

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 48.97961 dms
Longitude 114 01 17.17750 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 22830
Tablet Markings 643-0.72
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1035.256 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-02-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5645618.381 m
Easting -1506.477 m
Convergence -0 00 59.93 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
22269 643-0.216	227.108	1	35/1	0.999739	204 11 49.33	2.9	0.00
32086 643-0.173	253.789	1	28/1	0.999740	199 58 11.61	2.3	0.00
2683 643-0.74	405.830	1	27/1	0.999741	18 04 58.33	2.2	0.00
267914 643-0.145	451.275	1	24/1	0.999740	257 07 54.90	1.8	0.00
172577 643-0.186	491.433	1	28/2	0.999741	241 32 31.75	2.3	0.00
168591 643-0.165	556.407	1	18/1	0.999741	271 35 14.46	1.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-03-30

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-03-30

Originating Project 70103 70103
Published 71-05-25 71-05-25

LOCATED IN GREEN BELT AREA BEHIND HOUSE #12082 DIAMOND VIEW S.E.; 11.2 M EAST OF WEST BDY OF GREEN BELT (FROST FENCE); 10.8 M NORTH OF NORTH BDY OF WALKWAY ON S/S OF #12082; 1.5 M WEST OF WEST EDGE OF ASPHALT WALK WAY IN GREEN BELT.

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

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN MARCH, 1980.

NON COORDINATE REVISIONS

1971-05-25 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	1993-02-02	1993-03-30
MARKER REPORTED IN GOOD CONDITION	1992-08-06	1993-02-02
MARKER REPORTED IN GOOD CONDITION.	1989-09-12	1989-10-12
MARKER REPORTED IN GOOD CONDITION	1989-03-20	1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 72

99-08-16

0.011 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.72 56434 0 72