Response Percent	Response Count
Yes		38.2%	21
No		**61.8%**	34
	answered question		**55**
	skipped question		**15**

10. If yes, is your GIS office/department still operational?

		Response Percent	Response Count
Yes, on a daily basis		27.3%	15
Yes, but only when we need it		12.7%	7
No		**60.0%**	33
	answered question		**55**
	skipped question		**15**

11. If you have an existing GIS office/department, what software are you using for managing your GIS?
(Check all that apply)

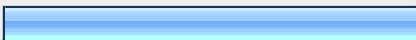|		Response Percent	Response Count
NOT APPLICABLE		32.0%	16
AutoCAD (Map 3D, MapGuide, Raster Design, GIS Design Server)		18.0%	9
CARIS GIS		0.0%	0
CyberTracker		0.0%	0
ESRI ArcGIS (ArcInfo) 8.x or 9.x		24.0%	12
ESRI ArcGIS (ArcView) 8.x or 9.x		32.0%	16
ESRI ArcView 3.x		22.0%	11
GoogleEarth		**38.0%**	19
Intergraph (GeoMedia, GeoMedia Web Map, GeoMedia Viewer)		2.0%	1
Landscape Values Institute (Descriptive Mapping, Hotspot Mapping, Values Compatibility Modeling, Distance Analysis, Community Mapping)		2.0%	1
Manifold System GIS		0.0%	0
Map Maker		4.0%	2
MapInfo		10.0%	5
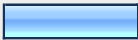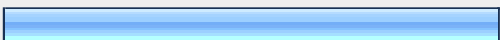
		Response Percent	Response Count
OpenJUMP		0.0%	0
PCI Geomatics (Geomatica)		4.0%	2
Other (please specify)		22.0%	11
	answered question		**50**
	skipped question		**20**
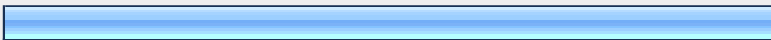
12. Your organization may or may not have an established GIS department/office. However, does your organization have any of the following supplies or hardware?
(Check all that apply)

		Response Percent	Response Count
NOT APPLICABLE		23.6%	13
Server Computer (in addition to a desktop computer with GIS software)		56.4%	31
Plotter (for large wall maps)		41.8%	23
Rolls of paper for the plotter		40.0%	22
Rolls of mylar (clear acetate) for the plotter		10.9%	6
Replacement inks for plotter		30.9%	17
Printer		**61.8%**	34
Replacement inks for printer		45.5%	25
GPS unit(s)		43.6%	24
Palm-type device		29.1%	16
Other (please specify)		14.5%	8
	answered question		**55**
	skipped question		**15**

13. If you do not have an existing GIS office/department, what things may be preventing you from using GIS?
(Check all that apply)
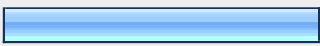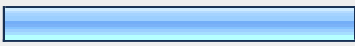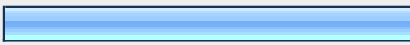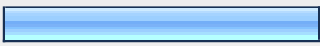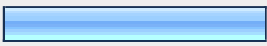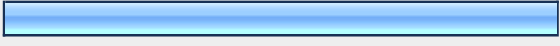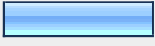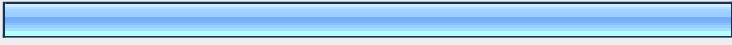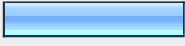
		Response Percent	Response Count
NOT APPLICABLE		36.4%	20
Lack of understanding the potential of what GIS may provide		29.1%	16
Lack of trained people		47.3%	26
Hard to attract and retain personnel		14.5%	8
Don't know methods or best practices for GIS / mapping		25.5%	14
Cost of software and hardware		41.8%	23
Hard to obtain technical support		20.0%	11
Lack of funding		**54.5%**	30
Not enough work to support a GIS office		7.3%	4
Someone outside of the organization is currently providing GIS services		9.1%	5
Remoteness of community to have equipment delivered		5.5%	3
Not a priority		9.1%	5
No reason		1.8%	1
Other (please specify)		5.5%	3
	answered question		55
	skipped question		15

14. Is there interest within your organization to build or enhance GIS capacity in its employees?

		Response Percent	Response Count
Yes		84.9%	45
No		15.1%	8
	answered question		53
	skipped question		17
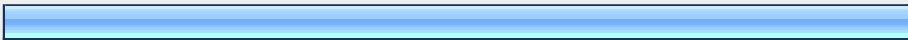
15. Do you think that GIS could positively contribute to the work of your organization?

		Response Percent	Response Count
Yes		96.2%	51
No		3.8%	2
	answered question		53
	skipped question		17

16. If your organization does not have a GIS department and wants to have this in the future, how would like to use GIS?

		Response Count
		27
	answered question	27
	skipped question	43
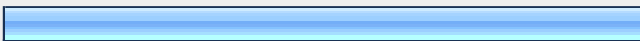
17. In what areas do you or First Nations require more information?

		Response Percent	Response Count
Methods for applying mapping/GIS technologies		34.7%	17
Access to digital data sources		38.8%	19
How to fund a GIS office		44.9%	22
Where to get training		34.7%	17
Where upcoming conferences or workshops are taking place		28.6%	14
Who else is using mapping/GIS technologies?		22.4%	11
All of the Above		**61.2%**	30
Other (please specify)		16.3%	8
	answered question		49
	skipped question		21

18. Are you interested in learning more about CIER's new mapping and GIS office?

		Response Percent	Response Count
Yes		**80.4%**	41
No		19.6%	10
	answered question		51
	skipped question		19
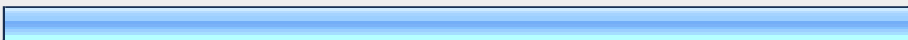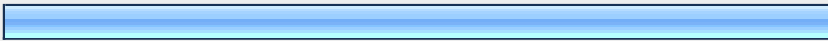
19. If yes, please provide your name, phone number and/or e-mail:

		Response Percent	Response Count
Name		**100.0%**	40
Phone		90.0%	36
E-mail		97.5%	39
	answered question		40
	skipped question		30

20. Do you think your organization would be interested in <u>working with CIER</u> to develop mapping and GIS capacity within your community?

		Response Percent	Response Count
Yes		**70.6%**	36
No		29.4%	15
	answered question		51
	skipped question		19

21. If yes, please provide your name, phone number and/or e-mail:

		Response Percent	Response Count
Name		**100.0%**	34
Phone		91.2%	31
E-mail		91.2%	31
	answered question		34
	skipped question		36

22. Additional comments:

	Response Count
	13
answered question	13
skipped question	57