

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 10.40263 dms
Longitude 114 07 23.71752 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 76-03

ASCM 64675

Tablet Markings 646-8.93

Date Printed 2025-08-03
Last Updated 2018-02-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1094.098 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 90-06-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5648141.284 m
Easting -8656.999 m
Convergence -0 05 44.69 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
206938 646-8.37	180.025	1 44/2	0.999733	262 58 07.55	3.8	0.00
279885 646-8.115	310.939	1 39/2	0.999732	335 59 37.73	3.2	-0.01
208702 646-8.45	330.199	1 39/2	0.999733	215 43 35.95	3.1	0.01
158279 646-8.121	364.405	1 30/1	0.999731	271 07 46.60	2.6	0.00
288373 646-8.46	406.718	1 34/2	0.999731	191 18 22.53	2.8	0.01
58719 646-8.48	447.872	1 29/2	0.999732	161 55 09.73	2.5	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-08-09

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -15.96 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-03-08

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

N.W. CORNER OF PALLISER DRIVE AND 26TH STREET S.W.;
0.05M SOUTH OF SOUTH F.O.W. N/S PALLISER DRIVE;
1.80M WEST OF B.O.W. W/S PROD. SOUTH;
0.50M N.W. OF F.O.C. 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 REPORTED IN GOOD CONDITION

1990-06-01 1991-03-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 93

01-02-07

0.018 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.93 56464 8 93