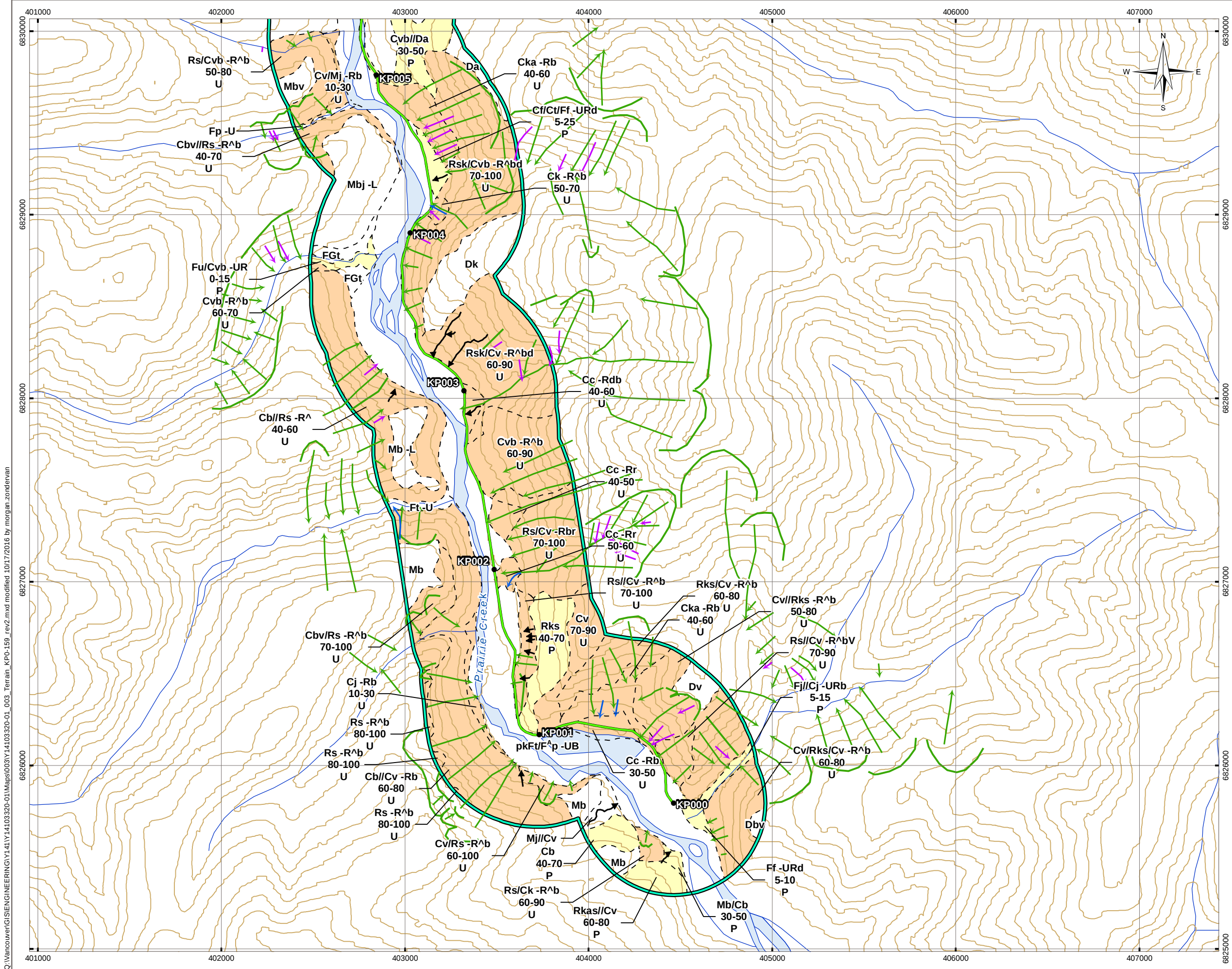




LEGEND

1 km Buffer

Field Site

- Ground-based Observation
- Airborne Observation
- TFSA

--- Terrain Boundary

Slope Stability Class

- P Potentially Unstable Terrain
- U Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

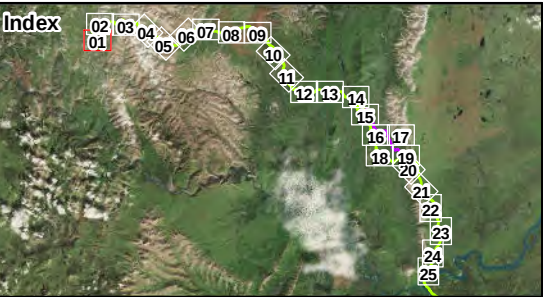
Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

- Gully
- Landslide Failure Scar Large (1949)
- Landslide Failure Scar Large (1994)
- Landslide Failure Scar Large (2012)
- Landslide Head Scarp Large (1949)
- Contour (40 m)
- Watercourse
- Waterbody



NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION
UTM Zone 10

DATUM
NAD83

CLIENT



Scale: 1:20,000
400 200 0 400
Metres



FILE NO.
Y14103320-01_003_Terrain_KP0-159_rev2.mxd

PROJECT NO.
Y14103320-01.003

DWN
MEZ

CKD
SL

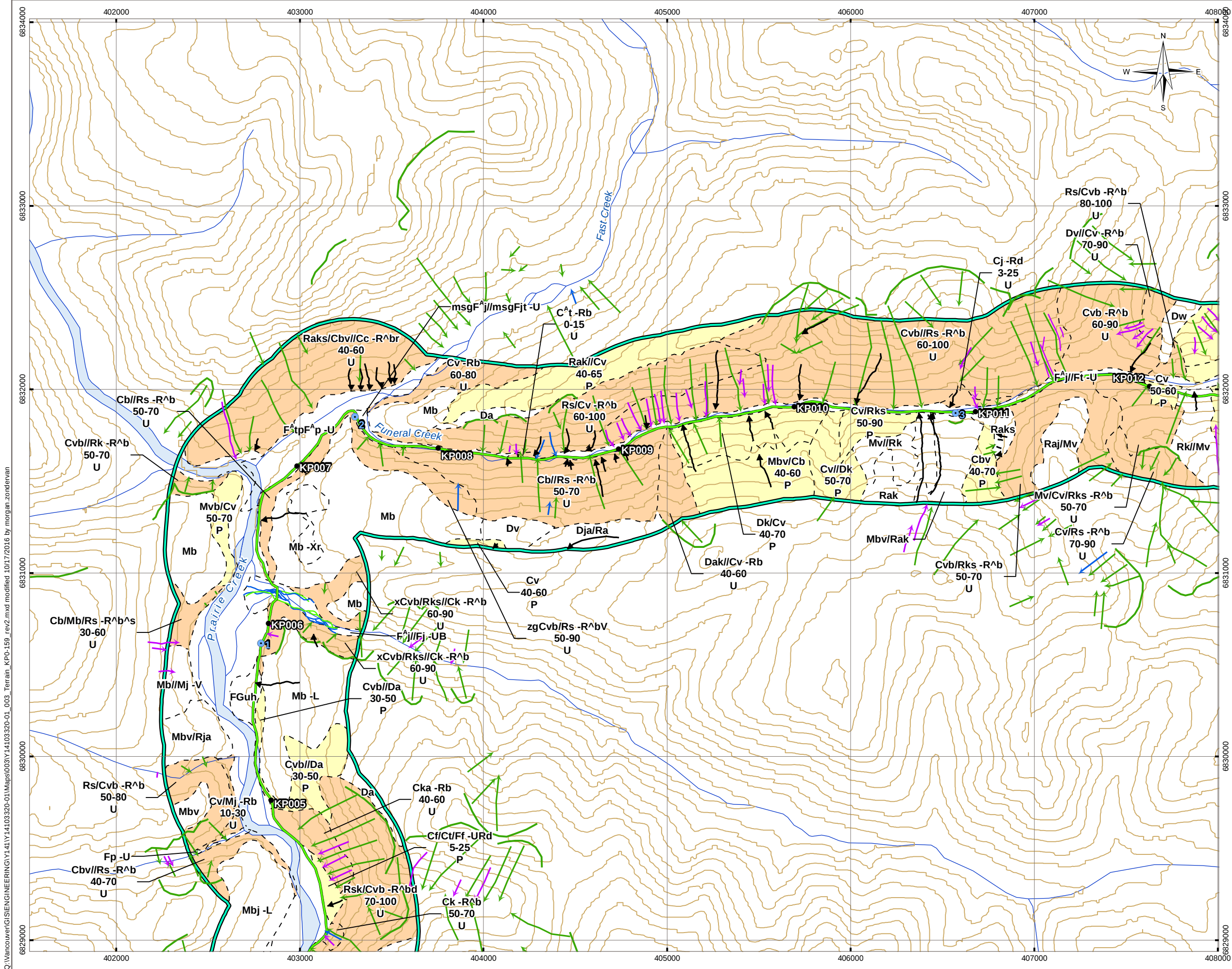
APVD
SMC

REV
2

OFFICE
T/EBA-VANC

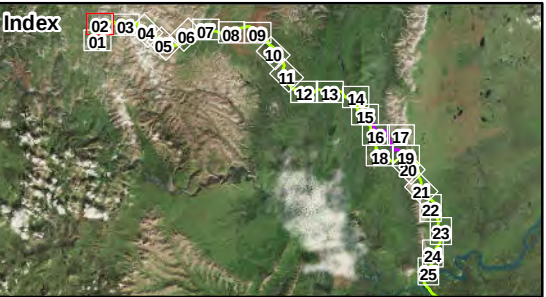
DATE
October 17, 2016

Figure A01



LEGEND

- 1 km Buffer
- Field Site
 - Ground-based Observation
 - Airborne Observation
 - TFSA
- Terrain Boundary
- Slope Stability Class
 - P Potentially Unstable Terrain
 - U Unstable Terrain
- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)
- Geology
 - Gully
 - Landslide Failure Scar Large (1949)
 - Landslide Failure Scar Large (1994)
 - Landslide Failure Scar Large (2012)
 - Landslide Head Scarp Large (1949)
 - River Position (1949)
 - River Position (1994)
 - River Position (Post-1994)
 - Contour (40 m)
 - Watercourse
 - Waterbody

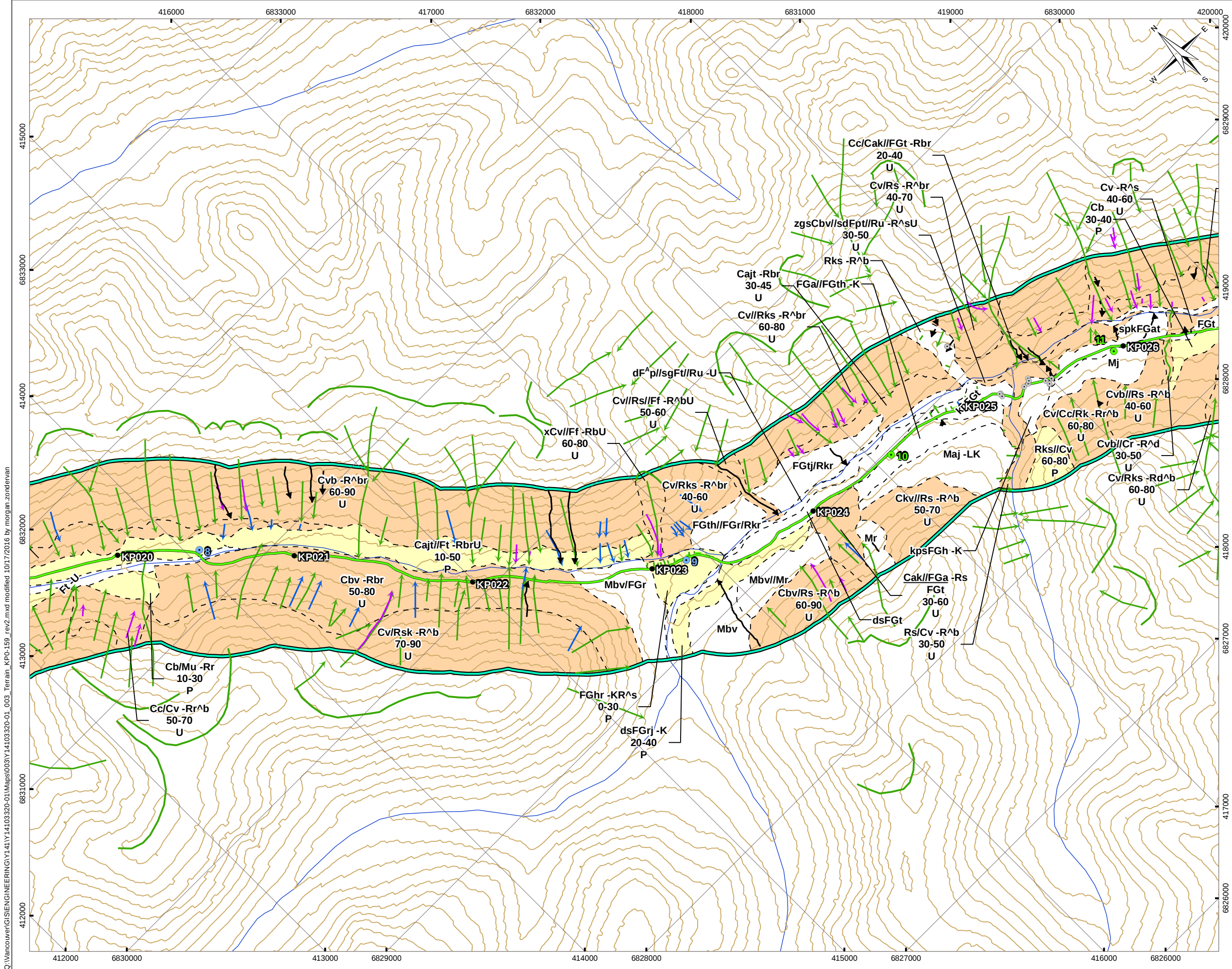


NOTES
Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981
STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 400 200 0 400 Metres		FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
OFFICE T/EBA-VANC	DATE October 17, 2016	APVD SMC
		REV 2
Figure A02		



