CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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STERLING EXPLORATION
PRECIOUS METALS EXPLORATION CONSULTANTS
3007 LOUISIANA NE, SUITE C
ALBUQUERQUE, NEW MEXICO 87110, U.S.A.
TELEPHONE (505) 884-7262

GEOCHEMICAL SUPPLEMENT TO THE MAUD HILL GEOLOGIC-ALTERATION GEOCHEMICAL MAP

Turquoise Mining District
Cochise County, Arizona

Philip J. Sterling
May, 1986

MAUD HILL GEOCHEMS

MH SERIES* (exclusive of prospects or mines with separate maps)

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
M-1-G-1	MnO soaked ls. SW qtz jasperoid & cal. vnlts.	0.06	1.15	48	810	2500	1	2.5%	1400
M-1-G-2	MnO soaked ls. SW pink cal. vnlts.	0.01	4.85	32	1600	2400	35	5.1%	2100
M-1-G-3	ls. w/strong C-D alteration	--	0.4	14	38	72		3200	1200
M-1-G-4	jasperoid br. w/lm. @ sulf. & CuOx	0.485	5.78 oz/T	9.8%	2500	3900	--	1800	1600
M-1-G-5	pink cal. vnlt.	--	1.2	303	690	2400	--	12.1%	1600
M-1-G-6	MnO soaked ls.	--	0.75	158	212	1100	8	2.74%	2100
M-2-G-1	mod. MnO soaked dark grey ls.	--	1.6	16	44	1200	--	1.14%	1400
M-2-G-2	strong MnO soaked black ls.	--	1.1	29	159	1100	2	2.18%	1700
M-2-G-3	MnO soaked & dolo. ls.	--	0.95	24	194	4200	2	2.56%	2900
M-2-G-4	strong MnO soaked ls.	--	0.95	14	66	444	--	2.41%	2100
M-2-G-5	strongly dolo. ls.	--	0.8	24	166	888	1	1.24%	13.9%
M-3-G-1	dolo. & MnO soaked ls. w/SW pink cal. vnlts.	0.185	23.8	184	5100	1.27%	2	1.96%	6800
M-3-G-2	strong MnO soaked ls.	0.025	7.25	444	1700	5100	6	3.6%	3000
TJ-1	cherty jasperoid br.	0.015	2.45	44	142	92	NA	550	185
TJ-2	cherty jasperoid br. w/ strong MnO on fracts.	.005	2.2	44	50	246	NA	1200	345
TJ-3	cherty jasperoid br.	0.005	2.4	116	132	64	NA	194	190
TJ-4	cherty jasperoid br. w/ SW qtz. vnlts.	0.135	8.45	374	352	172	NA	156	525
TJ-5	massive lm. @ py. & MnO dump of TJ-4	0.035	7.45	80	94	182	NA	4000	530

MAUD HILL GEOCHEM SAMPLES

NM SERIES*

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
NM-1- Єb	strongly fract. Єb	--	1.95	16	26	26	22	52	825
NM-2-Jt	sil. Jt br. MnO & lm @ sulfide on fracts.	0.06	4.15	218	566	48	10	50	6700
NM-3- Єb	fract. Єb strong lm @ py	--	1.35	18	24	56	52	104	414
NM-4- Єb	fract. Єb strong lm & py	--	0.95	88	56	21	48	36	1300
NM-5-Ks	ser. Ks strong lm @ py capping	0.01	0.3	14	12	12	10	27	2500
NM-6-Ks	ser. Ks strong lm @ py capping	--	0.5	18	12	16	--	14	2300
NM-7-Ks	ser. Ks strong lm @ py capping	0.01	0.7	14	12	18	24	22	2100
NM-8-Ks	d.h. cutting ser. Ks w/ much X py	0.035	2.95	1100	88	362	2	364	1.82%
NM-9- Єb	strongly fract. & br Єb	0.01	0.3	14	18	22	--	66	322
NM-10-	No Sample								
NM-11-Ks	highly fract. & ser. Ks strong lm & py	--	0.95	61	16	60	--	42	5400
NM-12-Ks	highly fract. & ser. Ks strong lm & py	--	0.9	64	22	21	--	42	5200
NM-13-Ks	highly fract. & ser. Ks strong lm & py	--	0.45	41	34	22	--	60	5700
NM-14-Jt	dump sample ser. Jt st. w/lm & py	--	1.35	29	154	16	--	64	3700
NM-15-Jc	ser. Jc very strong MnO on fracts.	0.285	17.2	8800	1100	747	--	2300	1500
NM-16-Jc	ser. Jc very strong MnO on fracts.	0.085	10.4	2200	1200	727	--	3500	4200
NM-17-Jc	ser. Jc very strong MnO on fracts.	0.08	5.95	5400	544	456	24	666	2000

