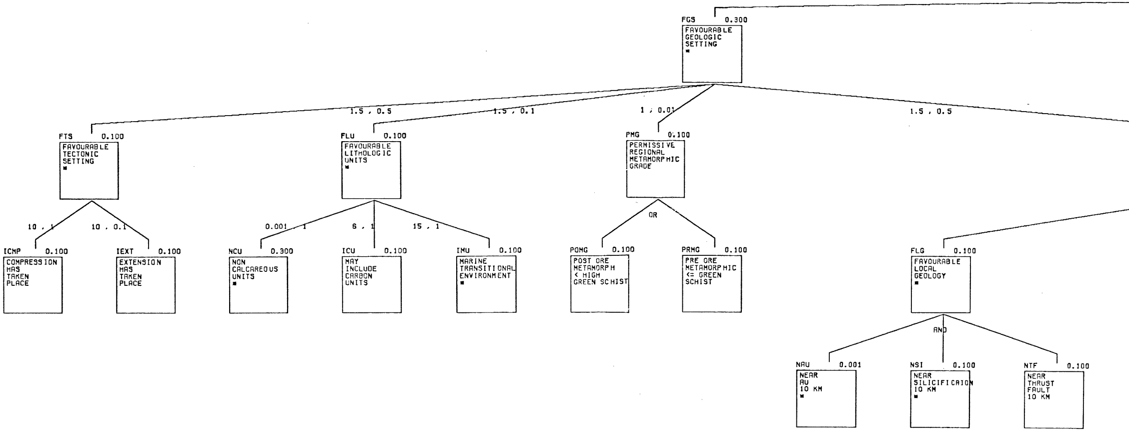
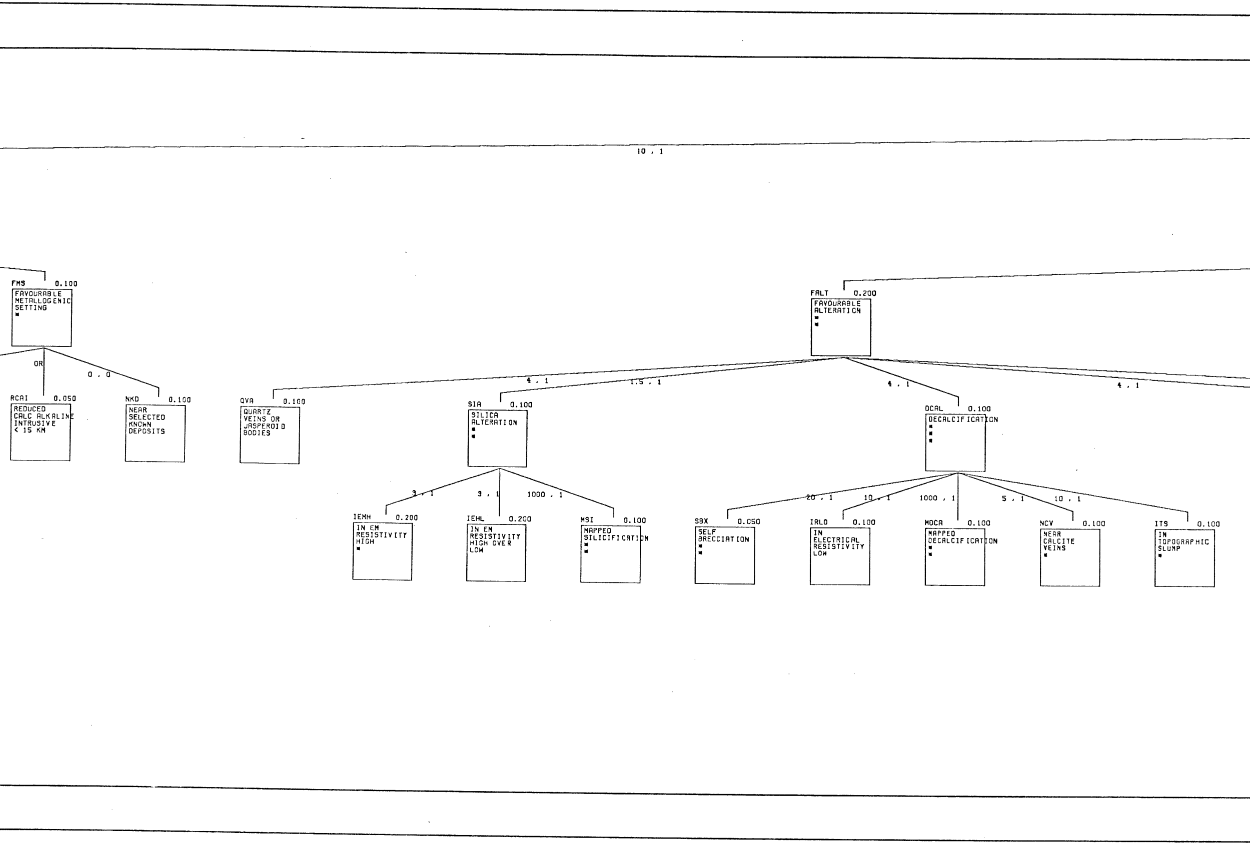
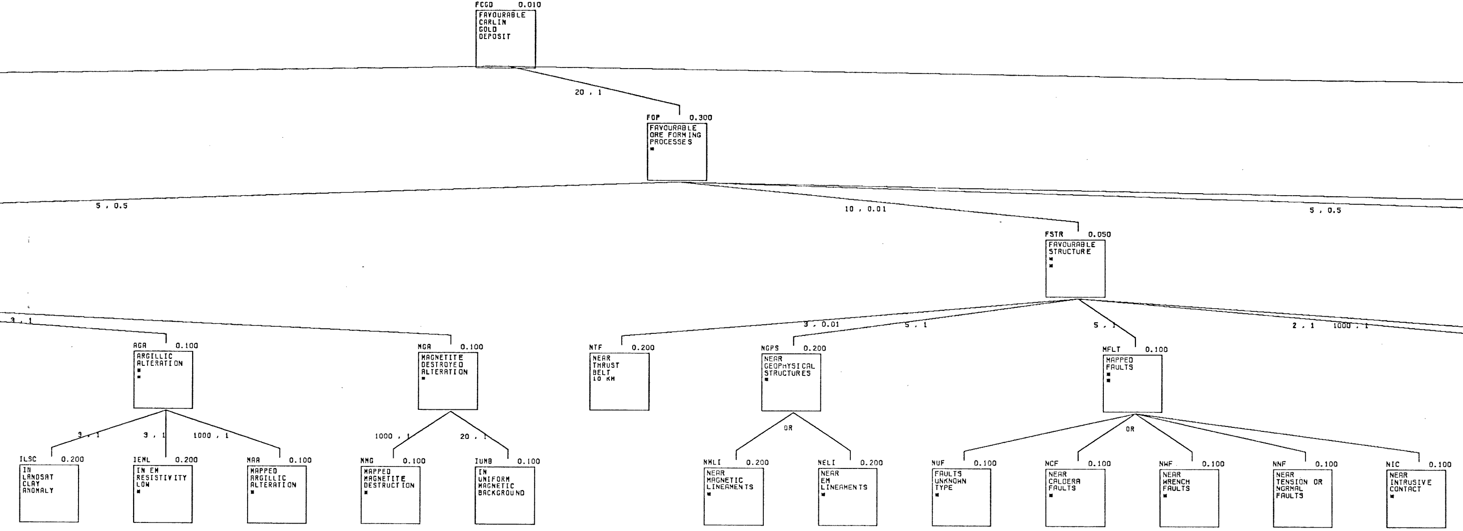