LEGEND

1 km Buffer

Field Site

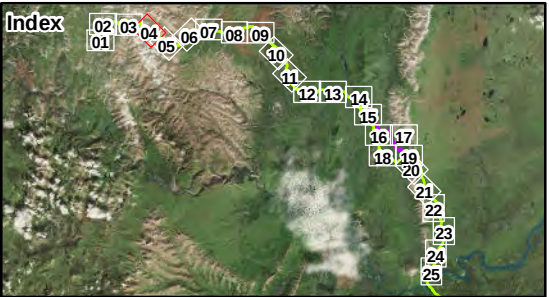
- Ground-based Observation
- Airborne Observation
- TFSA
- Terrain Boundary

Slope Stability Class

- Potentially Unstable Terrain
- Unstable Terrain
- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)

Geology

- Gully
- Landslide Failure Scar Large (1949)
- Landslide Failure Scar Large (1994)
- Landslide Failure Scar Large (2012)
- Landslide Head Scarp Large (1949)
- Contour (40 m)
- Watercourse
- Waterbody

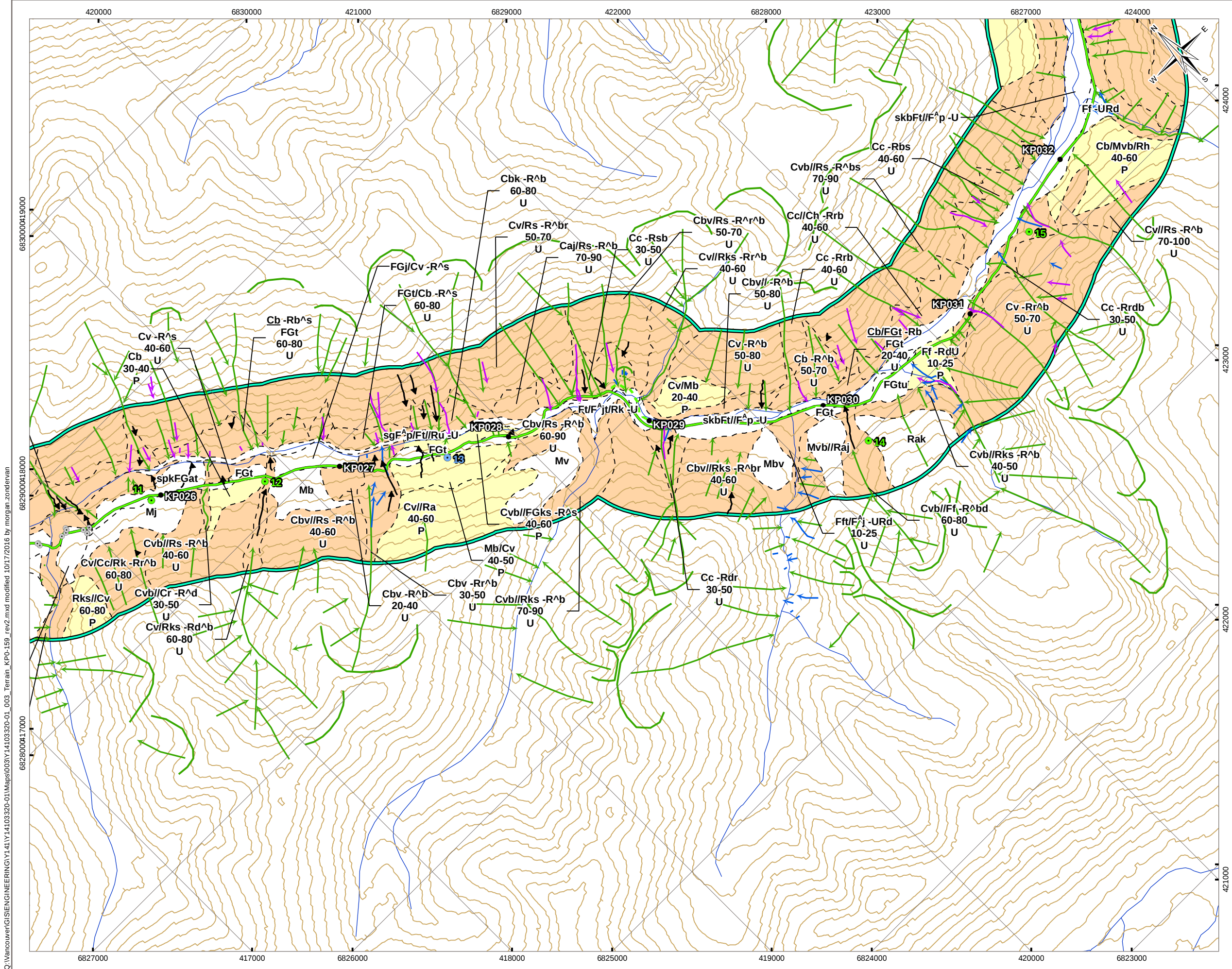


NOTES
Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981
STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

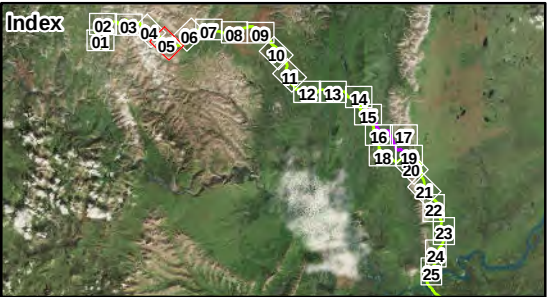
Modified Terrain Stability Mapping

PROJECTION UTM Zone 10		DATUM NAD83		CLIENT CANADIAN ZINC CORPORATION	
Scale: 1:20,000 400 200 0 400 Metres		FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd		TETRA TECH EBA	
PROJECT NO. Y14103320-01.003		DWN MEZ	CKD SL	APVD SMC	REV 2
OFFICE T/EBA-VANC		DATE October 17, 2016		Figure A04	



LEGEND

- 1 km Buffer
- Field Site
 - Ground-based Observation
 - Airborne Observation
 - TFSA
- Terrain Boundary
- Slope Stability Class
 - P Potentially Unstable Terrain
 - U Unstable Terrain
- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)
- Geology
 - Gully
 - Landslide Failure Scar Large (1949)
 - Landslide Failure Scar Large (1994)
 - Landslide Failure Scar Large (2012)
 - Landslide Head Scarp Large (1949)
 - Slide Block (1949)
 - Contour (40 m)
 - Watercourse
 - Waterbody



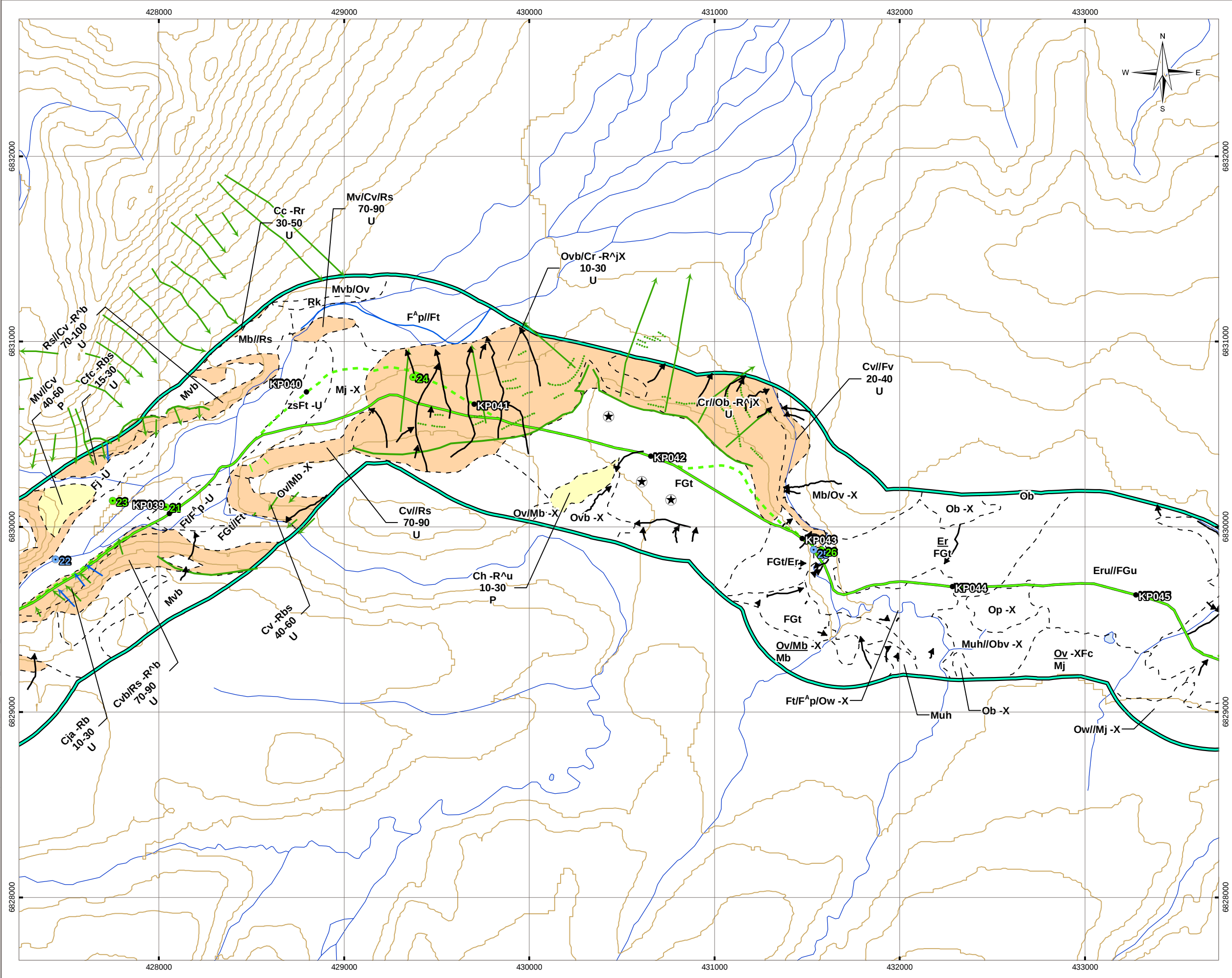
NOTES
Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981
STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10		DATUM NAD83		CLIENT  CANADIAN ZINC CORPORATION	
Scale: 1:20,000 400 200 0 400  Metres		 TETRA TECH EBA			
FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd					
PROJECT NO. Y14103320-01.003		DWN MEZ	CKD SL	APVD SMC	REV 2
OFFICE Tl EBA-VANC		DATE October 17, 2016		Figure A05	

Q:\Vancouver\GIS\ENGINEERING\Y141\Y14103320-01\Maps\003\Y14103320-01_003_Terrain_KP0-159_rev2.mxd modified 10/17/2016 by morgan.zondervan