MAUD HILL GEOCHEM SAMPLES (cont'd)

NM Series

ample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
NM-18-Jc	strongly ser. Jc w/lm @ py on fracts.	0.025	3.15	466	244	106	44	148	2400
NM-19-Jc	ser. Jc mod MnO & lm @ py on fracts.	0.075	2.25	44	64	544	--	1400	7400
M-20-Jc	min. E-W structure in strongly arg. Jc	0.01	5.65	164	740	56	40	168	4100
M-21-Jc	arg. Jc lm @ py & turquoise on fracts.	--	1.25	1800	68	206	--	64	2400
M-22	qtz flooded & strongly fract. Jt	--	1.85	24	34	32		54	
M-23	red hem. & yellow lm @ sulf. 1.5' vn	0.085	2.45	174	28	22		38	
M-24	lm @ massive sulf. vn 3' wide	--	2.8	574	46	24		88	

* samples taken north of Maud Hill

MAUD HILL GEOCHEM SAMPLES

ME SERIES*

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
ME-1	jasperoid br. much drusy qtz.	0.03	0.9	15	40	54	18	204	2200
ME-2	dolo. ls br strong MnO on fracts.	0.025	0.45	12	764	2200	--	7600	9900
ME-3	Ks pyroclastic w/SW qtz vnlts.	0.04	0.2	8	12	36	26	229	3100
ME-4	dense dark red banded jasperoid	0.055	0.25	8	28	45	2	285	1100
ME-5	jasperoid & jasperoid br	0.06	0.15	11	48	44	26	124	840
ME-6	dark purple jasperoid	0.065	0.20	6	27	32	--	88	1100
ME-7	large mass of jasperoid br	0.015	0.95	14	44	88	460	48	1600
ME-8	tan to pink jasperoid br	0.01	0.05	9	32	38	110	56	707
ME-9	strongly dolo. ls MnO on fracts.	0.065	0.26	6	22	25	26	1100	6.6%
ME-10	tan to red jasperoid br	0.045	0.2	6	24	42	--	98	1100

* samples taken east of Maud Hill

MAUD HILL GEOCHEMS

G SERIES*

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
G-1	strongly hem. st. Ks from shaft	0.31	1.05	1200	29	121	66	182	2100
G-2	Ks br. latite frags. in hem-lm. cement	0.28	1.1	171	104	68	16	88	2200
G-3	dh cuttings of hem. st. Ks	0.45	1.05	140	76	52	180	320	3400
G-4	recry. ls. from shaft collared in Jc	2.85	1.2	24	46	216	--	1100	2900
G-5	red & gr. jasperoid br. w/white ∠ frags.	0.035	2.6	41	3900	1600	--	2800	2100
G-6	lm. @ py. from dump in MnO soaked ls.	0.02	1.75	88	586	1800	140	384	606
G-7	200'x40' jasperoid br.	1.24	1.61 oz/T	1.81%	46	2200	64	1100	410
G-8	major jasperoid br., extensive dumps	0.69	1.68 oz/T	1400	1.02%	8300	120	9100	1500
G-9	MnO soaked ls. surrounding G-8 jasperoid	0.285	22.4	588	3600	6400	66	1.72%	607
G-10	lm. @ sulf. on dump from adit under G-8	2.48	3.11	3400	7500	9100	605	1100	302
G-11	black jasp MnO stained jasperoid @ contact of G-8 & G-9	0.155	10.6	2800	8600	24.7%	28	1.51%	1700
G-12	lm. @ massive sulf. gossan 3' exposed thickness	0.16	5.25	316	164	2200	--	1800	2400
G-13	highly fract. & MnO st. <u>above</u> gossan (G-14)	0.015	-.75	54	58	252	--	312	5500
G-14	lm @ massive sulf. gossan <u>under</u> Jc	--	2.86% oz/T	6.66%	2400	1.94%	--	323	1800
G-15	gossan along high ∠ flt. surrounded by Jc	0.58	10.4	820	144	260	--	126	3500

