

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 37.27811 dms
Longitude 114 08 58.23215 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 24174

Tablet Markings 661-8.142

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1152.524 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663806.841 m
Easting -10469.214 m
Convergence -0 06 58.94 dms
Station Ellipsoid Factor 0.999822
Station Combined Factor 0.999723

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
194464 661-8.177	117.160	1 60/2	0.999728	312 07 49.04	4.6	0.00
265769 661-8.175	191.299	1 47/2	0.999724	3 18 49.83	3.9	-0.01
73874 661-8.178	205.381	1 44/2	0.999726	353 04 33.01	3.7	-0.01
150532 661-8.141	214.695	1 47/2	0.999721	105 22 41.69	4.0	0.00
23895 661-8.232	223.046	1 63/2	0.999721	20 14 45.65	4.7	-0.01
226506 661-8.145	264.667	1 42/2	0.999723	215 10 36.67	3.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-17

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1974-08-27

Originating Project 74113 74113
Published 83-06-03 83-06-03

ON E/S OF DALSBY RD AT DALSBY GATE NW; 0.5 M E OF B.O.W.; 0.4 M N OF B.O.W. S/S
PRODUCED E; 16.15 M N OF LTS.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 87073
Published 90-01-30
Revising Project
Published

NON COORDINATE REVISIONS

1974-08-27 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1999-07-19	2001-08-17
MARKER REPORTED IN GOOD CONDITION	1993-06-30	1993-11-17
MARKER REPORTED IN GOOD CONDITION	1989-10-27	1990-01-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 142

VERT	0.005 m	REVISED ELEVATION-BETTER INTEGRATION
90-01-30	0.028 m	ELEV. REV.- INTEGRATED INTO GSC DBM CIRCUIT

HISTORY 661-08.142 56614 8 142