LEGEND

1 km Buffer

●

Field Site

●

Ground-based Observation

●

Airborne Observation

●

TFSA

Terrain Boundary

Slope Stability Class

P

Potentially Unstable Terrain

U

Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

Gully

★

Possible Sinkhole or Kettle

Landslide Failure Scar Large (1949)

Landslide Failure Scar Large (1994)

Landslide Head Scarp Large (1949)

Slide Block (1949)

River Position (1949)

River Position (1994)

Contour (40 m)

Watercourse

Waterbody

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

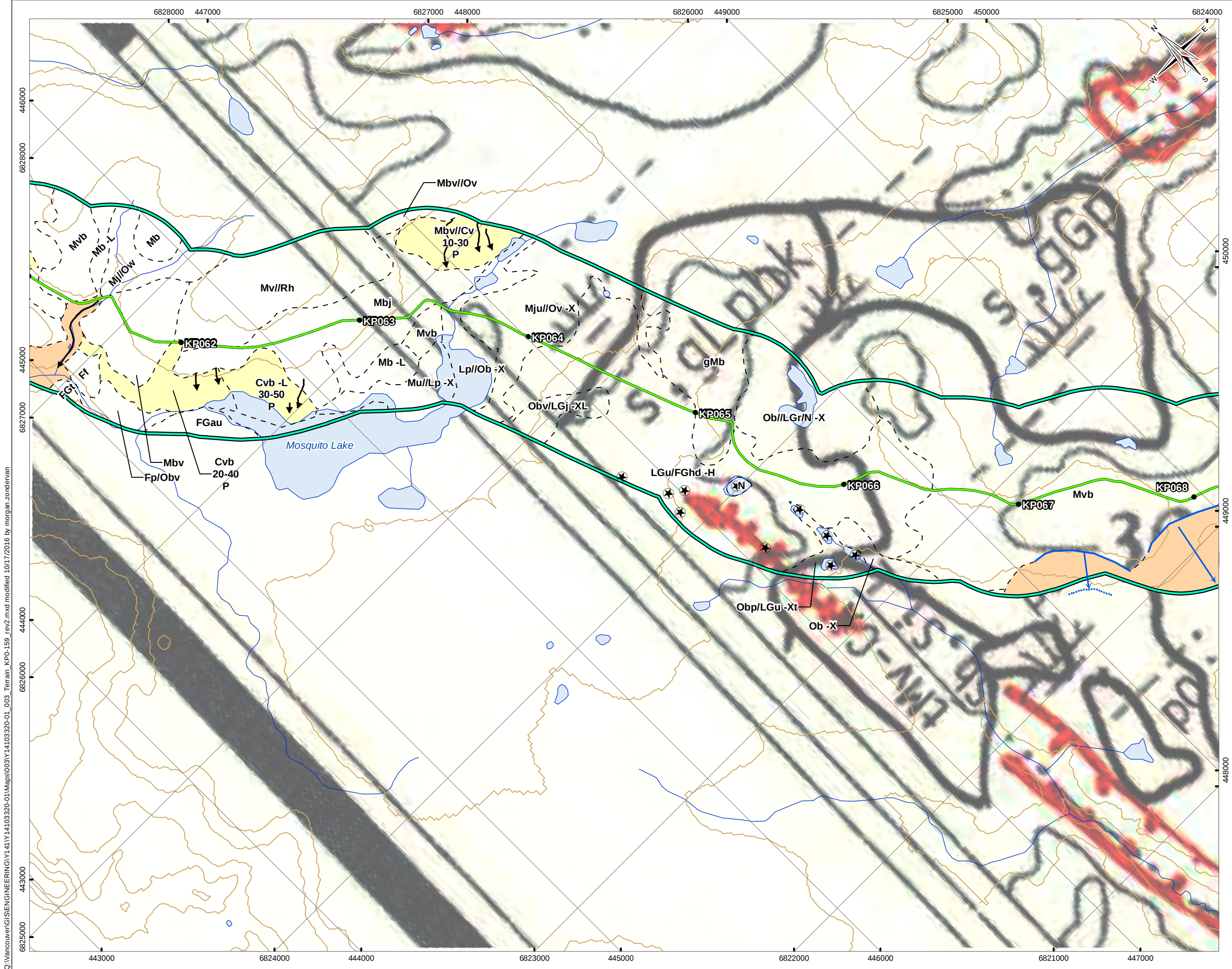
STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

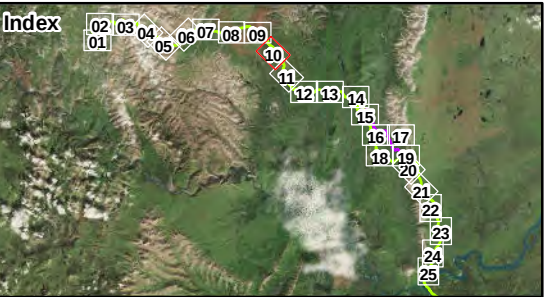
Modified Terrain Stability Mapping

PROJECTION	DATUM	CLIENT
UTM Zone 10	NAD83	CANADIAN ZINC CORPORATION
Scale: 1:20,000 400 200 0 400 Metres		TETRA TECH EBA
FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd		
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
APVD SMC	REV 2	Figure A07
OFFICE TlEBA-VANC	DATE October 17, 2016	



LEGEND

- 1 km Buffer
- Field Site
 - Ground-based Observation
 - Airborne Observation
 - TFSA
- Terrain Boundary
- Slope Stability Class
 - P Potentially Unstable Terrain
 - U Unstable Terrain
- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)
- Geology
 - Gully
 - Possible Sinkhole or Kettle
 - Landslide Failure Scar Large (1949)
 - Landslide Failure Scar Large (1994)
 - Landslide Failure Scar Large (2012)
 - Landslide Head Scarp Large (1994)
 - Slide Block (1994)
 - Contour (40 m)
 - Watercourse
 - Waterbody

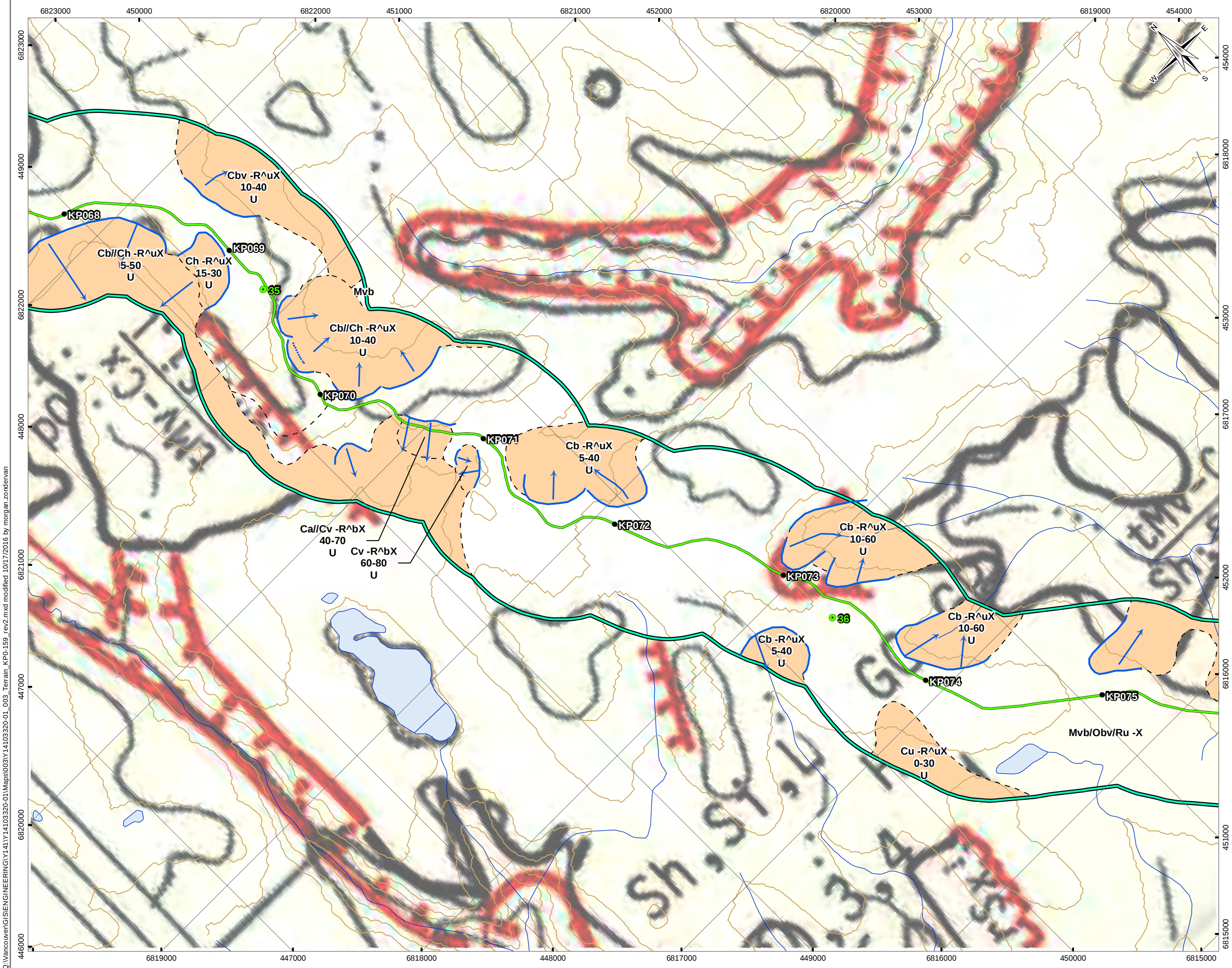


NOTES
Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981
STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10		DATUM NAD83		CLIENT  CANADIAN ZINC CORPORATION	
400 200 0 400 Scale: 1:20,000  Metres				 TETRA TECH EBA	
FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd					
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL	APVD SMC	REV 2	Figure A10
OFFICE Tl EBA-VANC	DATE October 17, 2016				



LEGEND

1 km Buffer

Field Site

- Ground-based Observation
- Airborne Observation
- TFSA

Slope Stability Class

- Potentially Unstable Terrain
- Unstable Terrain

- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)
- Landslide Failure Scar Large (1994)
- Landslide Head Scarp Large (1994)
- Slide Block (1994)
- Contour (40 m)
- Watercourse
- Waterbody

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS
ISSUED FOR REVIEW

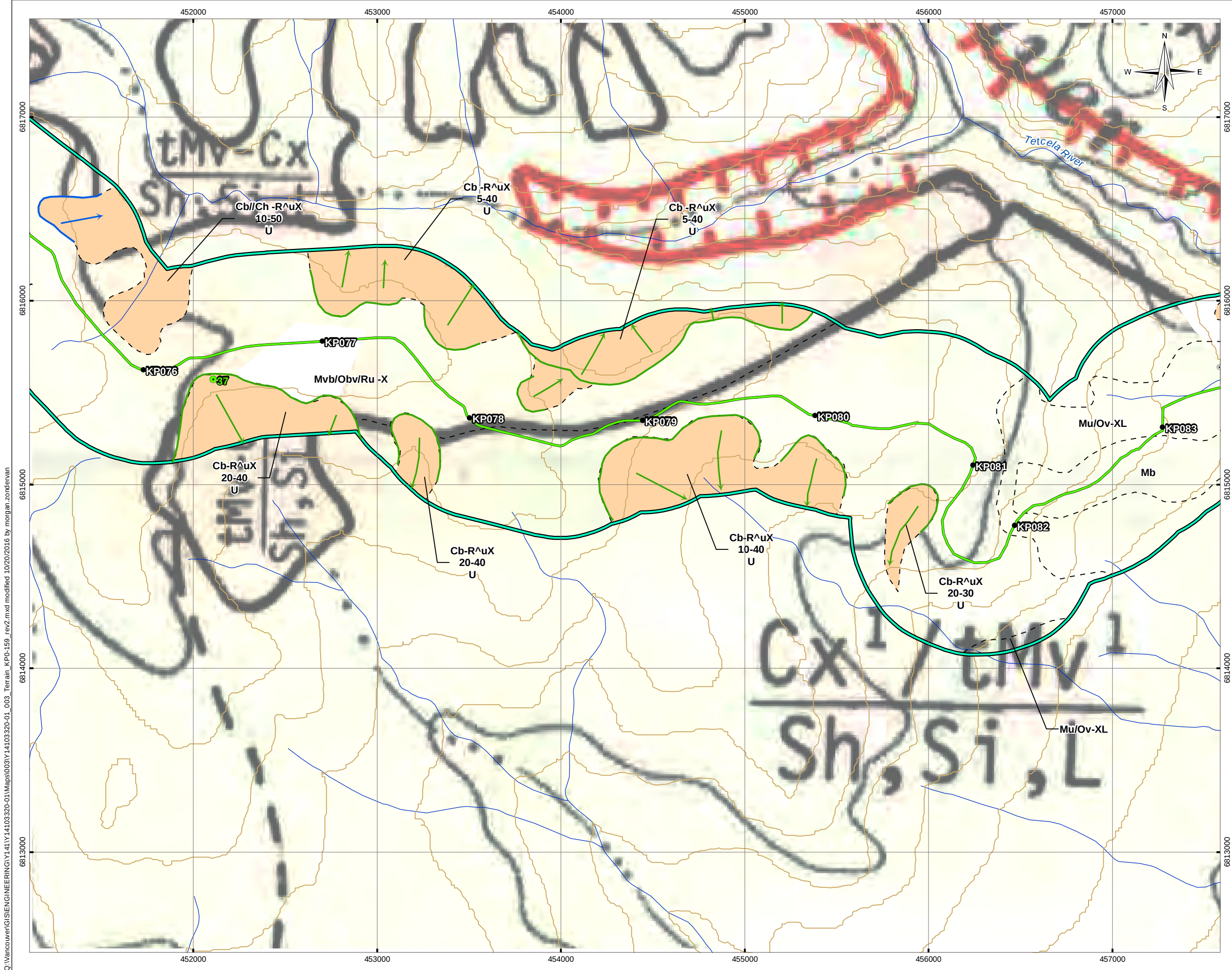
PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 400 200 0 400 Metres		

