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 ENGINEERING DESIGN & DRAFTING  
 GEOSPATIAL TECHNOLOGIES & GIS  
 UAV LIDAR AND PHOTOGRAMMETRY  
 USV BATHYMETRIC & UNDERWATER INSPECTION  
 LASER SCANNING, BIM AND AS-BUILT DRAWINGS  
 VR/AR APPLICATIONS

LEGEND:

THESE DRAWINGS ARE INTENDED  
 TO REPRESENT THE SCOPE OF  
 WORK. IT IS NOT APPROPRIATE  
 FOR CONSTRUCTION.

CLIENT:



PROJECT:

ELK RIVER LIDAR &  
 BATHYMETRIC MAPPING

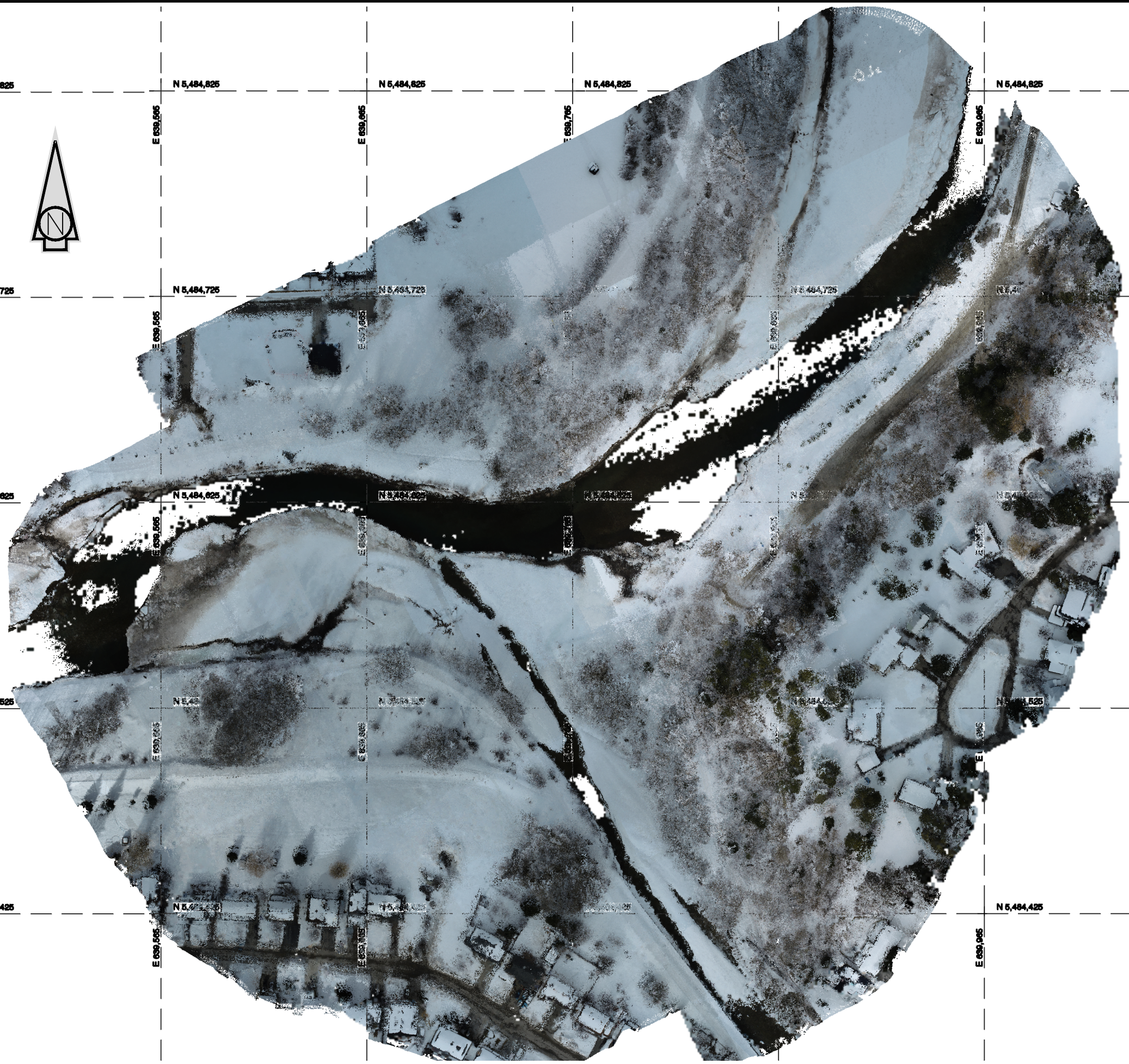
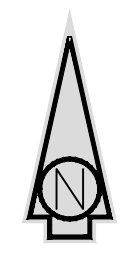
TITLE:

UAV LIDAR MAPPING  
 IN FEB. 2022

SCALE: 1:1250	DESIGN DATE: 2022-02-23 <small>yyyy/mm/dd</small>	MAPPING DATE: 2022-02-18 <small>yyyy/mm/dd</small>
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PROJECT NO: PRJ22005	DRAWING NO: <b>FIGURE 01</b>
DESIGNED	HS

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CLIENT:  

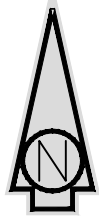
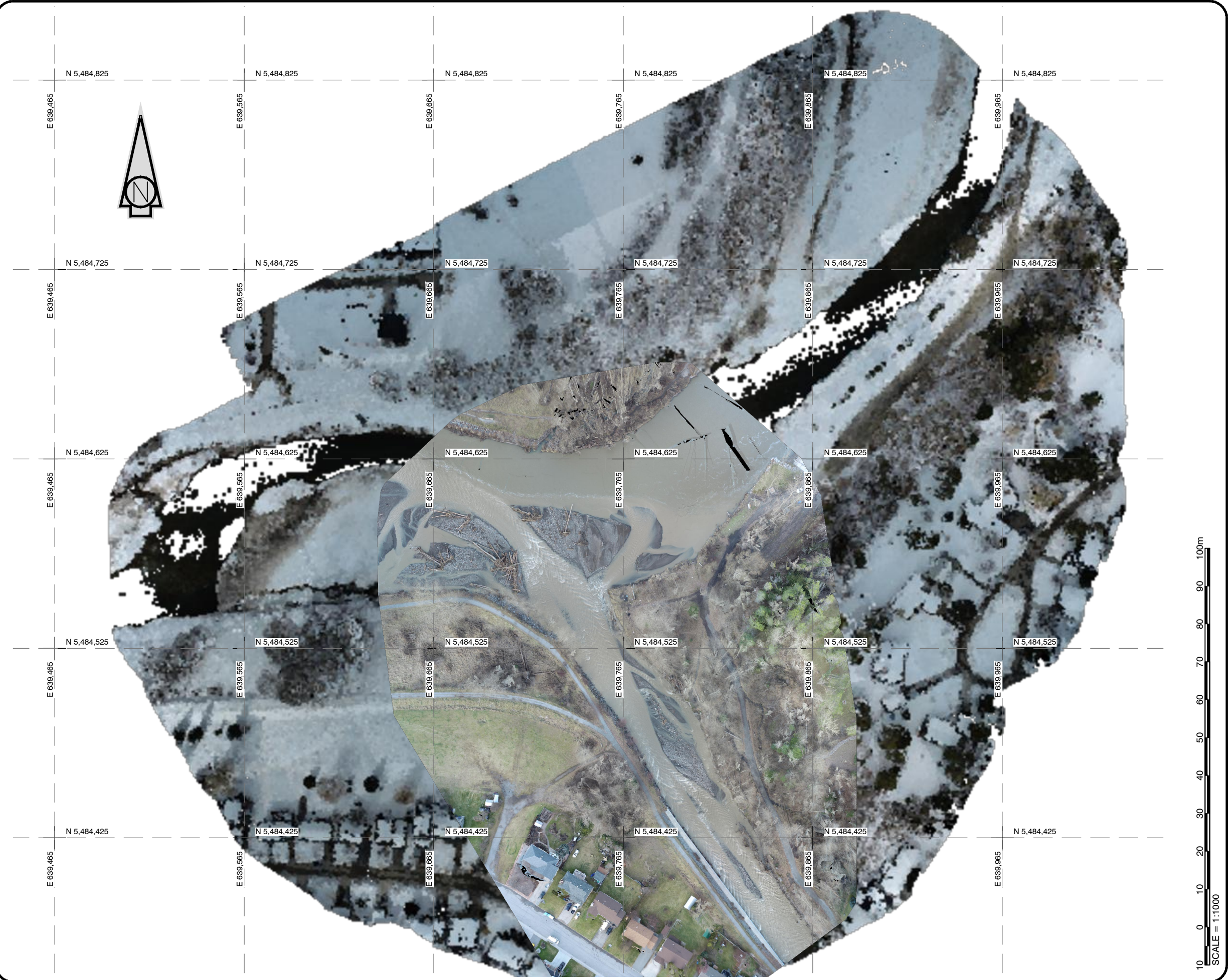
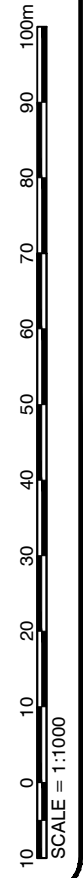

