

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 44.17687 dms
Longitude 114 10 40.42661 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2005-08-02

ASCM 52167
Tablet Markings 1623.6
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1112.565 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-12

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5662170.448 m
Easting -12460.974 m
Convergence -0 08 18.38 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
164269 661-12.198	221.790	1	36/1 0.999731	23 58 30.49	2.9	-0.01
227678 661-12.137	226.132	1	53/2 0.999733	291 38 02.09	4.3	0.00
183483 1623.5	230.393	1	35/1 0.999727	150 33 58.52	2.8	0.01
265397 1623.7	238.153	1	38/2 0.999729	212 54 15.84	2.9	0.01
99747 1623.8	332.525	1	24/1 0.999731	276 58 44.58	1.9	0.00
188995 661-12.138	372.152	1	30/1 0.999731	322 19 43.75	2.3	-0.01

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

Component Magnitude Std Dev
Meridian Defl, XI(+N) 2.5 s 2 s
Prime Vert Defl, ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

MARKER TYPE Updated: 1994-03-23
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
15.0 CM NORTH OF GP., 1 CM AGL.

COORDINATE HISTORY

Originating Project 70107 70107
Published 70-12-23 70-12-23
Revising Project NAD83 21002
Published 94-05-24 01-03-06
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 1994-03-23
STA. IS E OF SILVERVIEW WAY NW AND IN AN OPEN PARK-LINE AREA OVERLOOKING
A SMALL VALLEY WHICH IS N OF STA.; 176.60 M E OF F.O.C. E/S OF
SILVERVIEW WAY PROD. S; 14.2 M S OF FL. WHICH IS ON THE S/S F SMALL VALLEY;
0.15 M N OF GP. .

NON COORDINATE REVISIONS

1970-12-23 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	1993-11-12	1994-03-23
MARKER REPORTED IN GOOD CONDITION.	1988-10-28	1989-05-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 34

VERT 01-03-06 0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 34