MAUD HILL GEOCHEMS (Cont'd)
G Series - Page 2

Sample No.	Description	Au	Ag	Cu (ppm)	Pb (ppm)	Zn (ppm)	WO_3 (ppm)	Mn (ppm)	Mg (ppm)
G-16	gossan on dump from stoped out Mantos	1.085	7.66 oz/T	4.5%	1.99%	3.14%	--	3500	2200
G-17	gossan on dump 400' NNW of G-16	0.39	22.8	11.48%	7600	1.22%	50	1400	5100
G-18	strongly MnO stained Mystery Mine jasperoid	0.095	1.41%	3300	4400	12.6%	262	9.4%	6500
G-19	irregular zone of strong MnO st. in Ks	--	1.3	248	920	1400	--	3400	2100
G-20	dolo. ls. br. at contact w/overthrust Ks dump sample	--	1.45	222	199	1100	--	5500	4100
G-21	Ks & dolo. ls. br. at overthrust contact dump sample	0.085	3.4	948	198	2400	334	626	1100
G-22	southernmost jasperoid br. on Gleeson Ride	0.01	1.65	202	144	388	24	1900	6600
G-23	Jc plate exposed under G-22	0.01	0.55	44	44	509	--	2400	8100
G-24	Jc exposed south of G-23	0.02	1.35	34	42	174	--	1600	6100
G-25	dump sample at stoped out jasperoid	0.335	12.99 oz/T	2.07%	4800	4100	78	1.46%	707
GJ-1	Tom Scott Jasperoid br. above ore	0.385	5.88 oz/T	424	1.02%	48	NA	225	255
GJ-2	2.5' zone of strong MnO soaking surrounding Tom Scott jasperoid	0.020	13	222	2300	1200	NA	4500	NA
GJ-3	C-D zone surrounding Tom Scott jasperoid	0.005	0.55	116	54	66	NA	1200	NA
GJ-4	Tom Scott jaserpoid br. ore	1.66	8.88 oz/T	9.15%	1.48%	1.61%	NA	600	NA
GJ-5	MnO soaked zone adjacent to GJ-4	0.190	12.5	3400	3900	1.1%	NA	2.31%	NA
GJ-6	Defiance Mine jasperoid br. (ore)	0.118 oz/T	19.95 oz/T	630	1.45%	266	NA	333	NA
GJ-7	3' wide zone of MnO soaking adjacent to GJ-6	0.055	30.5	162	244	1800	NA	5.4%	NA

MAUD HILL GEOCHEMS (Cont'd)
G Series - Page 3

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
GJ-8	C-D zone surrounding Defiance jasperoid	0.01	1.85	60	100	154	NA	7000	NA
GJ-9	C-D zone, Tom Scott area	0.02	13	222	2300	1200	NA	4500	NA
GM-1	strongly MnO st. Jc 75' over Cu Belle Mine	0.35	1.25	310	40	1100	NA	2200	NA
GM-2	cup. py from Cu Belle dump	0.2	9.5	3100	1600	262	NA	26	NA
GB-1	highly br. & lm. st. Єb over Cu ore	0.025	3.35	252	92	54	NA	148	NA
GB-2	massive lm. @ cup. py. on dump	0.395	13.85	2.44%	130	3500	NA	3000	NA
GB-3	Ph(?) underlying Cu ore	--	1.6	464	28	64	NA	510	NA

