

SURVEYING AND MAPPING DIVISION  
Alberta Survey Control Marker (ASCM) Information  
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 34.90632 dms  
Longitude 114 11 20.87888 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 66-03

ASCM 65441

Tablet Markings B42

Date Printed 2025-08-03  
Last Updated 2020-01-09

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1067.600 m  
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey  
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 93-11-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661885.953 m  
Easting -13248.801 m  
Convergence -0 08 49.84 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
230193 661-12.64	225.014	1 67/2	0.999738	273 50 16.30	5.4	0.00
229450 B43	340.348	1 50/2	0.999738	335 05 38.18	3.2	-0.01
111187 B41	376.160	1 40/2	0.999736	158 17 55.89	3.2	0.01
143396 661-12.60	446.086	1 38/2	0.999737	188 17 12.19	3.3	0.01
108837 661-12.63	457.296	1 37/2	0.999738	294 23 36.96	2.8	-0.01
173765 661-12.67	484.952	1 35/2	0.999738	285 06 29.92	2.9	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1989-05-17

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
30.0 CM NORTH WEST OF GP.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-12-31

Originating Project 72106 72106  
Published 83-04-29 83-04-29

ON THE NORTH SIDE OF ENTRANCE TO HOUSE NO. 6932 BOW CRESCENT N.W.; 0.80 M WEST  
OF A N-S WOODEN FENCE; IN LINE WITH A NORTH PROPERTY LINE STEEL FENCE PRODUCED  
WEST; 1.10 M EAST OF WOODEN POWER POLE.

Revising Project NAD83 98016  
Published 94-05-24 00-06-15  
Revising Project  
Published  
Revising Project  
Published

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN MAY, 1973.

NON COORDINATE REVISIONS

1973-06-19 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION.

1993-11-03 1993-12-31  
1988-10-28 1989-05-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 23

00-06-15

0.009 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 23