

Ministère de l'Énergie et des Ressources
 Division des données géologiques
 DATE: 4 AVR 1991
 NO.G.M. 50162

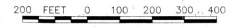
DATE	REVISION	INITIAL
02AUG88	New Drawing	AFF
08AUG89	Geological Interpretation Added	AFF

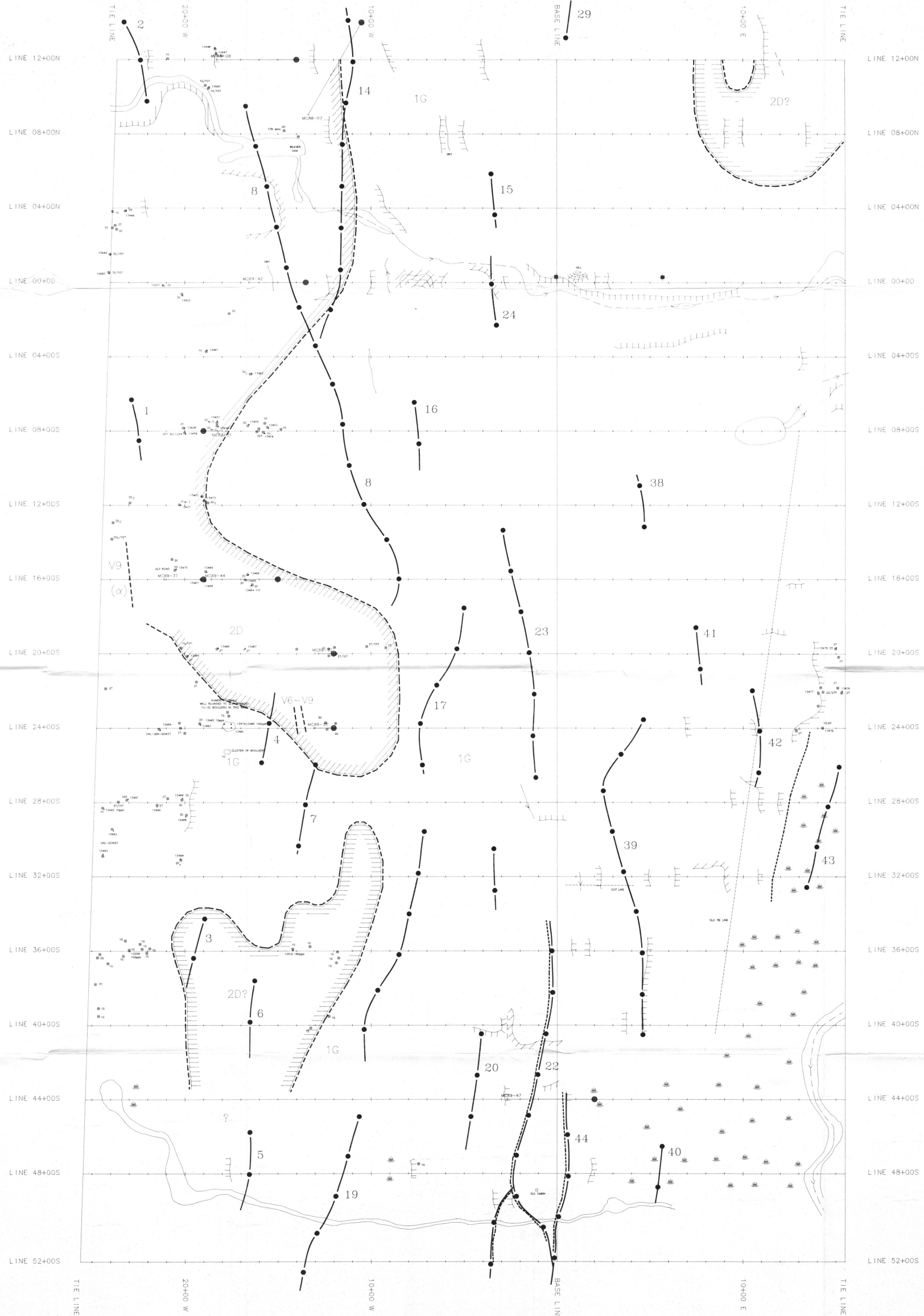
LEGEND		SLOPE		10 GRANDIORITE		FELSIC		I.P. RESISTIVITY LOW	
	SWAMP		SLOPE		GRANDIORITE		FELSIC		I.P. RESISTIVITY LOW
	CLAIM POST		STREAM		GRANITE		GARNETIFEROUS		GEOCHEMICAL CORRIDOR
	FLINT, BOULDER FIELD		V.F. (FRASER)		DIORITE		CARBONATISED		MAGNETIC HIGH
	OUTCROP/INFLOW ASSUMED SMALL		BODY OF WATER		QUARTZ DIORITE		SULPHID		V.F. CONDUCTOR
	VEH ATTRIBUTE, VERTICAL		ASSUMED CONTACT		ANDESITE		QUARTZ VEINS		HUMUS ANOMALY VALUE IN PPM
	SHEAR		ALTERATION ZONE		TUFF		V.F. DRILL HOLE		
	1:247 100% SAMPLE LOCATION/NUMBER & ASSAY VALUE IN PPM'S				RHYOLITE				



COMPOSITION	5	10
1	6	11
2	7	12
3	8	13
4	9	14

PLACER DOME INC.
 MCKENZIE 1
 COMPILATION MAP NORTH SHEET
 DATE DRAWN: SEPT 1990 SCALE: 1" = 200' MAP No:
 DRAWN BY: SERGE TREMBLAY MAP NAME: 401A1G1
 DATA BY: BLACK ROSE EXPLORATION N.T.S. 32C/95 1





Ministère de l'Énergie et des Ressources
 Division des données géologiques
 DATE 17 AVR 1991
 NO. G.M. 50162

DATE	REVISION	INITIAL
02/01/89	New Drawing	AFF
02/01/89	Geological Interpretation Added	AFF