* Samples taken on Gleeson Ridge

NA = not assayed

MAUD HILL GEOCHEM SURVEY

MS SERIES*

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
MS-1	jasperoid br. black jasp. frags. in white qtz. matrix	0.05	6.95	31	1100	104	--	1100	410
MS-2	black MnO soaked ls. exposed in trench	0.015	3.75	24	2.61%	3100	--	7.6%	3.5%
MS-3	grey MnO soaked ls. br.	0.465	1.05	40	444	6100	--	1.41%	7900
MS-4	black MnO soaked ls. exposed in shaft	0.01	0.45	8	1800	2200	118	15.1%	3700
MS-5	black MnO soaked Bolsa qtzite-upper plate	0.215	7.65	244	1700	2200	12	10.6%	990
MS-6	Bolsa qtzite-upper plate, MnO on fracts.	0.065	0.35	19	56	127	--	5600	515
MS-7	MnO soaked Ls. below Bolsa plate	0.065	0.4	12	64	166	--	1.74%	4200
MS-8	vert. N-S 3" hem-silica vn. in Ks	4.825	5.15 oz/T	3000	2.81%	1800	--	370	1400
MS-9	high ∢N45W hem-silica vn. 1' wide in Ks	2.385	3.78 oz/T	1200	8.3%	2400	320	505	505
MS-10	MnO soaked ls. breccia exp. along on E-W fault & surrounded by Bolsa qtzite	0.02	1.35	35	1100	269	--	5900	5200
MS-11	hem. & MnO st. Bolsa qtzite	0.045	4.75	66	354	64	--	400	460
MS-12	sil. & MnO st. ls. at contact w/upper plate Bolsa	--	0.85	22	308	196	4	2400	2900
MS-13	an E-W zone of black MnO soaked ls.	1.065	1.9	89	1400	366	--	8.1%	1600
MS-14	sil. & dolo. ls. @ Jc contact	--	0.45	12	88	88	12	1100	1.2%
MS-15	red jasperoid br. in contact	0.045	1.15	54	56	448	88	139	1200

MAUD HILL GEOCHEM SURVEY (Cont'd)
MS Series - Page 2

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
MS-16	jasperoid br., white < frags in red & yellow sil. matrix	--	0.25	16	56	184	48	188	707
MS-17	jasperoid br., white < frags in red & yellow sil. matrix	0.015	0.4	10	52	124	--	48	1700
MS-18	jasperoid br., white < frags in red & yellow sil. matrix	0.035	0.25	22	44	88	--	50	3500
MS-19	C-D altered Horiquilla ls.	0.04	0.3	14	28	146	--	2500	666
MS-20	jasp. br. w/much lm. @ sulf.	0.485	3.35	42	269	428	126	112	895
MS-21	D altered Horiquilla ls.	0.045	0.4	16	22	42	--	2200	1.78%
MS-22	MnO & C-D altered Horiquilla ls.	0.425	0.45	11	36	124	--	2.25%	1300
MS-23	highly shattered dark purple jasperoid br.	0.785	0.35	24	66	148	--	247	606
MS-24	Ks br., strong ser. alter., much lm. @ sulf.	2.555	16.35 oz/T	1100	7.1%	1700	264	680	520
MS-25	red hem. altered Bolsa	--	3.45	322	99	69	--	214	2100
MS-26	Jc underlying MS-25 much lm. @ sulf.	0.35	4.65	8700	142	104	25	84	299
MS-27	jasperoid br., white < frags in red matrix	--	0.64	88	126	94	--	777	505
MS-28	red jasperoid br. w/ white < frags.	--	6.1	84	44	288	--	76	44
MS-29	MnO soaked Escabrosa ls.	--	0.8	20	66	266	--	2600	1900
MS-30	D altered ls. br.	0.025	0.75	16	48	124	--	4400	1.86%
MS-31	jasperoid br. w/frags. of recry. ls.	--	5.85	22	52	84	--	324	707
MS-32	MnO soaked Horiquilla ls.	--	0.45	16	42	132	--	6100	1100

