

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 13.34549 dms
Longitude 114 06 23.33665 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 72-03

ASCM 62000

Tablet Markings 646-4.225

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1087.525 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-03-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5648230.381 m
Easting -7478.828 m
Convergence -0 04 57.78 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
95380 646-4.267	159.750	1 63/2	0.999736	86 29 43.08	4.1	0.00
5470 646-4.309	172.968	1 69/2	0.999733	112 34 16.81	5.7	0.00
126516 646-4.305	179.474	1 61/2	0.999733	156 50 08.25	5.3	0.00
98061 646-4.266	203.259	1 59/2	0.999733	132 58 21.06	4.9	0.00
19851	224.865	1 271/4	0.999728	316 18 52.06	10.6	0.00
266619 646-4.223	232.576	1 43/2	0.999732	224 00 55.06	3.5	0.00

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) 6.6 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

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

LOCATED ON THE W/SIDE OF 19 ST IN FRONT OF CONDO #9213 N OF 92 AVE SW; 0.6 M E O
F THE W/FOW; 0.3 M N OF THE SEP.W; 2.8 M S OF TEH S P/L 92 AVE PROD W.

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

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

2006-03-13 2007-06-25

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 225

01-02-07

0.016 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.225 56464 4 225