

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 03.98760 dms
Longitude 114 06 35.00516 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2013-11-29

ASCM 44875
Tablet Markings 646-4.218
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1091.899 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 13-07-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-11-29

Scale Factor 0.999900 At Ref Mer 114

Northing 5647941.565 m
Easting -7706.908 m
Convergence -0 05 06.84 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

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)
266619 646-4.223	138.645	1	58/2	0.999730	28 40 44.69	5.0	0.00
152041 646-4.217	151.859	1	59/2	0.999731	305 46 02.29	4.4	0.00
216713 646-4.220	167.770	1	60/2	0.999732	131 54 04.73	4.5	0.00
88187 646-4.224	225.628	1	53/2	0.999732	352 58 14.74	4.5	0.00
40162 646-4.221	251.404	1	40/2	0.999730	115 38 27.77	3.3	0.00
283150 646-4.104	310.316	1	35/2	0.999733	193 48 30.82	3.1	0.01

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -15.98 m 1 m

MARKER TYPE

Updated: 1993-11-29

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

COORDINATE HISTORY

Originating Project 72115 72115
Published 83-03-19 83-03-19

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1991-07-26

NE COR OF PALLISER DR AND PALISPRIOR RD; 2.50 M N OF B.O.W.;
2.50 M E OF B.O.W.; 0.2 M B.O.W. ON CURVE.

NON COORDINATE REVISIONS

1972-08-09 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	2013-07-04	2013-11-29
MARKER REPORTED IN GOOD CONDITION	1993-08-24	1993-11-29
MARKER REPORTED IN GOOD CONDITION	1990-09-05	1991-07-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 4 218

VERT

01-02-07

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.218 56464 4 218