

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 52.95165 dms
Longitude 114 16 57.23480 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 74-03

ASCM 44651

Tablet Markings 658-16.11

Date Printed 2025-08-03
Last Updated 2020-01-08

Mapsheet Name CALGARY K
Mapsheet Number 5658 - 016

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1214.620 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 19-05-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2004-05-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660610.536 m
Easting -19798.709 m
Convergence -0 13 11.45 dms
Station Ellipsoid Factor 0.999812
Station Combined Factor 0.999717

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
871947 871947	288.877	1	21/1 0.999715	28 17 46.23	1.7	-0.01
205948 658-20.1	882.768	1	22/1 0.999718	270 11 11.02	1.9	0.00
887877 887877	1072.439	1	12/1 0.999720	7 13 47.33	1.0	-0.05
14373 661-20.1	1749.826	1	20/1 0.999720	301 47 55.57	1.7	-0.05
265926 658-16.10	1802.319	1	10/1 0.999712	95 12 39.56	0.9	0.01
159475	1825.117	1	71/3 0.999696	122 50 50.46	6.1	0.05

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1990-05-24

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 7.6 s 2 s
Geoid_Ellip Separation -15.76 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
8 CM NORTH OF G.P.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2020-01-08

Originating Project 75119 75119
Published 83-08-17 83-08-17

LOCATED 800 M S OF TRANS CANADA HWY; 121 M E OF N SHOULDER OF OLD BANFF COACH ROAD PRODUCED E AND E SHOULDER OF OLD BANFF COACH PRODUCED N; S SIDE OF TWP ROAD 2 45; 120 M W OF HORIZON VIEW ROAD PRODUCED NORTH.

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project 90047
Published 91-06-04
Revising Project
Published

NON COORDINATE REVISIONS

1975-10-07 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	2019-05-30	2020-01-08
MARKER REPORTED IN GOOD CONDITION.	1990-02-15	1990-05-24
MARKER REPORTED IN GOOD CONDITION.	1989-04-07	1989-09-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 16 11

00-06-15	0.039 m	REVISED ELEVATION-BETTER INTEGRATION
91-06-04	-0.319 m	PREVIOUS TRIG ELEV REPLACED BY SPIRIT LEVEL

HISTORY 56584 16 11