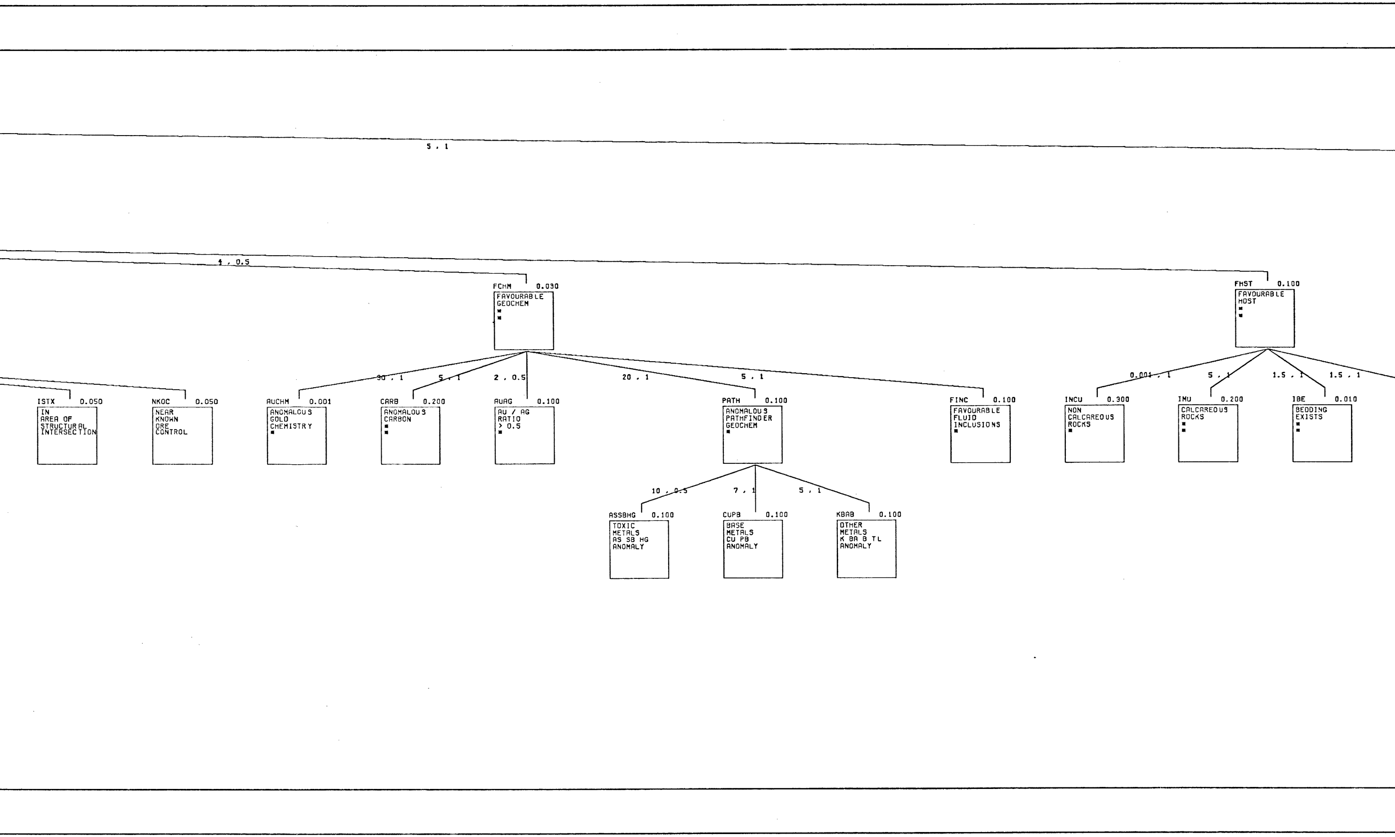
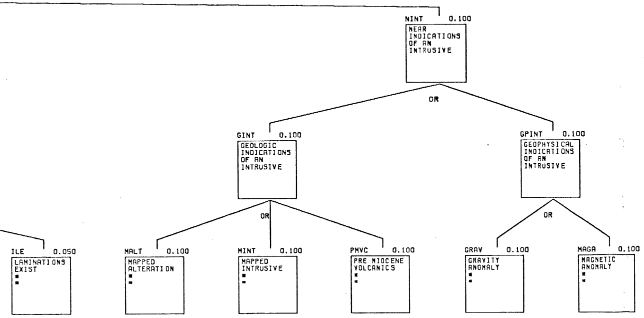