LEGEND	
SWAMP	SLOPE
CLAM POST	STREAM
FLOAT, BOULDER FIELD	FRASER FILTER
OUTCROP-KNOWN/ASSUMED-SMALL	BODY OF WATER
VEIN ATTITUDE, VERTICAL	ASSUMED CONTACT
SHEAR	ALTERATION ZONE
1941 1941 SAMPLE LOCATION, NUMBER & ASSAY VALUE IN PPM'S	
10 GRANODIORITE	20 DIORITE
21 QUARTZ DIORITE	22 ANDIESTE
23 TUFF	24 RHYOLITE
25 FELSIC	26 GARNETIFEROUS
27 CARBONATISED	28 SLOPED
29 QUARTZ VEINS	30 HUMUS ANOMALY VALUE IN PPM
31 I/P RESISTIVITY LOW	32 GEOCHEMICAL CORRIDOR
33 MAGNETIC HIGH	34 VLF CONDUCTOR
35 DIAMOND DRILL HOLE	

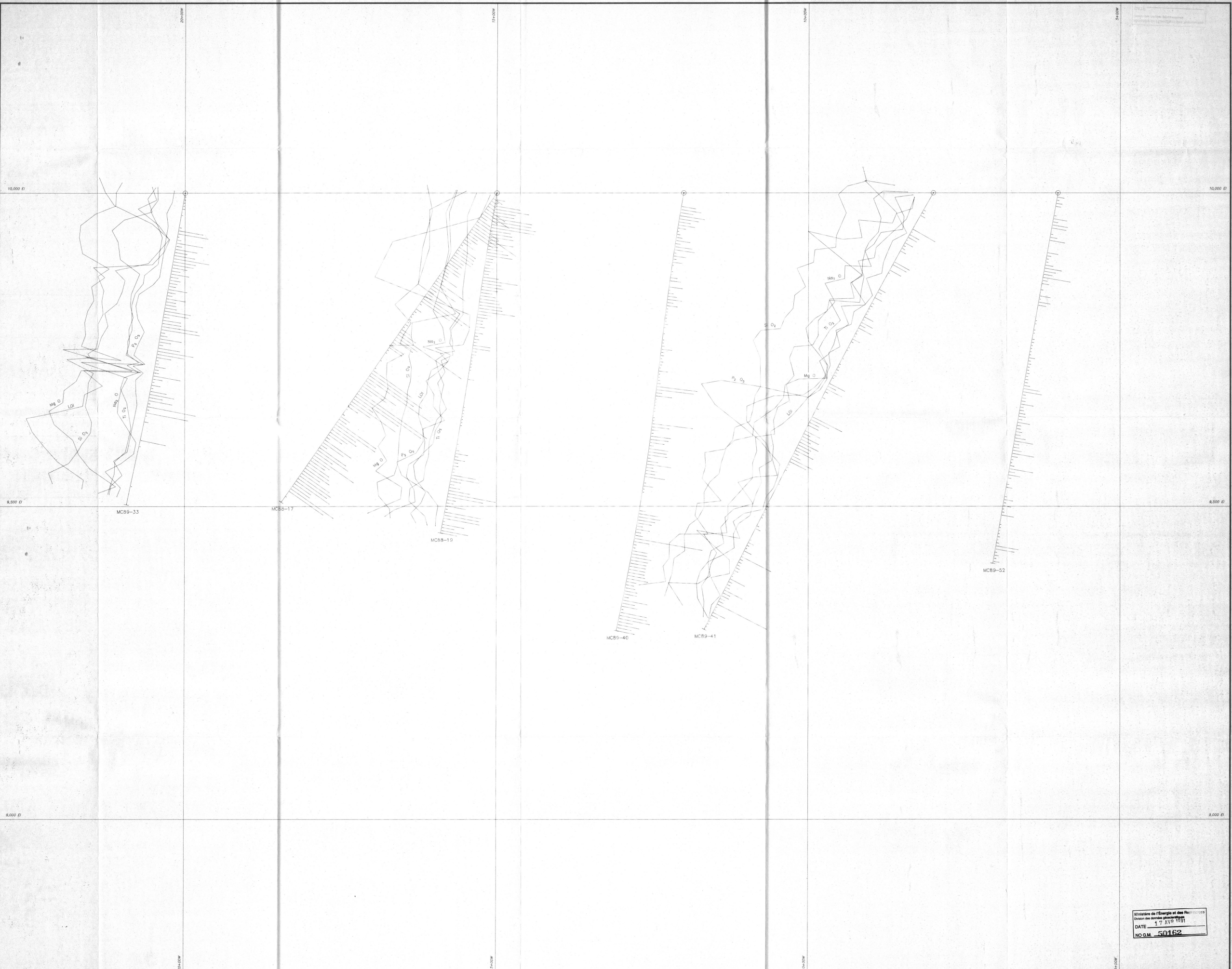


COMPOSITION	5	10
1	6	11
2	7	12
3	8	13
4	9	14

200 FEET 0 100 200 300 400

PLACER DOME INC.
 MCKENZIE 1
 COMPILATION MAP SOUTH SHEET

PROJECT (401A) SCALE: 1" = 200'
 DRAWN BY: S. TREMBLAY 10-90 NAME: MAP-401ACE2 MAP No:
 DATA BY: J. SIMONEAU 10-90 N.T.S. 32C/05 401A-17-04



DATE	REVISION	INITIAL
15Jan89	New Drawing	AFF
17Feb89	Update to MCB9-35	AFF
26Mar89	Survey Data Revised	AFF
14Nov89	MCB9-40, MCB9-41 Added	AFF
30Nov89	Susceptibility Readings Added	AFF
31Jan90	Geological Data Added	AFF
20Sept90	SDH Data Added	ST

LITHOLOGICAL LEGEND			
OVB : Overburden	1A : Quartz Monzonite	2D : Diorite	m : Mafic
V7 : Felsic Metavolcanics	1M : Monzonite	3L : Mafic Lamprophyre	# : Sheared
V8 : Intermediate Volcanics	1T : Tonalite	4P : Schist	x : Brecciated
V9 : Mafic Metavolcanics	1G : Granodiorite	M5 : Magnetite	[] : Porphyritic
V9 : Tuff	1R : Felsic Intrusive	f : Felsic	fg : Fine Grained
1C : Granite	2T : Quartz Diorite	i : Intermediate	mg : Medium Grained
			og : Coarse Grained
			b : Biotite
			n : Carbonate
			g : Garnetiferous
			qe : Quartz Eyes
			chl : Chloritic