PROJECT:  
 ELK RIVER LIDAR & BATHYMETRIC MAPPING

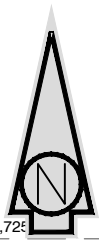
TITLE:  
**UAV PHOTOGRAMMTRIC MAPPING IN DEC. 2021**

SCALE: 1:1000	DESIGN DATE: 2022-02-23 <small>yyyy/mm/dd</small>	MAPPING DATE: 2021-12-02 <small>yyyy/mm/dd</small>
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PROJECT NO: PRJ22005	DRAWING NO: <b>FIGURE 02</b>
DESIGNED	HS

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**GEO MOUNT**  
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 LASER SCANNING, BIM AND AS-BUILT DRAWINGS  
 VR/AR APPLICATIONS

LEGEND:  
 — 0.25m EXISTING CONTOUR  
 — 1.25m EXISTING CONTOUR  
 — GRID LINES

ELEVATIONS TABLE		
COLOR	MIN EL.	MAX EL.
	-2.00	-1.75
	-1.75	-1.50
	-1.50	-1.25
	-1.25	-1.00
	-1.00	-0.75
	-0.75	-0.50
	-0.50	-0.25
	-0.25	0.00

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CLIENT:

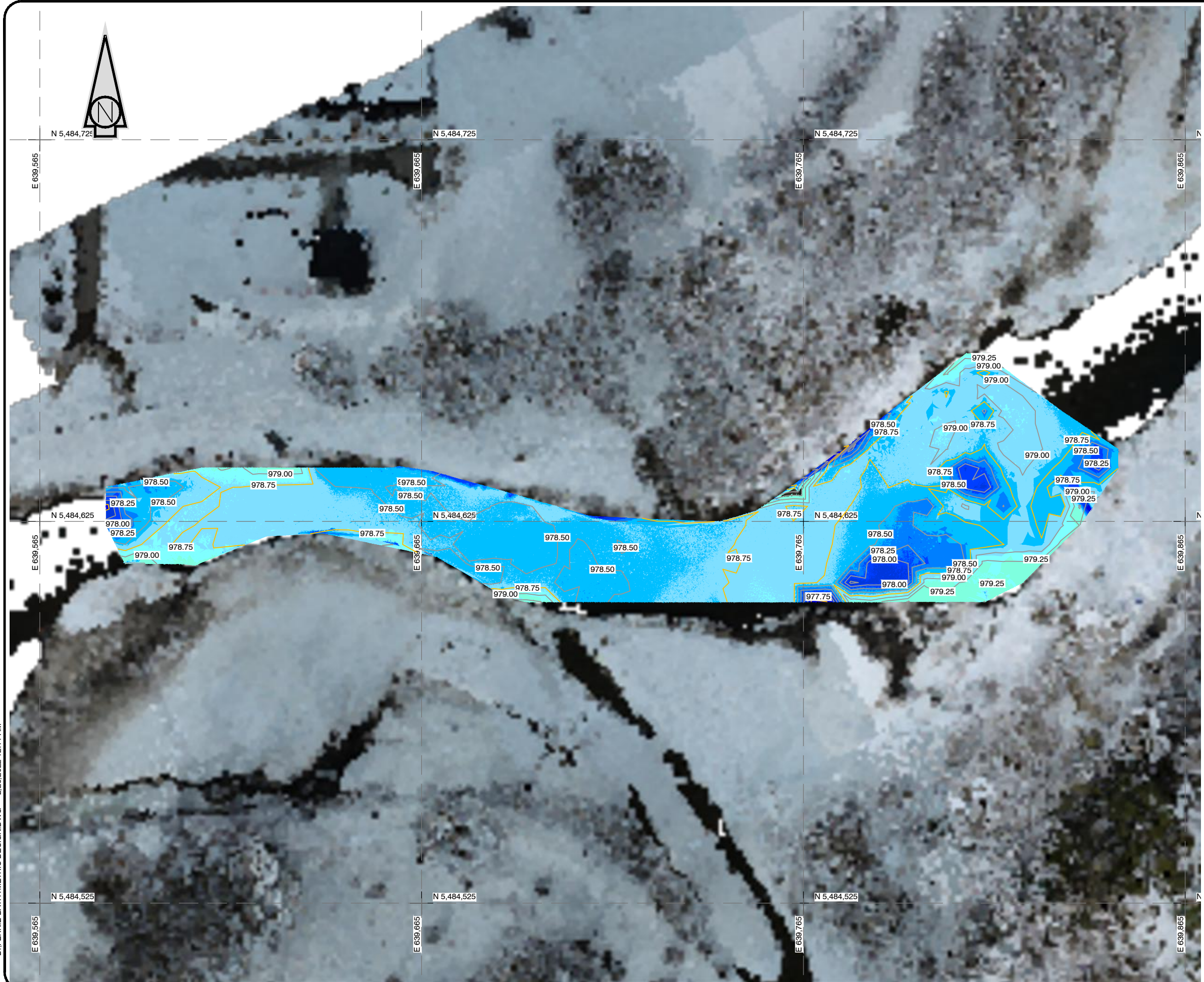
PROJECT:  
 ELK RIVER LIDAR & BATHYMETRIC MAPPING

TITLE:  
**WATER DEPTH BY ELEVATION**

SCALE: 1:1000	DESIGN DATE: 2022-02-23 <small>yyyy/mm/dd</small>	MAPPING DATE: 2022-02-18 <small>yyyy/mm/dd</small>
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PROJECT NO: PRJ22005	DRAWING NO: <b>FIGURE 03</b>
DESIGNED	HS

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 VR/AR APPLICATIONS

LEGEND:  
 — 0.25m EXISTING CONTOUR  
 — 1.25m EXISTING CONTOUR  
 — GRID LINES

ELEVATIONS TABLE		
COLOR	MIN EL.	MAX EL.
Dark Blue	-2.00	-1.75
Blue	-1.75	-1.50
Light Blue	-1.50	-1.25
Very Light Blue	-1.25	-1.00
Cyan	-1.00	-0.75
Light Cyan	-0.75	-0.50
Greenish Cyan	-0.50	-0.25
Light Green	-0.25	0.00

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CLIENT:  