FILE NO.
Y14103320-01_003_Terrain_KP0-159_rev2.mxd

PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL	APVD SMC	REV 2
OFFICE TlEBA-VANC	DATE October 17, 2016			Figure A11



LEGEND

1 km Buffer

Field Site

Ground-based Observation

Airborne Observation

TFSA

Terrain Boundary

Slope Stability Class

P Potentially Unstable Terrain

U Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Landslide Failure Scar Large (1949)

Landslide Failure Scar Large (1994)

Landslide Head Scarp Large (1949)

Landslide Head Scarp Large (1994)

Contour (40 m)

Watercourse

Waterbody

Index

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

NOTES

Base data source: CanVec; GeoBase.

Surficial Geology based on Hawes, 1980 and 1981

STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION

UTM Zone 10

DATUM

NAD83

CLIENT

CANADIAN ZINC CORPORATION

Scale: 1:20,000

400 200 0 400

Metres

FILE NO.

Y14103320-01_003_Terrain_KP0-159_rev2.mxd

PROJECT NO.

Y14103320-01.003

DWN

MEZ

CKD

SL

APVD

SMC

REV

2

OFFICE

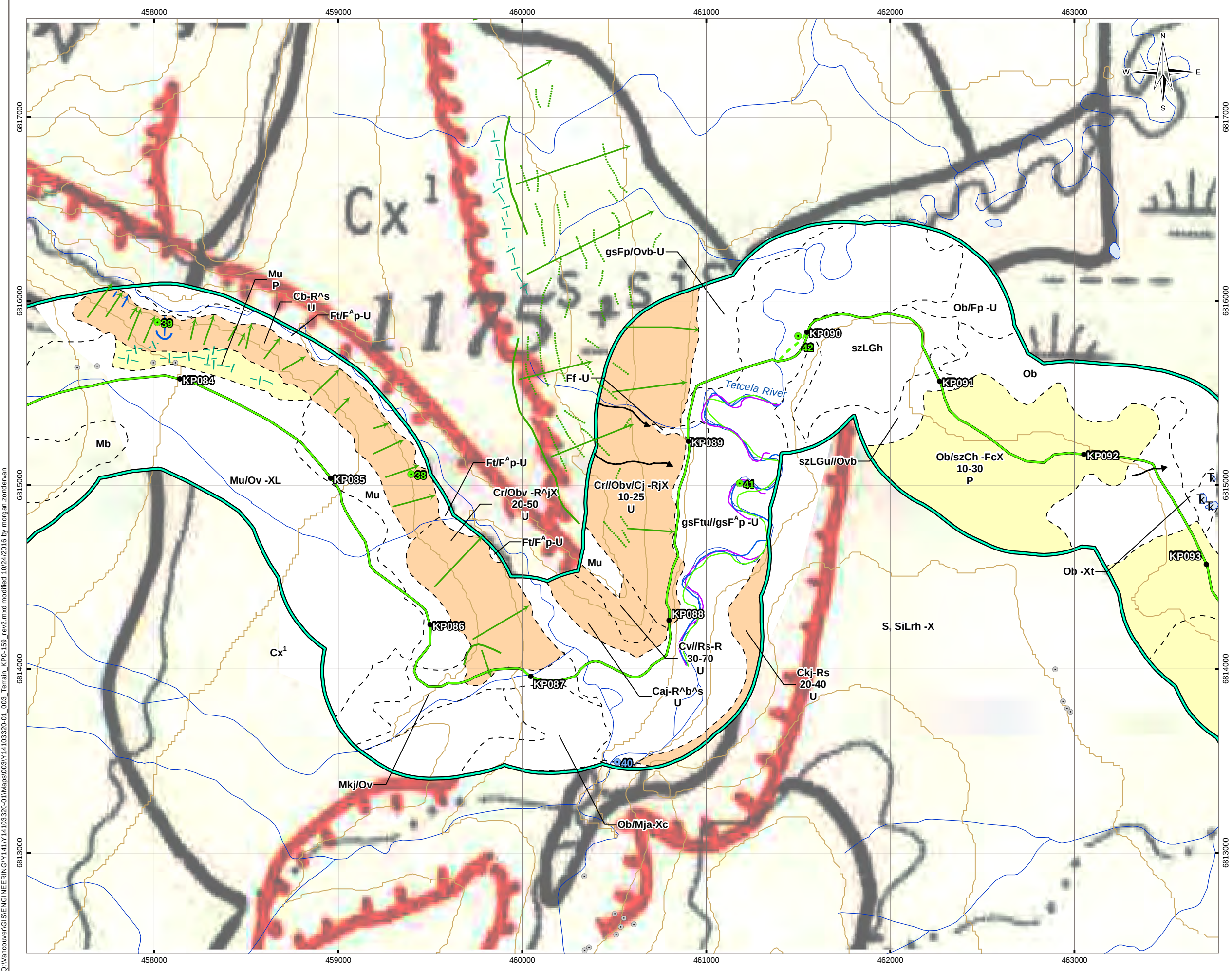
TiEBA-VANC

DATE

October 20, 2016

Figure A12

Q:\Vancouver\GIS\ENGINEERING\Y141\Y14103320-01\Maps\003\Y14103320-01_003_Terrain_KP0-159_rev2.mxd modified 10/20/2016 by morgan.zondervan



LEGEND

1 km Buffer

Field Site

- Ground-based Observation
- Airborne Observation
- TFSA

--- Terrain Boundary

Slope Stability Class

- P Potentially Unstable Terrain
- U Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

Gully

Thermokarst Terrain

Landslide Failure Scar Large (1949)

Landslide Failure Scar Large (1994)

Landslide Head Scarp Large (1949)

Landslide Head Scarp Large (1994)

Slide Block (1949)

River Position (1949)

River Position (1994)

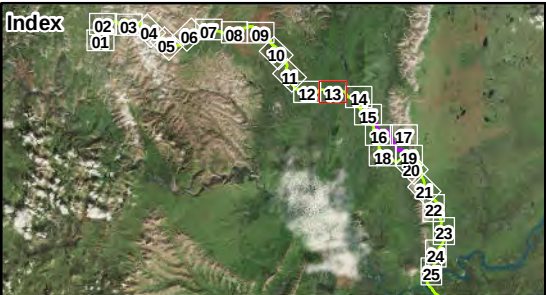
River Position (Post-1994)

Tension Crack (1949)

Contour (40 m)

Watercourse

Waterbody



NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

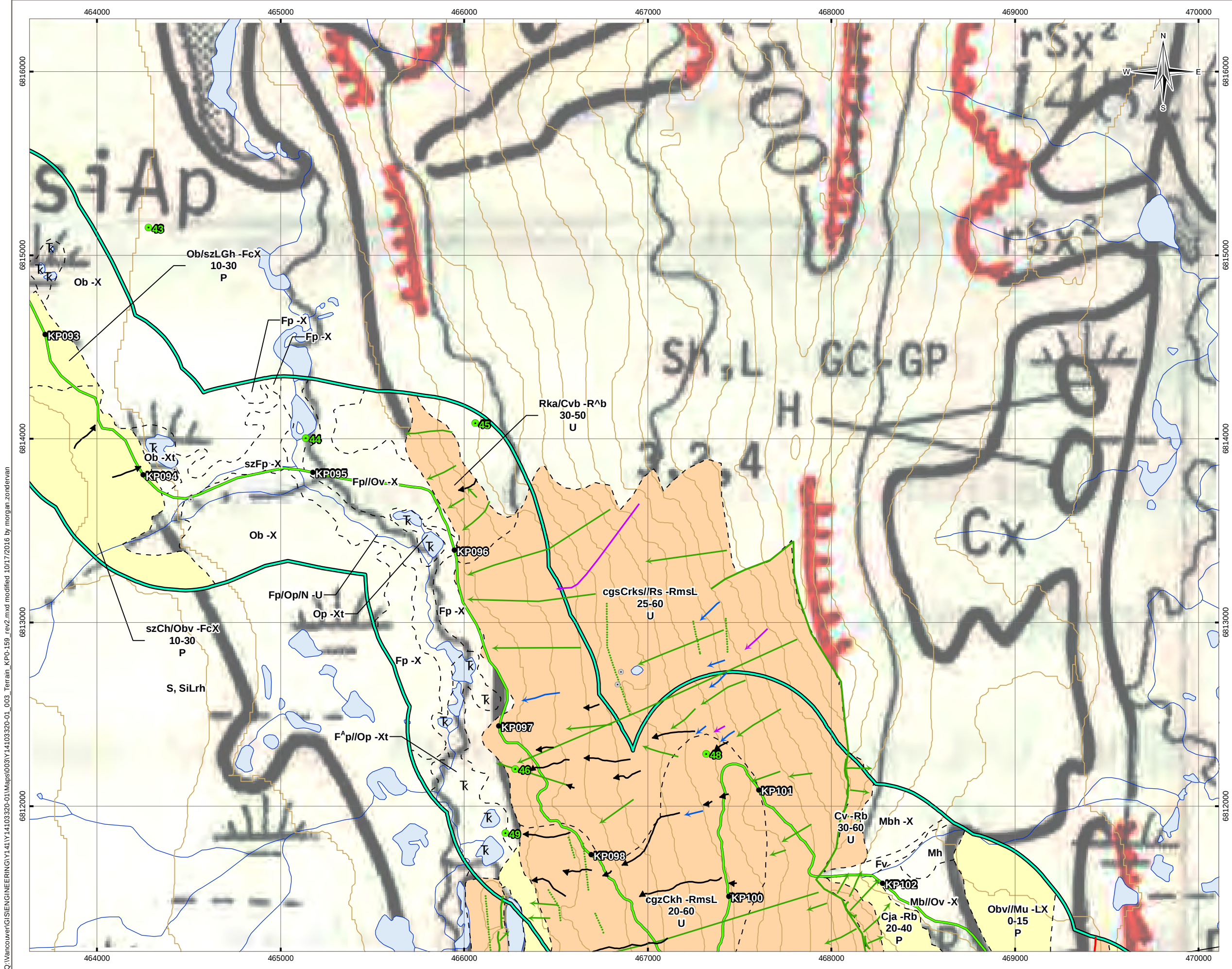
STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT 
Scale: 1:20,000 400 200 0 400 Metres		
FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd	TETRA TECH EBA	
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
APVD SMC	REV 2	
OFFICE TlEBA-VANC	DATE October 24, 2016	Figure A13



LEGEND

1 km Buffer

Field Site

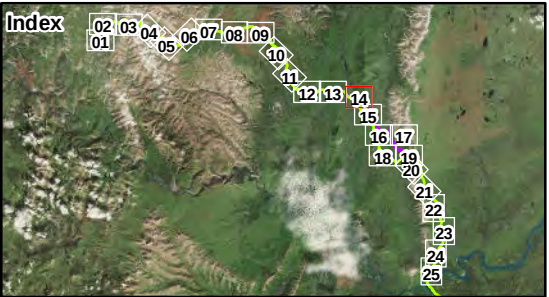
- Ground-based Observation
- Airborne Observation
- TFSA
- Terrain Boundary

