

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 49.67595 dms
Longitude 114 10 37.60422 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 23556

Tablet Markings 661-12.211

Date Printed 2025-08-03
Last Updated 2005-08-02

Mapsheet Name CALGARY G
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1148.336 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-27

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5664194.220 m
Easting -12401.189 m
Convergence -0 08 16.31 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
190074 661-12.208	113.039	1	44/1	0.999722	189 55 13.54	3.5	0.00
102384 664-12.41	197.040	1	36/1	0.999724	286 37 13.65	2.9	0.00
87320 664-12.47	225.882	1	27/1	0.999727	14 30 02.84	2.4	-0.01
257212 664-12.49	226.976	1	48/2	0.999727	31 52 45.07	4.1	-0.01
197384 661-12.209	285.887	1	28/1	0.999725	249 48 58.49	2.4	0.00
228908 661-12.147	298.084	1	23/1	0.999725	126 51 40.21	2.1	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-04

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC BRASS CAP ON 11' PIPE DRIVEN FLUSH WITH THE GROUND.
5 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

Originating Project 76036 76036
Published 77-03-01 77-03-01

ON SW COR. OF NE LEG OF RANCHVIEW CRES. NW; 1.0 M W OF B.O.W.
PROD. N; 2.6 M S OF B.O.W. PROD. E; 0.15 M SW OF B.O.W. ON CURVE.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1977-06-23 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
MARKER REPORTED IN GOOD CONDITION.

1993-10-27 1994-02-04
1988-10-28 1989-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 211

00-06-15

0.026 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 211