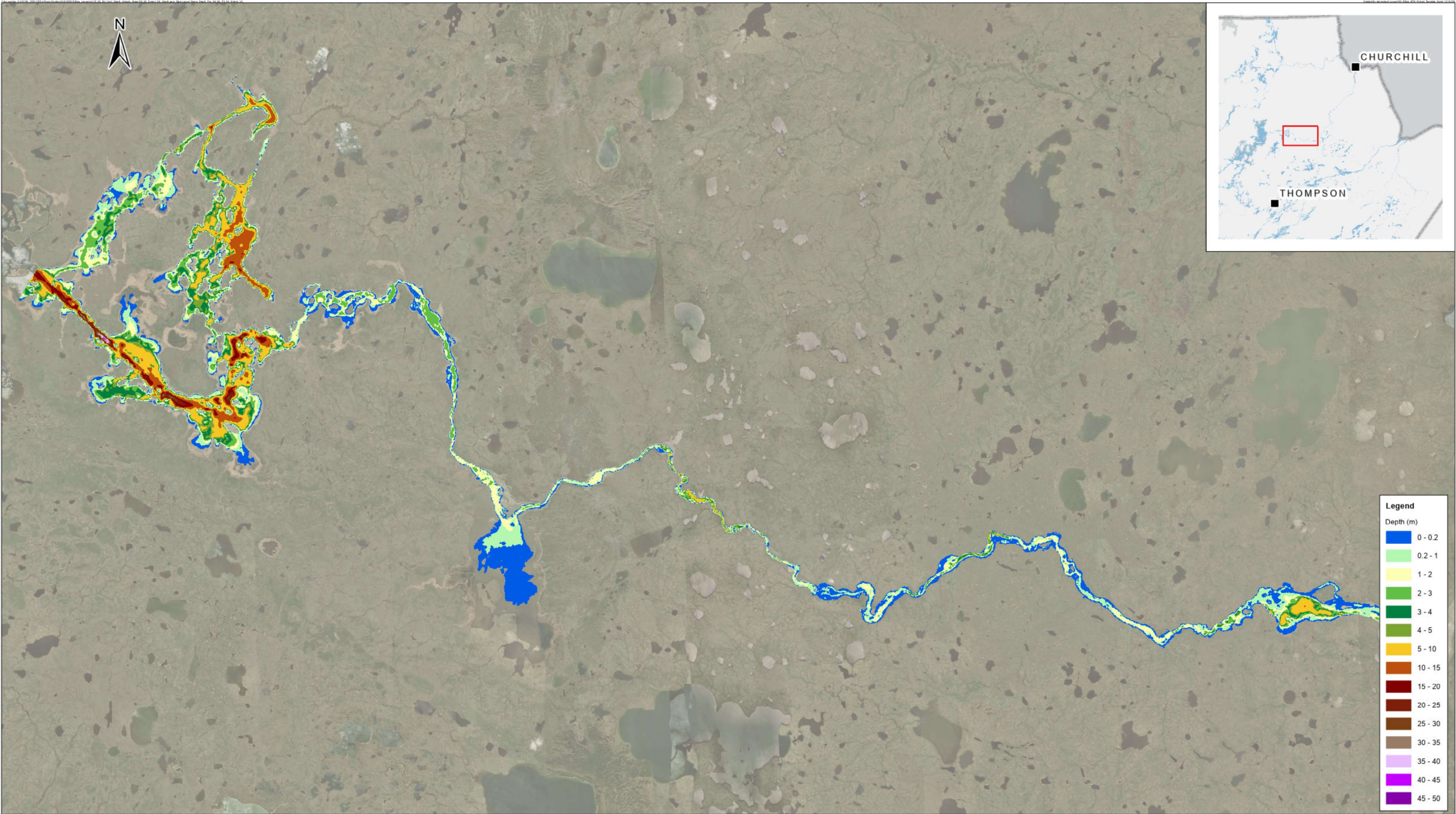






DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: AroGIS Map Service 2023 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM: WGS 1984 UTM Zone 14N

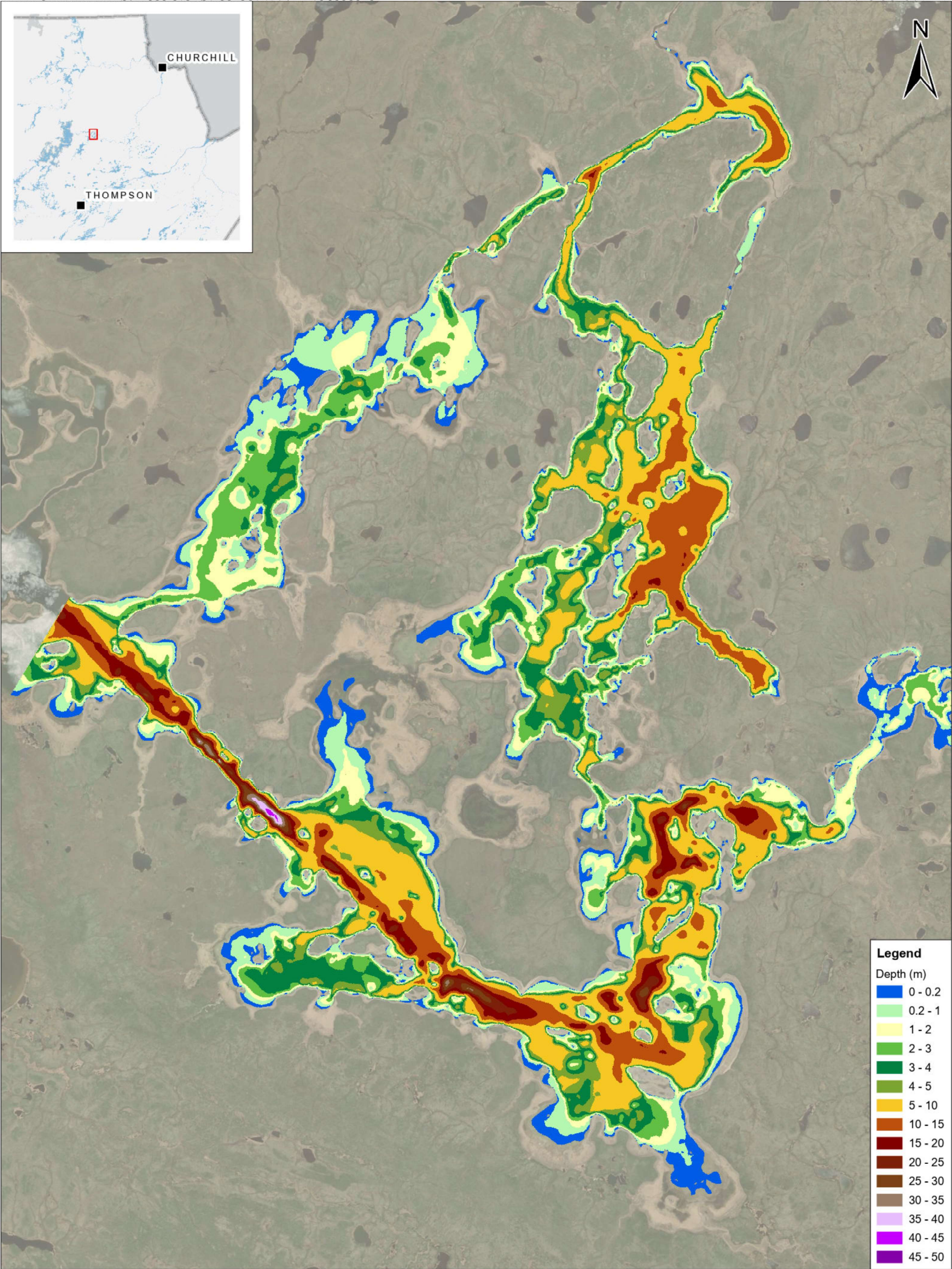
DATE CREATED: 28-May-26

REVISION DATE: 28-JUL-26

0 5 10 Kilometers
0 3.5 7 Miles

VERSION NO:
DAGC:

Northern Indian Lake to Billard Lake
Depth
5th Percentile
54 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.8 1.6 Kilometers
0 0.8 1.6 Miles

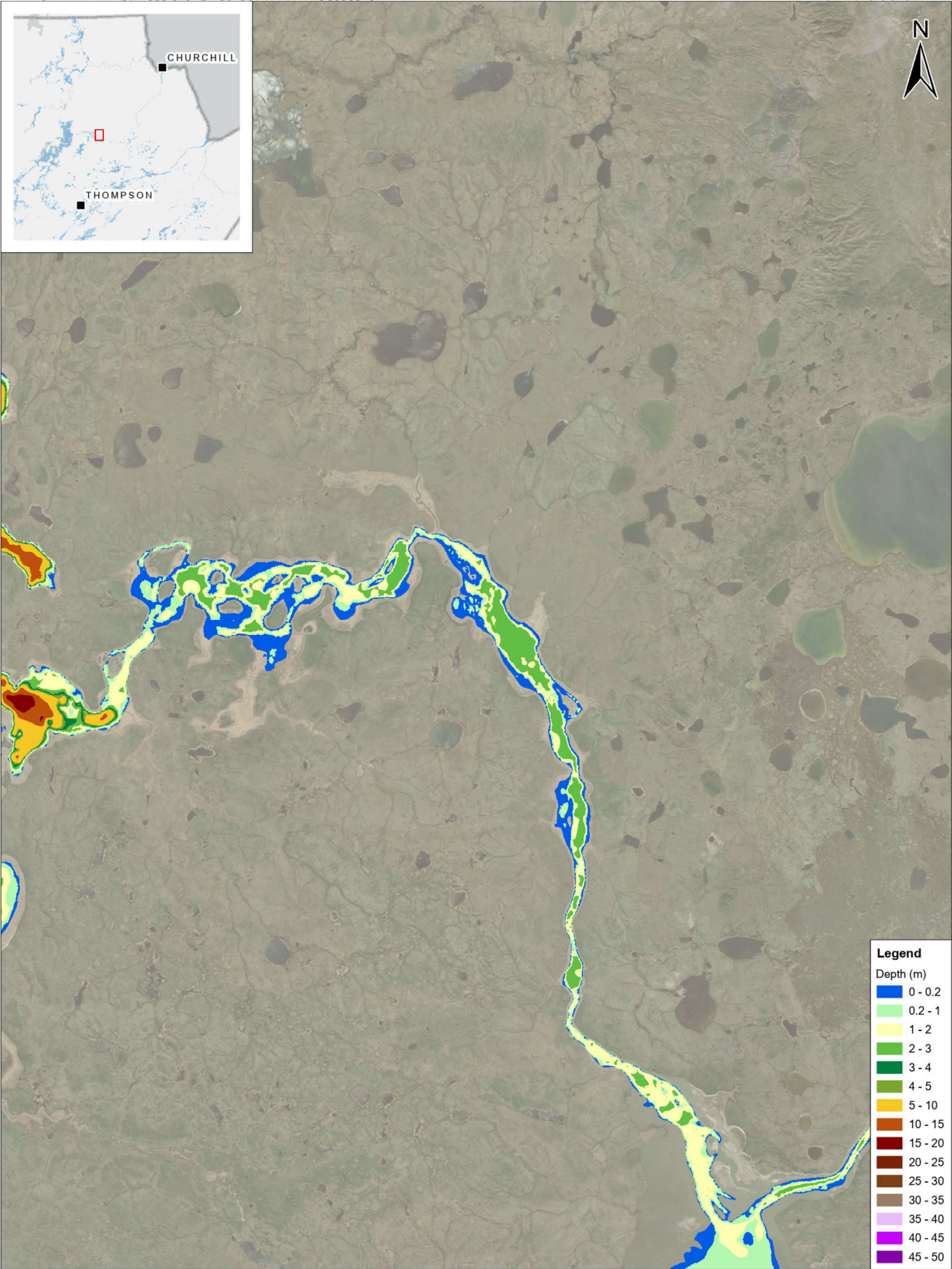
DATE CREATED:
28-May-26

REVISION DATE:
27-JUL-26

VERSION NO:

QA/QC:

Northern Indian Lake
Depth
5th Percentile
54 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
27-JUL-26

00.851.7 Kilometers

00.81.6 Miles

VERSION NO:

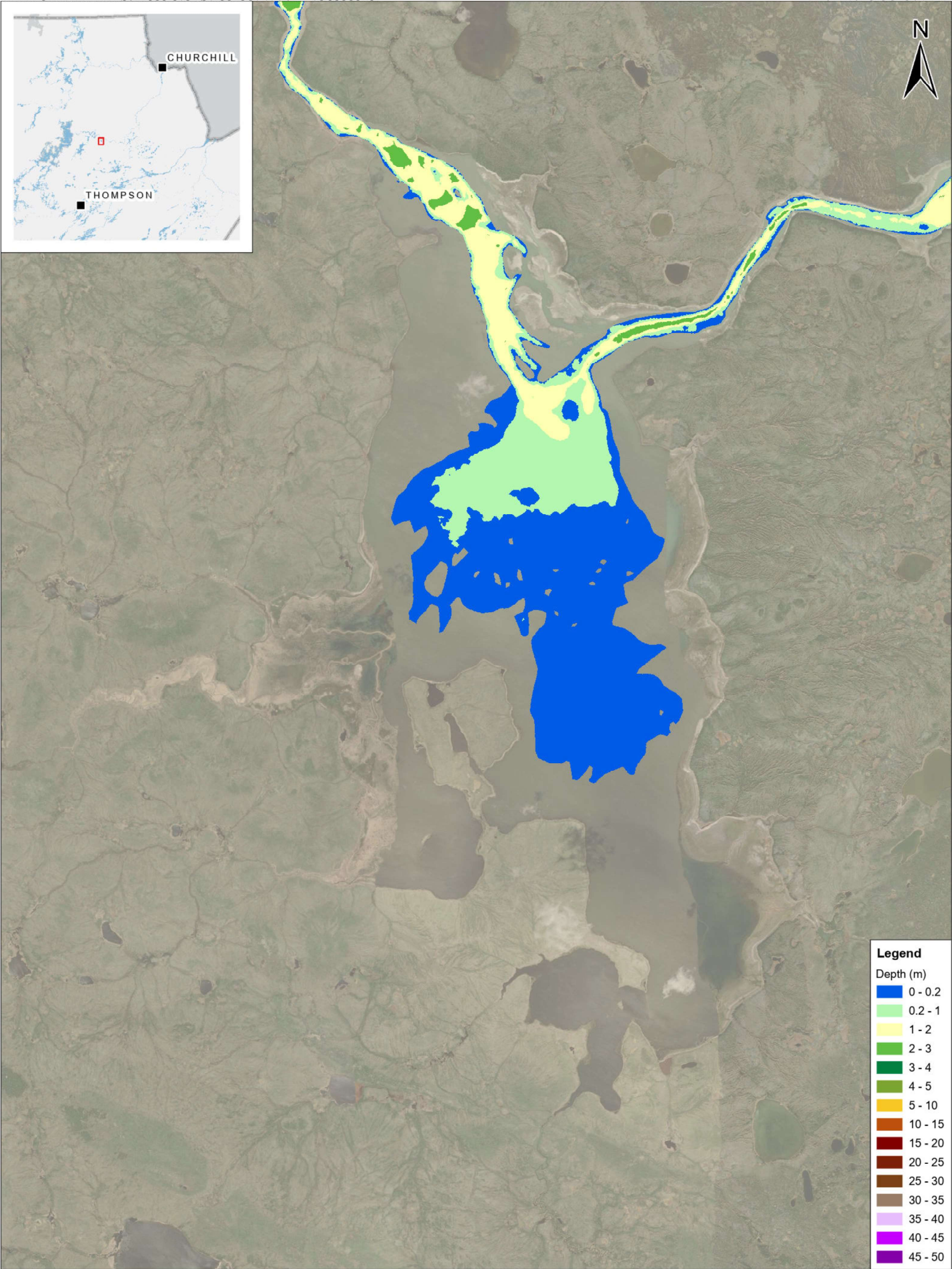
QA/QC:

Northern Indian Lake to Fidler Lake

Depth

5th Percentile

54 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
27-JUL-26

00.551.1 Kilometers

00.51 Miles

VERSION NO:
QA/QC:

Fidler Lake
Depth
5th Percentile
54 m³/s

M1-WD-P5-FL



DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: AroGIS Map Service 2023 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM: WGS 1984 UTM Zone 14N

0 2.5 5 Kilometers
0 2 4 Miles

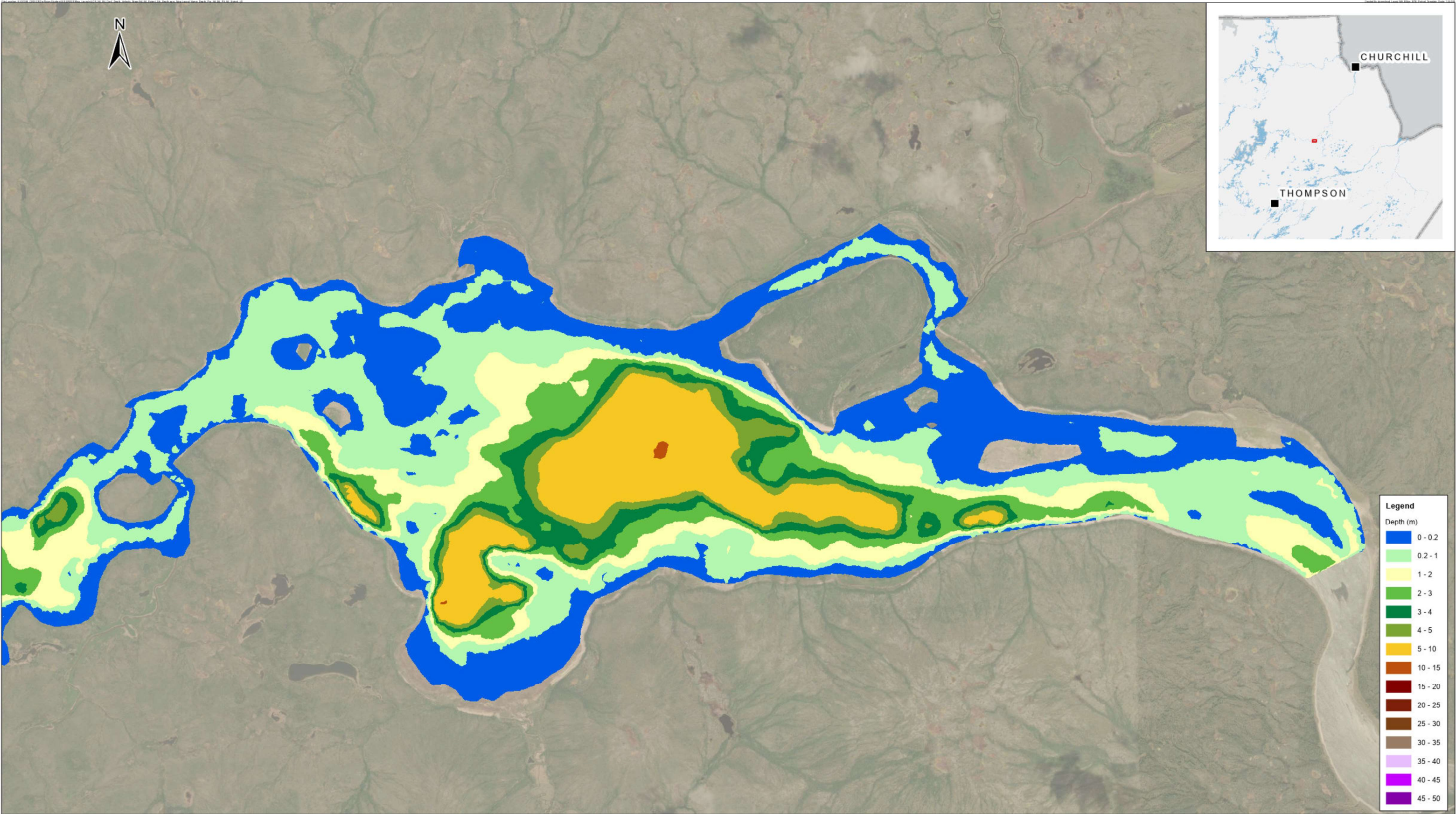
DATE CREATED: 28-May-26

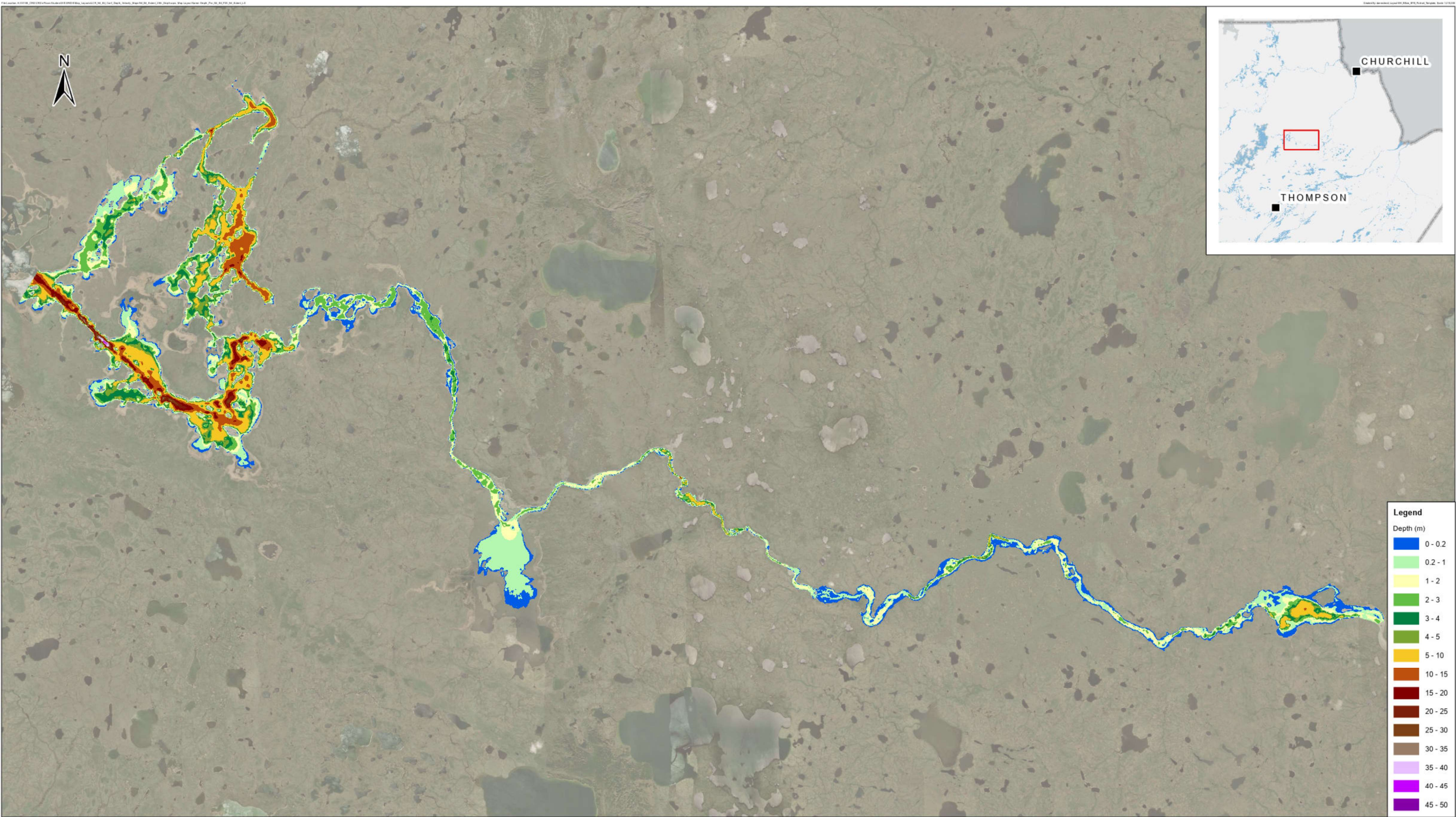
REVISION DATE: 27-JUL-26

VERSION NO:

DWG:

Fidler to Billard Lake
Depth
5th Percentile
54 m³/s







DATA SOURCE:
Modeling Data: Manitoba Hydro - Hydraulic Modeling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 5 10 Kilometers

0 4 8 Miles

DATE CREATED:
28-May-26

REVISION DATE:
28-JUL-26

VERSION NO:
1.0

QA/QC:
1.0

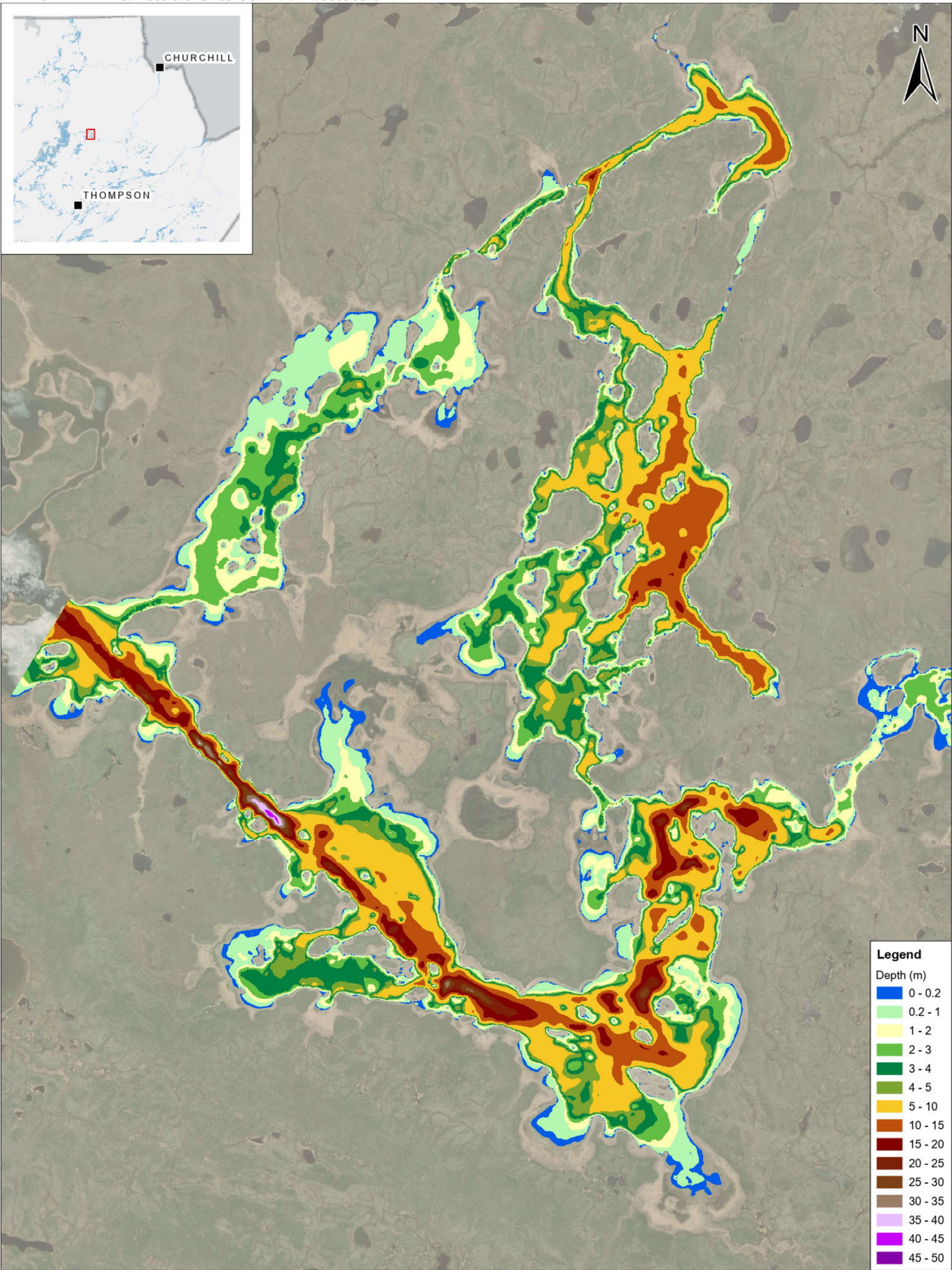
Northern Indian Lake to Billard Lake

Depth

25th Percentile

100 m³/s

M1-V-P25-ALL





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
23-JUL-26

0 0.8 1.6 Kilometers

0 0.8 1.6 Miles

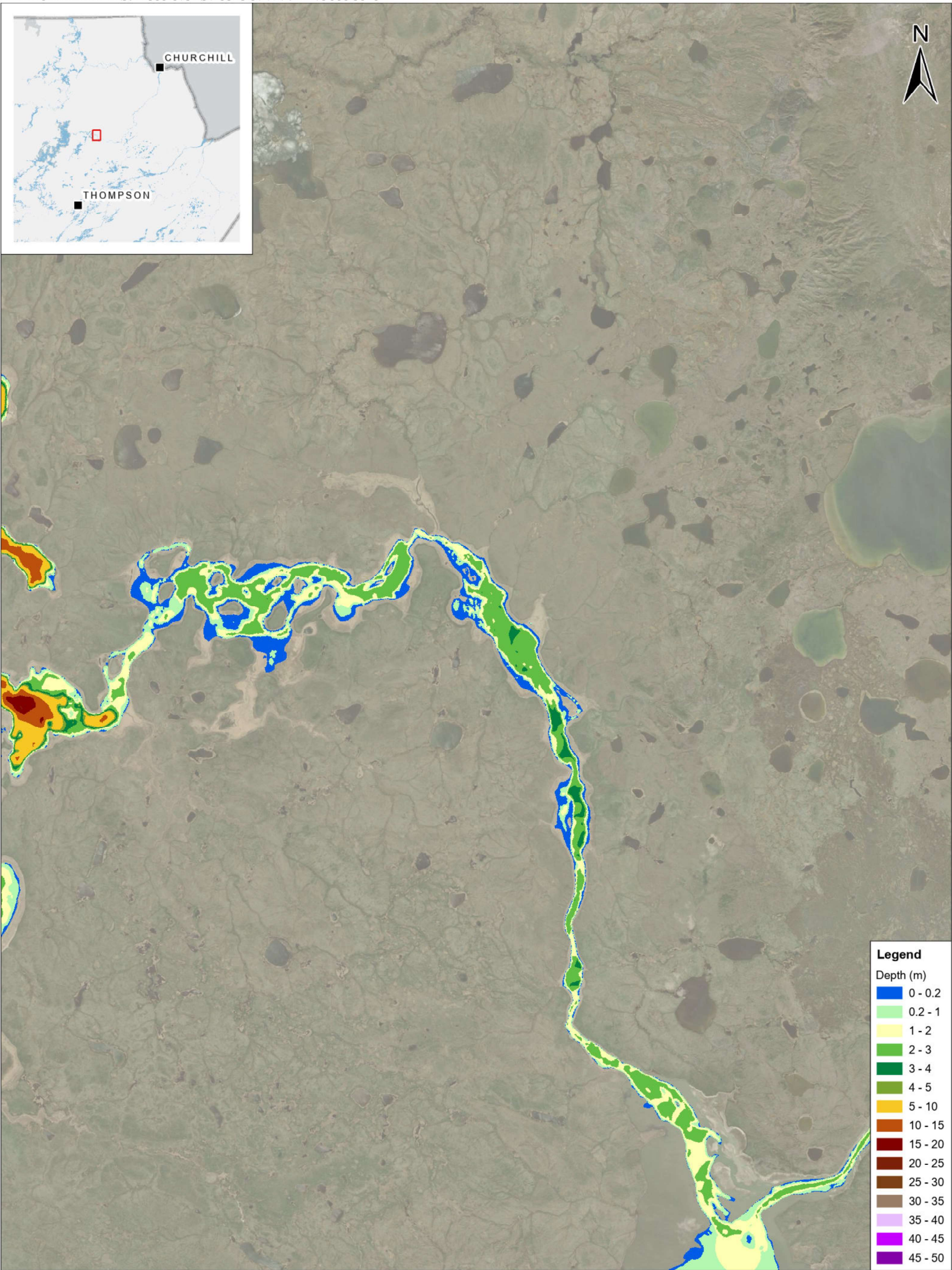
VERSION NO:
QA/QC:

Northern Indian Lake

Depth

25th Percentile

100 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.85 1.7 Kilometers
0 0.8 1.6 Miles

DATE CREATED:
28-May-26

REVISION DATE:
23-JUL-26

VERSION NO:

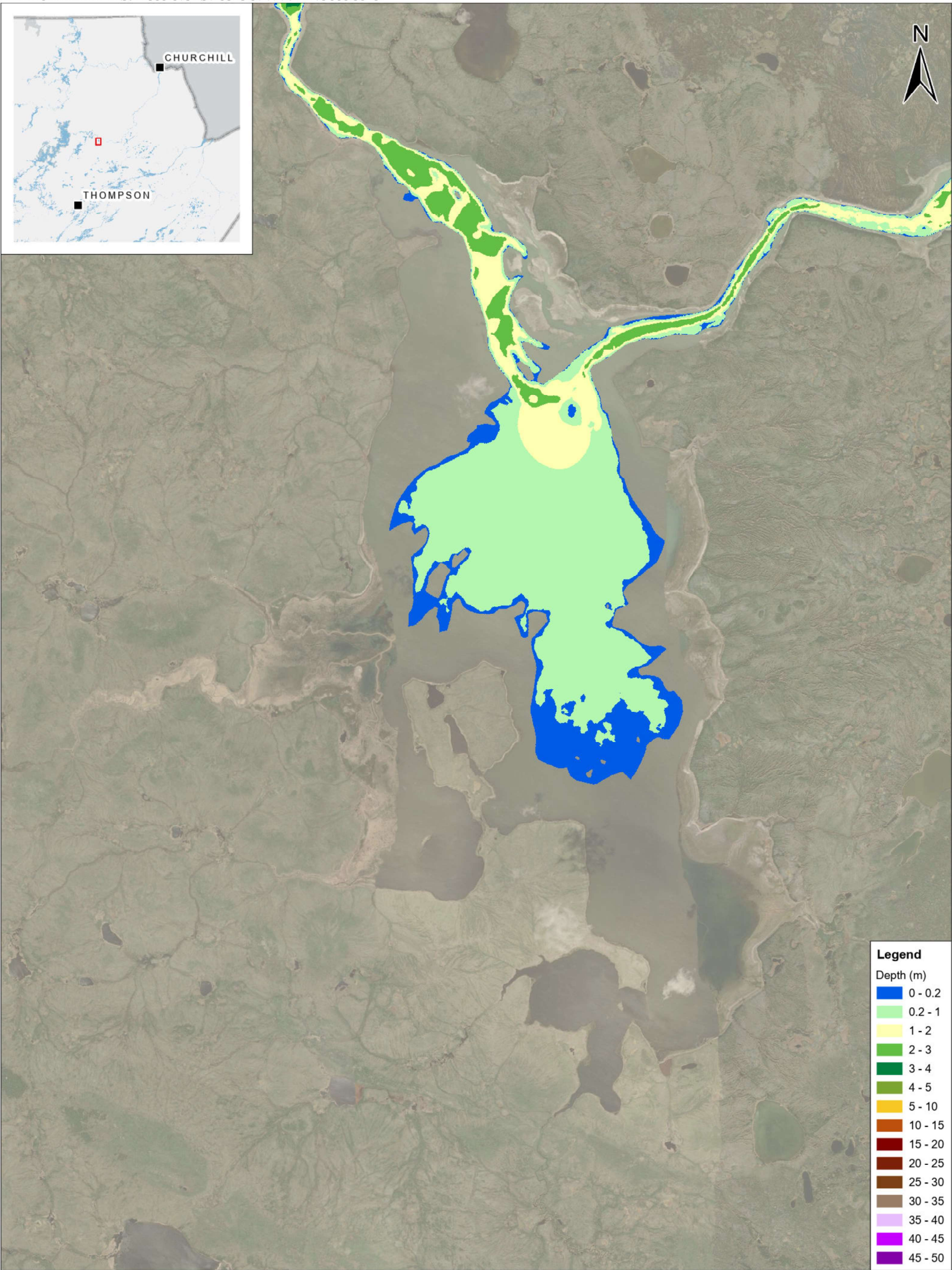
QA/QC:

Northern Indian Lake to Fidler Lake

Depth

25th Percentile

100 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.55 1.1 Kilometers
0 0.5 1 Miles

DATE CREATED:
28-May-26

REVISION DATE:
23-JUL-26

VERSION NO:

QA/QC:

Fidler Lake

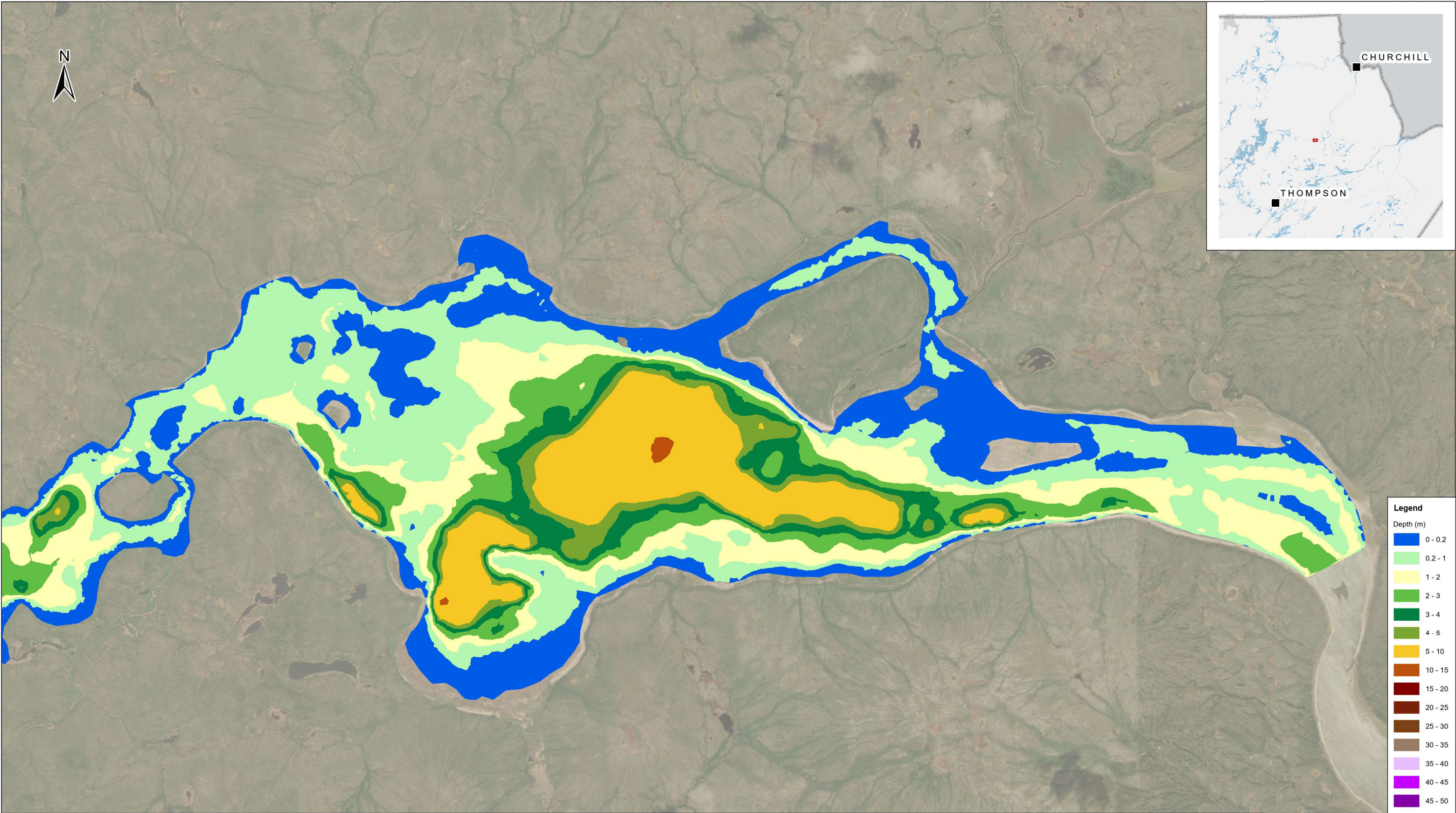
Depth

25th Percentile

100 m³/s

File Location: K:\00188_082010 of New Studies\GIS\PROJECTS\Map_Layers\CR_NL_BI_Conf_Depth_Velocity_Maps\BL_Schem_25th_Depth.aprx Map Label Name: Depth_Pct_NL_BI_P25_NL_Schem.L35

Created By: rmpmrcs Layout: BL_Schem_25th_Depth.aprx, Version: 124.000





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.55 1.1 Kilometers
0 0.45 0.9 Miles