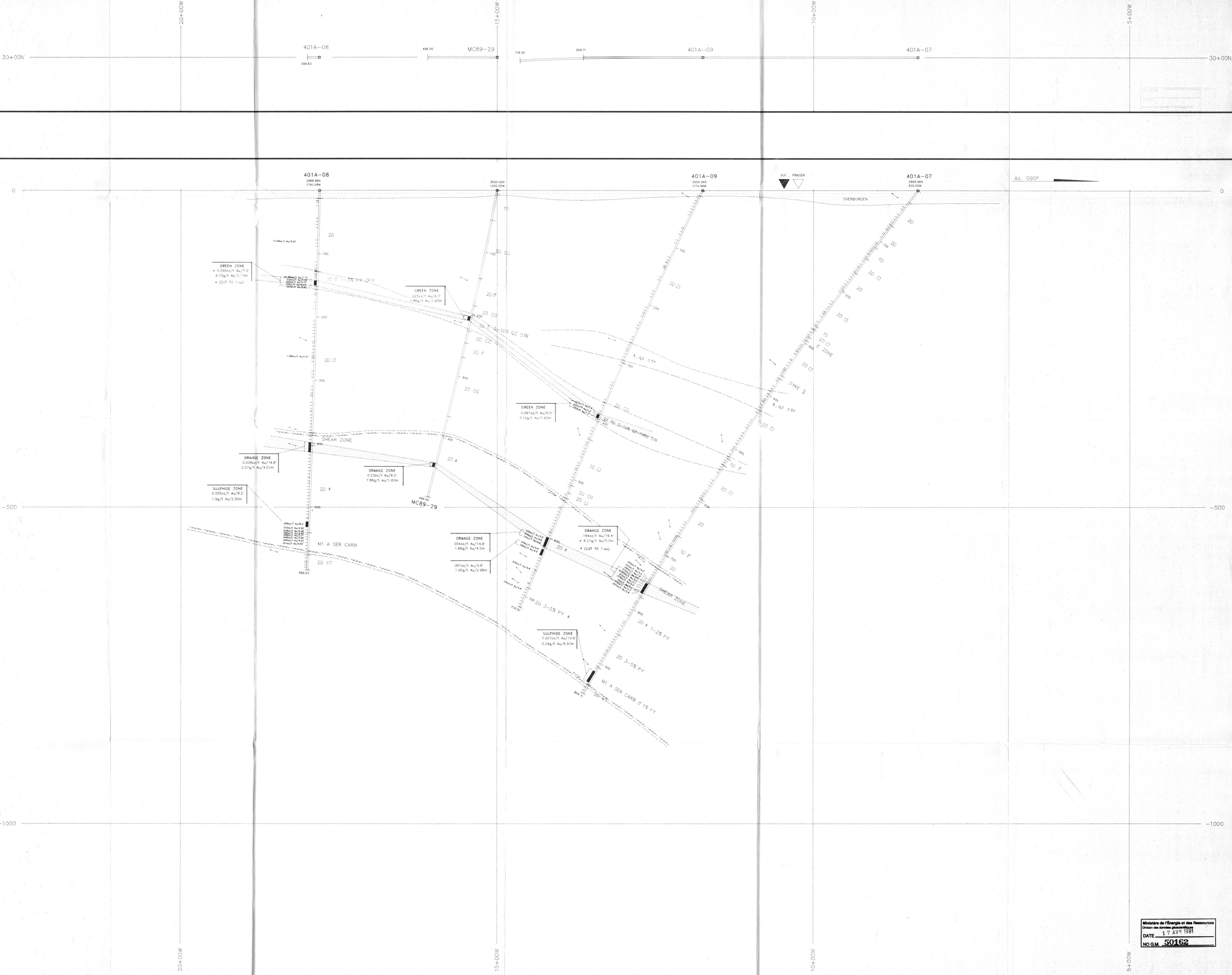
GEOLOGICAL SYMBOL LEGEND		
Vein	0.5-1.0% Pyrite	Weak Silicification
Shear	1.0-2.0% Pyrite	Moderate Silicification
Faultion	> 2.0% Pyrite	Strong Silicification
Contact	Assay 10% of actual value	Visible Gold
Susceptibility	Assay Histogram	Chalcoppyrite

COMPOSITION	5	10
1	6	11
2	7	12
3	8	13
4 DHI LINE	9	14

PLACER DOME INC.
GEOCHEM., MAG. PROFIL
SECTION 32+00N

PROJECT: Mc KENZIE #1 (401A)	SCALE: 1" = 50'	DWG No:
DRAWN By: S. TREMBLAY 10-90	NAME MAP: SEC32NW	
APPROVED By: J. SIMONEAU 10-90 N.T.S.	32C	

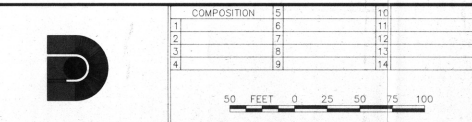
Ministère de l'Énergie et des Ressources
 Division des données géologiques
 DATE: 17 AVR 1991
 NO. G.M. 50162



DATE	REVISION	INITIAL
15 Jan 89	New Drawing	AFF
11 Feb 89	Update to MCB9-35	AFF
26 Mar 89	Survey Data Revised	AFF

LITHOLOGICAL LEGEND			
OV: Overburden	14: Quartz Monzonite	20: Granite	m: Mafic
VI: Felsic Metavolcanics	15: Migmatite	21: Quartz Diorite	sh: Sheared
VE: Intermediate Volcanics	16: Tonalite	M1: Schist	x: Brecciated
V7: Mafic Metavolcanics	17: Granodiorite	M5: Migmatite	[]: Porphyritic
V9: Tuff	18: Felsic Intrusive	f: Felsic	fg: Fine Grained
IG: Granite	19: Quartz Diorite	i: Intermediate	mg: Medium Grained
			cg: Coarse Grained
			h: Hematite Alteration
			st: Silicification
			cb: Carbonate
			ser: Sericite
			loc: locally
			fg: fine grained
			ch: Chloritic

