

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 25.82970 dms
Longitude 114 01 32.38696 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2006-06-16

ASCM 23218
Tablet Markings 643-0.203
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1032.063 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-16

Scale Factor 0.999900 At Ref Mer 114

Northing 5644903.168 m
Easting -1803.608 m
Convergence -0 01 11.74 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
205773 643-0.163	110.322	1 82/2	0.999738	128 59 48.27	6.6	0.00
34660 643-0.161	124.803	1 96/2	0.999740	172 28 53.05	7.4	0.00
82453 643-0.210	130.448	1 92/2	0.999748	313 11 56.92	7.3	0.00
28233 643-0.217	155.489	1 77/2	0.999737	77 51 54.95	5.9	0.00
130963 643-0.164	179.931	1 67/2	0.999744	278 47 57.80	5.6	0.00
83584 643-0.151	291.599	1 48/2	0.999742	198 38 59.75	3.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-10-26

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
50 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 76026 76026
Published 83-08-31 83-08-31

ON NW CORNER OF QUEEN TAMARA WAY AND QUEENSLAND CIR SE; 2.4 M W OF BOW PROD S; 3
.9 M N OF BOW PROD E; 0.10 M NW OF BOW ON CURVE; 1.35 M N OF CB.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1976-10-26 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

2005-06-01 2006-06-16
1989-04-03 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 203

99-08-16

0.010 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.203 56434 0 203