FGS 0.300
FAVOURABLE GEOLOGIC SETTING
1.5 , 0.5
1.5 , 0.1
1 , 0.01
1.5 , 0.5
FTS 0.100
FAVOURABLE TECTONIC SETTING
FLU 0.100
FAVOURABLE LITHOLOGIC UNITS
PMG 0.100
PERMISSIVE REGIONAL METAMORPHIC GRADE
10 , 1
10 , 0.1
0.001 , 1
6 , 1
15 , 1
OR
ICMP 0.100
COMPRESSION HAS TAKEN PLACE
IEXT 0.100
EXTENSION HAS TAKEN PLACE
NCU 0.300
NON CALCAREOUS UNITS
ICU 0.100
MAY INCLUDE CARBON UNITS
IMU 0.100
MARINE TRANSITIONAL ENVIRONMENT
POMG 0.100
POST ORE METAMORPH < HIGH GREEN SCHIST
PRMG 0.100
PRE ORE METAMORPHIC <= GREEN SCHIST
FLG 0.100
FAVOURABLE LOCAL GEOLOGY
AND
NAU 0.001
NEAR AU 10 KM
NSI 0.100
NEAR SILICIFICAION 10 KM
NTF 0.100
NEAR THRUST FAULT 10 KM


10 , 1
FMS 0.100
FAVOURABLE METALLOGENIC SETTING
*
OR
0 , 0
RCAI 0.050
REDUCED CALC ALKALINE INTRUSIVE < 15 KM
NKD 0.100
NEAR SELECTED KNOWN DEPOSITS
FALT 0.200
FAVOURABLE ALTERATION
*
*
4 , 1
1.5 , 1
4 , 1
4 , 1
QVA 0.100
QUARTZ VEINS OR JASPEROID BODIES
SIA 0.100
SILICA ALTERATION
*
*
DCAL 0.100
DECALCIFICATION
*
*
*
3 , 1
9 , 1
1000 , 1
IEMH 0.200
IN EM RESISTIVITY HIGH
*
IEHL 0.200
IN EM RESISTIVITY HIGH OVER LOW
MSI 0.100
MAPPED SILICIFICATION
*
*
20 , 1
10 , 1
1000 , 1
5 , 1
10 , 1
SBX 0.050
SELF BRECCIATION
*
*
IRLO 0.100
IN ELECTRICAL RESISTIVITY LOW
MDCA 0.100
MAPPED DECALCIFICATION
*
*
NCV 0.100
NEAR CALCITE VEINS
*
ITS 0.100
IN TOPOGRAPHIC SLUMP
*