MAUD HILL GEOCHEM SURVEY (Cont'd)
MS Series - Page 3

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
MS-33	Jc underlying jasp. br.	--	1.05	28	66	169	--	86	2100
MS-34	jasperoid br. w/stg. MnO on fracts.	--	4.85	25	274	201	--	1100	188
MS-35	wkly. MnO st. Escabrosa ls.	--	0.3	15	46	44	20	214	702
MS-36	strongly MnO soaked ls.	1.355	3.36	166	6700	1900	158	11.8%	1400
MS-37	sil. Ks br. stg. hem.	0.035	4.7	90	120	526		7800	
MS-38	breccia ls. frags. in a hem. MnO matrix	--	14.8	44	586	276		168	
MS-39	red him. rich jasperoid br.	--	16.9	36	796	303		246	
MS-40	breccia jasperoid frags. in a hem. matrix	0.025	11.6	22	536	66		148	
MS-41	low < fault br., sil. ls.	2.64	24.5	16	696	429		228	

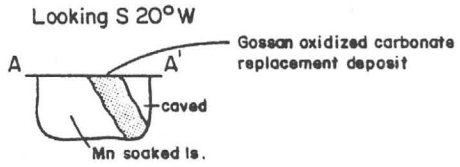
* Samples taken south of Maud Hill

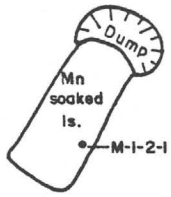
MAUD HILL GEOCHEM SAMPLES

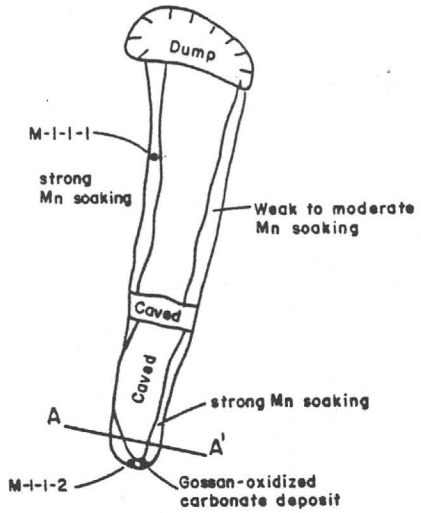
L Series*
Mo Series**
C-D Series***

Sample No.	Description	Au	Ag	Cu	Pb	Zn	WO_3	Mn	Mg
				ppm					
L-1-L	fract. filling vn 1" wide qtz-hem-MnO	3.15	5.69 oz/T	9100	3.36%	2.33%	208	1800	2100
L-2-L	fract. filling qtz vn 1.5' wide	4.35	3.14 oz/T	1100	2.86%	2700	--	496	504
L-3-L	fract. filling qtz vn 2' wide	0.065	0.9	29	216	101	--	209	412
L-4-L	dump sample of fract. filling qtz-lm vnlts. in br.	3.75	4.36 oz/T	3600	3.54%	2800	800	268	909
Mo-7	coarsely X cal & hem	1.38	2.4	11	20	28	--	810	710
Mo-8	strongly dolo. ls br.	--	0.75	26	24	32		588	
Mo-9	jasperoid br w/qtz-cal-barite vnlts.	--	+100	119	346	199		444	
CD-1	mass of very coarsely X bn. calcite	0.025	0.35	8	94	202	--	4800	1200
CD-2	strongly dolo. ls br.	0.015	2.65	12	526	1700	8	2200	6.5%
CD-3	strongly dolo. ls br.	--	1.4	6	152	606	--	1400	6.2%
CD-4	strongly dolo. ls br.	--	1.2	11	156	362	--	1800	6.6%

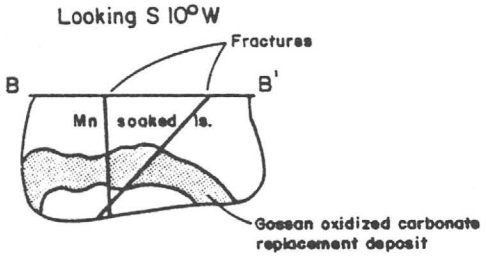
* fracture samples from the London Patented Lode Mining Claims
** samples taken in the Molly O'Neal workings vicinity
*** samples taken on Calcite-Dolomite Hill



