

GNSS Survey Report

MicroSurvey FieldGenius Version: 9.1.21.3

--Project Information-----

Project Name: CRU_20210405_wxb
Creation Date: 04-05-2021
Creation Time: 16:09:49
Horizontal System: UTM83-10
Vertical System: CGG2013n83-BC.byn
Distance Unit: Meters

--Datum Parameters-----

Delta X: 0.000000
Delta Y: 0.000000
Delta Z: 0.000000

--Projection Parameters-----

UTM Zone: 10
Hemisphere: North

--Ellipsoid Parameters-----

Equatorial Radius (a): 6378137.000000
Polar Radius (b): 6356752.314140
Inverse Flattening (1/f): 298.257222

--Reference Information-----

Reference ID: CRU_wx
Latitude: N49°40'08.37697"
Longitude: W125°21'42.12705"
Ellipsoid Height: 1352.7160m
Antenna Height: 0.000m
Antenna NGS_ID: "APSAPS-3 NONE"
Northing: 5504506.9600m
Easting: 329592.2869m
Elevation: 1366.5217m
Description: WX KNOWN POINT

--Measured Points-----

Antenna NGS_ID: "APSAPS-3 NONE"
NGS_L1: 93.6mm NGS_L2: 0.0mm

Point ID:	CRU_N1A	Description:	
Antenna Height:	2.000	Solution:	SBAS
No. Satellites:	30	No. Epochs:	30
GPS Start Time:	19:31:05		
Northing:	5504525.6239	RMS North:	0.0361
Easting:	328015.0059	RMS East:	0.0288
Elevation:	1583.0025	RMS Elev:	0.0736
HDOP:	0.5	VDOP:	0.8
		PDOP:	0.90

Point ID:	CRU_S1A	Description:	
Antenna Height:	2.000	Solution:	SBAS
No. Satellites:	27	No. Epochs:	30
GPS Start Time:	20:13:17		
Northing:	5504164.1267	RMS North:	0.0375
Easting:	327848.6971	RMS East:	0.0300
Elevation:	1607.0900	RMS Elev:	0.0717
HDOP:	0.5	VDOP:	0.9
		PDOP:	1.05

--Reference Information-----

Reference ID: CRU_wx2
Latitude: N49°40'08.37697"
Longitude: W125°21'42.12705"

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Ellipsoid Height: 1352.7160m
Antenna Height: 0.000m
Antenna NGS_ID: "APSAPS-3 NONE"
Northing: 5504506.9600m
Easting: 329592.2869m
Elevation: 1366.5217m
Description:

Point ID:	CRU_E50	Description:	
Antenna Height:	2.000	Solution:	RTK Fixed
No. Satellites:	11	No. Epochs:	30
GPS Start Time:	17:30:04		
Northing:	5504345.0078	RMS North:	0.0013
Easting:	329951.3020	RMS East:	0.0019
Elevation:	1180.2385	RMS Elev:	0.0041
HDOP:	1.1	VDOP:	2.1
		PDOP:	2.37

Point ID:	CRU_cam1	Description:	
Antenna Height:	2.000	Solution:	DGPS
No. Satellites:	17	No. Epochs:	30
GPS Start Time:	18:39:20		
Northing:	5504195.9474	RMS North:	0.0332
Easting:	330134.4039	RMS East:	0.0368
Elevation:	1122.5873	RMS Elev:	0.0789
HDOP:	0.7	VDOP:	1.1
		PDOP:	1.29

Point ID:	CRU_E5F	Description:	
Antenna Height:	2.000	Solution:	RTK Fixed
No. Satellites:	10	No. Epochs:	30
GPS Start Time:	19:01:26		
Northing:	5504197.5888	RMS North:	0.0011
Easting:	330159.3477	RMS East:	0.0015
Elevation:	1114.9882	RMS Elev:	0.0028
HDOP:	1.3	VDOP:	1.4
		PDOP:	1.89

--Reference Information-----

Reference ID: CRU_wx3
Latitude: N49°40'08.37697"
Longitude: W125°21'42.12705"
Ellipsoid Height: 1352.7160m
Antenna Height: 0.000m
Antenna NGS_ID: "APSAPS-3 NONE"
Northing: 5504506.9600m
Easting: 329592.2869m
Elevation: 1366.5217m
Description:

Point ID:	CRU_S2F	Description:	
Antenna Height:	2.000	Solution:	RTK Fixed
No. Satellites:	11	No. Epochs:	30
GPS Start Time:	18:33:27		
Northing:	5504646.5603	RMS North:	0.0008
Easting:	328741.8548	RMS East:	0.0010
Elevation:	1437.6961	RMS Elev:	0.0017
HDOP:	0.9	VDOP:	1.2
		PDOP:	1.50

Point ID:	CRU_S3F	Description:	
Antenna Height:	2.000	Solution:	RTK Fixed
No. Satellites:	7	No. Epochs:	30
GPS Start Time:	19:45:36		
Northing:	5504269.1787	RMS North:	0.0008
Easting:	328740.0046	RMS East:	0.0009
Elevation:	1312.6870	RMS Elev:	0.0016
HDOP:	1.8	VDOP:	2.0
		PDOP:	2.71

Point ID:	CRU_S4F	Description:	
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Antenna Height:	2.000	Solution:	RTK Float
No. Satellites:	9	No. Epochs:	30
GPS Start Time:	21:09:22		
Northing:	5504069.3334	RMS North:	0.1181
Easting:	329000.1653	RMS East:	0.1073
Elevation:	1210.6210	RMS Elev:	0.2386
HDOP:	1.7	VDOP:	2.8
		PDOP:	3.28

Point ID:	CRU_S50	Description:	
Antenna Height:	2.000	Solution:	RTK Fixed
No. Satellites:	7	No. Epochs:	30
GPS Start Time:	21:43:48		
Northing:	5503819.1779	RMS North:	0.0005
Easting:	329406.7913	RMS East:	0.0006
Elevation:	1121.8411	RMS Elev:	0.0014
HDOP:	1.3	VDOP:	2.3
		PDOP:	2.62