Slope Stability Class

- Potentially Unstable Terrain
- Unstable Terrain
- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)

Geology

- Gully
- Thermokarst Terrain
- Landslide Failure Scar Large (1949)
- Landslide Failure Scar Large (1994)
- Landslide Failure Scar Large (2012)
- Landslide Head Scarp Large (1949)
- Landslide Head Scarp Large (1962)
- Slide Block (1949)
- Contour (40 m)
- Watercourse
- Waterbody

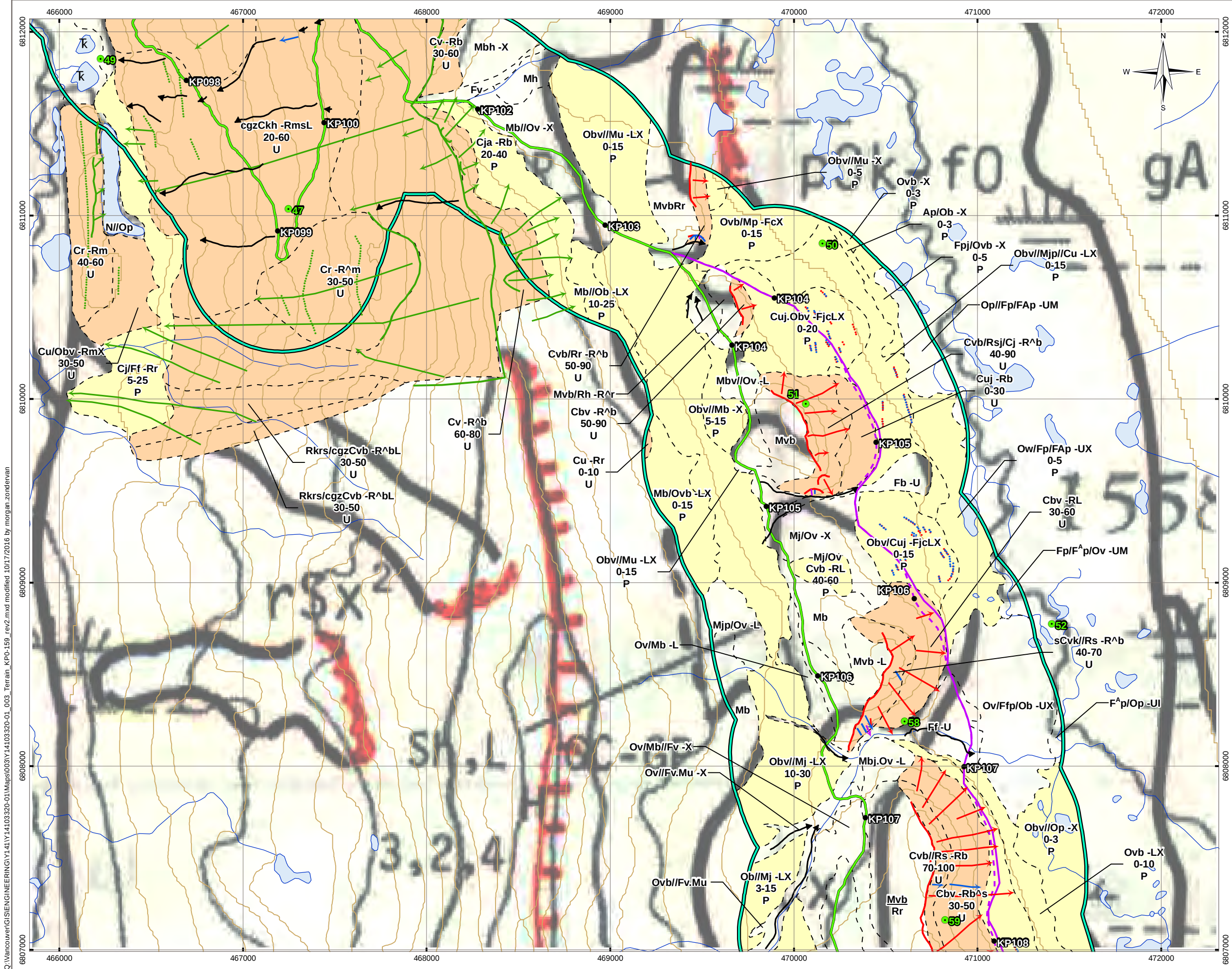


NOTES
Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981
STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10		DATUM NAD83		CLIENT  CANADIAN ZINC CORPORATION	
Scale: 1:20,000 4002000400  Metres					
FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd					
PROJECT NO. Y14103320-01.003		DWN MEZ	CKD SL	APVD SMC	REV 2
OFFICE Tl EBA-VANC		DATE October 17, 2016		Figure A14	



LEGEND

1 km Buffer

Field Site

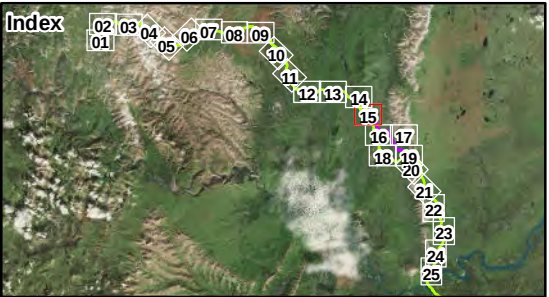
- Ground-based Observation
- Airborne Observation
- TFSA

Slope Stability Class

- Potentially Unstable Terrain
- Unstable Terrain
- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)

Geology

- Gully
- Thermokarst Terrain
- Landslide Failure Scar Large (1949)
- Landslide Failure Scar Large (1962)
- Landslide Failure Scar Large (1994)
- Landslide Failure Scar Large (2012)
- Landslide Head Scarp Large (1949)
- Landslide Head Scarp Large (1962)
- Landslide Head Scarp Large (1994)
- Slide Block (1949)
- Slide Block (1962)
- Slide Block (1994)
- Contour (40 m)
- Watercourse
- Waterbody



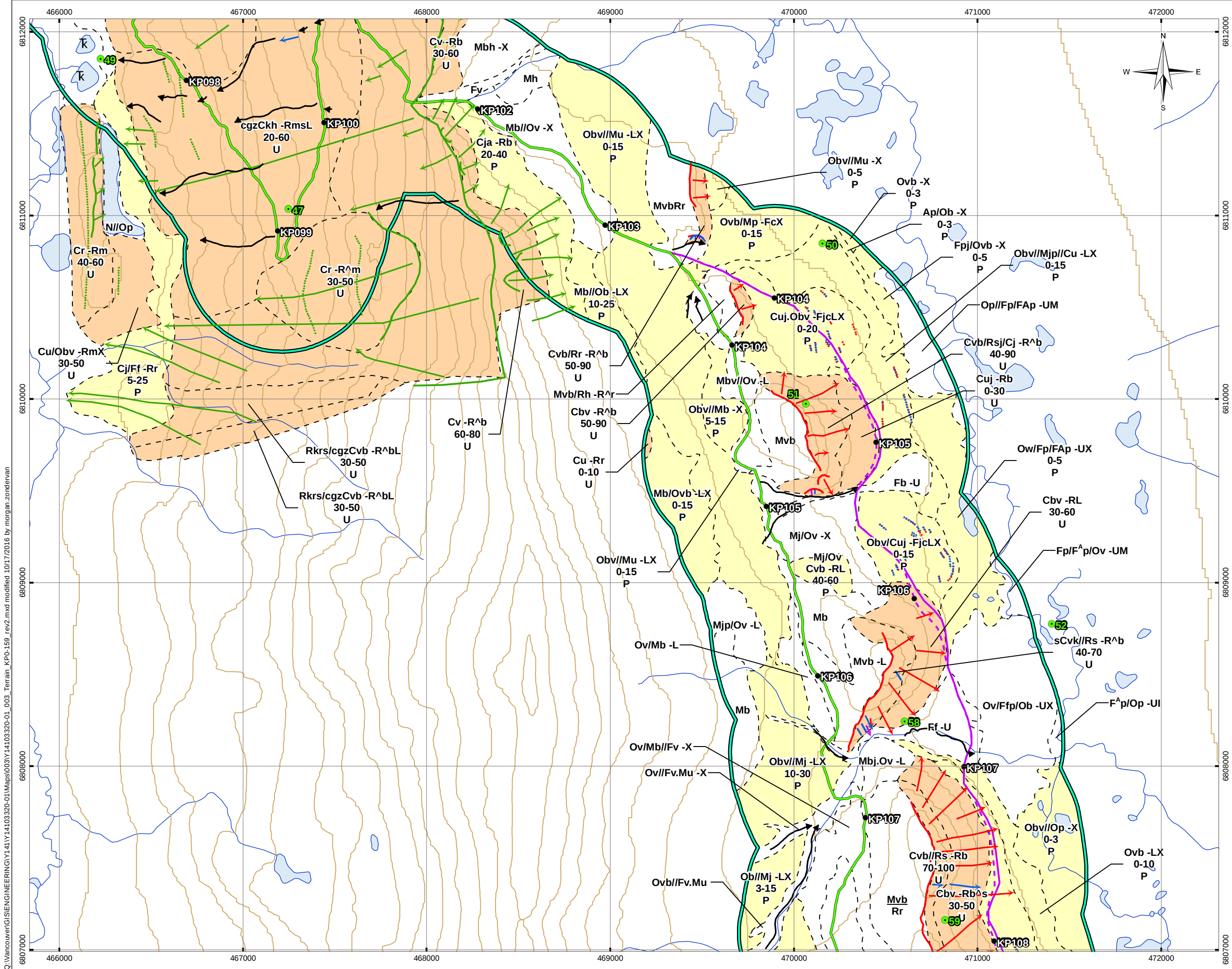
NOTES
Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10		DATUM NAD83		CLIENT  CANADIAN ZINC CORPORATION	
Scale: 1:20,000 400 200 0 400  Metres				 TETRA TECH EBA	
FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd					
PROJECT NO. Y14103320-01.003		DWN MEZ	CKD SL	APVD SMC	REV 2
OFFICE Tl EBA-VANC		DATE October 17, 2016		Figure A15a	



LEGEND

1 km Buffer

Field Site

- Ground-based Observation
- Airborne Observation
- TFSA

--- Terrain Boundary

Slope Stability Class

- P Potentially Unstable Terrain
- U Unstable Terrain

--- Prairie Creek Access Road (Apr 5, 2016)

--- Prairie Creek Access Road (Feb 24, 2015)

--- Alternative Alignment (Apr 5, 2016)

--- Alternative Alignment (July 30, 2015)

Geology

--- Gully

K Thermokarst Terrain

--- Landslide Failure Scar Large (1949)

--- Landslide Failure Scar Large (1962)

--- Landslide Failure Scar Large (1994)

--- Landslide Failure Scar Large (2012)

--- Landslide Head Scarp Large (1949)

--- Landslide Head Scarp Large (1962)

--- Landslide Head Scarp Large (1994)

--- Slide Block (1949)

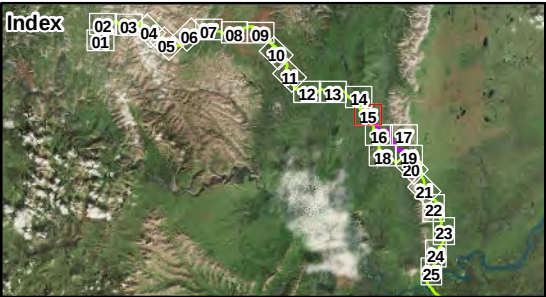
--- Slide Block (1962)

--- Slide Block (1994)

--- Contour (40 m)

--- Watercourse

--- Waterbody



NOTES

Base data source: CanVec; GeoBase.

