

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 29.93374 dms
Longitude 114 04 51.20417 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 68403

Tablet Markings 646-4.68

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1062.822 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 70-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1994-06-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5646886.717 m
Easting -5682.811 m
Convergence -0 03 46.17 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
213280 646-4.69	130.881	1 115/2	0.999738	182 37 14.79	5.2	0.00
232991 646-4.70	158.649	1 101/2	0.999734	196 50 07.19	6.8	0.00
203240 646-4.78	216.784	1 64/2	0.999737	129 30 25.40	5.5	0.00
17475 646-4.49	267.508	1 67/2	0.999737	284 24 53.40	5.5	0.00
213561 646-4.80	295.666	1 51/2	0.999736	70 55 46.03	4.3	0.00
63545 646-4.41	301.666	1 56/2	0.999736	238 45 49.43	4.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-04-21

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.3 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1971-04-21

Originating Project 70104 70104
Published 71-04-21 71-04-21

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

N-S LANE N. OF SABRINA R. & W. OF THE
N.W. CRES. OF SIERRA CRES.
0.4' W. OF E. PROP. L. OF N-S LANE. 4' S OF N P/L OF E-W LANE WHICH
IS BETWEEN SWILLINGTON CRES. & SIERRA CRES.
GOING E. TO SACRAMENTO DR.
3' N. OF E-W GAS LINE ON N/S LANE.
6.6' E. OF N-S GAS LINE ON E/S LANE.
LOCATED AT S.W. COR. OF LOT 55; BLK. 12;
PL. 3382 JK.

NON COORDINATE REVISIONS

1971-04-21 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 68

01-02-07

0.016 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.68 56464 4 68