DATE CREATED:
28-May-26

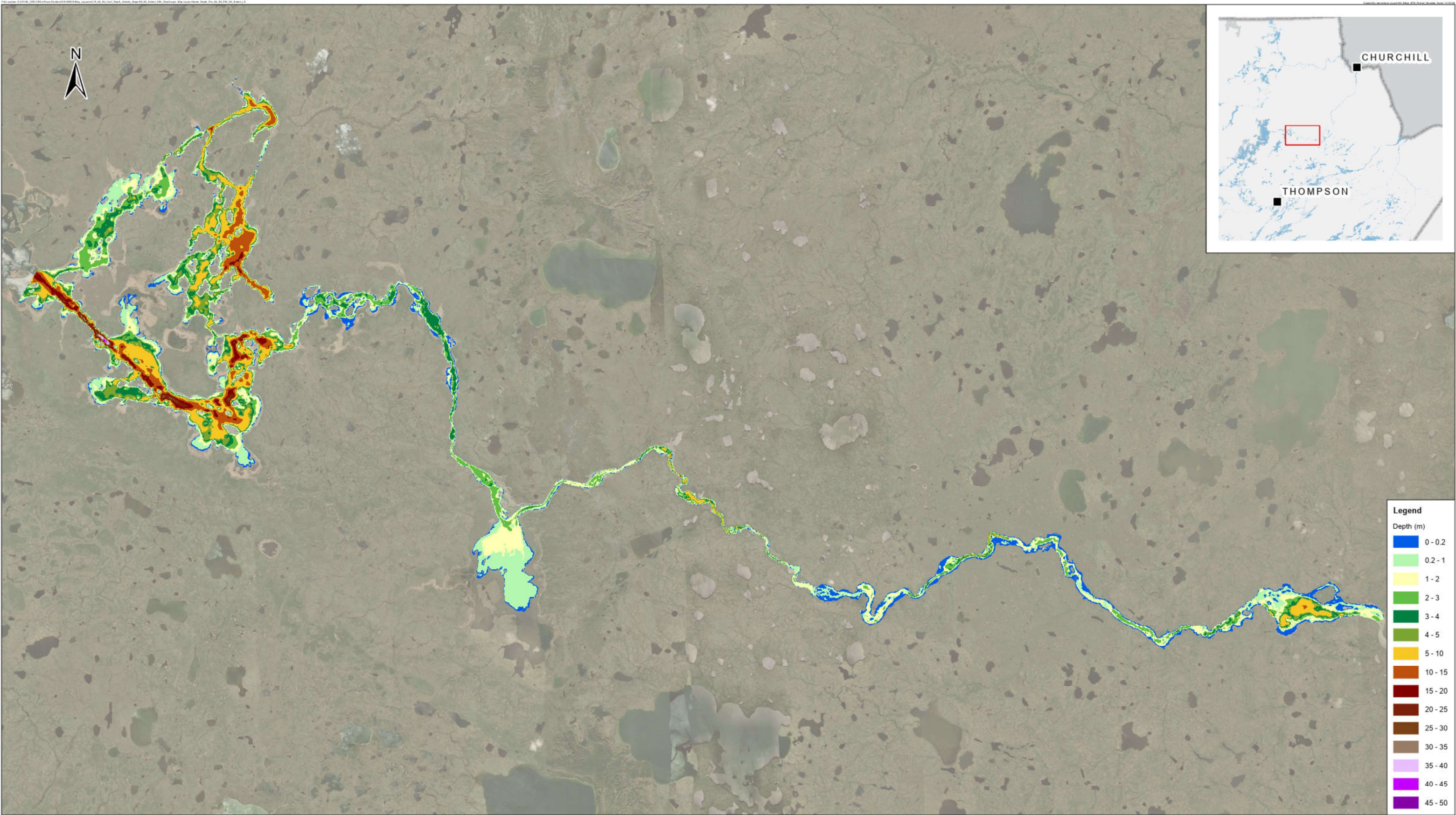
VERSION NO:

REVISION DATE:
16-JUL-26

QA/QC:

Billard Lake
Depth
25th Percentile
100 m³/s

M1-V-P25-BL





DATA SOURCE:
Source:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
28-JUL-26

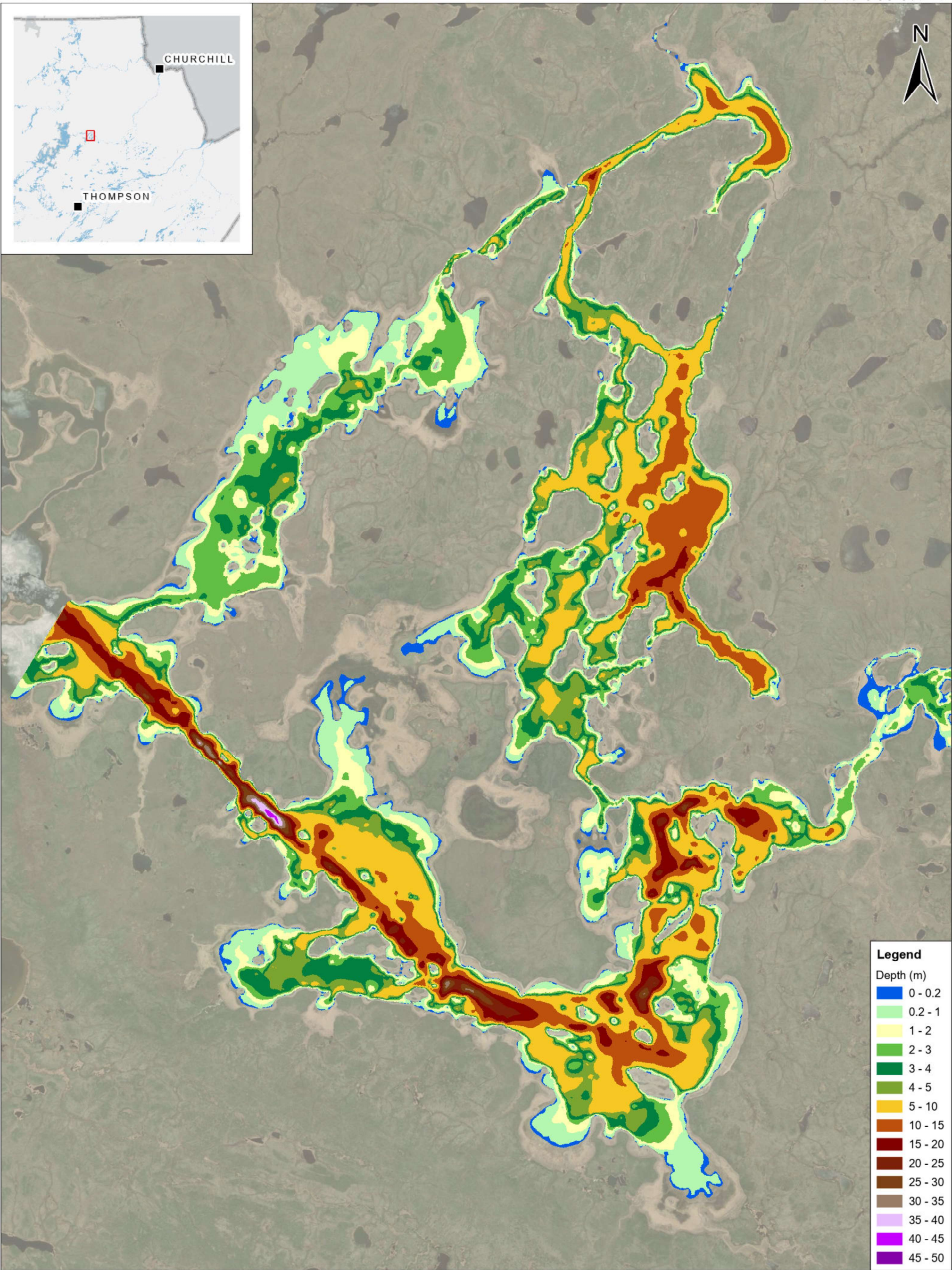
VERSION NO.:

QA/QC:

010 Kilometers

0 4 8 Miles

Northern Indian Lake to Billard Lake
Depth
50th Percentile
164 m³/s





DATA SOURCE:
Source:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

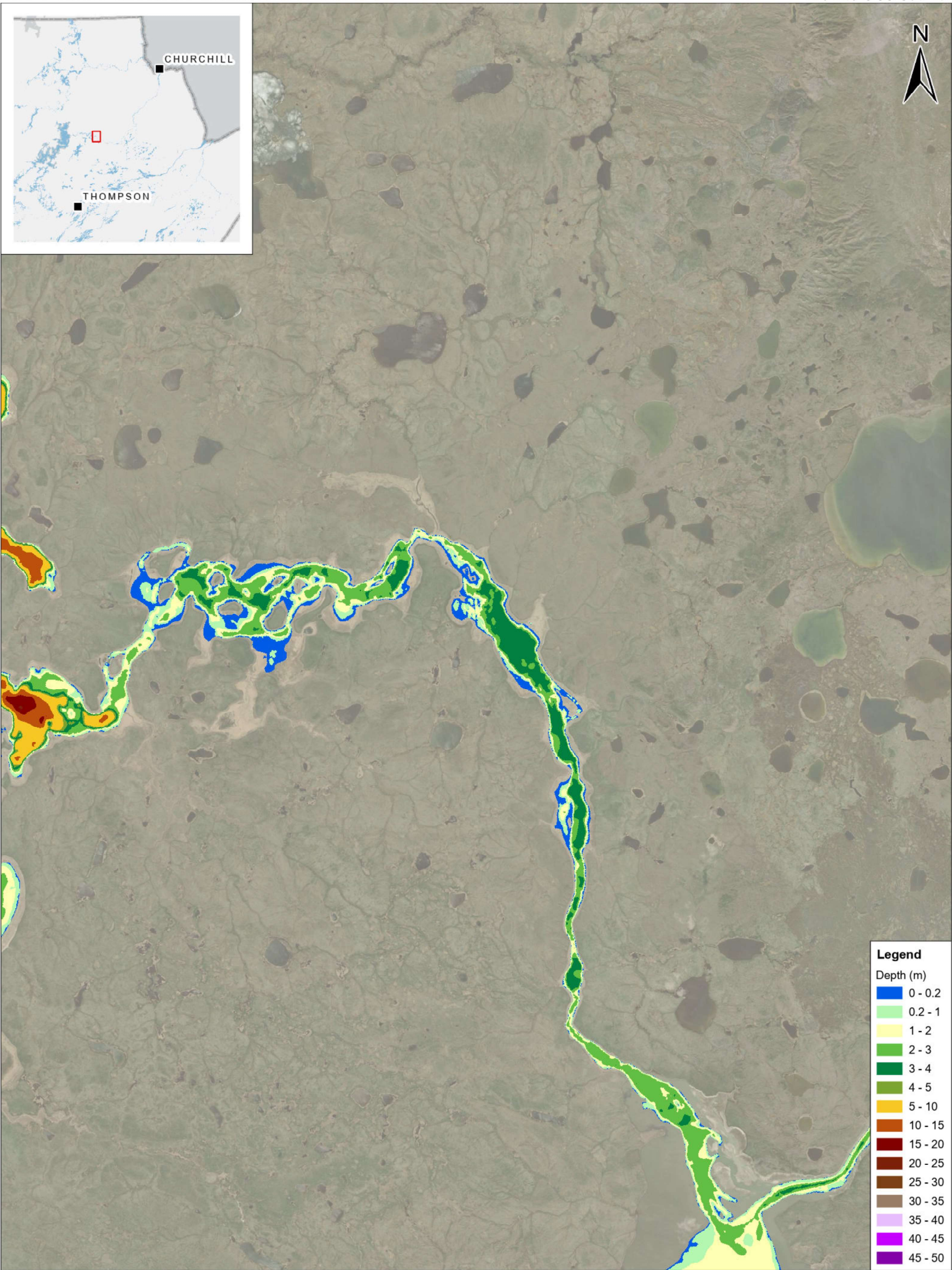
0 0.8 1.6 Kilometers

0 0.8 1.6 Miles

VERSION NO:

QA/QC:

Northern Indian Lake
Depth
50th Percentile
164 m³/s





DATA SOURCE:
Source:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

0 0.85 1.7 Kilometers

0 0.8 1.6 Miles

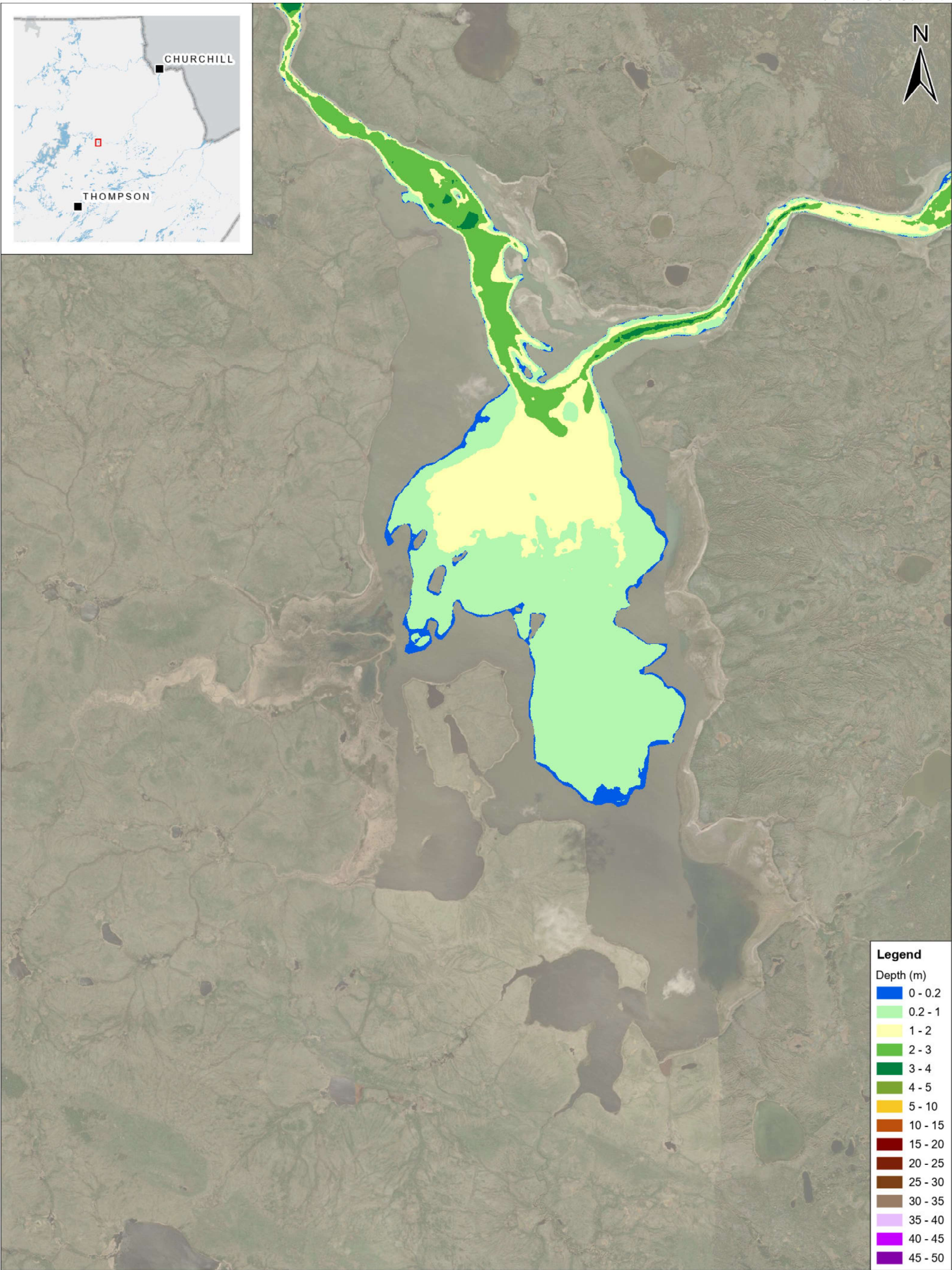
VERSION NO:
QA/QC:

Northern Indian Lake to Fidler Lake

Depth

50th Percentile

164 m³/s





DATA SOURCE:
Source:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

0 0.55 1.1 Kilometers

0 0.5 1 Miles

VERSION NO:
QA/QC:

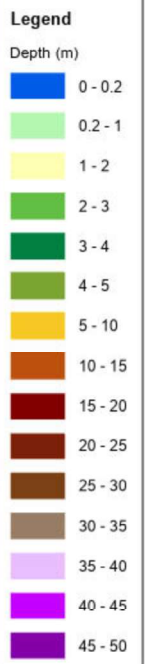
Fidler Lake

Depth

50th Percentile

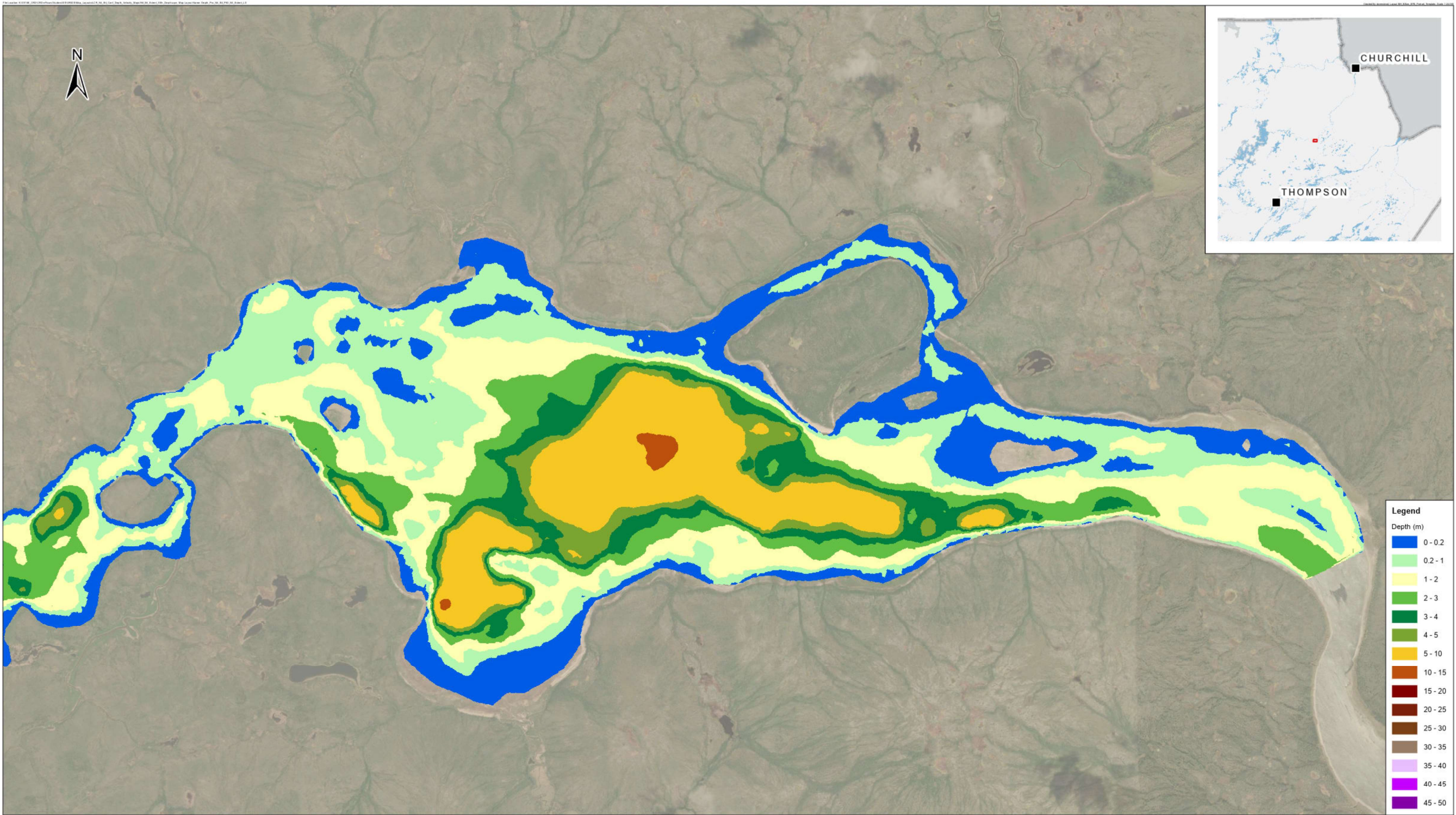
164 m³/s

M1-WD-P50-FL



DATA SOURCE: Source: Modeling Data: Manitoba Hydro - Hydraulic Modeling Basemap: ArcGIS Map Service 2025 06 16			
CREATED BY: Energy Operations and Water Planning			
COORDINATE SYSTEM: WGS 1984 UTM Zone 14N		DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
0 2.5 5 Kilometers 0 2 4 Miles		VERSION NO.:	QA/QC:

Fidler to Billard Lake
Depth
50th Percentile
164 m³/s



DATA SOURCE:
Source:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:

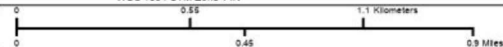
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

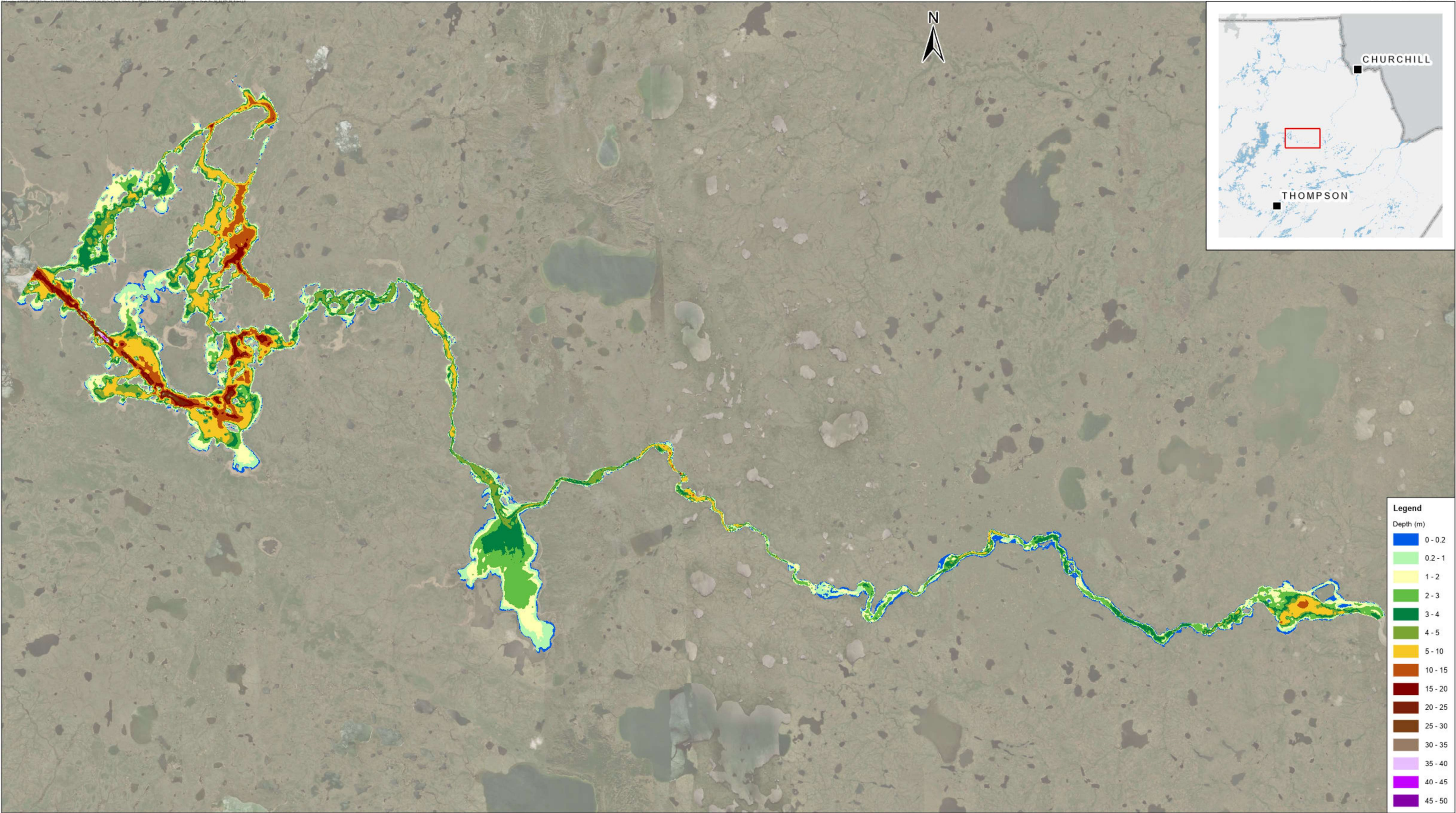
VERSION NO.:

GAOC:



Billard Lake
Depth
50th Percentile
164 m³/s

M1-WD-P50-BL





DATA SOURCE:
Modeling Data: Manitoba Hydro - Hydraulic Modeling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0510

0510

10 Kilometers

0510

0510

8 Miles

DATE CREATED:
28-May-25

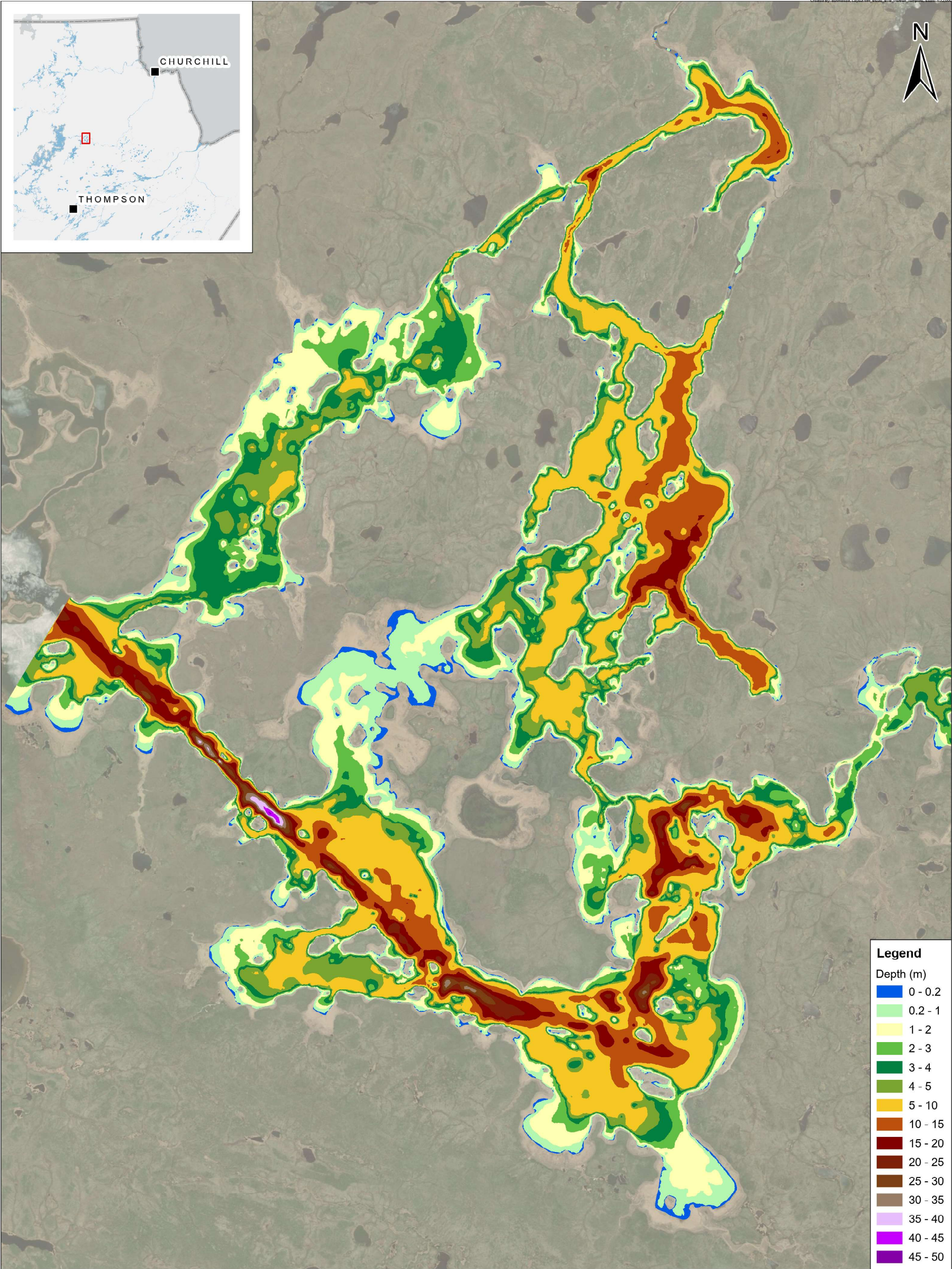
REVISION DATE:
24-JUL-25

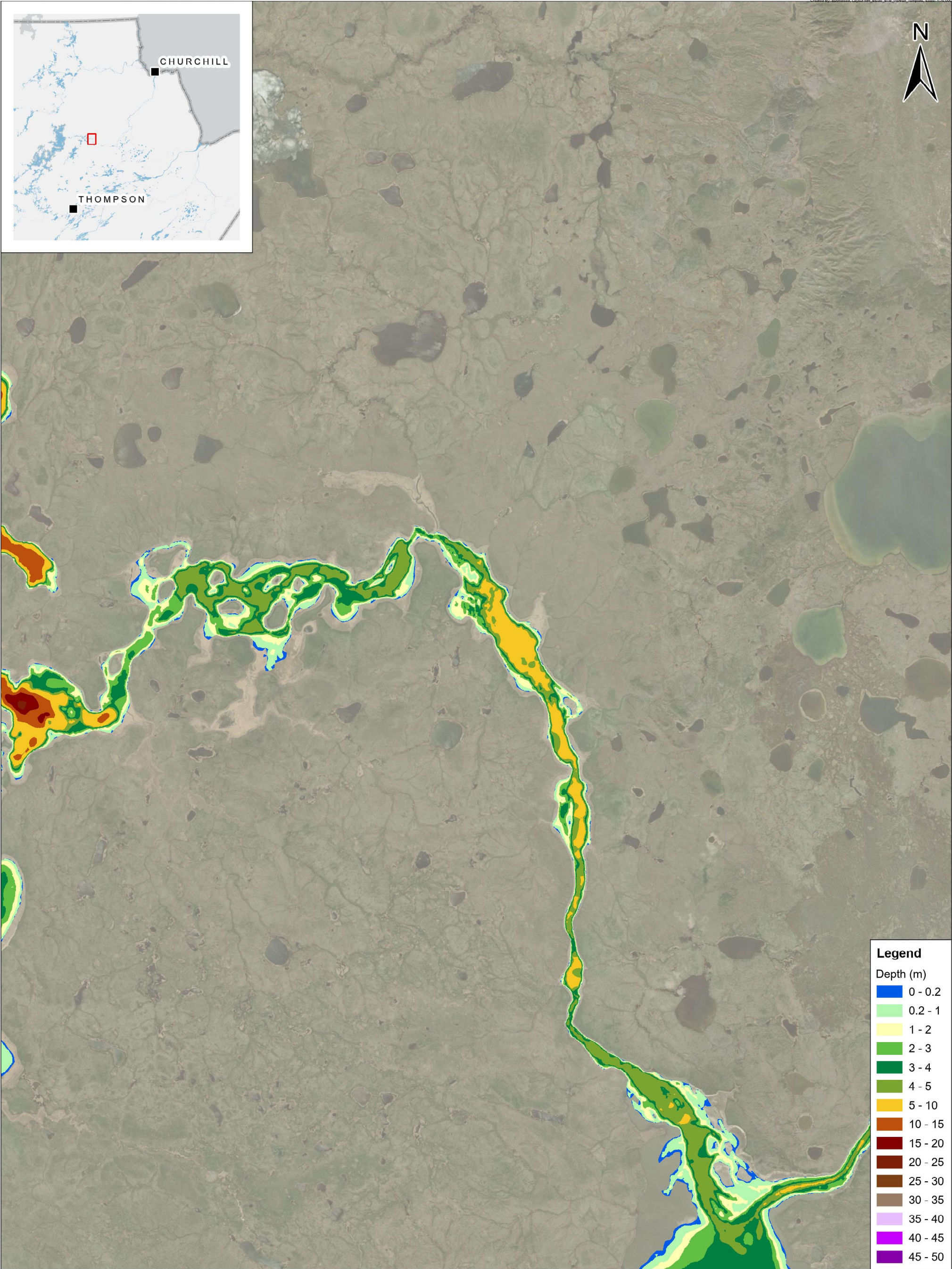
VERSION NO:
1.0

QA/QC:
1.0

Northern Indian Lake to Billard Lake
Depth
75th Percentile
519 m³/s

M1-WD-P75-ALL







DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.85 1.7 Kilometers
0 0.8 1.6 Miles

DATE CREATED:
28-May-26

REVISION DATE:
16-JUL-26

VERSION NO:

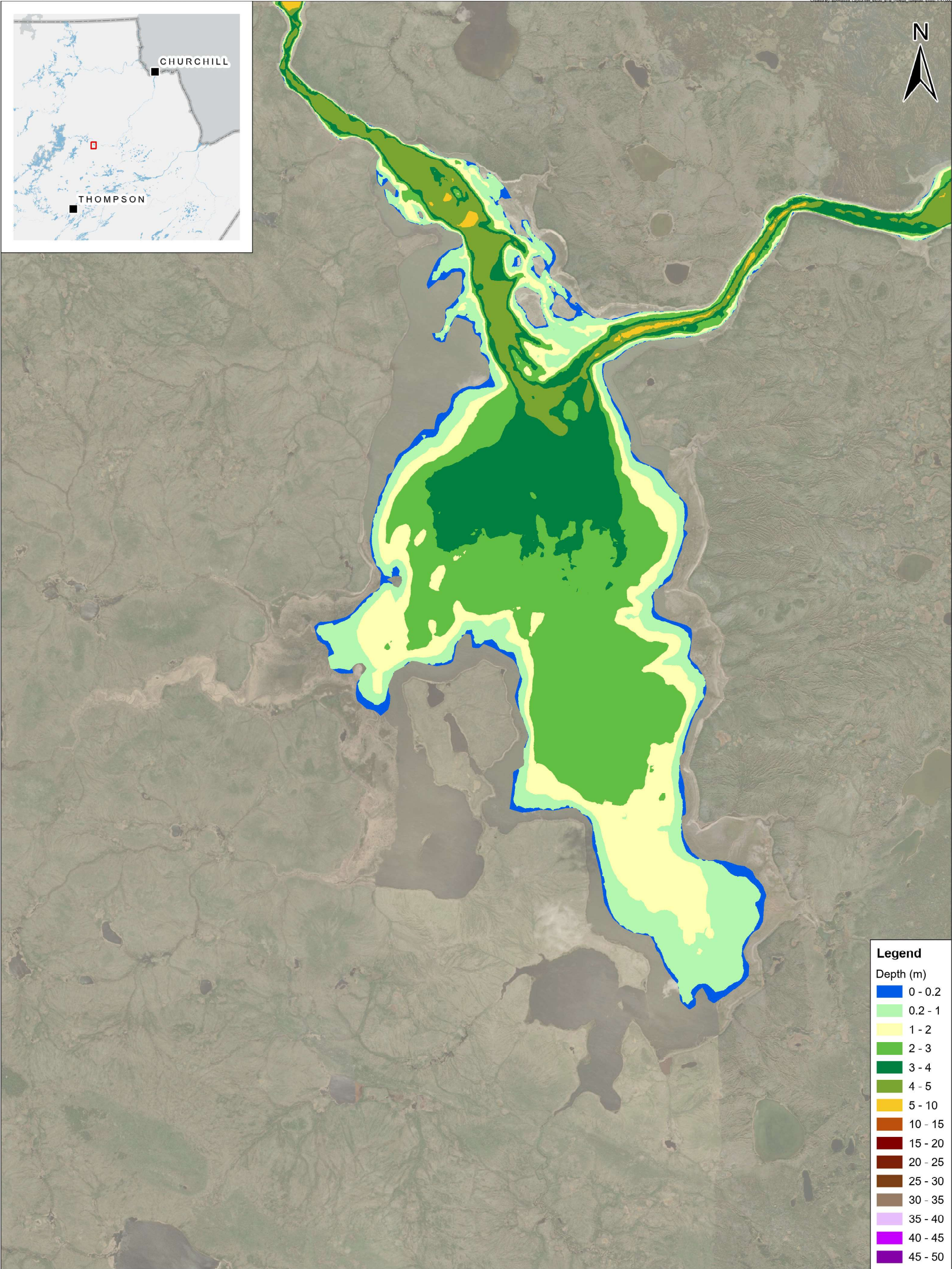
QA/QC:

Northern Indian Lake to Fidler Lake

Depth

75th Percentile

519 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.55 1.1 Kilometers
0 0.5 1 Miles

DATE CREATED:
28-May-26

REVISION DATE:
16-JUL-26

VERSION NO:

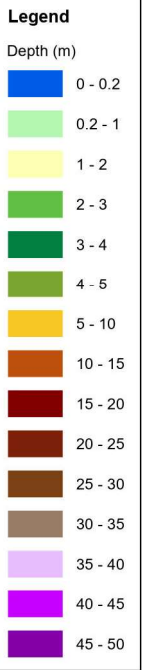
QA/QC:

Fidler Lake

Depth

75th Percentile

519 m³/s



DATA SOURCE: Modelling Data: Manitoba Hydro - Hydraulic Modelling Basemap: ArcGIS Map Service 2025 06 16			
CREATED BY: Energy Operations and Water Planning			
COORDINATE SYSTEM: WGS 1984 UTM Zone 14N		DATE CREATED: 28-May-26	REVISION DATED: 16-JUL-26
		VERSION NO:	QA/QC:

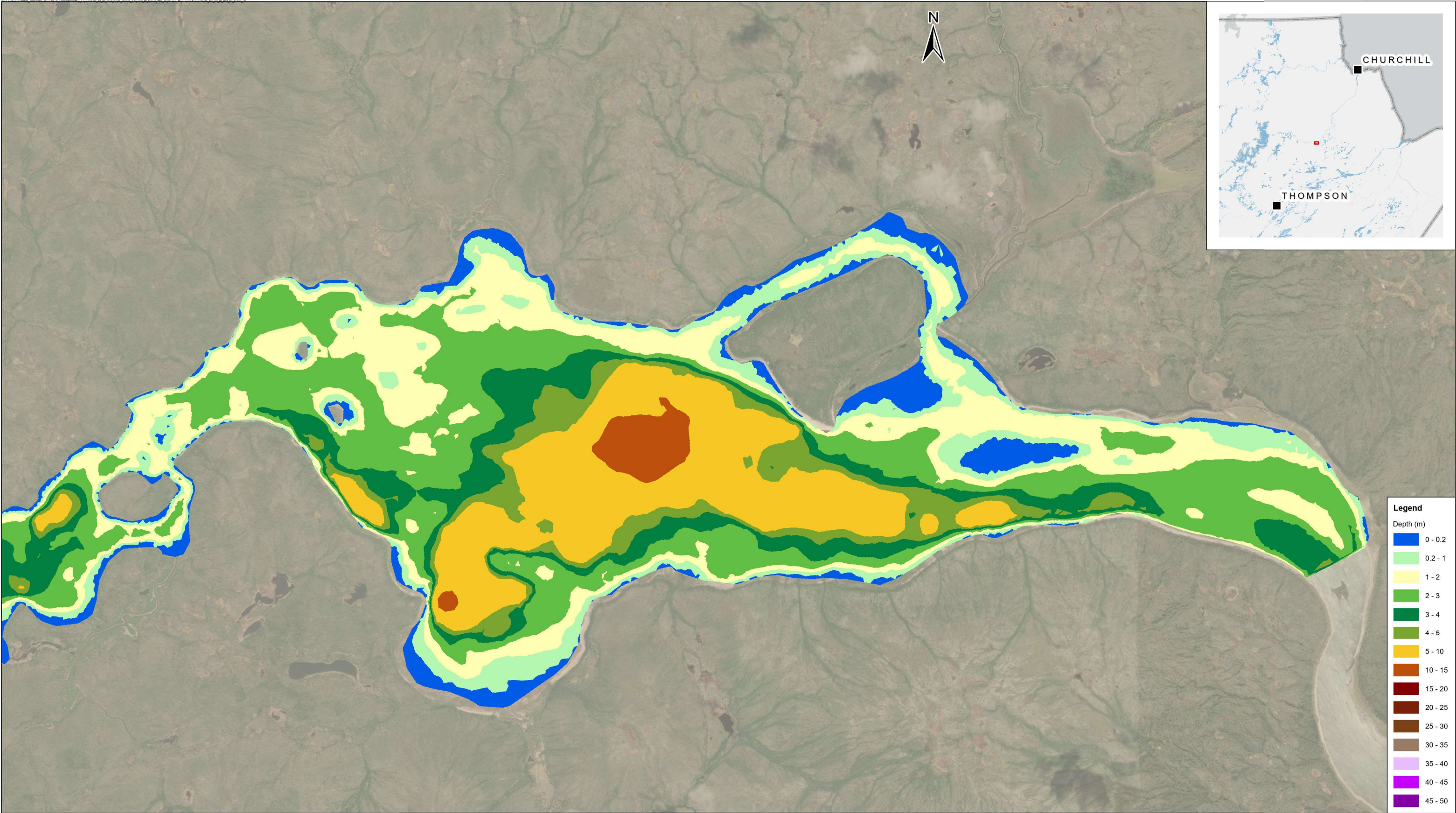
Fidler to Billard Lake

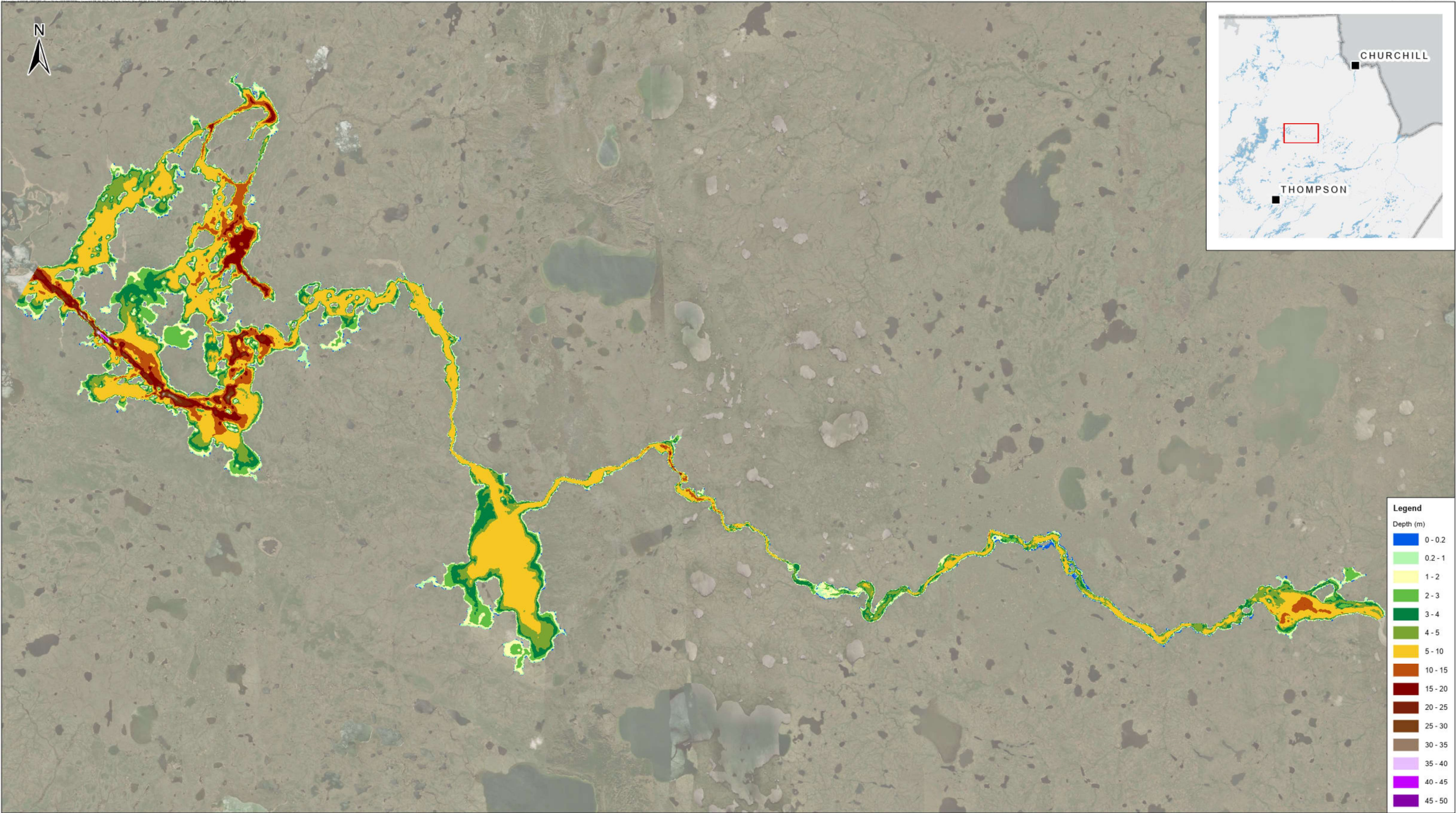
Depth

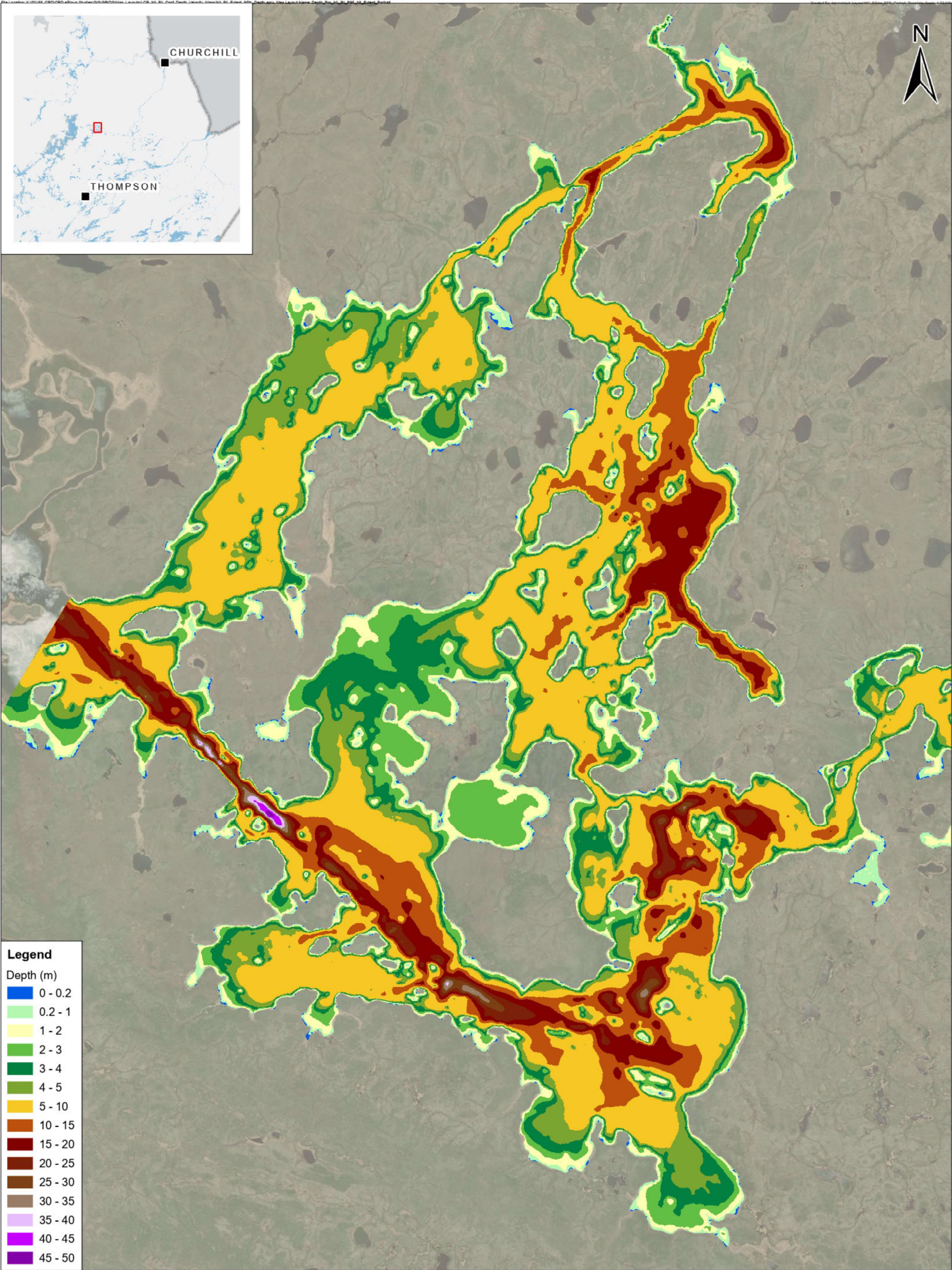
75th Percentile

519 m³/s

M1-WD-P75-FLBL









DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

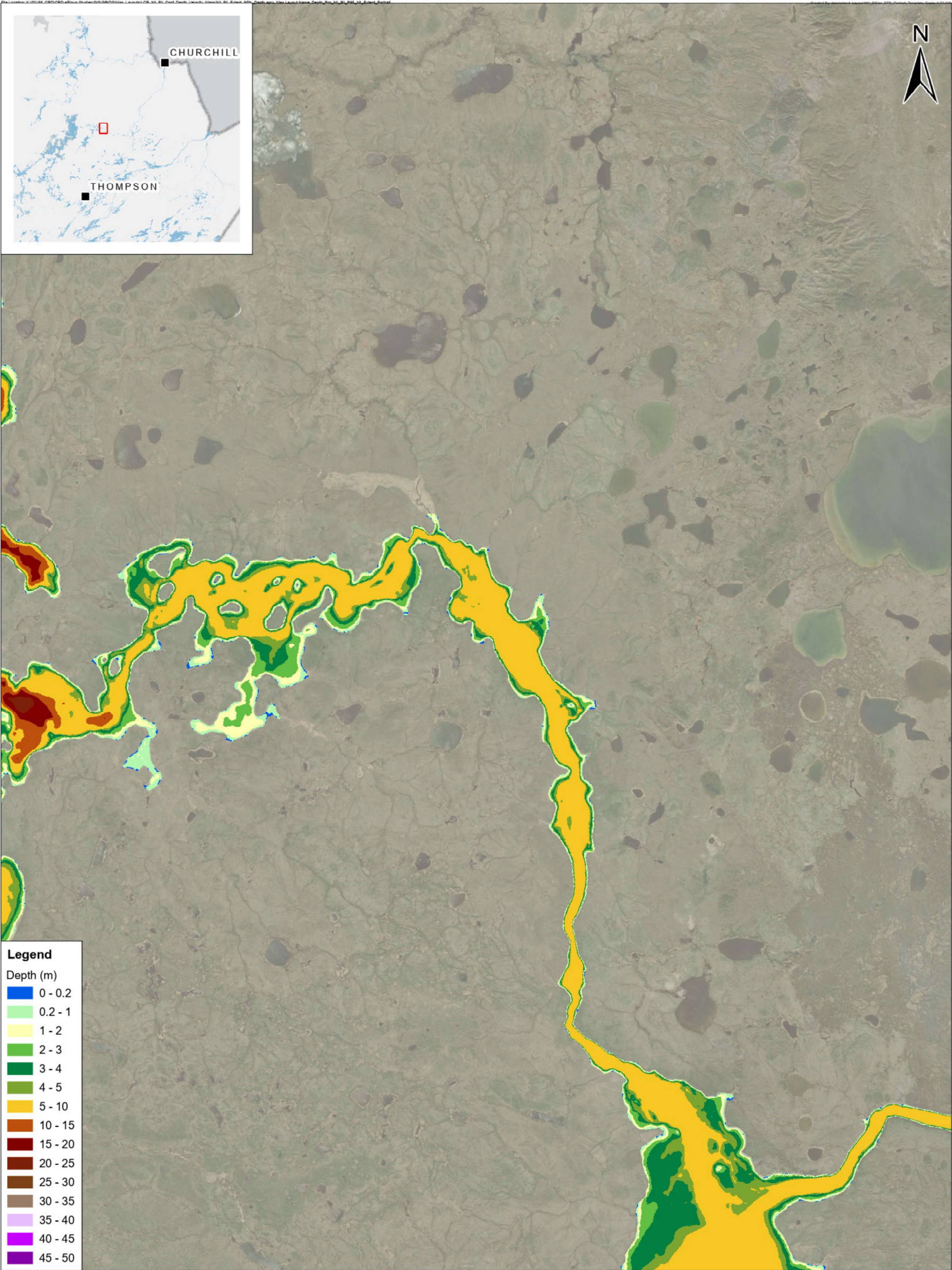
COORDINATE SYSTEM: WGS 1984 UTM Zone 14N	DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
0 0.8 1.6 Kilometers		VERSION NO:
0 0.8 1.6 Miles		QA/QC:

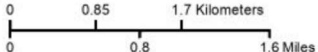
Northern Indian Lake

Depth

95th Percentile

1792 m³/s



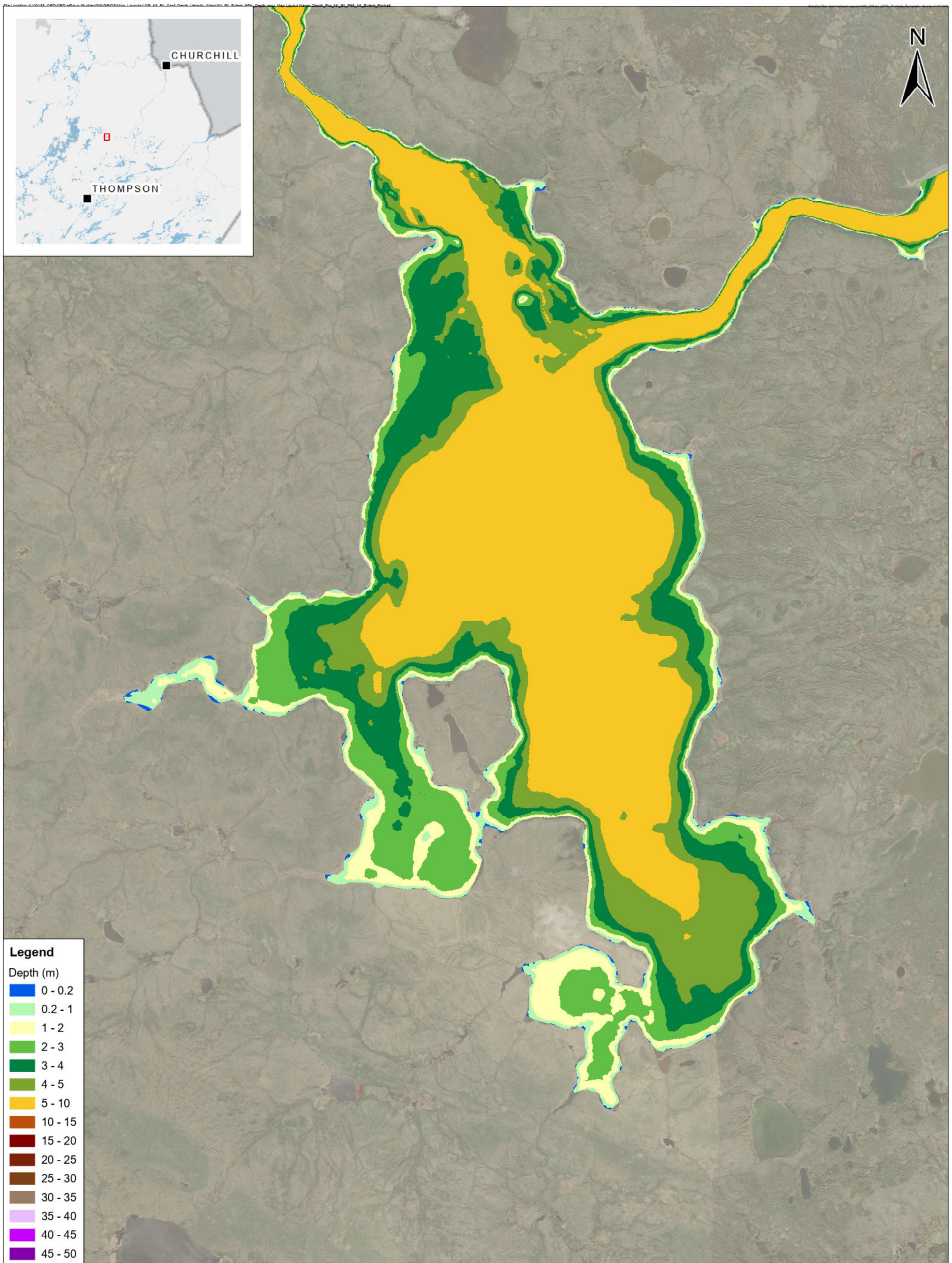
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	CREATED BY: Energy Operations and Water Planning		
	COORDINATE SYSTEM: WGS 1984 UTM Zone 14N	DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
		VERSION NO:	QA/QC:

Northern Indian Lake to Fidler Lake

Depth

95th Percentile

1792 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM: WGS 1984 UTM Zone 14N	DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
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0 0.55 1.1 Kilometers



0 0.5 1 Miles



VERSION NO:

QA/QC:

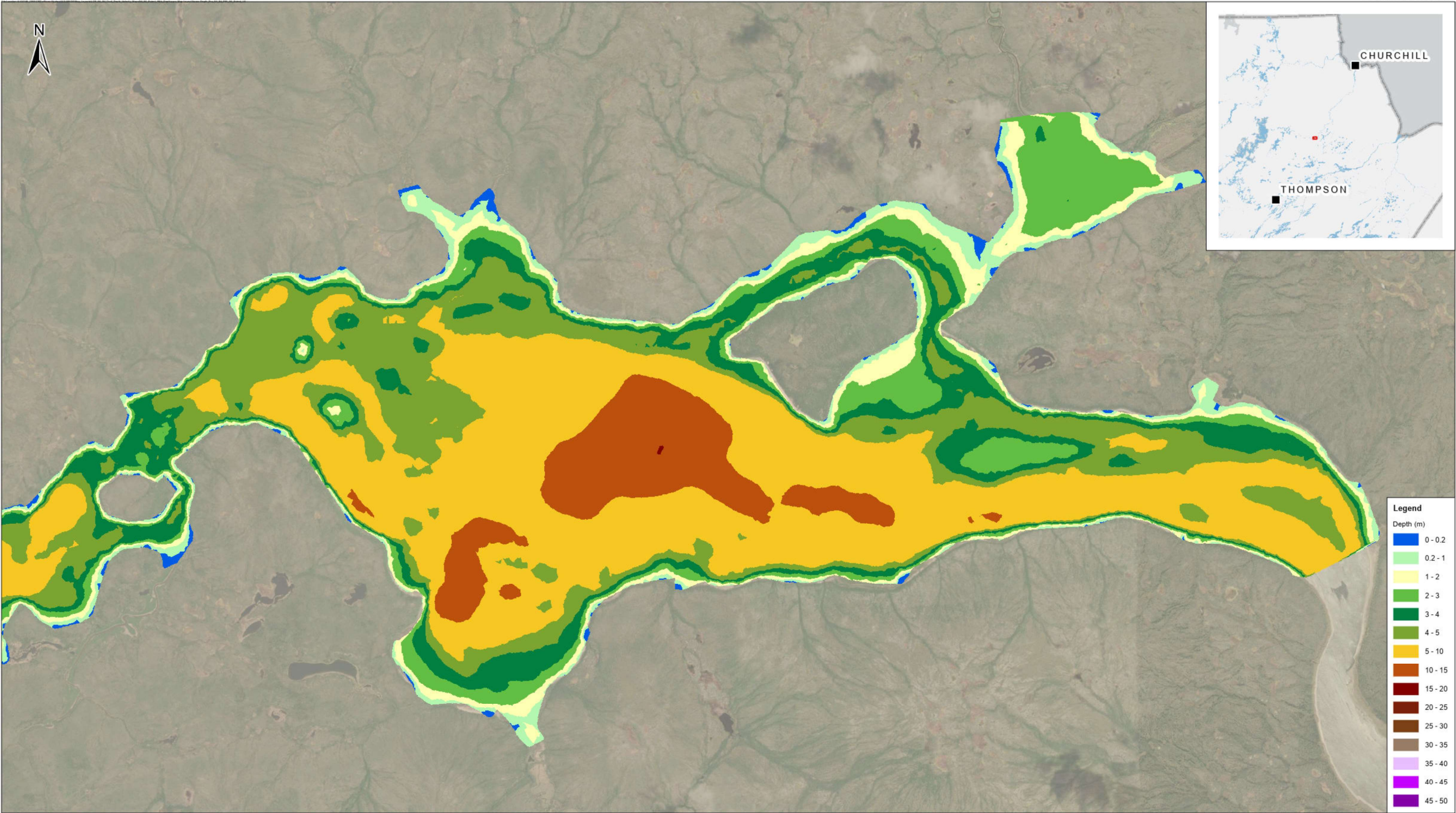
Fidler Lake

Depth

95th Percentile

1792 m³/s





DATA SOURCE:
Modeling Data: Manitoba Hydro - Hydraulic Modeling
Basemap: ArcGIS Map Service 2025 06 16

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.55 1.1 Kilometers
0 0.45 0.9 Miles

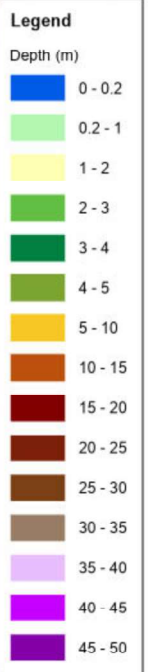
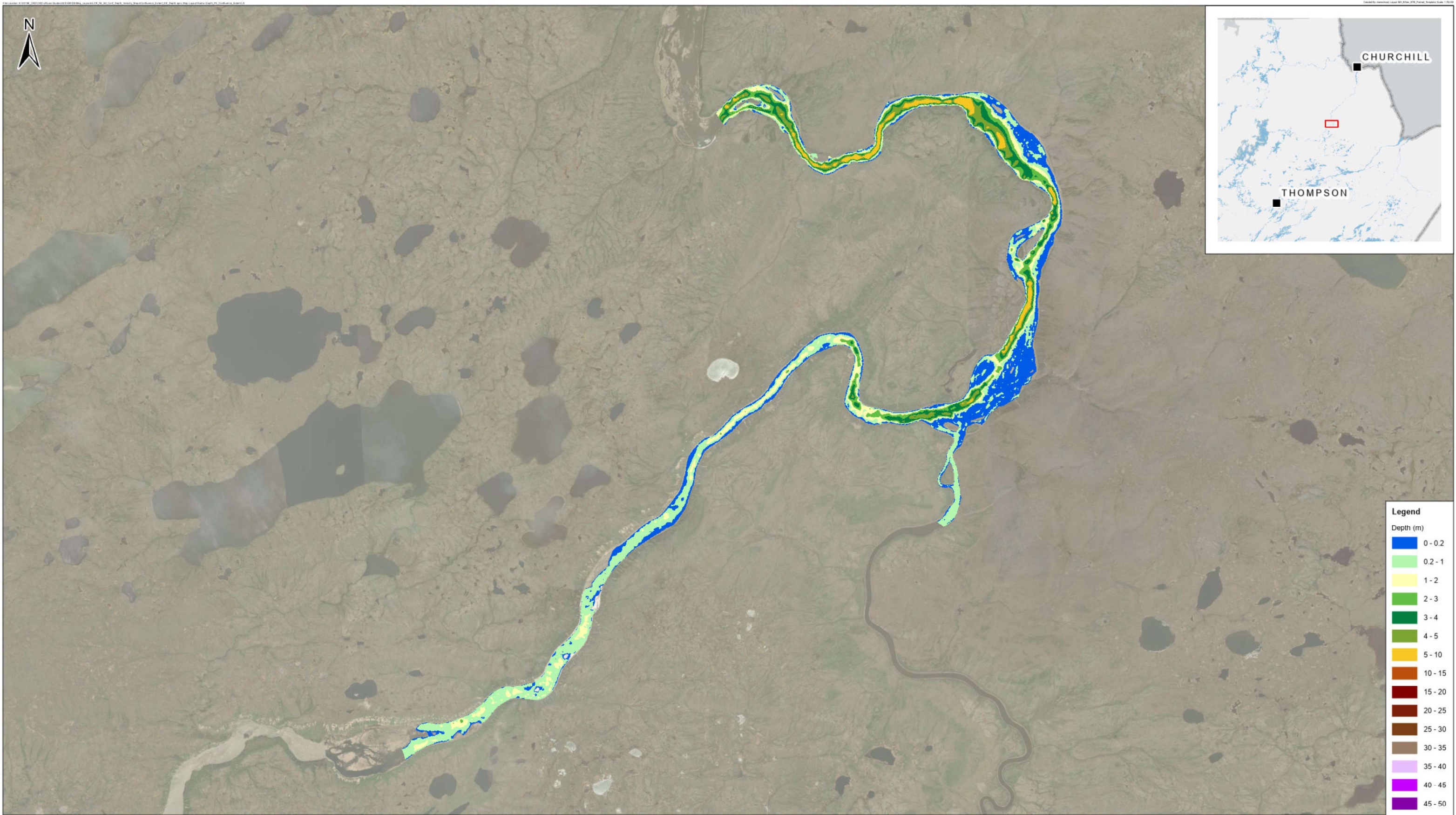
DATE CREATED:
28-May-25