Surficial Geology based on Hawes, 1980 and 1981

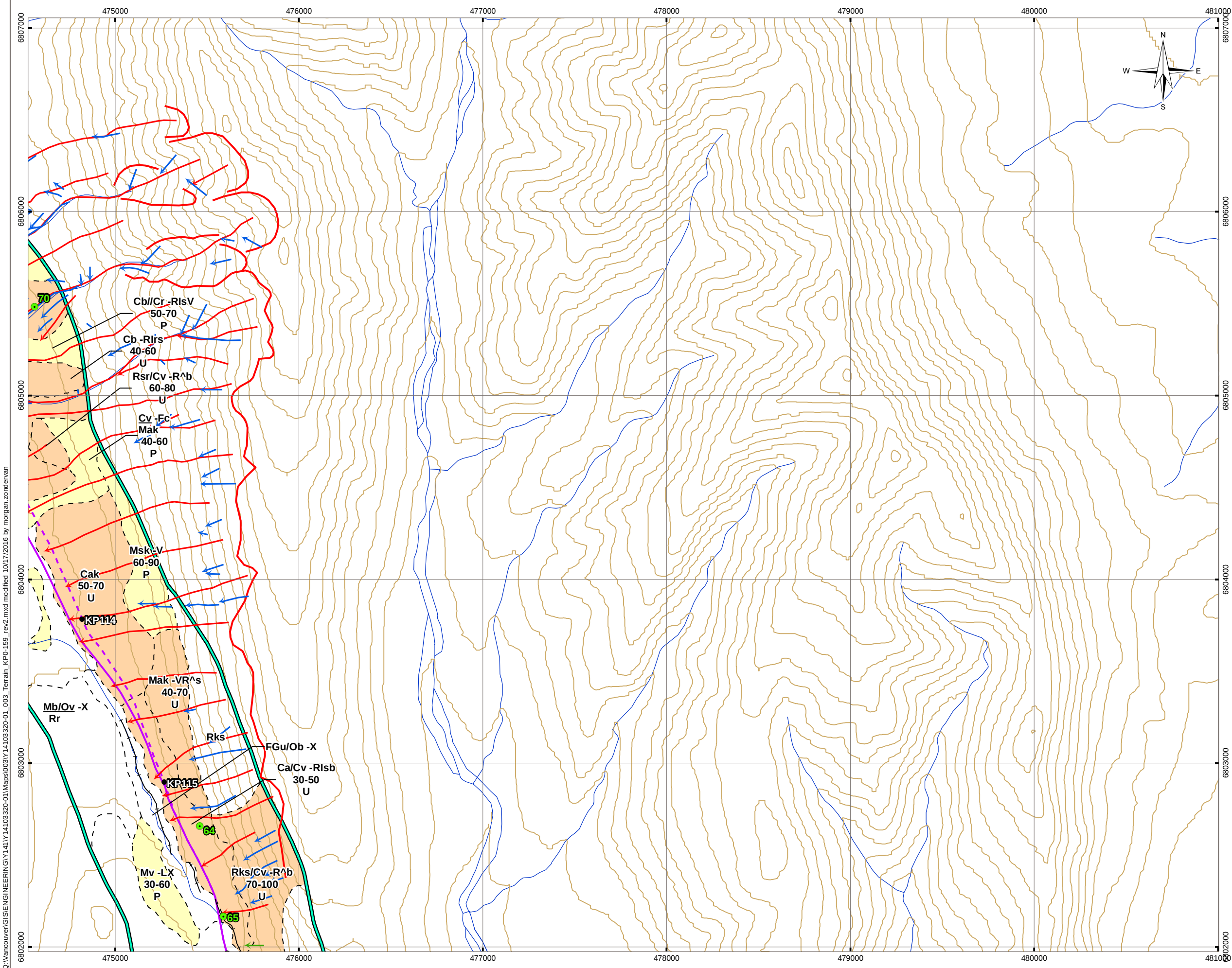
STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 400 200 0 400 Metres	FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd	FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
APVD SMC	REV 2	Figure A15b
OFFICE T/EBA-VANC	DATE October 17, 2016	



LEGEND

1 km Buffer

Field Site

Ground-based Observation

Airborne Observation

TFSA

Terrain Boundary

Slope Stability Class

Potentially Unstable Terrain

Unstable Terrain

Geology

Meltwater channel (minor)

Landslide Failure Scar Large (1949)

Landslide Failure Scar Large (1962)

Landslide Failure Scar Large (1994)

Landslide Head Scarp Large (1962)

Contour (40 m)

Watercourse

Waterbody

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS

ISSUED FOR REVIEW

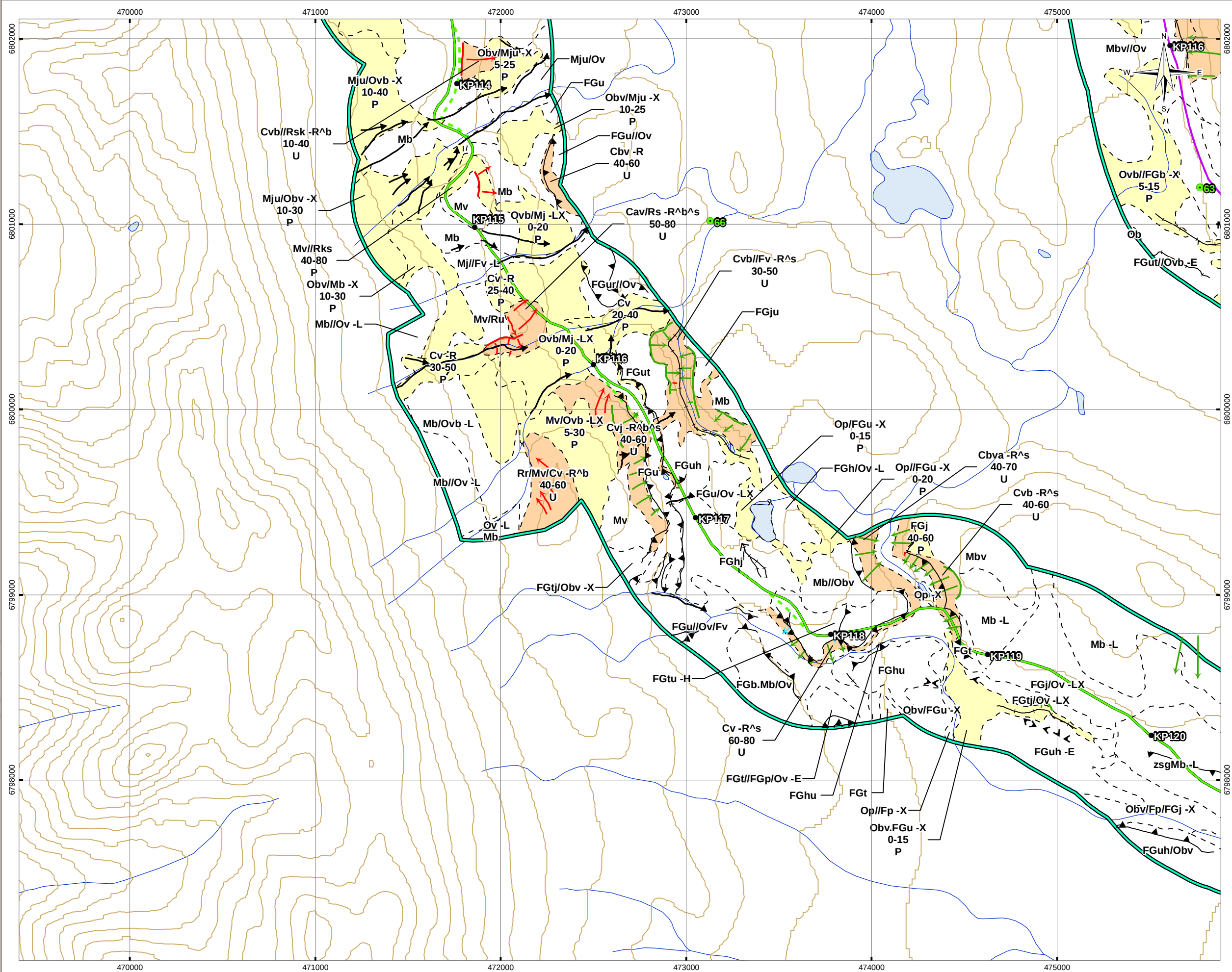
PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 400 200 0 400 Metres		FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
OFFICE TlEBA-VANC	DATE October 17, 2016	APVD SMC
		REV 2

Figure A17

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LEGEND

1 km Buffer

●

Field Site

●

Ground-based Observation

●

Airborne Observation

●

TFSA

Terrain Boundary

P

Slope Stability Class

Potentially Unstable Terrain

U

Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

➤ ➤

Esker, direction of paleoflow unknown

➡

Gully

▲

Meltwater channel (major)

—

Meltwater channel (minor)

➡

Meltwater channel (minor, flow indicated)

Landslide Failure Scar Large (1949)

Landslide Failure Scar Large (1962)

Landslide Failure Scar Large (1982)

Landslide Head Scarp Large (1949)

Landslide Head Scarp Large (1962)

Contour (40 m)

Watercourse

Waterbody

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION

UTM Zone 10

DATUM

NAD83

CLIENT

CANADIAN ZINC CORPORATION

FILE NO.

Y14103320-01_003_Terrain_KP0-159_rev2.mxd

PROJECT NO.

Y14103320-01.003

OFFICE

T/EBA-VANC

Scale: 1:20,000

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0

400

Metres

FILE NO.

Y14103320-01_003_Terrain_KP0-159_rev2.mxd

PROJECT NO.

Y14103320-01.003

OFFICE

T/EBA-VANC

DWN

MEZ

CKD

SL

APVD

SMC

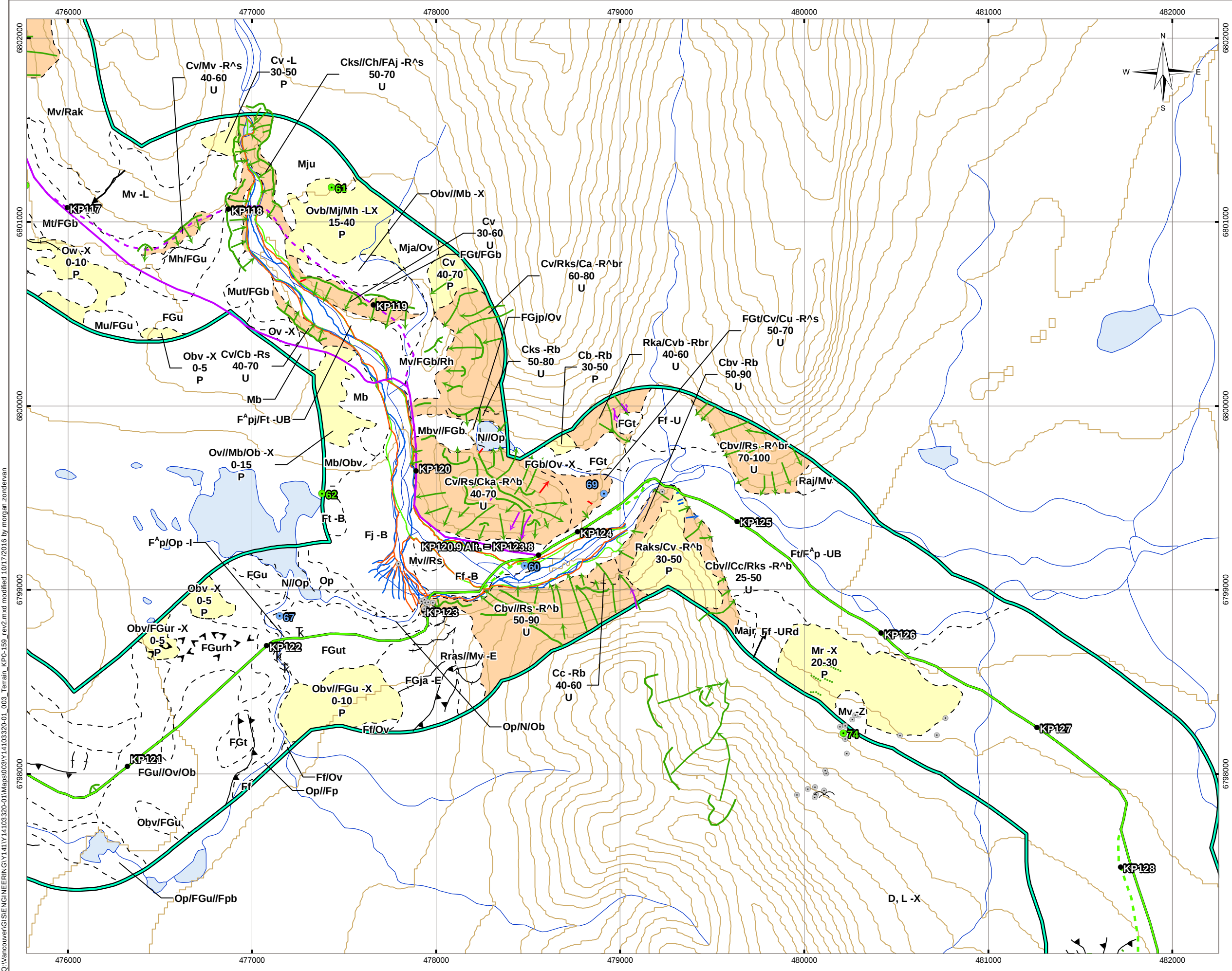
REV

2

DATE

October 17, 2016

Figure A18



LEGEND

1 km Buffer

Field Site

Ground-based Observation

Airborne Observation

TFSA

Terrain Boundary

Slope Stability Class

P Potentially Unstable Terrain

U Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

Esker, direction of paleoflow unknown

Gully

Meltwater channel (major)

Meltwater channel (minor)

Relic Patterned Ground

Thermokarst Terrain

Landslide Failure Scar Large (1949)

Landslide Failure Scar Large (1962)

Landslide Failure Scar Large (1994)

Landslide Failure Scar Large (2012)

Landslide Head Scarp Large (1949)

Slide Block (1949)

River Position (1949)

River Position (1962)

River Position (1994)

Contour (40 m)

Watercourse

Waterbody

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION

UTM Zone 10

DATUM

NAD83

CLIENT

CANADIAN ZINC CORPORATION

Scale: 1:20,000

400 200 0 400

Metres

FILE NO.