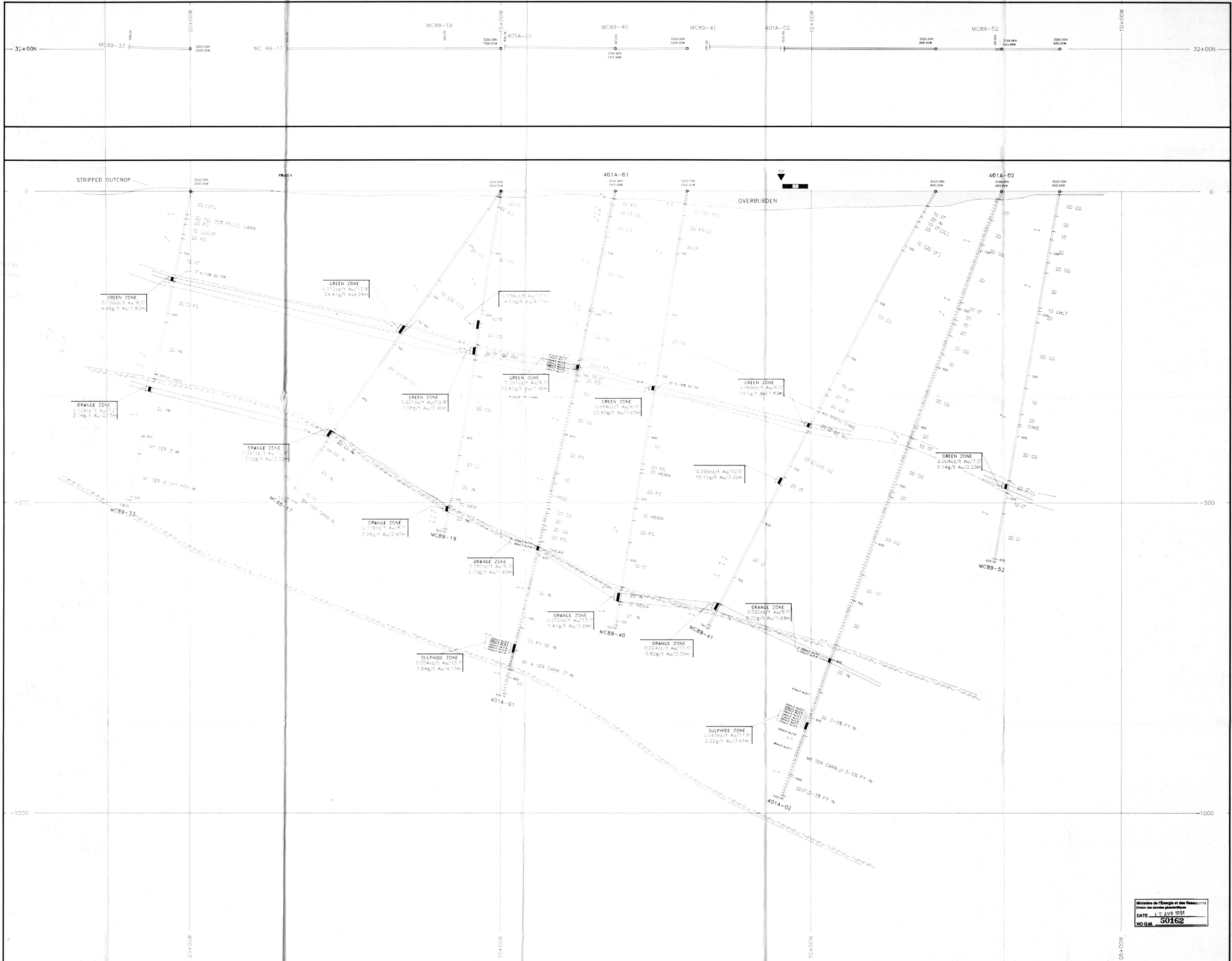
GEOLOGICAL SYMBOL LEGEND			
Vein	0.5-1.0% Pyrite	Weak Silicification	
Shear	1.0-2.0% Pyrite	Moderate Silicification	
Foliation	> 2.0% Pyrite	Strong Silicification	
Contact	Assay 10% of actual value	Visible Gold	
Susceptibility	Assay Histogram	Chalcopyrite	



PLACER DOME INC.
MCKENZIE #1 PROPERTY
SECTION 30+00N

PROJECT 401A	SCALE: 1" = 50'	DWG No:
DRAWN By: S. TREMBLAY 10/90	NAME MAP: SECTION	
APPROVED By: J. SIMONEAU 10/90	N.T.S.	32C

Ministère de l'Énergie et des Ressources
 Division des données géologiques
 DATE: 17 AVR 1991
 NO G.M. 50162



Ministère de l'Énergie et des Ressources
 Division des Services Géologiques
 DATE 12 AVR 1991
 NO G.M. 50162

DATE	REVISION	INITIAL
15/04/93	New Drawing	AFJ
11/04/93	Update to MCB9-33	AFJ
22/04/93	Survey Data Revised	AFJ

LITHOLOGICAL LEGEND			
019 - Overburden	14 - Quartz Monzonite	20 - Diorite	m - Mafic
V7 - Felsic Metavolcanics	15 - Monzonite	21 - Mafic Amphibolite	sh - Shales
VE - Intermediate Volcanics	17 - Tonalite	22 - Gabbro	Car - Carbonate
V2 - Mafic Metavolcanics	18 - Granodiorite	M1 - Schist	g - Gneiss
V9 - Felsic Intrusive	19 - Gabbro	M2 - Gneiss	q - Quartzite
T4 - Granite	20 - Quartz Diorite	f - Felsic	fg - Fine Grained
		i - Intermediate	mg - Medium Grained
			ch - Chlorite
		cg - Coarse Grained	hem - Hematite Alteration
		st - Siltstone	sil - Silicification
		car - Carbonate	ser - Sericite
		g - Gneiss	sc - Sphalerite
		q - Quartzite	scg - Sphalerite
		fg - Fine Grained	scg - Sphalerite
		mg - Medium Grained	scg - Sphalerite
		ch - Chlorite	scg - Sphalerite

GEOLOGICAL SYMBOL LEGEND			
vein	0.5-1.0% Pyrite	Weak Silicification	
shear	1.0-2.0% Pyrite	Moderate Silicification	
fold	> 2.0% Pyrite	Strong Silicification	
contort	Assay (G of actual value)	Chalcopitrite	
susceptibility	Assay Histogram		