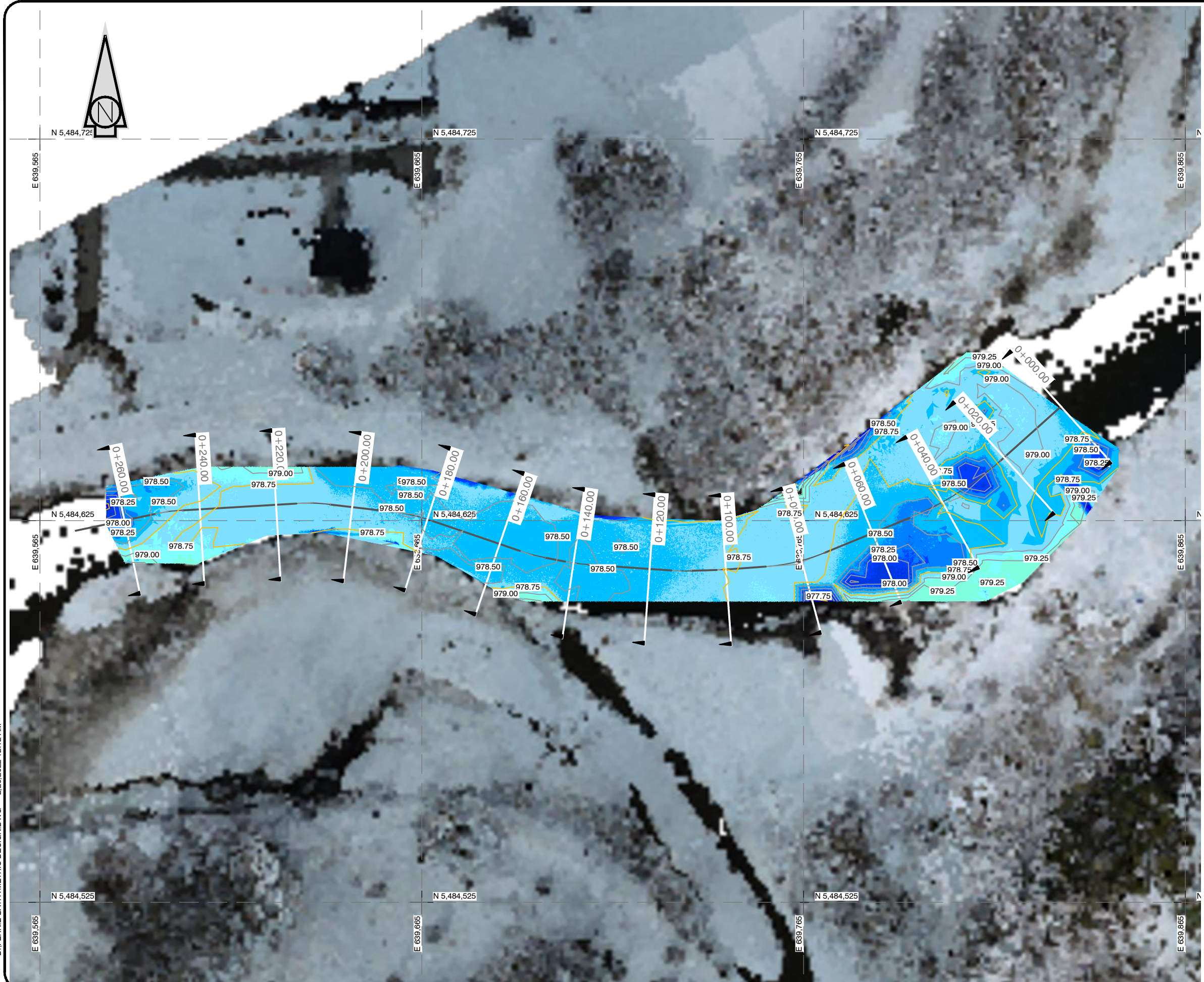

PROJECT:  
 ELK RIVER LIDAR & BATHYMETRIC MAPPING

TITLE:  
**WATER PROFILE & SECTIONS**

SCALE: 1:1250	DESIGN DATE: 2022-02-23 <small>yyyy/mm/dd</small>	MAPPING DATE: 2022-02-18 <small>yyyy/mm/dd</small>
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PROJECT NO: PRJ22005	DRAWING NO: <b>FIGURE 04</b>
DESIGNED	HS