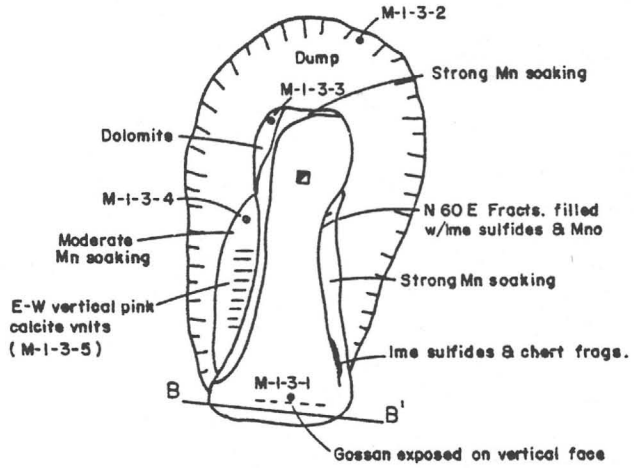




PLAN MAP 1" = 20'



SECTIONS 1" = 20'



GEOCHEMS PPM

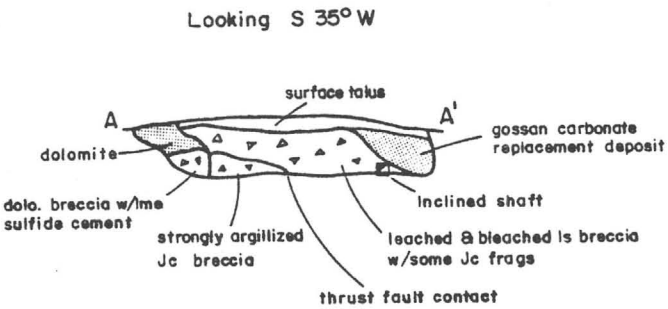
SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-1-1-1	Black Mno soaked ls	0.000	3.1	384	2800	2.41%	17.8%	4800	19
M-1-1-2	Gossan	0.205	3.25	403	1100	4100	2.3%	2600	3
M-1-2-1	Black Mno soaked ls	0.075	5.15	1500	1100	9500	5.6%	1400	1
M-1-3-1	Gossan	0.08	7.45	800	2.36%	1.06%	1800	620	8
M-1-3-2	Massive Mno	0.145	66.6	4400	5600	20.4%	20.8%	1100	264
M-1-3-3	Strongly dolo. ls.	0.000	0.35	52	1100	7100	3.95%	2.92%	8
M-1-3-4	Black to gray Mno soaked ls	0.14	6.15	756	2200	2.54%	4.5%	1600	0
M-1-3-5	Pink calcite vnlt.	0.00	2.25	88	3100	1.61%	8.6%	3500	4

MAUD HILL PROJECT

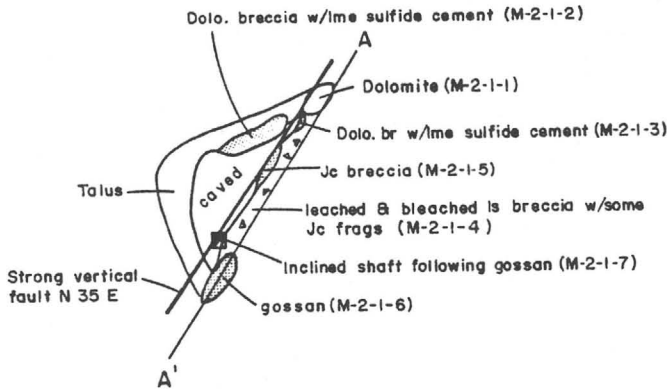
Geologic, Alteration & Geochemical

Map A

P. J. Sterling 4-1986



SECTION 1" = 20'



PLAN MAP 1" = 20'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-2-1-1	Dolomite	0.000	0.95	26	52	4000	12.5 %	12.5%	4
M-2-1-2	Dolo. br. cemented by lme sulfides some Jc frags	0.000	8.25	648	84	1.37%	1.41%	3.25%	16
M-2-1-3	Dolo. br. cmtd. w/lme sulfides	0.65	2.65	4200	44	1.06%	2.27%	2.62%	14
M-2-1-4	Bleached ls breccia	0.01	0.65	38	38	180	2800	8.15%	00
M-2-1-5	Jc breccia	0.095	2.85	268	166	2100	1.27%	6.42%	14
M-2-1-6	Gossan at surface	0.085	9.15	1.06%	196	3100	3100	3900	2
M-2-1-7	Gossan exposed in inclined shaft	0.025	30.1	9.7%	232	1.89%	1.88%	1.46%	12