COMPOSITION	5	10
1	6	11
2	7	12
3	8	13
4	9	14

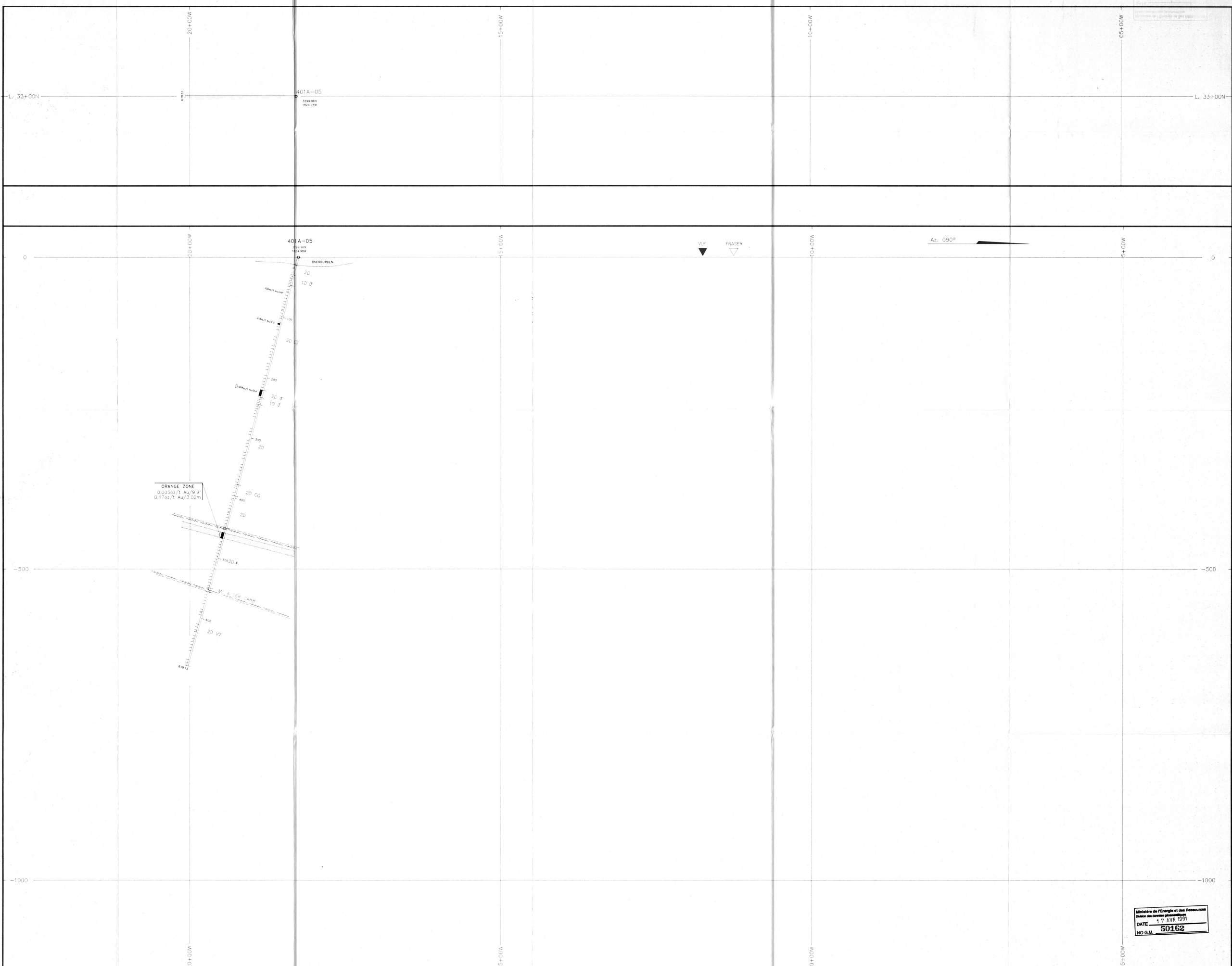
50 FEET 0 25 50 75 100

PLACER DOME INC.
 MCKENZIE #1 PROPERTY
 SECTION 32+00N

PROJECT 401A
 DRAWN By: S. TREMBLAY SEPT. 90
 APPROVED By: J. SIMONEAU 10/90

SCALE: 1" = 50'
 NAME MAP: SEC32NW
 N.T.S. 32C

DWG No:



ORANGE ZONE
 0.003oz/t Au/9.3'
 0.17oz/t Au/3.02m

DATE	REVISION	INITIAL
15Jan89	New Drawing	AFF
11Feb89	Update to MCR-35	AFF
28Mar89	Survey Data Revised	AFF

LITHOLOGICAL LEGEND			
OV# Overburden	TA Quartz Monzonite	20 Granite	m Mafic
V1 Felsic Metavolcanics	TM Monzonite	21 Mafic Lamprophyre	sh Sheared
V2 Intermediate Volcanics	TN Tonalite	M1 Schist	x Brecciated
V3 Mafic Metavolcanics	TD Granodiorite	M2 Migmatite	□ Pyrophyllite
V9 Tuff	TR Felsic Intrusive	F Felsic	g Garnetiferous
TG Granite	2T Quartz Granite	I Intermediate	sq Quartz Eyes
			mg Medium Grained
			chl Chloritic
			cg Coarse Grained
			b Biotite
			Carb. n Carbonate
			ser Sericite
			fs Fine Grained
			CG coarse grained
			hem Hematite Alteration
			sil Silicification

GEOLOGICAL SYMBOL LEGEND			
Van	0.5-1.0% Pyrite	Weak Silicification	
Shear	1.0-2.0% Pyrite	Moderate Silicification	
Foliation	> 2.0% Pyrite	Strong Silicification	
Contact	Assay 10% of actual value	Visible Gold	
Susceptibility	Assay Histogram	Chlorophyllite	