FCGD 0.010
FAVOURABLE CARLIN GOLD DEPOSIT
20 , 1
FOP 0.300
FAVOURABLE ORE FORMING PROCESSES
5 , 0.5
10 , 0.01
5 , 0.5
FSTR 0.050
FAVOURABLE STRUCTURE
3 , 1
AGA 0.100
ARGILLIC ALTERATION
MGA 0.100
MAGNETITE DESTROYED ALTERATION
NTF 0.200
NEAR THRUST BELT 10 KM
3 , 0.01
5 , 1
NGPS 0.200
NEAR GEOPHYSICAL STRUCTURES
5 , 1
MFLT 0.100
MAPPED FAULTS
2 , 1
1000 , 1
3 , 1
3 , 1
1000 , 1
1000 , 1
20 , 1
OR
OR
ILSC 0.200
IN LANDSAT CLAY ANOMALY
IEML 0.200
IN EM RESISTIVITY LOW
MAA 0.100
MAPPED ARGILLIC ALTERATION
MMG 0.100
MAPPED MAGNETITE DESTRUCTION
IUMB 0.100
IN UNIFORM MAGNETIC BACKGROUND
NMLI 0.200
NEAR MAGNETIC LINEAMENTS
NELI 0.200
NEAR EM LINEAMENTS
NUF 0.100
FAULTS UNKNOWN TYPE
NCF 0.100
NEAR CALDERA FAULTS
NWF 0.100
NEAR WRENCH FAULTS
NNF 0.100
NEAR TENSION OR NORMAL FAULTS
NIC 0.100
NEAR INTRUSIVE CONTACT


5 , 1
4 , 0.5
FCHM 0.030
FAVOURABLE GEOCHEM
*
*
FHST 0.100
FAVOURABLE HOST
*
*
ISTX 0.050
IN AREA OF STRUCTURAL INTERSECTION
NKOC 0.050
NEAR KNOWN ORE CONTROL
30 , 1
AUCHM 0.001
ANOMALOUS GOLD CHEMISTRY
*
5 , 1
CARB 0.200
ANOMALOUS CARBON
*
*
2 , 0.5
AUAG 0.100
AU / AG RATIO > 0.5
*
20 , 1
PATH 0.100
ANOMALOUS PATHFINDER GEOCHEM
*
5 , 1
FINC 0.100
FAVOURABLE FLUID INCLUSIONS
*
0.001 , 1
INCU 0.300
NON CALCAREOUS ROCKS
*
5 , 1
IMU 0.200
CALCAREOUS ROCKS
*
*
1.5 , 1
IBE 0.010
BEDDING EXISTS
*
*
1.5 , 1
10 , 0.5
ASSBHG 0.100
TOXIC METALS AS SB HG ANOMALY
7 , 1
CUPB 0.100
BASE METALS CU PB ANOMALY
5 , 1
KBAB 0.100
OTHER METALS K BA B TL ANOMALY


NINT 0.100
NEAR INDICATIONS OF AN INTRUSIVE
OR
GINT 0.100
GEOLOGIC INDICATIONS OF AN INTRUSIVE
GPINT 0.100
GEOPHYSICAL INDICATIONS OF AN INTRUSIVE
OR
OR
ILE 0.050
LAMINATIONS EXIST
MALT 0.100
MAPPED ALTERATION
MINT 0.100
MAPPED INTRUSIVE
PMVC 0.100
PRE MIOCENE VOLCANICS
GRAV 0.100
GRAVITY ANOMALY
MAGA 0.100
MAGNETIC ANOMALY

CARLIN TYPE GOLD DEPOSIT
REVISED MODEL

GETCHELL TREND GIS/EXPERT SYSTEM
PILOT STUDY

RENO MEETING OCT 18, 1990
FMC, PLACER DOME, NORANDA

inches
0 1 2
0 1 2 3 4 5
centimetres
BRITISH COLUMBIA GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

DATA PLOTTED ON THIS MAP:
DIRECTORY: /PLACER4_OH/GRASS/DATA/TMPDATA/GTCHLL/PLK

	FIELD	FILE
POINTS:	ALPH	REV3.TXT
	1	REV3.VEC

0 50 100 150 200
METRES

PLACER DOME INC.

DRAWN PLK
DATE 90:10:30
SCALE 1:2000

CARLIN TYPE GOLD DEPOSIT
REVISED MODEL

NO.
PLATE

860822