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LEGEND:  
 --- LIDAR & WATER SURFACE  
 — RIVER BED ELEVATION

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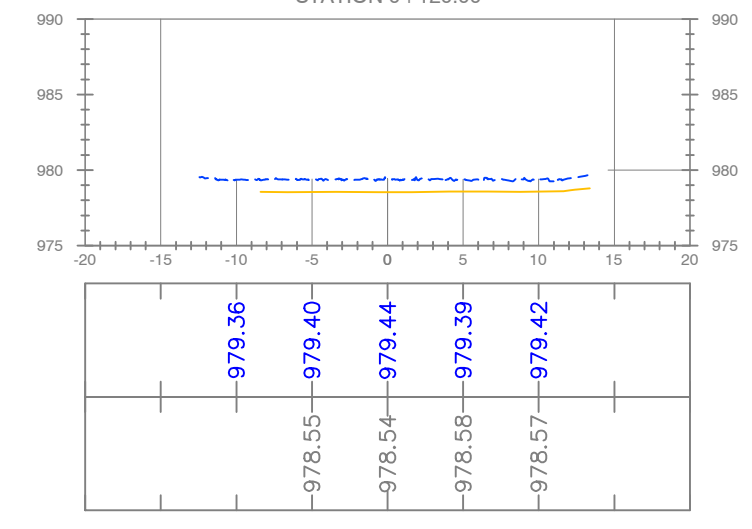
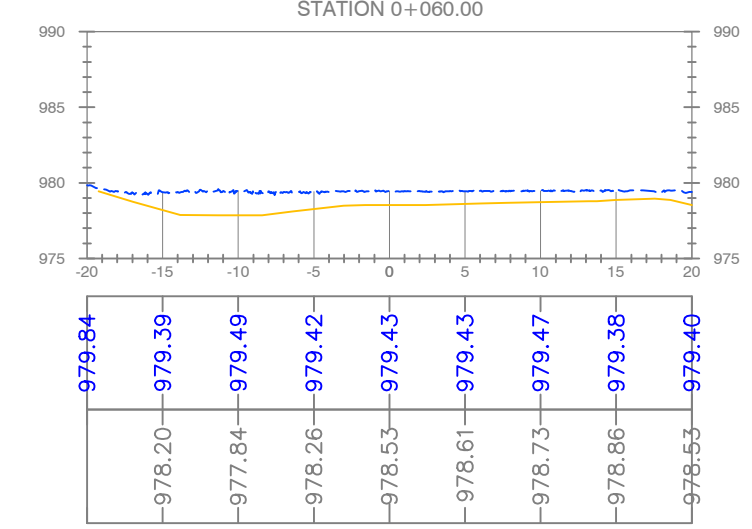