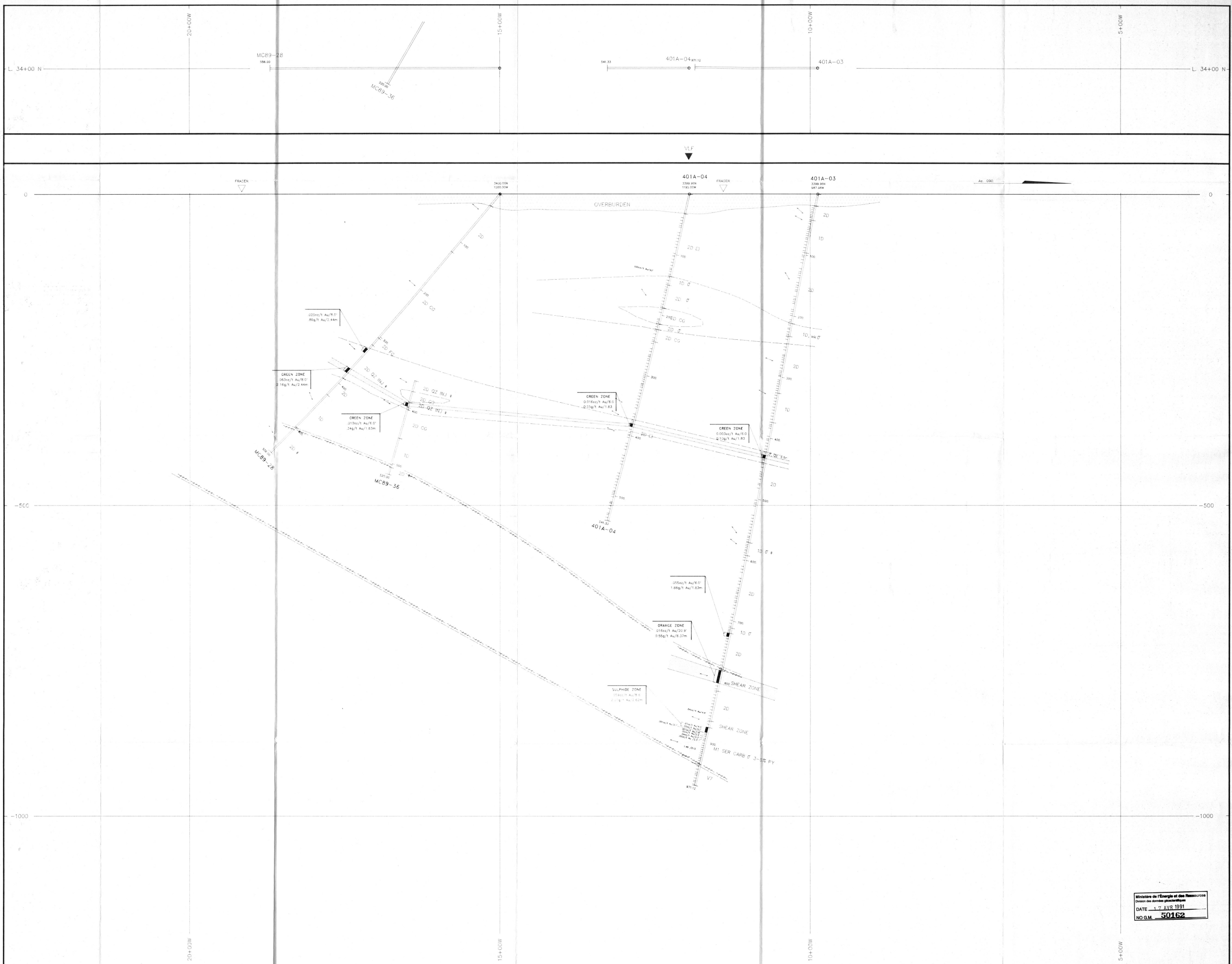
COMPOSITION		
1	6	11
2	7	12
3	8	13
4	9	14

50 FEET 0 25 50 75 100

PLACER DOME INC.
 MCKENZIE #1 PROPERTY
 SECTION 33+00N

PROJECT 401A SCALE: 1" = 50'
 DRAWN By: S. TREMBLAY 10-90 NAME MAP: SEC33N DWG No:
 APPROVED By: J. SIMONEAU 10-90 N.T.S.: 32C 401A-44-03

Ministère de l'Énergie et des Ressources
 Division des cartes géologiques
 DATE 17 AVR 1991
 NO G.M. 50162



DATE	REVISION	INITIAL
15/02/89	New Drawing	AFF
11/02/89	Update to MC89-35	AFF
26/02/89	Survey Data Revised	AFF

LITHOLOGICAL LEGEND											
OB	Overburden	14	Quartz Monzonite	20	Granite	m	Mafic	cg	Coarse Grained	hem	Hematite Alteration
V1	Felsic Metavolcanic	15	Mafic Lamprophyre	21	Sheared	sh	Sheared	b	Breccia	st	Silicification
V2	Intermediate Volcanic	16	Schist	22	Brecciated	cb	Carbonate	cc	Carbonate	sc	Sericite
V3	Mafic Metavolcanic	17	Schist	23	Porphyritic	pp	Porphyritic	g	Garnetiferous	loc	locally
V4	Felsic Metavolcanic	18	Granodiorite	24	Felsic	f	Felsic	fg	Fine Grained	lc	locally
V5	Tuff	19	Migmatite	25	Quartz Eyes	qe	Quartz Eyes	fg	Fine Grained	cc	coarse grained
V6	Granite	20	Quartzite	26	Intermediate	i	Intermediate	mg	Medium Grained	chl	Chloritic

GEOLOGICAL SYMBOL LEGEND		
Shear	0.5-1.0% Pyrite	Weak Silicification
Fracture	1.0-2.0% Pyrite	Moderate Silicification
Contact	> 2.0% Pyrite	Strong Silicification
Susceptibility	Assay 10% of actual value	Visible Gold
	Assay Histogram	Chalcocite