VERSION NO:

REVISION DATE:
24-JUL-25

DAWG:

**Billard Lake
Depth**
95th Percentile
1792 m³/s

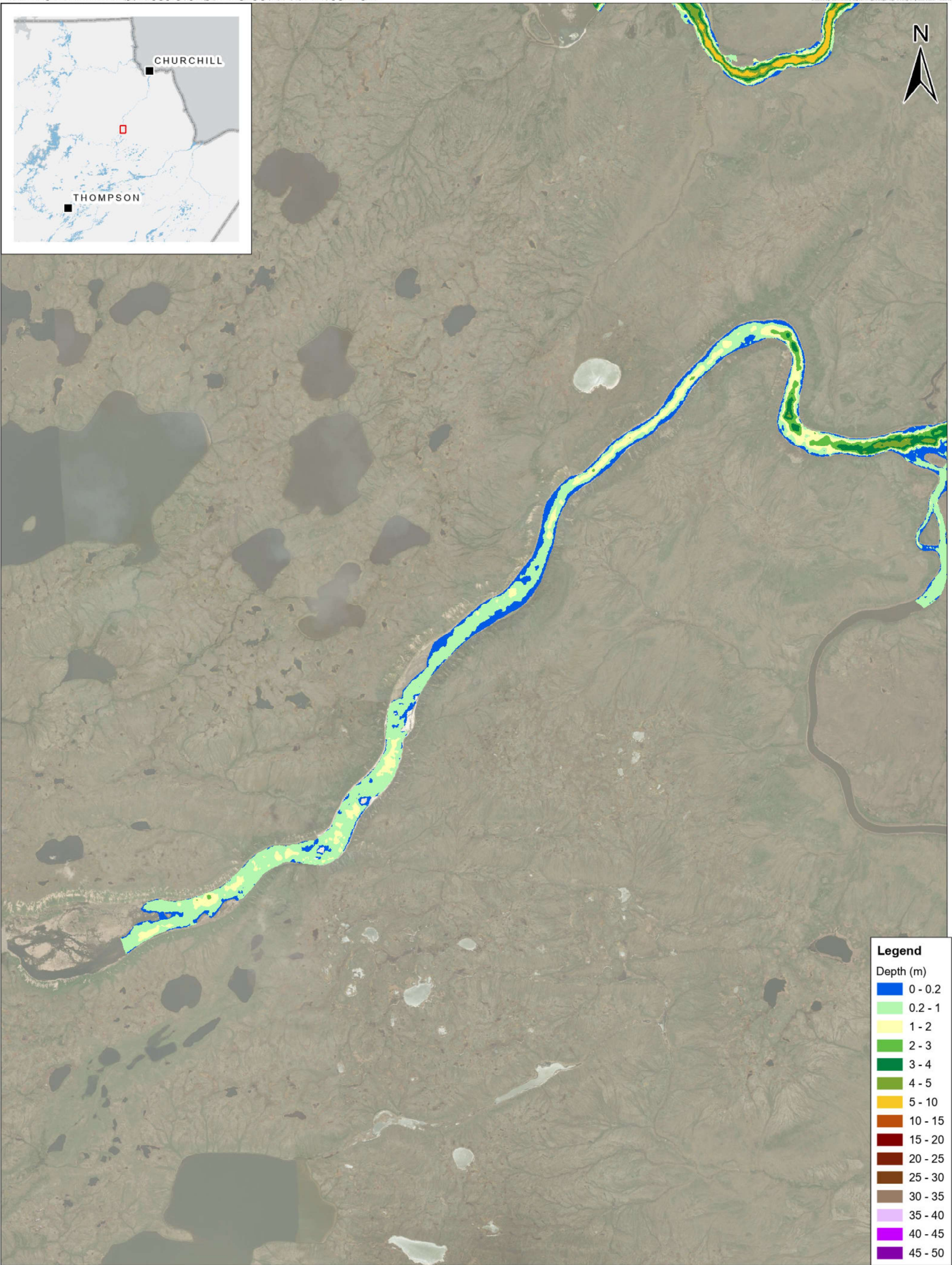


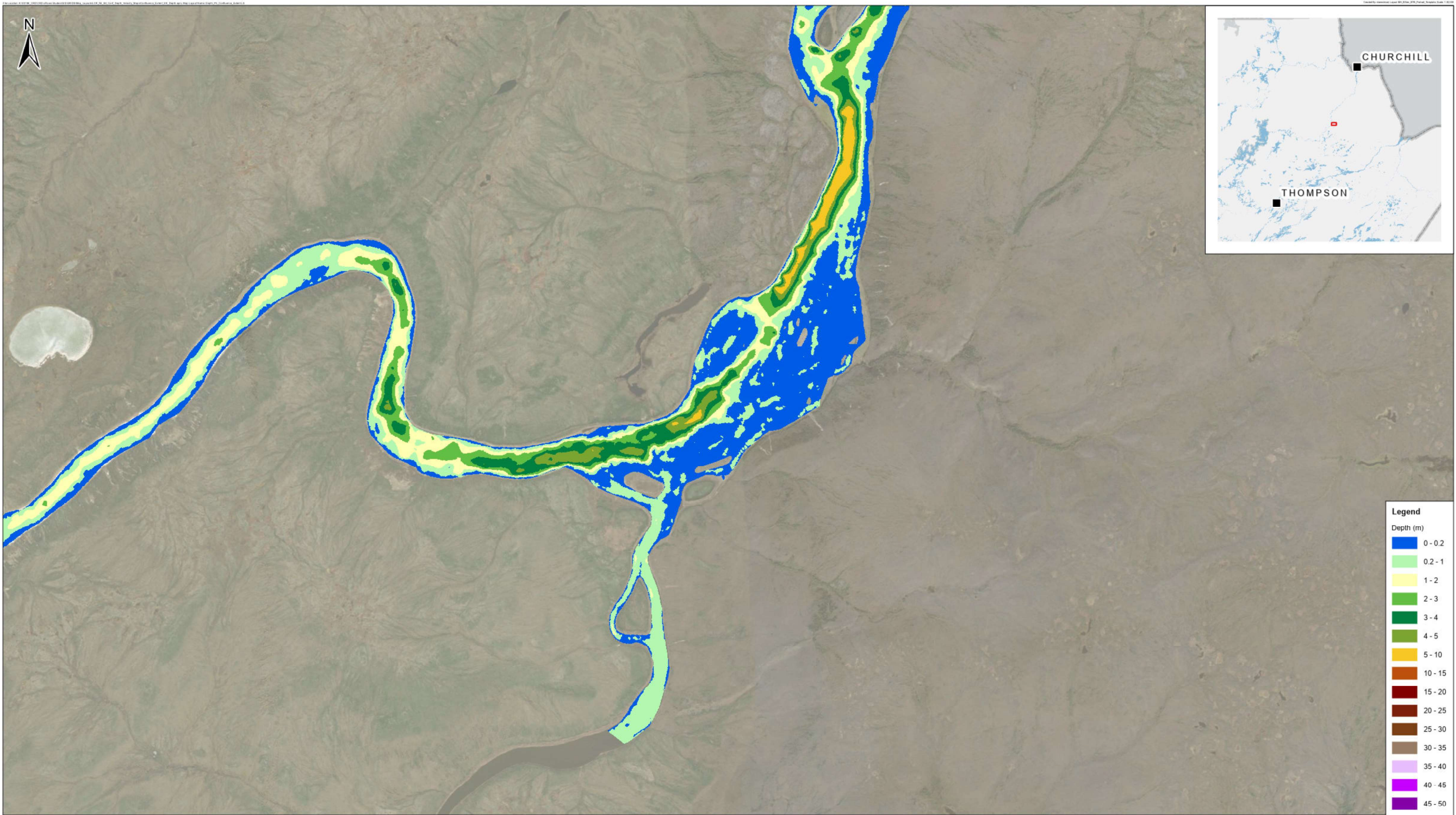
DATA SOURCE: Modeling Data: Manitoba Hydro - Hydraulic Modeling Basemap: ArcGIS Map Service 2023 05 21			
CREATED BY: Energy Operations and Water Planning			
COORDINATE SYSTEM: WGS 1984 UTM Zone 14N		DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
0 2 4 Kilometers 0 1.5 3 Miles		VERSION NO:	QA/QC:

Little Churchill River Confluence Area

Depth

5th Percentile
95m³/s



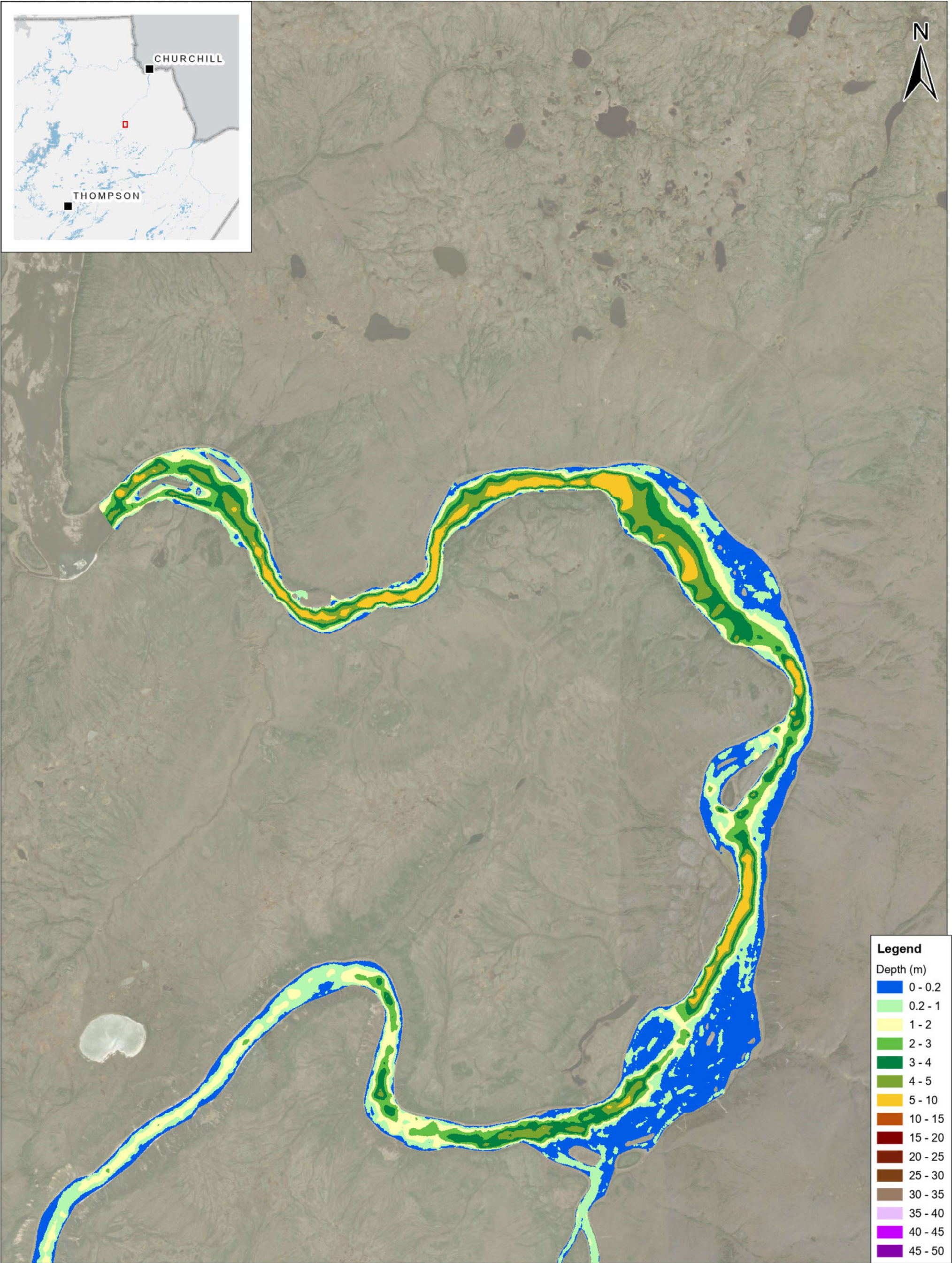


DATA SOURCE: Modeling Data: Manitoba Hydro - Hydraulic Modeling Basemap: ArcGIS Map Service 2023 05 21			
CREATED BY: Energy Operations and Water Planning			
COORDINATE SYSTEM: WGS 1984 UTM Zone 14N		DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
		VERSION NO:	QA/QC:

Little Churchill River Confluence

Depth
5th Percentile
95 m³/s

M2-WD-P5-LCRC





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
27-JUL-26

00.40.8 Kilometers

00.40.8 Miles

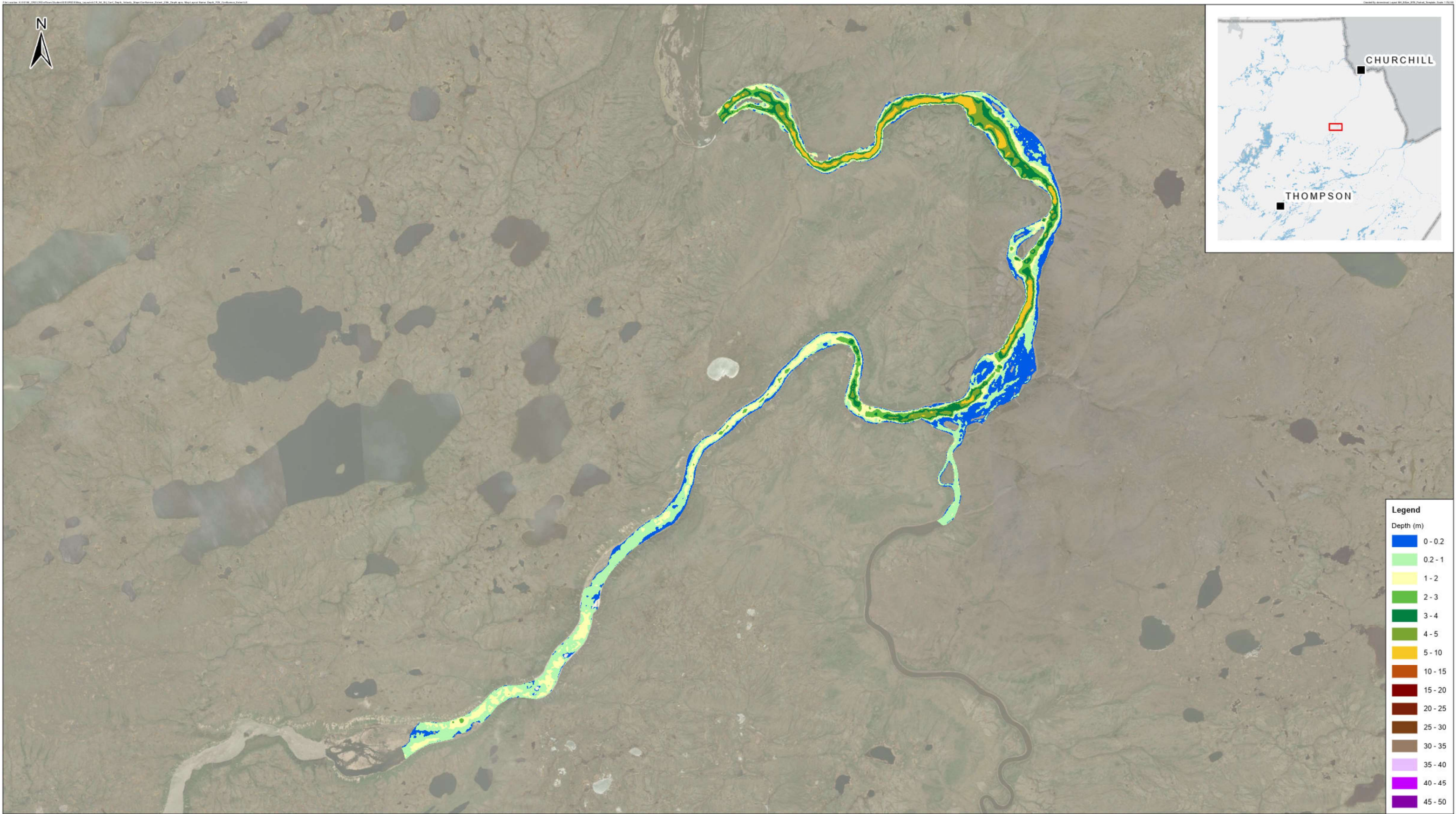
VERSION NO:
QA/QC:

Little Churchill River Confluence to Swallow Rapids

Depth

5th Percentile

95m³/s





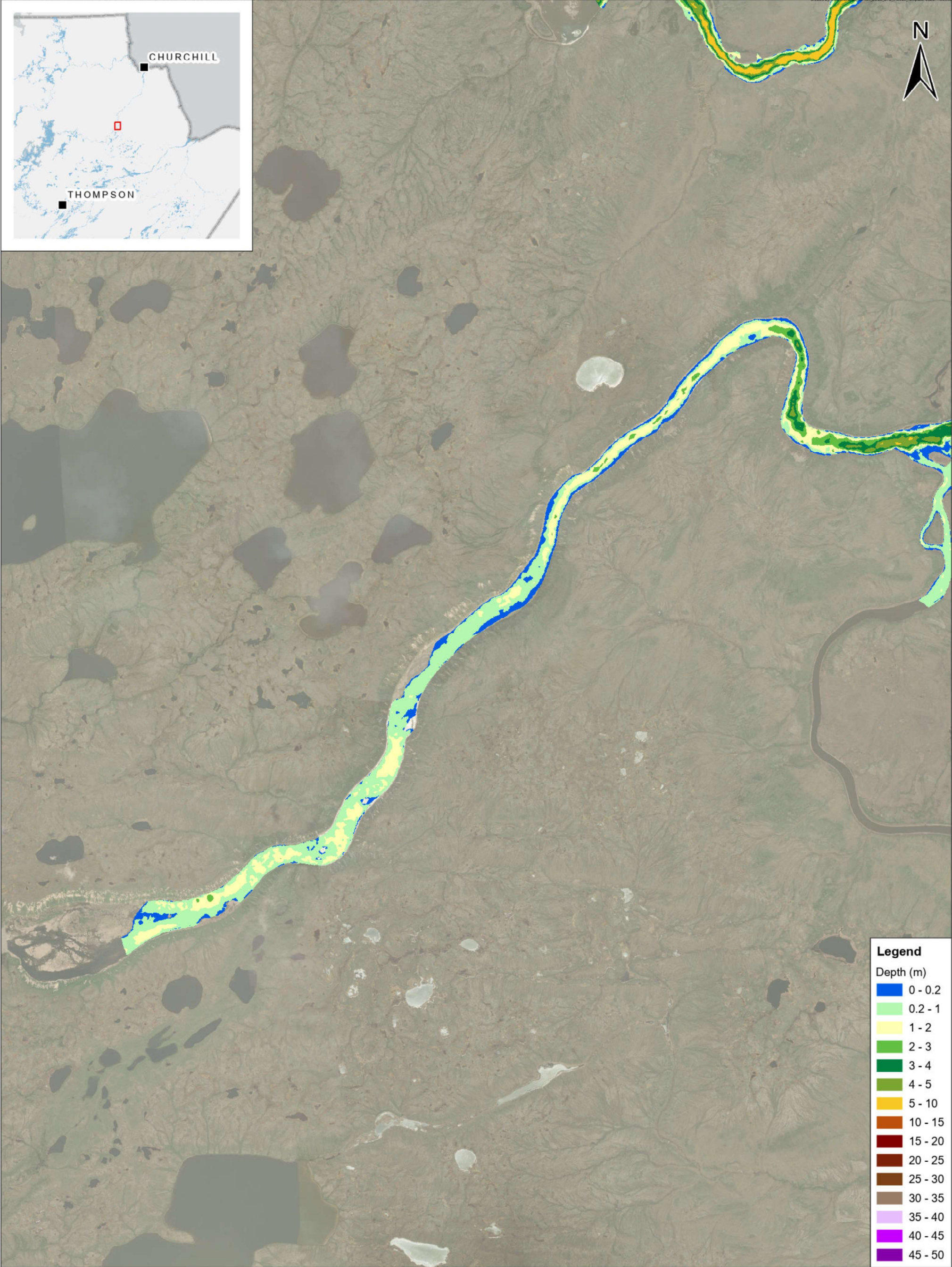
DATA SOURCE: Modeling Data: Manitoba Hydro - Hydraulic Modeling Basemap: ArcGIS Map Service 2023 05 21			
CREATED BY: Energy Operations and Water Planning			
COORDINATE SYSTEM: WGS 1984 UTM Zone 14N		DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
0 1.5 3 Kilometers 0 1.5 3 Miles		VERSION NO:	QA/QC:

Little Churchill River Confluence Area

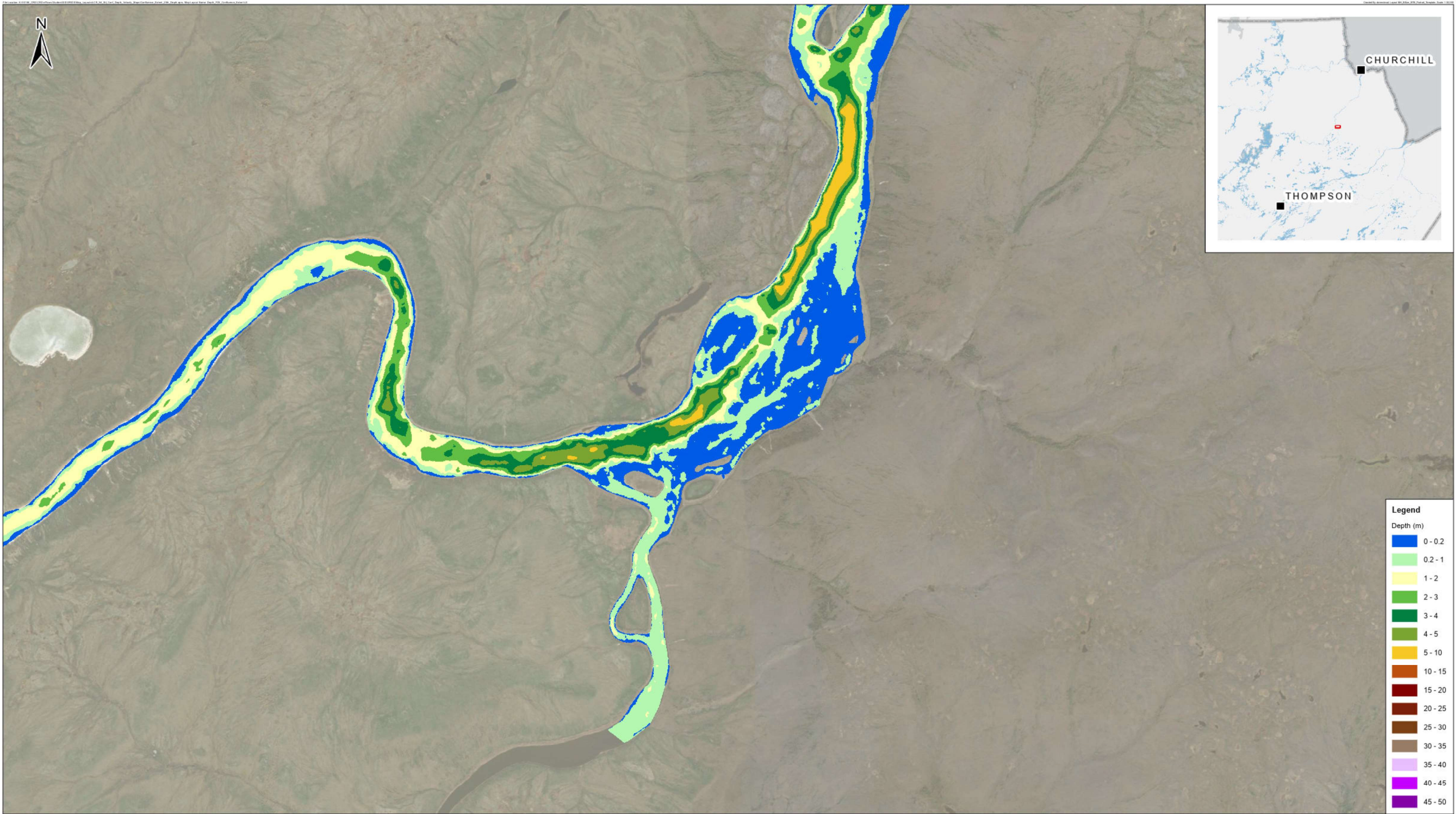
Depth

25th Percentile
173 m³/s

M2-WD-P25-ALL



	DATA SOURCE: Modelling Data: Manitoba Hydro - Hydraulic Modelling Basemap: ArcGIS Map Service 2023 05 21			The Fours to Little Churchill River Confluence Depth 25th Percentile 173 m³/s	
	CREATED BY: Energy Operations and Water Planning				
	COORDINATE SYSTEM: WGS 1984 UTM Zone 14N	DATE CREATED: 28-May-26	REVISION DATE: 27-JUL-26		
	0 0.6 1.2 Kilometers 0 0.55 1.1 Miles	VERSION NO:	QA/QC:		



DATA SOURCE: Modeling Data: Manitoba Hydro - Hydraulic Modeling Basemap: ArcGIS Map Service 2023 05 21			
CREATED BY: Energy Operations and Water Planning			
COORDINATE SYSTEM: WGS 1984 UTM Zone 14N		DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26
0 0.8 1.6 Kilometers 0 0.55 1.1 Miles		VERSION NO:	QA/QC:

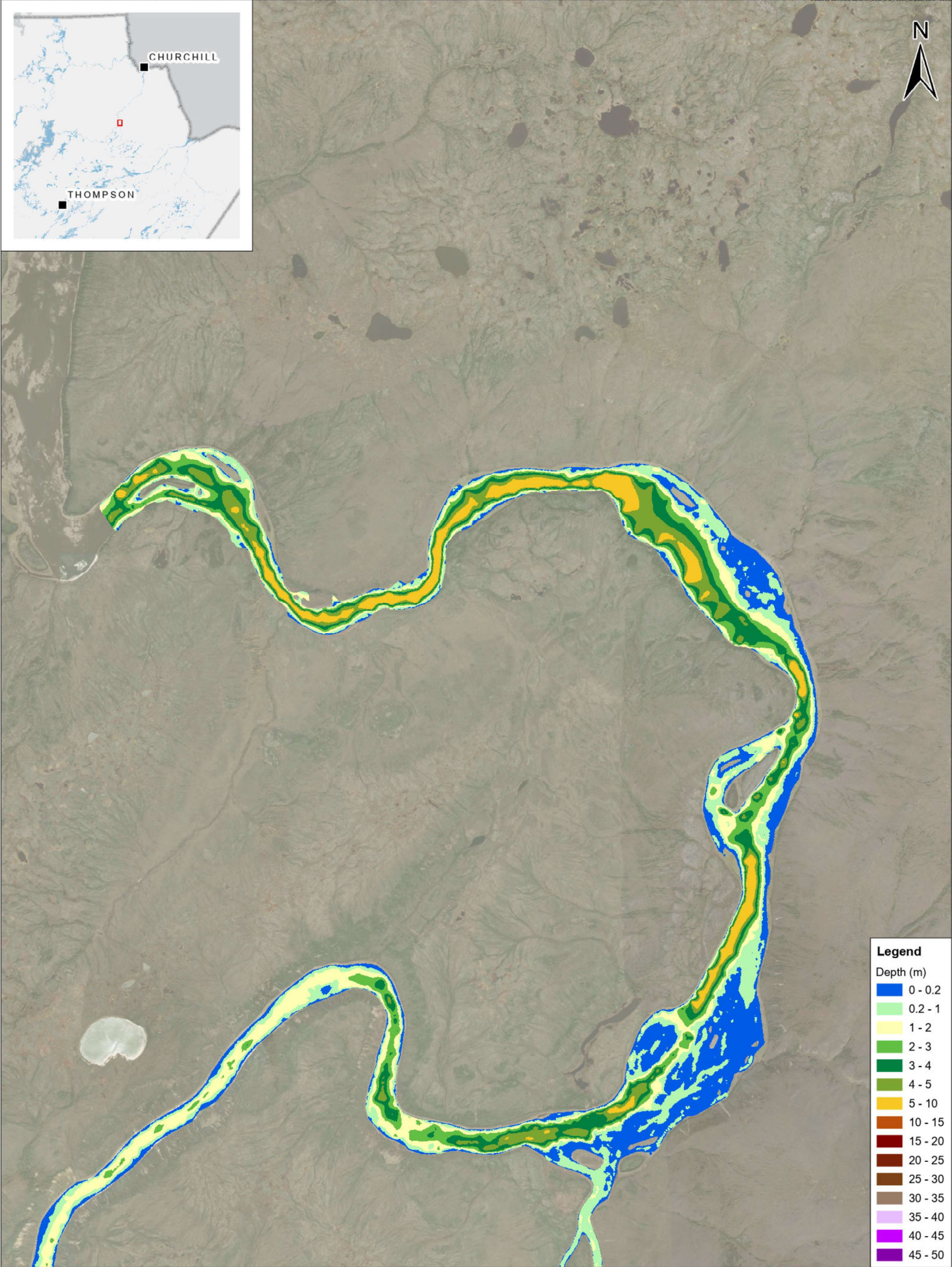
Little Churchill River Confluence

Depth

25th Percentile

173 m³/s

M2-WD-P25-LCRC





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.4 0.8 Kilometers
0 0.4 0.8 Miles

DATE CREATED:
28-May-26

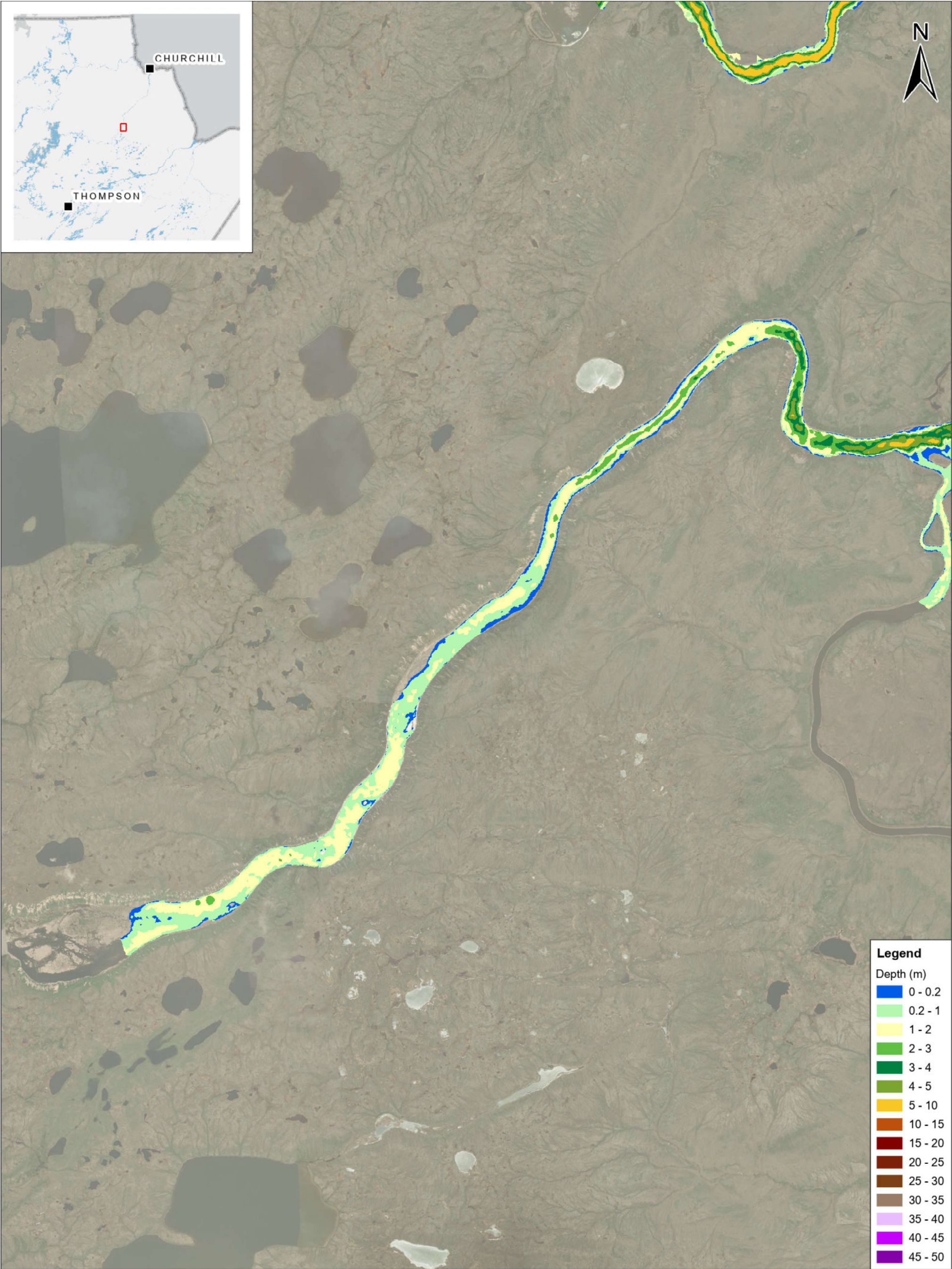
REVISION DATE:
27-JUL-26

VERSION NO:
QA/QC:

Little Churchill River Confluence to Swallow Rapids

Depth

25th Percentile
173 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

0 0.6 1.2 Kilometers
0 0.55 1.1 Miles

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

VERSION NO:

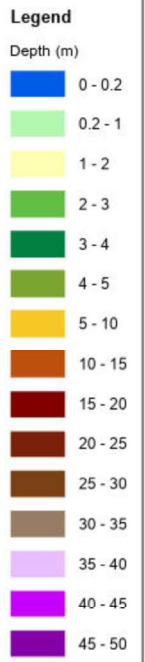
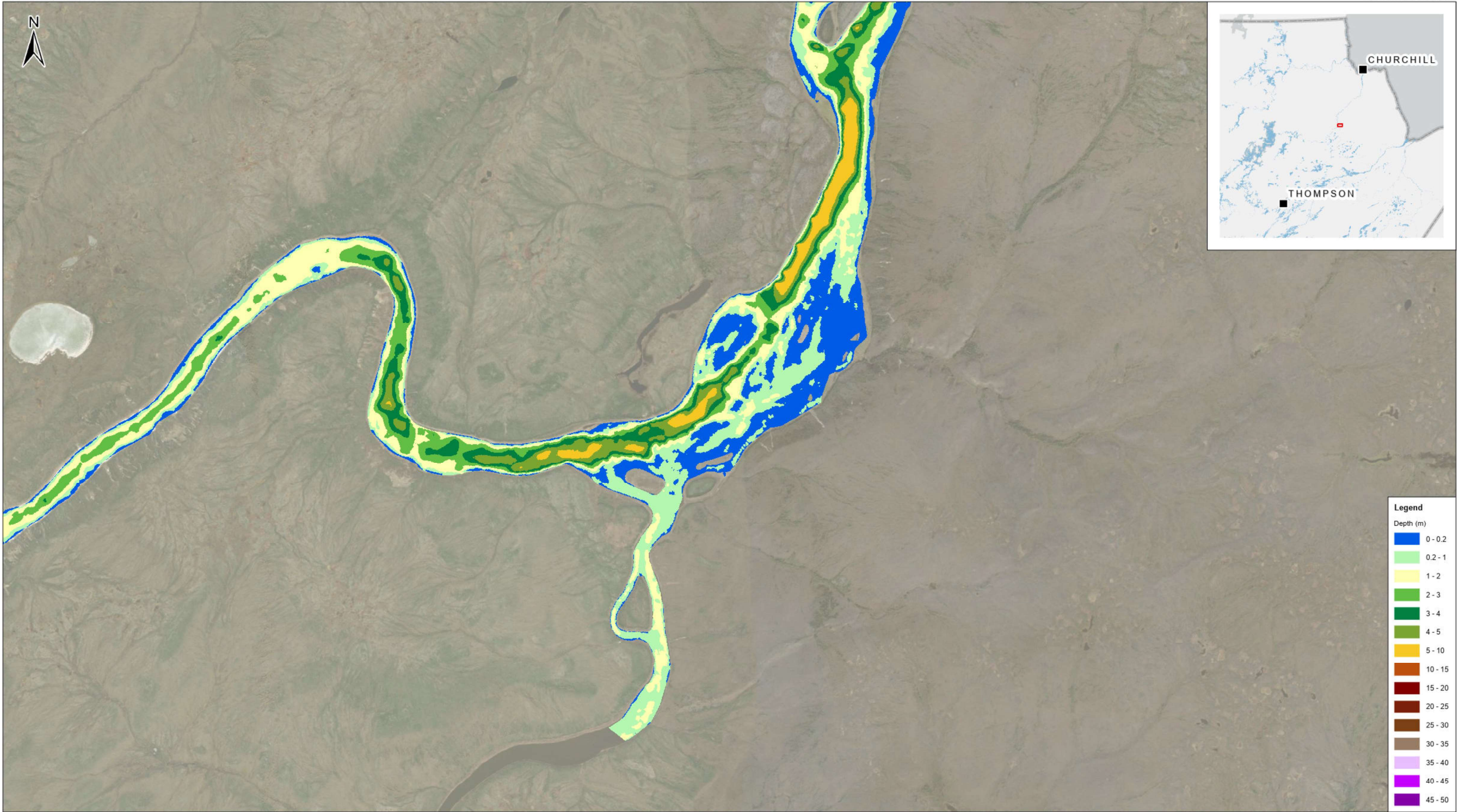
QA/QC:

The Fours to Little Churchill River Confluence

Depth

50th Percentile

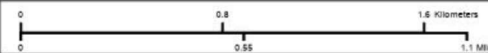
302 m³/s



Data Source:
Modeling Data: Manitoba Hydro - Hydraulic Modeling
Base Map: ArcGIS Map Service 2023 05 21

Created By:
Energy Operations and Water Planning

Coordinate System: WGS 1984 UTM Zone 14N



Date Created: 28-May-26

Revision Date: 17-JUL-26

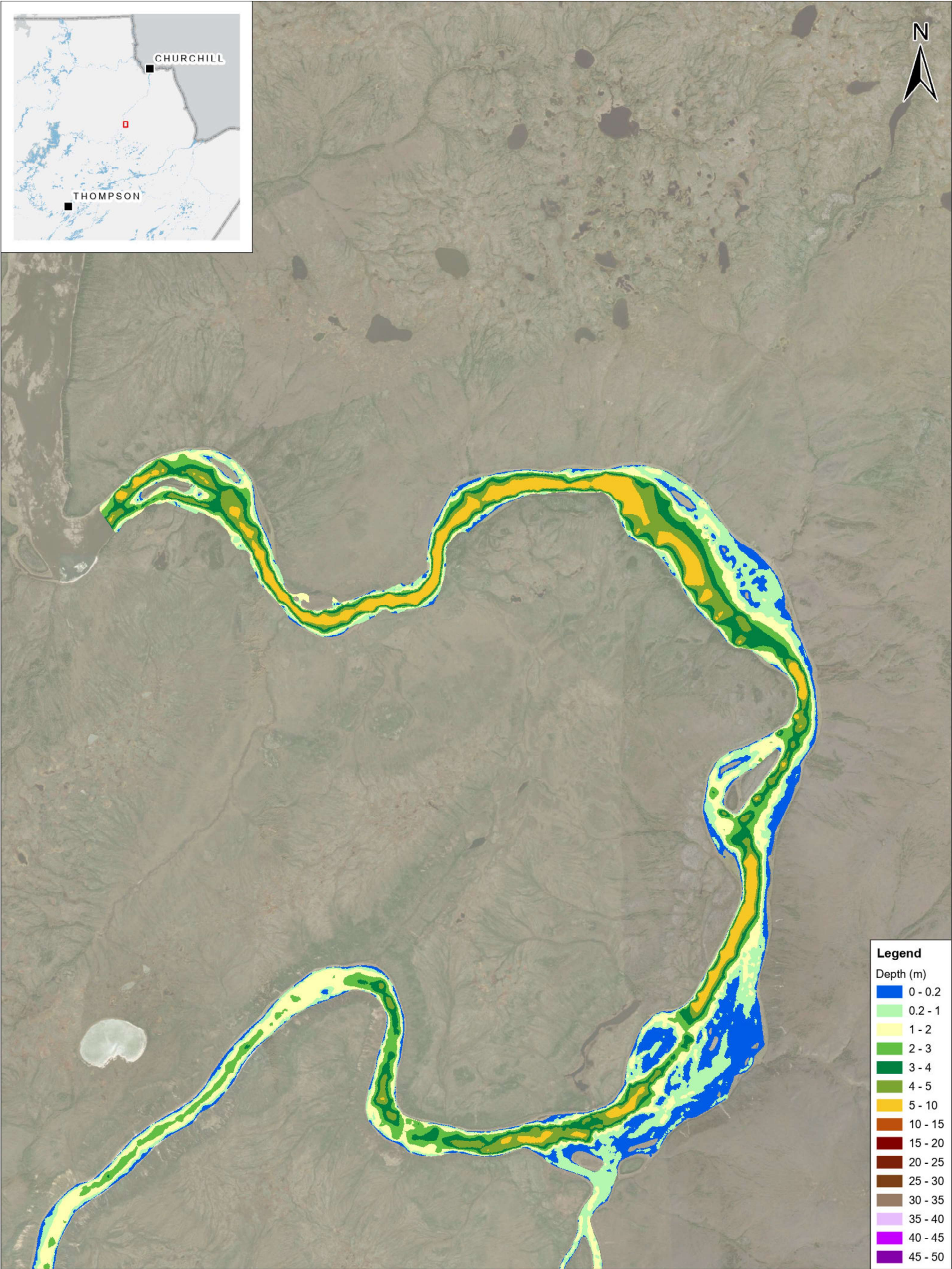
Version No:

GAIG:

Little Churchill River Confluence

Depth

50th Percentile
302 m³/s





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

00.40.8 Kilometers

00.40.8 Miles

VERSION NO:
QA/QC:

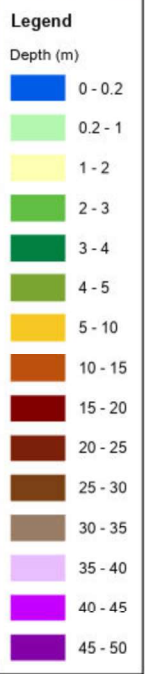
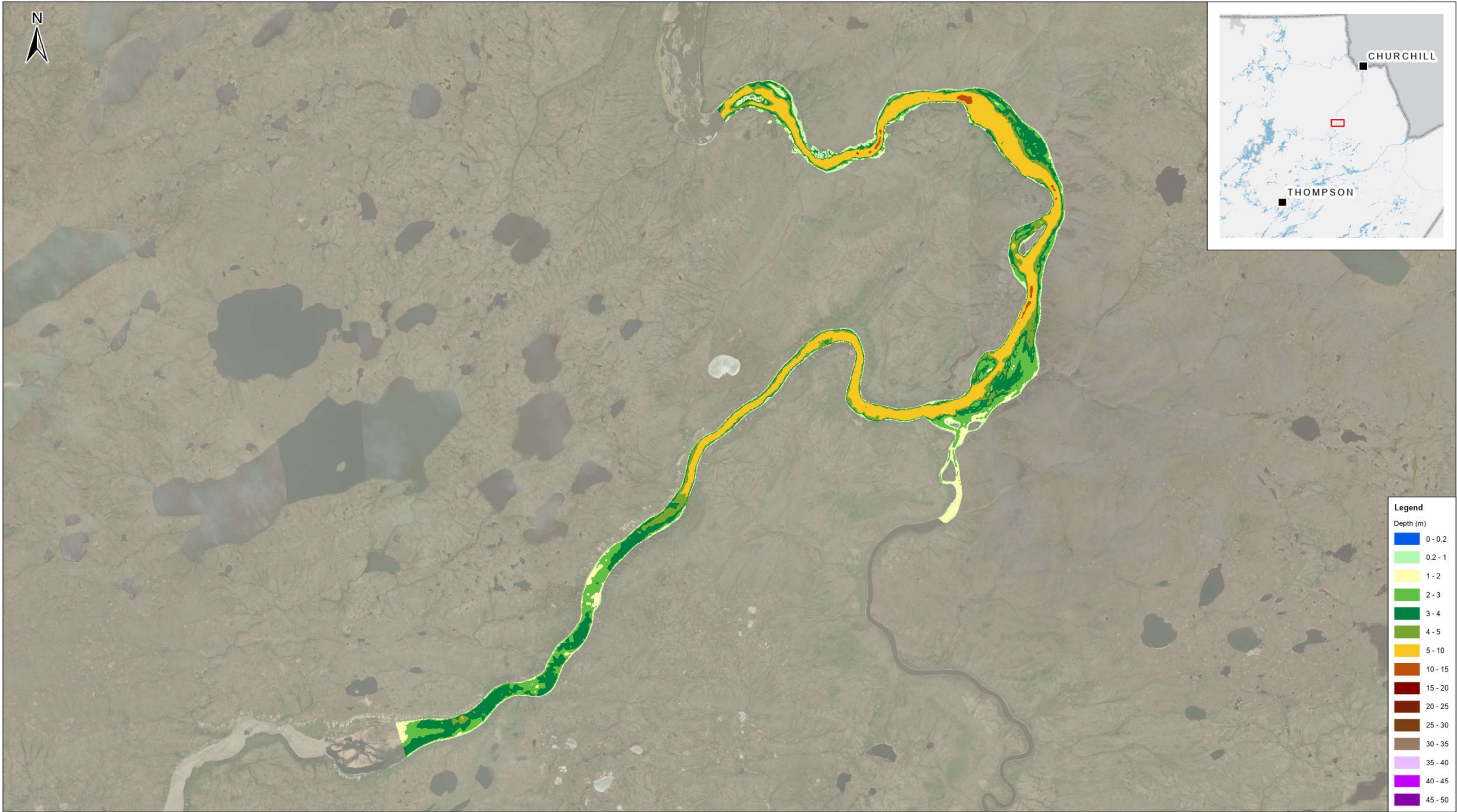
Little Churchill River Confluence to Swallow Rapids

Depth

50th Percentile

302 m³/s

M2-WD-P50-SR



DATA SOURCE:
Modeling Data: Manitoba Hydro - Hydraulic Modeling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM: WGS 1984 UTM Zone 14N



DATE CREATED: 28-May-25

REVISION DATE: 22-JUL-25

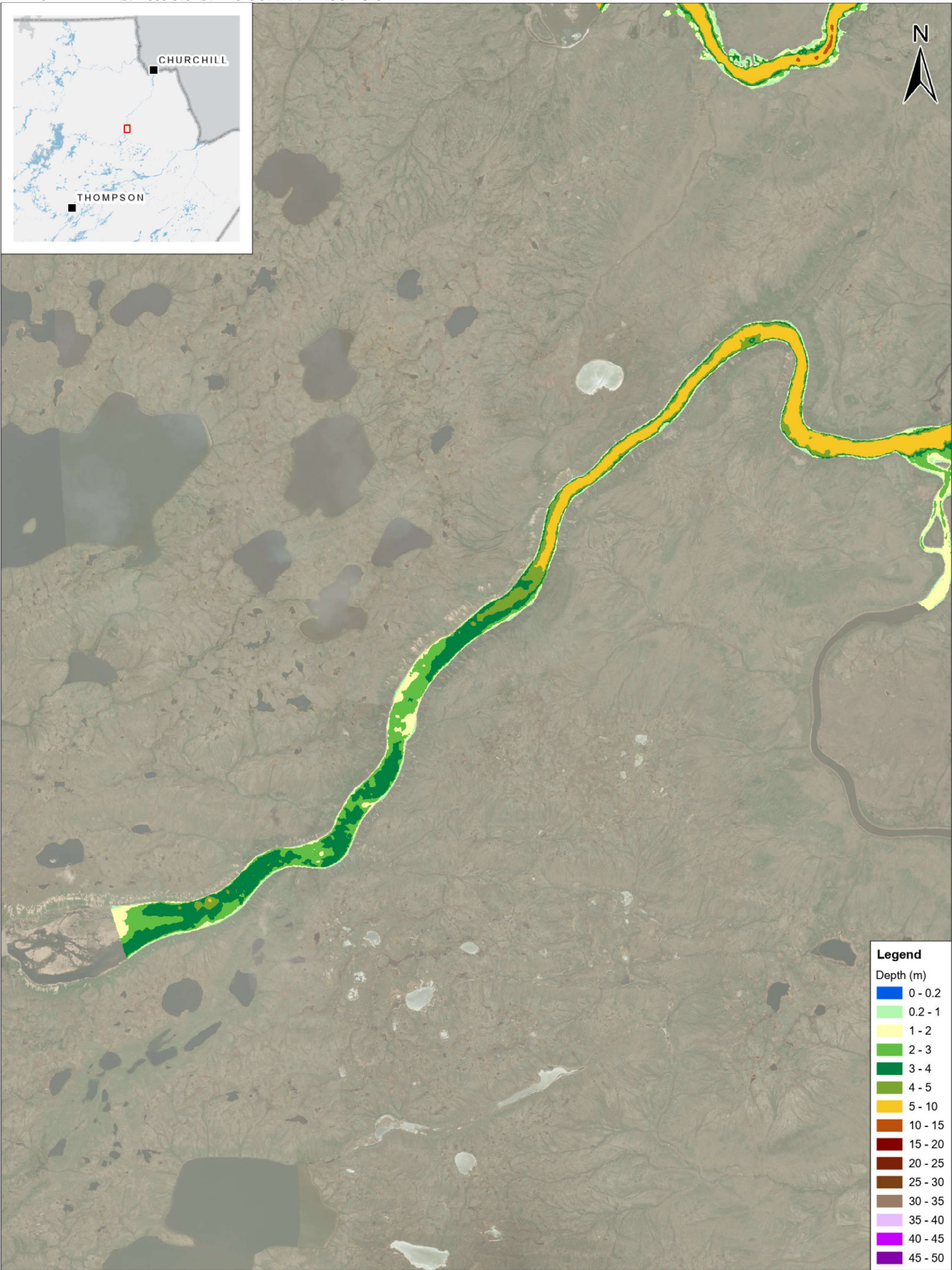
VERSION NO:

QA/QC:

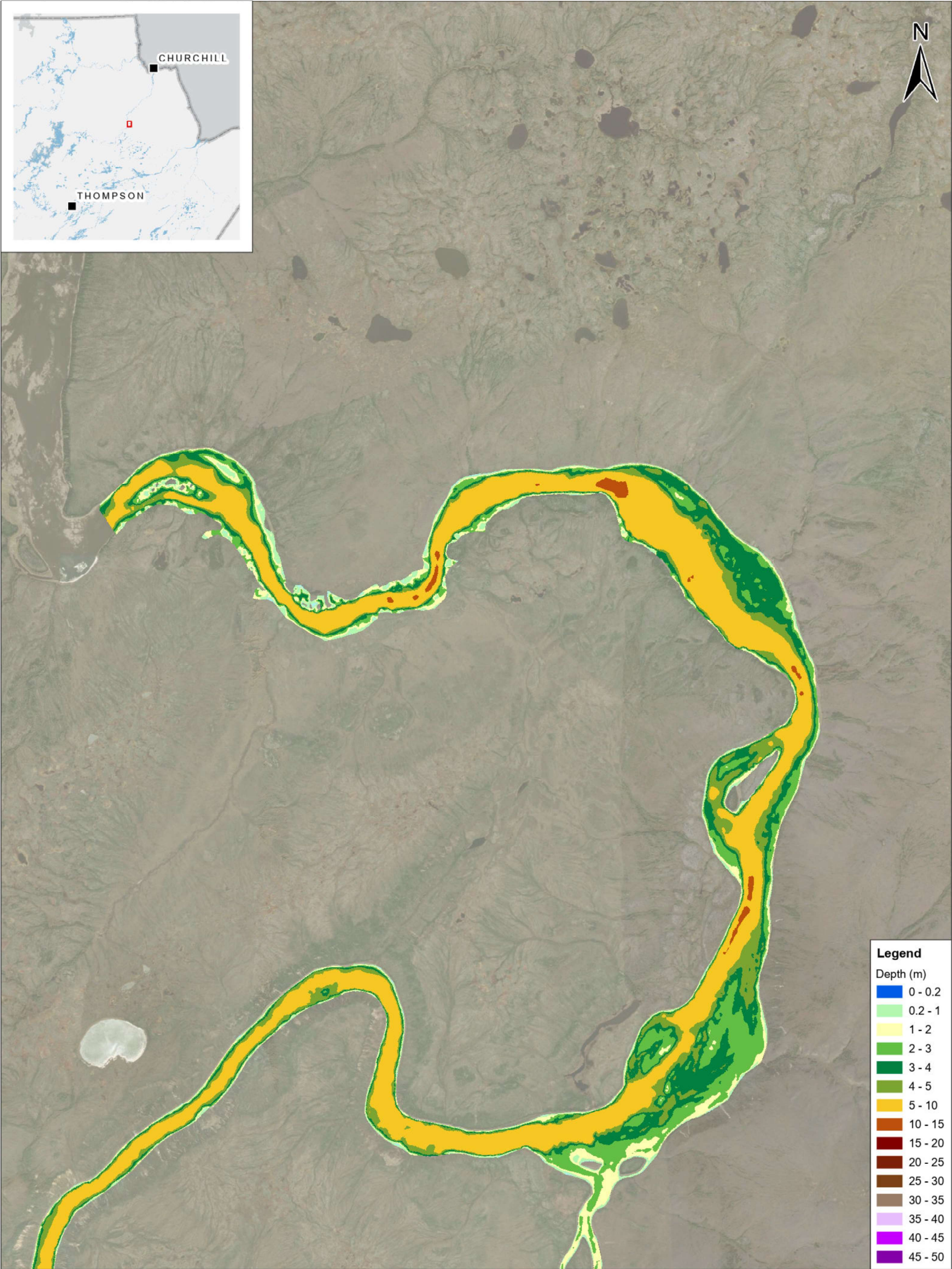
Little Churchill River Confluence Area

Depth

75th Percentile
610 m³/s



	DATA SOURCE: Modelling Data: Manitoba Hydro - Hydraulic Modelling Basemap: ArcGIS Map Service 2023 05 21			The Fours to Little Churchill River Confluence Depth 75th Percentile 610 m³/s	
	CREATED BY: Energy Operations and Water Planning				
	COORDINATE SYSTEM: WGS 1984 UTM Zone 14N	DATE CREATED: 28-May-26	REVISION DATE: 24-JUL-26		
	0 0.6 1.2 Kilometers 0 0.55 1.1 Miles	VERSION NO:	QA/QC:		





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

00.40.8 Kilometers

00.40.8 Miles

VERSION NO:
QA/QC:

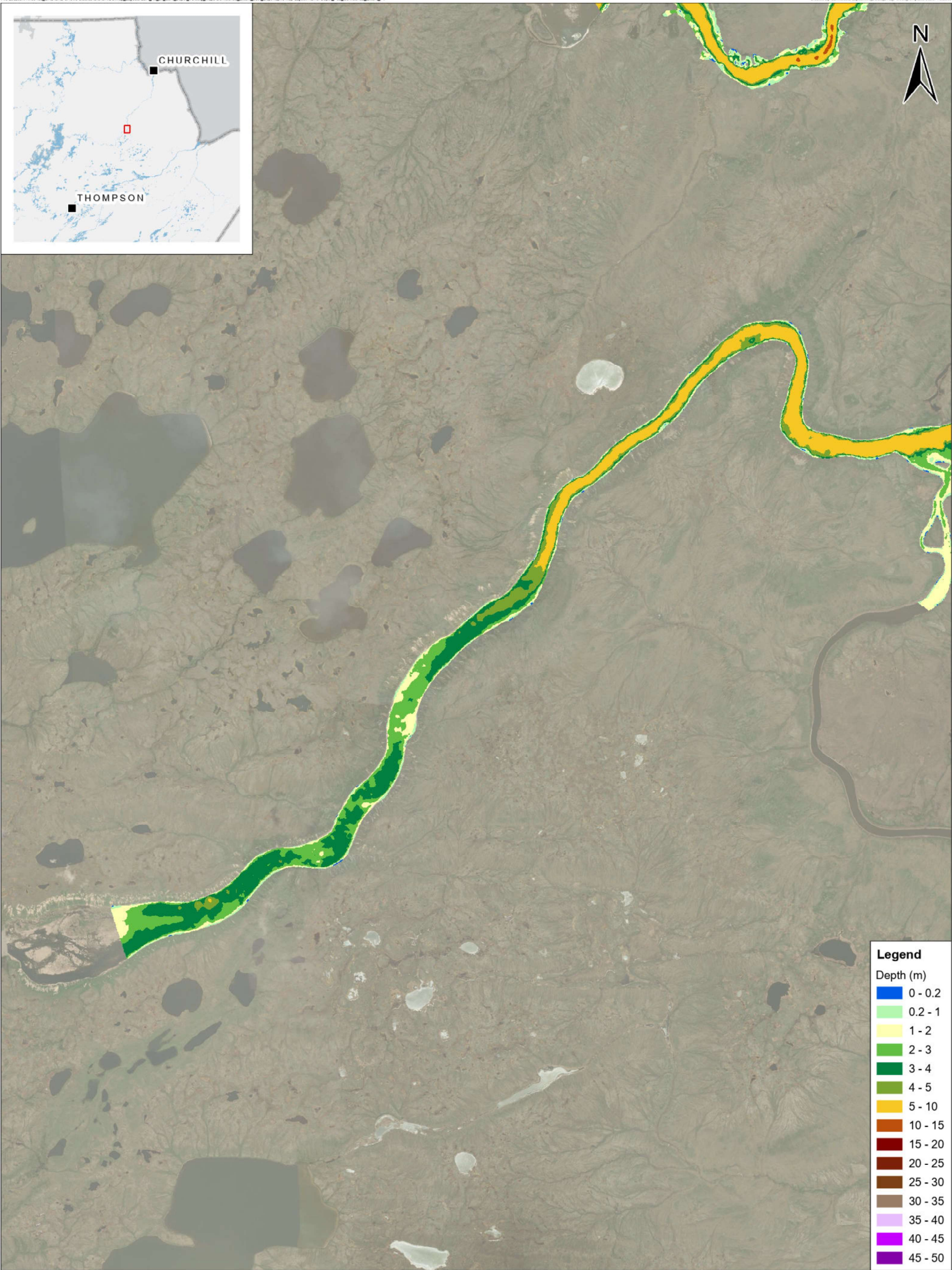
Little Churchill River Confluence to Swallow Rapids

Depth

75th Percentile

610 m³/s

M2-WD-P75-SR





DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

00.61.2

Kilometers

00.551.1

Miles

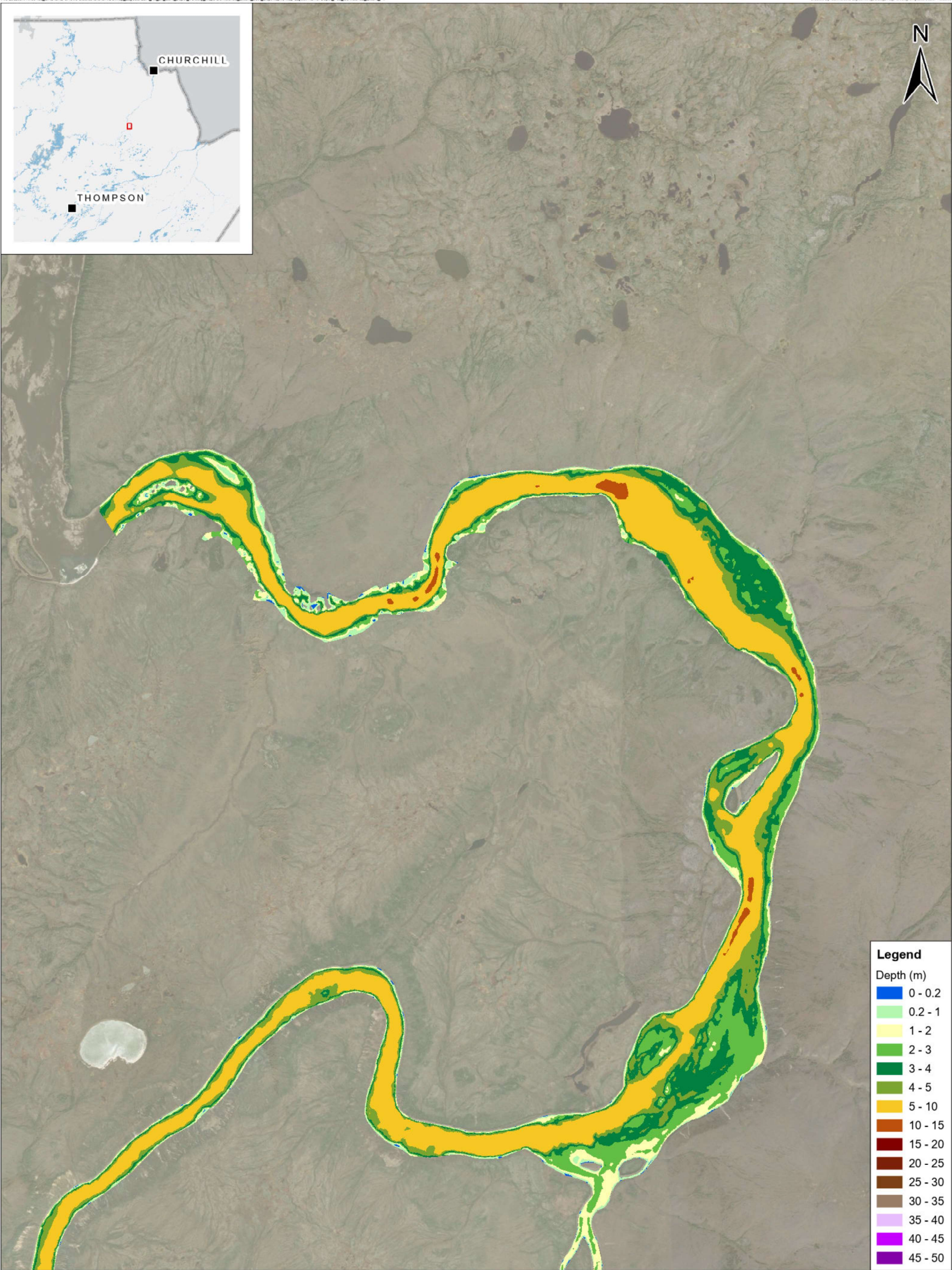
VERSION NO:
QA/QC:

The Fours to Little Churchill River Confluence

Depth

95th Percentile

1950 m³/s



DATA SOURCE:
Modelling Data: Manitoba Hydro - Hydraulic Modelling
Basemap: ArcGIS Map Service 2023 05 21

CREATED BY:
Energy Operations and Water Planning

COORDINATE SYSTEM:
WGS 1984 UTM Zone 14N

DATE CREATED:
28-May-26

REVISION DATE:
24-JUL-26

00.40.8 Kilometers

00.40.8 Miles

VERSION NO:

QA/QC:

Little Churchill River Confluence to Swallow Rapids

Depth

95th Percentile

1950 m³/s