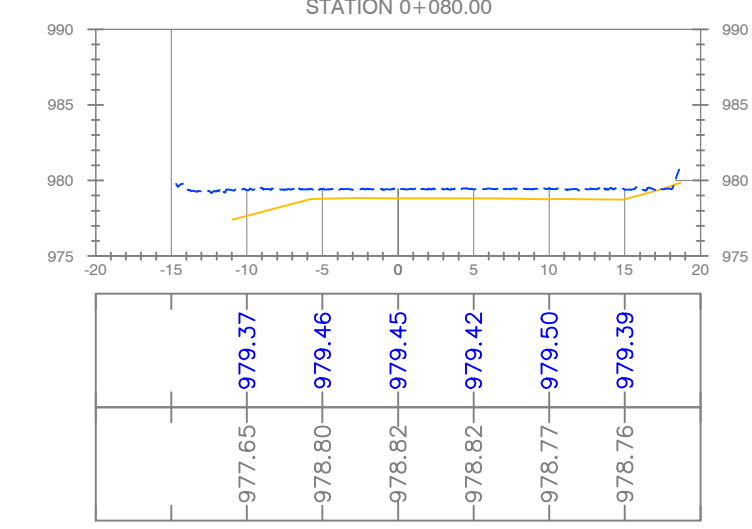
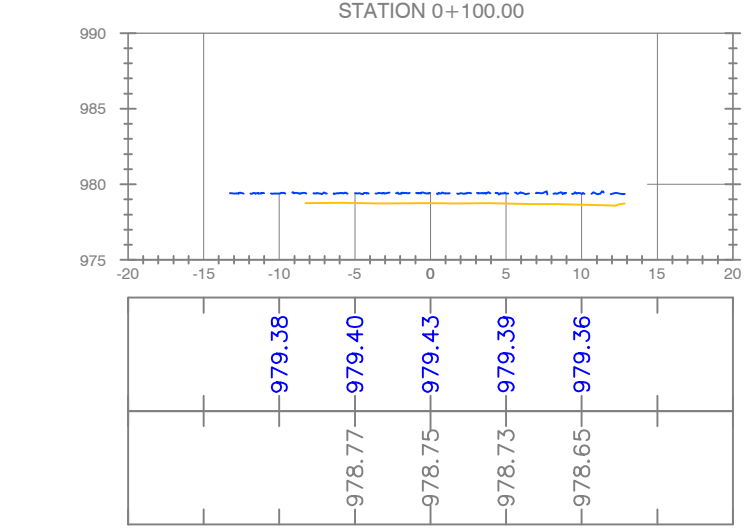
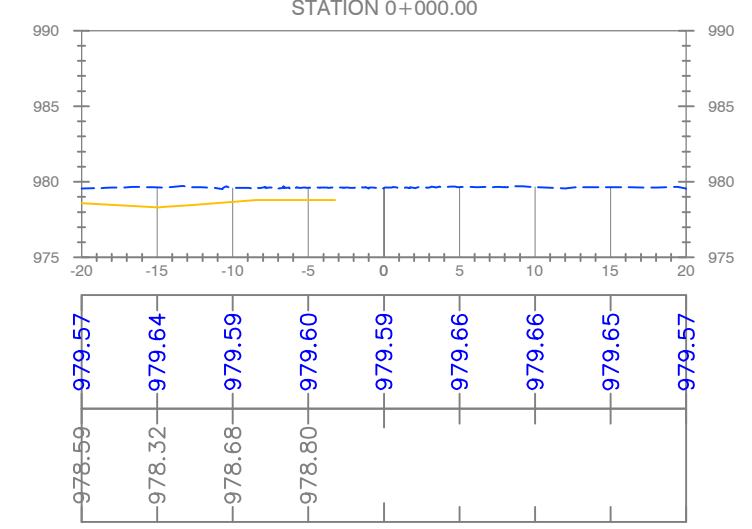
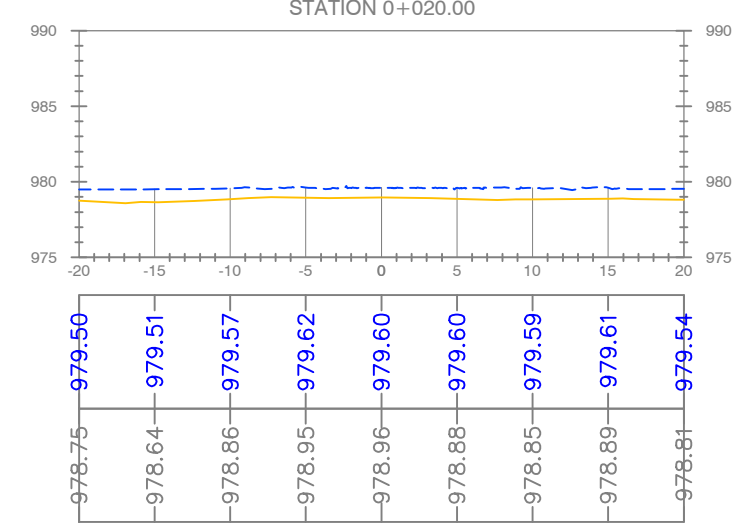
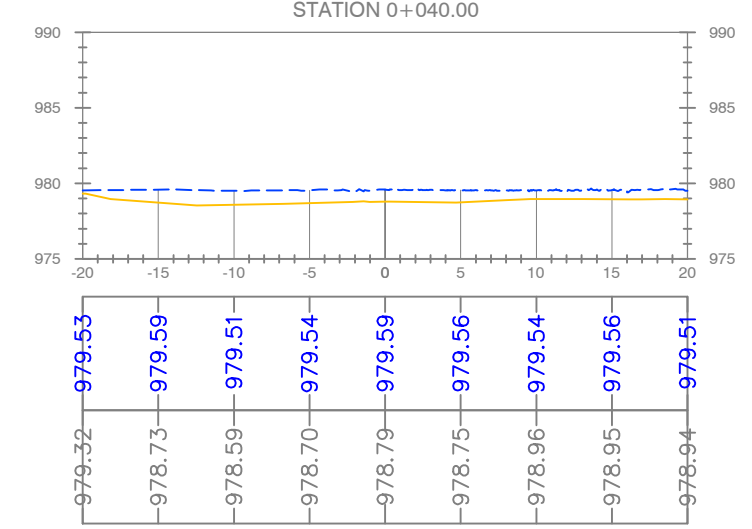
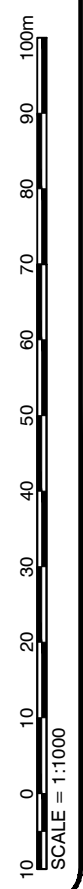
CLIENT:  