Y14103320-01_003_Terrain_KP0-159_rev2.mxd

PROJECT NO.

Y14103320-01.003

OFFICE

T/EBA-VANC

DWN

MEZ

CKD

SL

APVD

SMC

REV

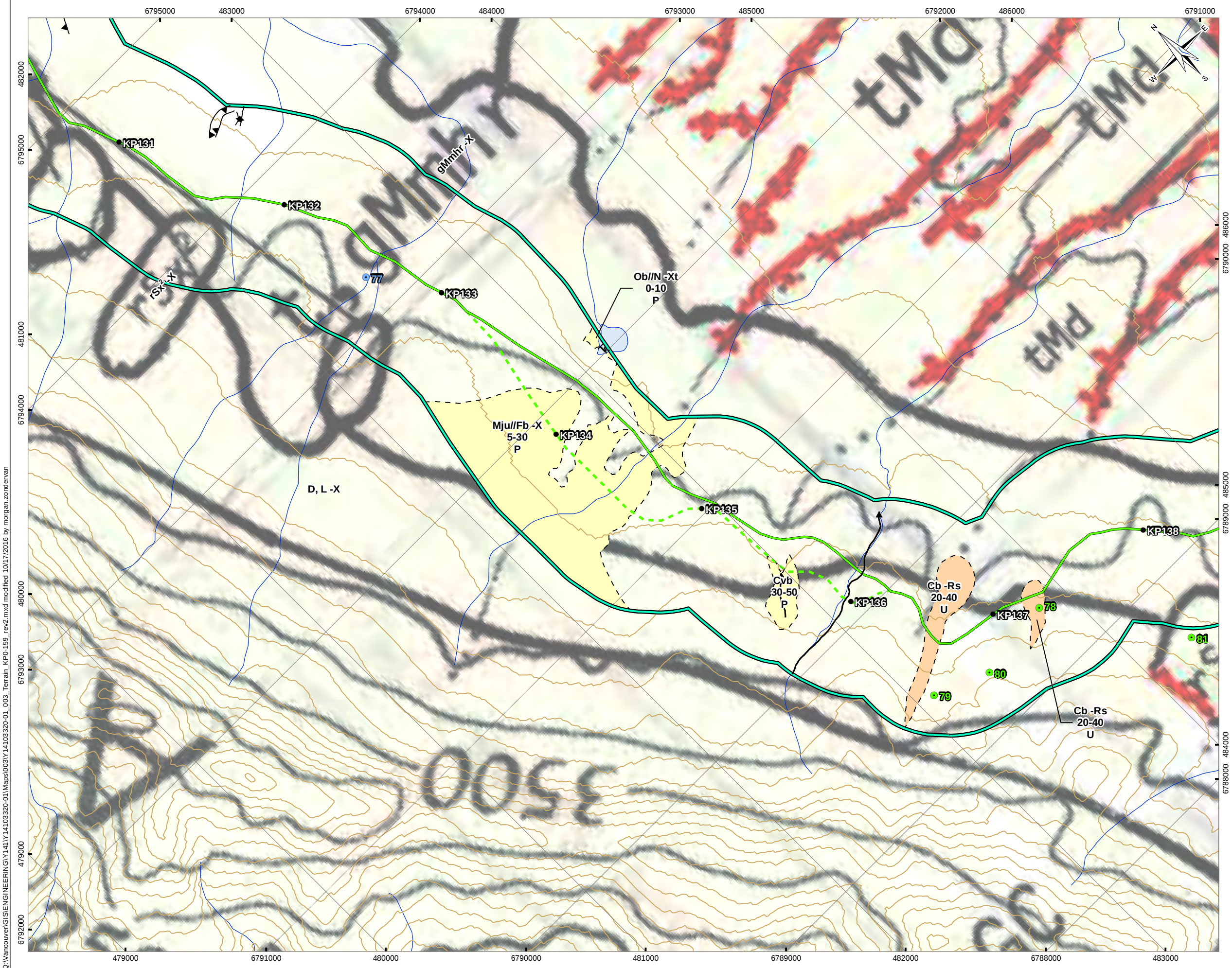
2

DATE

October 17, 2016

Figure A19

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LEGEND

1 km Buffer

●

Field Site

●

Ground-based Observation

●

Airborne Observation

●

TFSA

Terrain Boundary

Slope Stability Class

P

Potentially Unstable Terrain

U

Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

→

Gully

▲

Meltwater channel (major)

⌞

Thermokarst Terrain

Contour (40 m)

Watercourse

Waterbody

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS

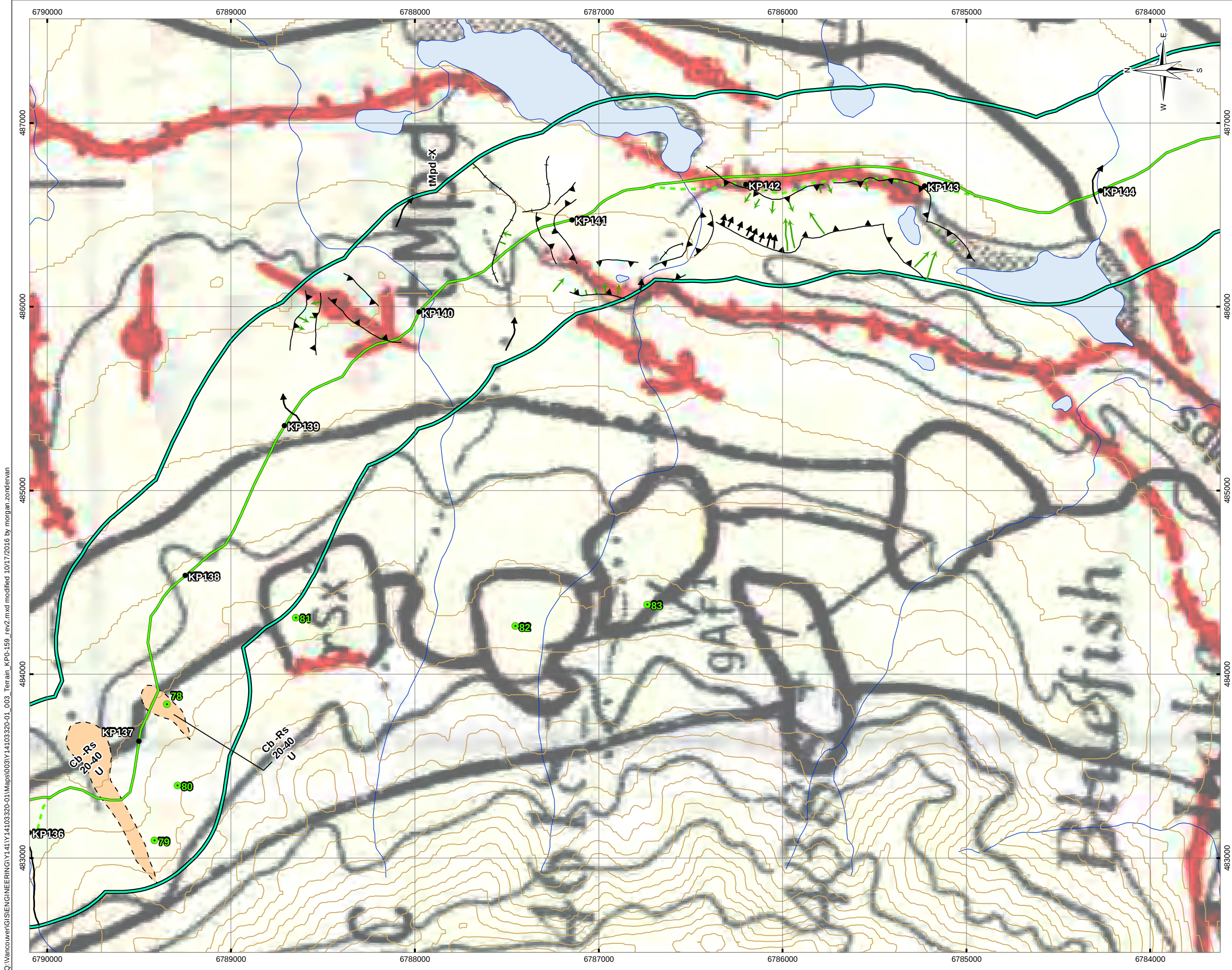
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 400 200 0 400 Metres		FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
APVD SMC	REV 2	FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
OFFICE TlEBA-VANC	DATE October 17, 2016	CLIENT

Figure A21



LEGEND

1 km Buffer

Field Site

Ground-based Observation

Airborne Observation

TFSA

Terrain Boundary

Slope Stability Class

P Potentially Unstable Terrain

U Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

Gully

Meltwater channel (major)

Meltwater channel (minor)

Landslide Failure Scar Large (1949)

Contour (40 m)

Watercourse

Waterbody

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

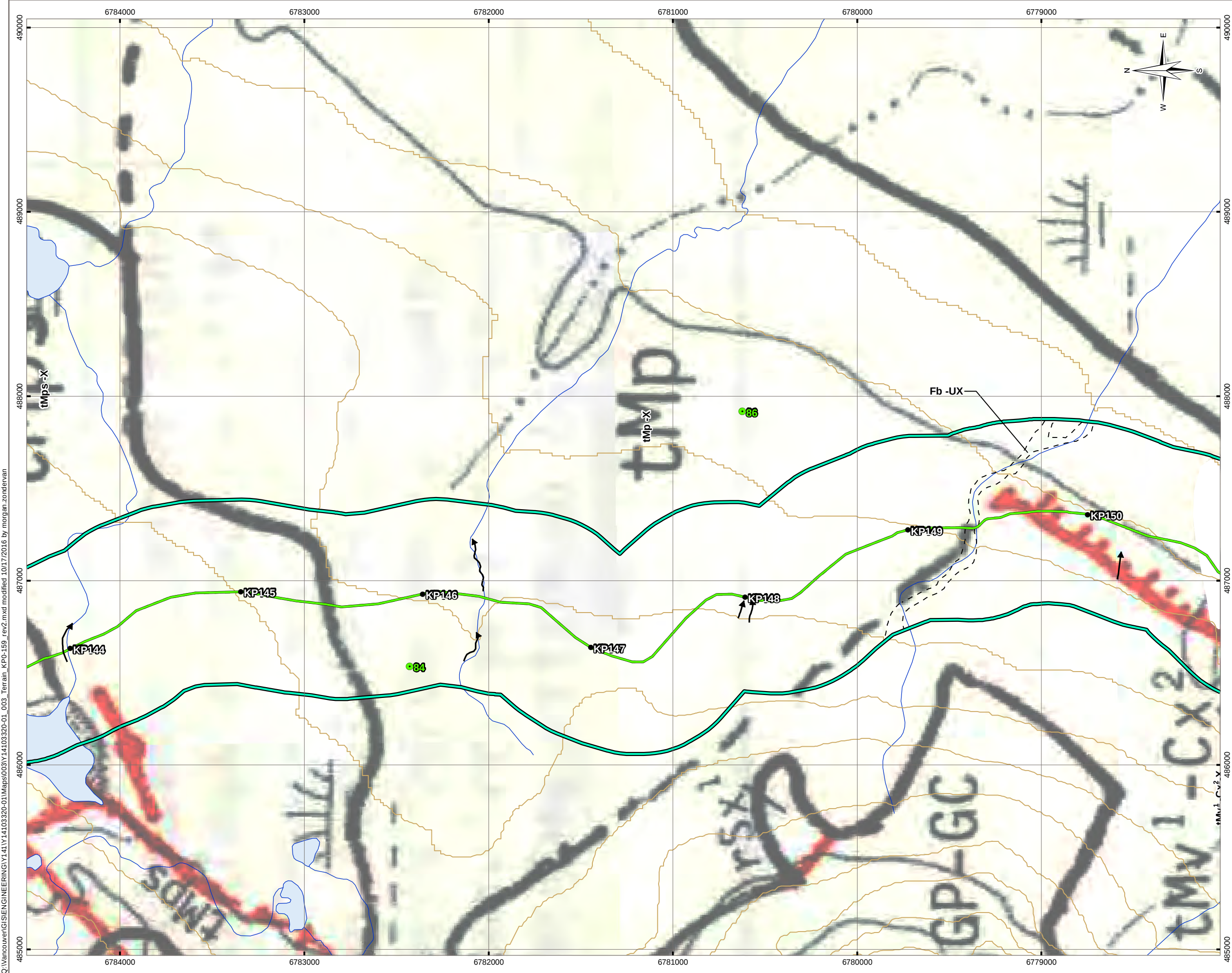
STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 400 200 0 400 Metres		FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
OFFICE TlEBA-VANC	APVD SMC	REV 2
DATE October 17, 2016		Figure A22