COMPOSITION	5	10
1	6	11
2	7	12
3	8	13
4	9	14

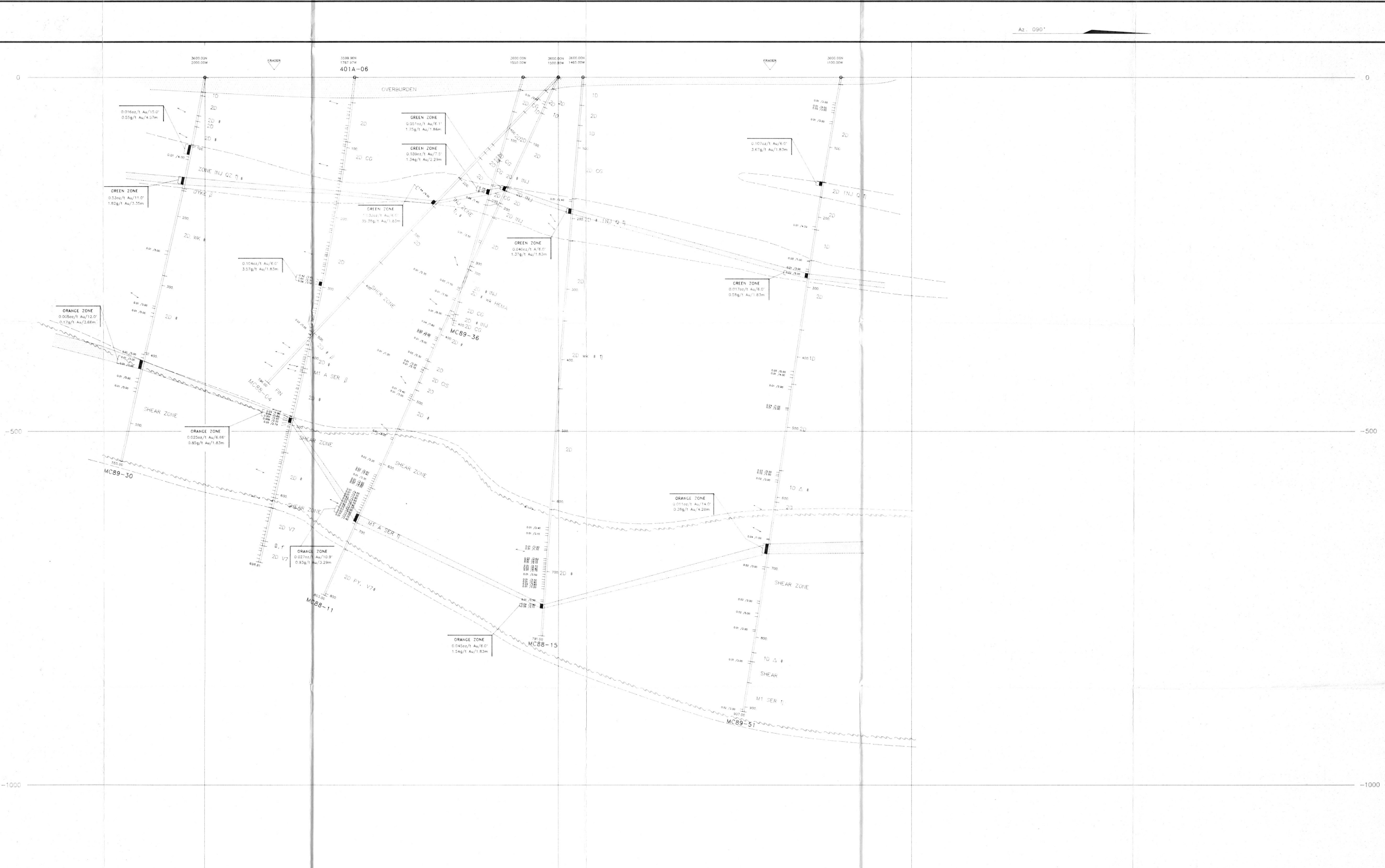
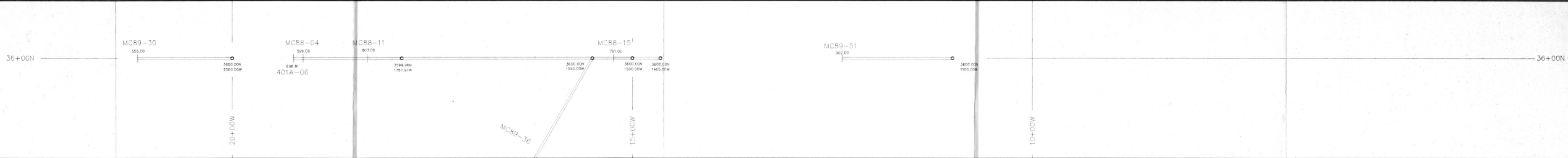
50 FEET 0 25 50 75 100

PLACER DOME INC.

MCKENZIE #1 PROPERTY SECTION 34+00N

PROJECT 401A SCALE: 1" = 50' DWG No: 40A-44-04
 DRAWN By: S. TREMBLAY 10-90 NAME MAP: SEC34N
 APPROVED By: J. SIMONEAU 10-90 N.T.S: 32C

Ministere de l'Énergie et des Ressources
 Division des données géologiques
 DATE: 17 AVR 1991
 NO.G.M. 50162



Ministère de l'énergie et des Ressources
 Div. des ressources géologiques
 DATE 17 AVR 1991
 NOGM 50162

DATE	REVISION	INITIAL
15 Jan 89	New Drawing	AFF
11 Feb 89	Update to MCR-35	AFF
28 Mar 89	Survey Data Revised	AFF

LITHOLOGICAL LEGEND			
OV# Overburden	14 Quartz Monzonite	20 Diorite	m Mafic
V7 Felicit Metavolcanics	15 Monzonite	21 Mafic Lamprophyre	sh Sheared
16 Intermediate Volcanics	17 Tonalite	MT Schist	o Overcooled
V9 Mafic Metavolcanics	18 Granodiorite	MS Magnetite	g Garnetiferous
V9 Tuff	19 Felicit Intrusive	f Felicit	fg Fine Grained
10 Granite	21 Quartz Diorite	i Intermediate	mg Medium Grained
		ch Chloritic	

GEOLOGICAL SYMBOL LEGEND			
Vein	0.5-1.0% Pyrite	Weak Silicification	
Shear	1.0-2.0% Pyrite	Moderate Silicification	
Foliation	> 2.0% Pyrite	Strong Silicification	
Contact	Assay 10% of actual value	Visible Gold	
Susceptibility	Assay Histogram	Chalcopyrite	