PROJECT:  
 ELK RIVER LIDAR & BATHYMETRIC MAPPING

TITLE:  
**SECTIONS 1-2  
 (0+00 - 0+120)**

SCALE: 1:1250	DESIGN DATE: 2022-02-23 <small>yyyy/mm/dd</small>	MAPPING DATE: 2022-02-18 <small>yyyy/mm/dd</small>
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PROJECT NO: PRJ22005	DRAWING NO: <b>FIGURE 05</b>
DESIGNED	HS



LEGEND:  
 - - - LIDAR & WATER SURFACE  
 — RIVER BED ELEVATION

THESE DRAWINGS ARE INTENDED TO REPRESENT THE SCOPE OF WORK. IT IS NOT APPROPRIATE FOR CONSTRUCTION.

CLIENT:  


PROJECT:  
 ELK RIVER LIDAR & BATHYMETRIC MAPPING

TITLE:  
**SECTIONS 2-2  
 (0+140 - 0+260)**

SCALE: 1:1250	DESIGN DATE: 2022-02-23 <small>yyyy/mm/dd</small>	MAPPING DATE: 2022-02-18 <small>yyyy/mm/dd</small>
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PROJECT NO: PRJ22005	DRAWING NO: <b>FIGURE 06</b>
DESIGNED	HS