LEGEND

1 km Buffer

Field Site

- Ground-based Observation
- Airborne Observation
- TFSA
- Terrain Boundary

Slope Stability Class

- Potentially Unstable Terrain
- Unstable Terrain

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Geology

- Gully
- Contour (40 m)
- Watercourse
- Waterbody

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS

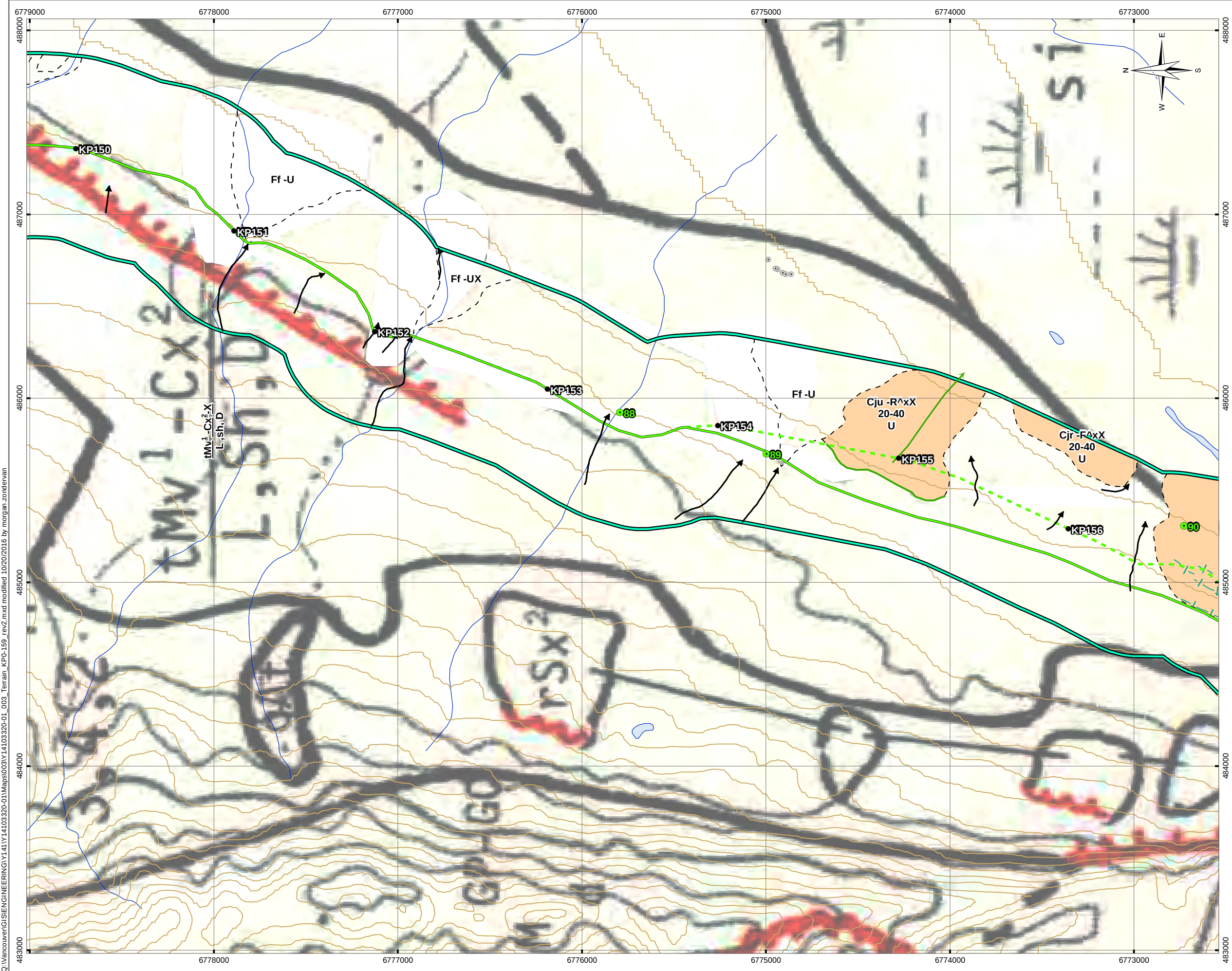
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

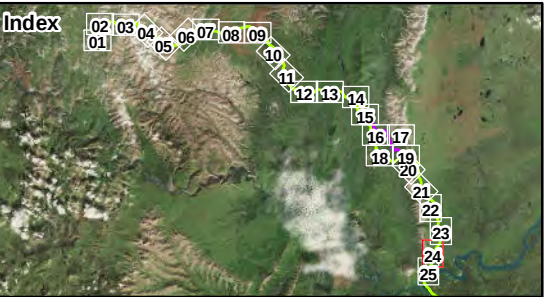
PROJECTION UTM Zone 10	DATUM NAD83	CLIENT 		
FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd				
PROJECT NO. Y14103320-01.003	DWN MEZ		CKD SL	APVD SMC
OFFICE TlEBA-VANC	DATE October 17, 2016			

Figure A23



LEGEND

- 1 km Buffer
- Field Site
 - Ground-based Observation
 - Airborne Observation
 - TFSA
- Terrain Boundary
- Slope Stability Class
 - P Potentially Unstable Terrain
 - U Unstable Terrain
- Prairie Creek Access Road (Apr 5, 2016)
- Prairie Creek Access Road (Feb 24, 2015)
- Alternative Alignment (Apr 5, 2016)
- Alternative Alignment (July 30, 2015)
- Geology
 - Gully
 - Landslide Failure Scar Large (1949)
 - Landslide Head Scarp Large (1949)
 - Tension Crack (1949)
 - Contour (40 m)
 - Watercourse
 - Waterbody



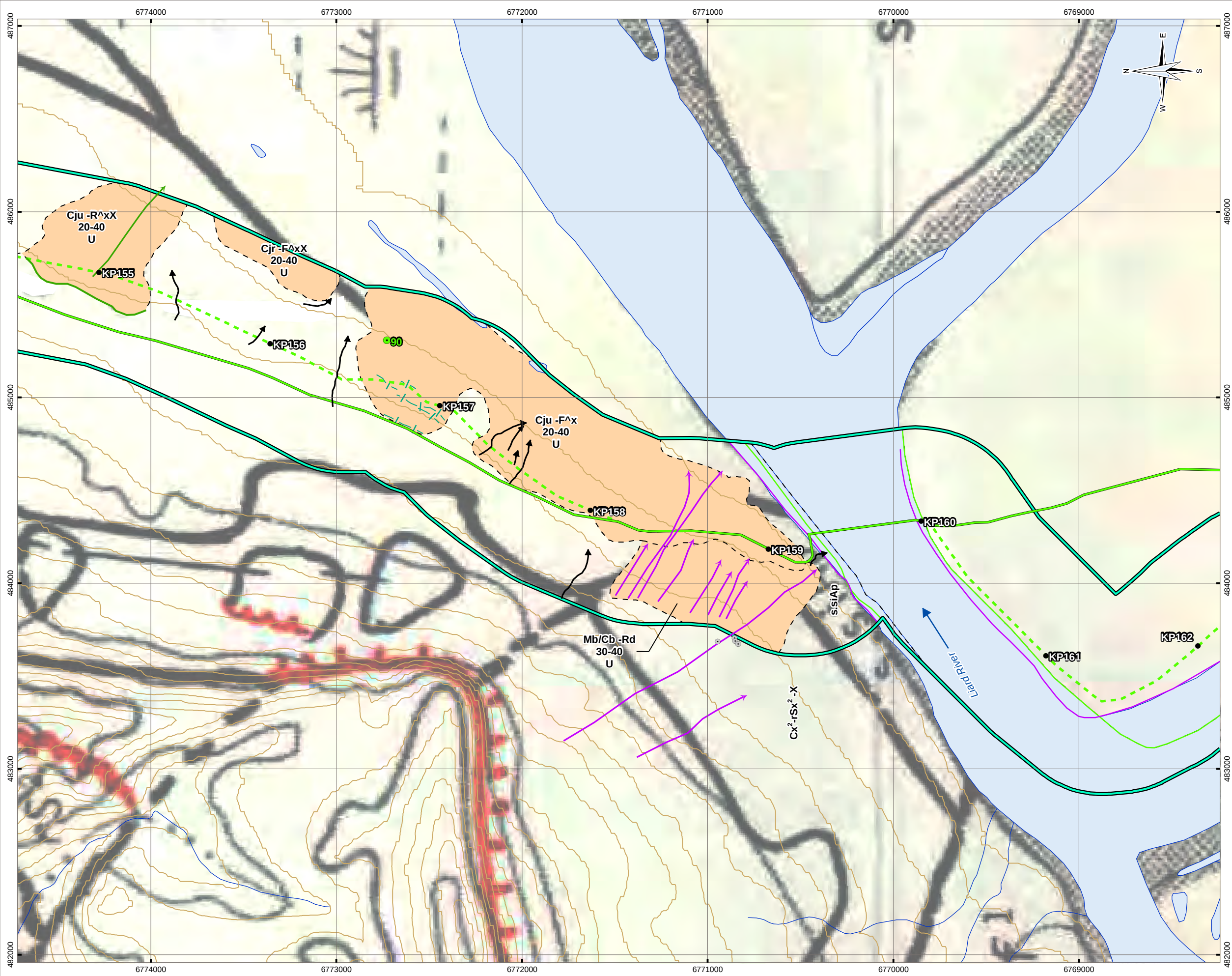
NOTES
Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981
STATUS
ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 400 200 0 400 Metres		FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
OFFICE T/EBA-VANC	APVD SMC	REV 2
DATE October 20, 2016		Figure A24

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LEGEND

1 km Buffer

Field Site

- Ground-based Observation
- Airborne Observation
- TFSA

Slope Stability Class

- Potentially Unstable Terrain
- Unstable Terrain

Geology

- Gully
- Landslide Failure Scar Large (1949)
- Landslide Failure Scar Large (2012)
- Landslide Head Scarp Large (1949)
- River Position (1949)
- River Position (Post-1994)
- Tension Crack (1949)
- Contour (40 m)
- Watercourse
- Waterbody

Prairie Creek Access Road (Apr 5, 2016)

Prairie Creek Access Road (Feb 24, 2015)

Alternative Alignment (Apr 5, 2016)

Alternative Alignment (July 30, 2015)

Index

NOTES

Base data source: CanVec; GeoBase.
Surficial Geology based on Hawes, 1980 and 1981

STATUS

ISSUED FOR REVIEW

PRAIRIE CREEK ALL-SEASON ROAD

Modified Terrain Stability Mapping

PROJECTION UTM Zone 10	DATUM NAD83	CLIENT
Scale: 1:20,000 		FILE NO. Y14103320-01_003_Terrain_KP0-159_rev2.mxd
PROJECT NO. Y14103320-01.003	DWN MEZ	CKD SL
OFFICE TlEBA-VANC	DATE October 20, 2016	APVD SMC
		REV 2

Figure A25