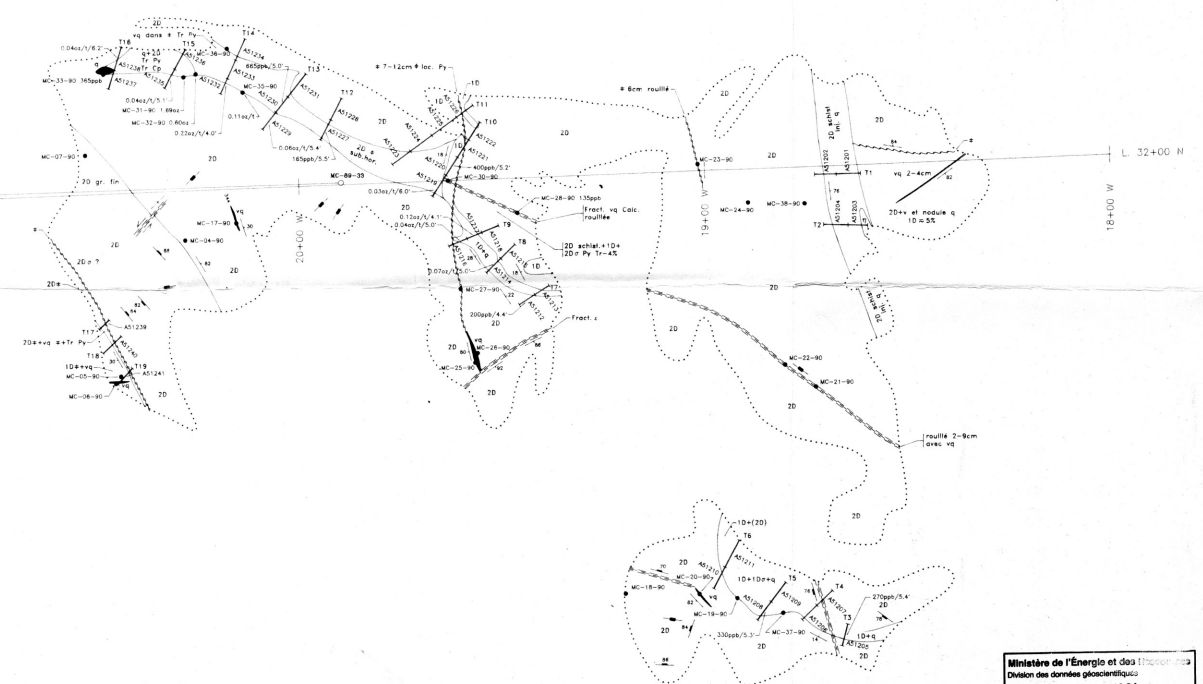
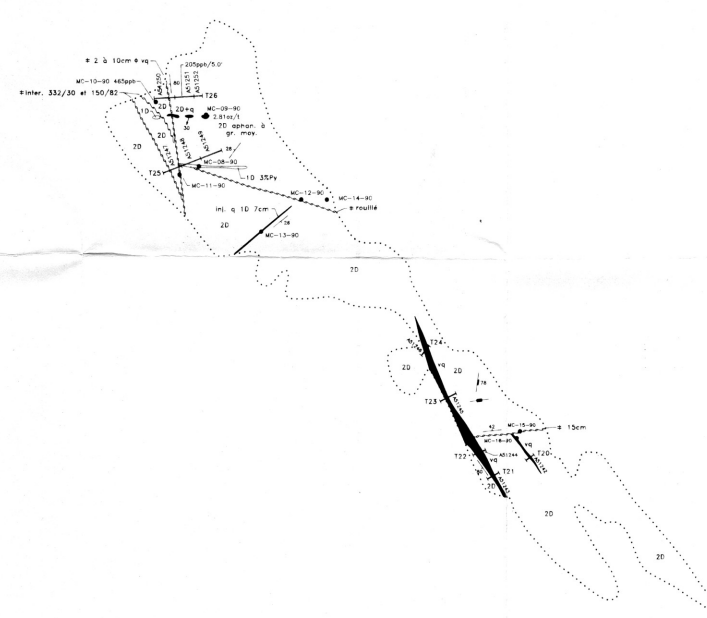


COMPOSITION	5	10
1	6	11
2	7	12
3	8	13
4	9	14

PLACER DOME INC.
 MCKENZIE #1 PROPERTY
 SECTION 36+00N

DATE DRAWN: OCT. 30 1990 SCALE: 1" = 50' DWG No:
 DRAWN By: R. DUCHESNE PROJECT No: 401 A
 APPROVED By: N.T.S. 32c 401A-44-05

L. 34+00 N 23+00 W 22+00 W 21+00 W 20+00 W 19+00 W 18+00 W L. 34+00 N



L. 32+00 N 23+00 W 22+00 W 21+00 W 20+00 W 19+00 W 18+00 W L. 32+00 N

Ministère de l'Énergie et des Infrastructures
 Division des données géométriques
 DATE 17 AVR 1991
 NO.G.M. 50162

LEGENDE

- 2D DIGAITE
- 1D GRANDCHORITE
- q QUARTZ
- vg QUARTZ VEIN
- py PYRITE
- CS CHALCOPYRITE
- Frac FRACTURE
- Calc CALCITE
- Carb CARBONATISED
- Sil SILICIFIED
- Chl CHLORITISED
- Epi EPIDOTISED
- S Shear ZONE
- Incl. Inclined STRATIFICATION
- Di. Incl. DIACLASE
- Ver. Vertical DIACLASE
- Chan CHANNEL
- Gr. Grab SAMPLE
- Qv. Quartz VEIN
- Fr. FRACTURED
- Sh. SHEARED
- Geo. Geological CONTACT
- Str. STRIPPING
- 0.22oz/1/4' OUNCE/TON AU/FEET

PLACER DOME INC.
 DISTRICT NORD-OUEST

TITLE STRIPPING SUMMER 90		
PROJECT TUNDRA OPTION (401A)	EXECUTED BY R.D. J.S. A.A.	DATE 07-90
TOWNSHIP FIEDMONT	SUPERVISED BY J. LEBEL	DATE 07-90
RANGE	DRAWN BY S. TREMBLAY	DATE 09-90
LOT 60	REVISED BY	DATE
N.T.S. 32 G/S	SCALE 1" = 20' 10'	PLAN No.