

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 08 27.23193 dms  
Longitude 113 50 27.76914 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 56028

Tablet Markings 756013

Date Printed 2025-08-03  
Last Updated 2020-07-10

Mapsheet Name CALGARY A  
Mapsheet Number 5667 + 012

Vert Datum CVD28 Updated: 1985-02-19  
Elevation 1076.486 m  
Vert Class NOT INTEGRATED, SIMUL TRIG LEV

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

Marker Condition GOOD 86-09-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-10

Scale Factor 0.999900 At Ref Mer 114

Northing 5667205.784 m  
Easting 11123.189 m  
Convergence 0 07 25.59 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
153163 756027	4575.974	1	7/1	0.999734	278 17	38.29	0.6	0.02
159046 664+8.10	5243.514	1	6/1	0.999734	251 14	45.46	0.5	-0.04
220947 756026	5595.933	1	6/1	0.999733	327 53	57.46	0.5	0.12
799478 799478	5698.392	1	5/1	0.999734	242 40	07.70	0.4	-0.06
34223 667+8.5	5744.025	1	6/1	0.999734	300 04	06.26	0.5	0.07
700500 700500	6278.157	1	5/1	0.999734	230 30	57.08	0.4	-0.10

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1995-02-03

Meridian Defl,XI(+N) 3.1 s 2 s  
Prime Vert Defl,ETA(+E) 4.1 s 2 s  
Geoid\_Ellip Separation -16.69 m 1 m

MARKED BY A 7.6CM DIA GSC TABLET, STAMPED 756013, SET IN TOP OF 30.5CM DIA; 0.5M DEEP, CONC BLOCK. TOP IS 45.7CM BGL. 50 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1995-02-03

Originating Project 76075 76075  
Published 85-02-19 85-02-19

MONUMENT IS LOCATED NORTH OF 96 AVENUE AND 132 STREET NORTH EAST, ON SMALL MOUND; 150.0 M NORTH OF 96 AVENUE FENCE LINE PRODUCED EAST; 16.7 M NORTH OF CENTER LINE OF GRAVEL ROAD; 61.0 M EAST NORTH EAST OF POWER POLE AT NORTH EAST CORNER OF "T" INTERSECTION JUST NORTH OF 96 AVENUE FENCE LINE.

Revising Project NAD83  
Published 94-05-24  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-01-01 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56643 12 1 NGBD # 756013  
NGBD NAME SPARKS  
HISTORY 56643 12 1