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Map B

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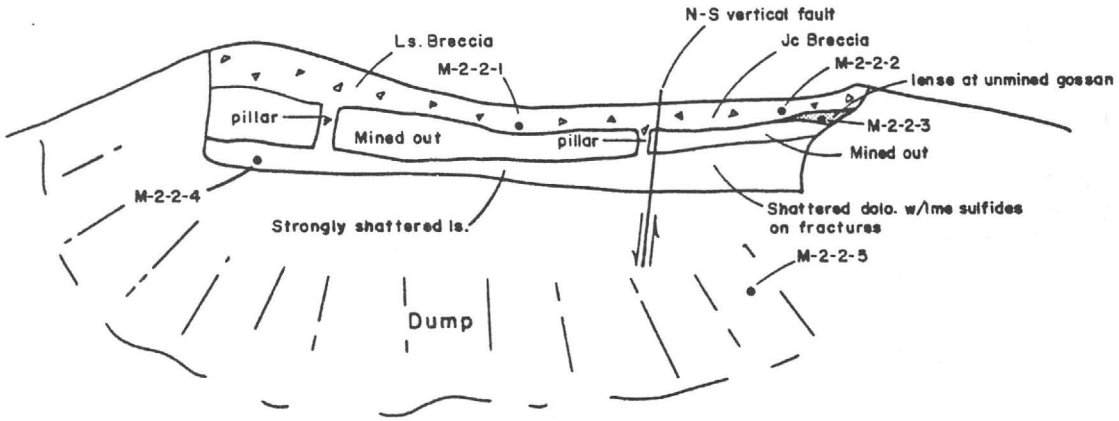
Looking due south



SECTION 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-2-2-1	Bleached ls. breccia	0.01	5.4	7100	239	2800	1200	9400	2
M-2-2-2	Jc breccia	0.025	5.25	1600	110	1100	1400	1.54%	8
M-2-2-3	Gossan in place	0.015	6.1	1.11%	228	4.1%	2.16%	6.2%	00
M-2-2-4	Shattered ls.	0.01	2.6	303	38	1200	3200	3.8%	1
M-2-2-5	Gossan from dump	0.02	7.65	5.25%	296	1.34%	1.21%	1.76%	1

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Map C

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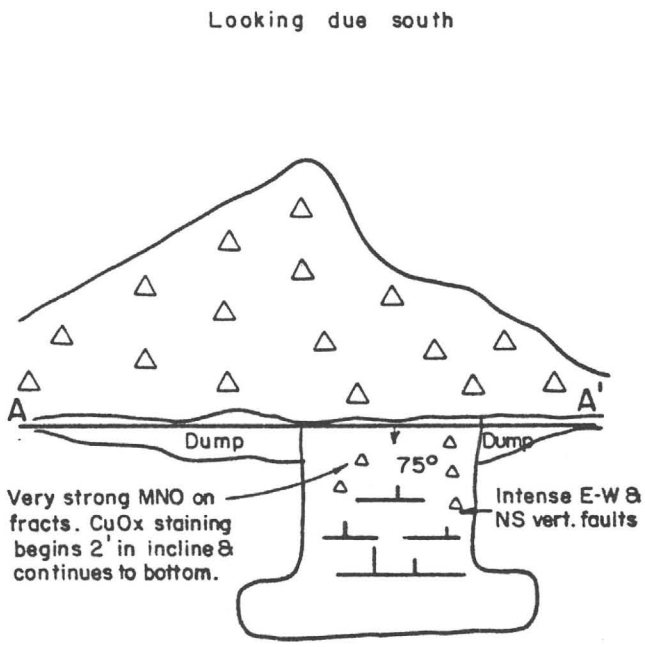
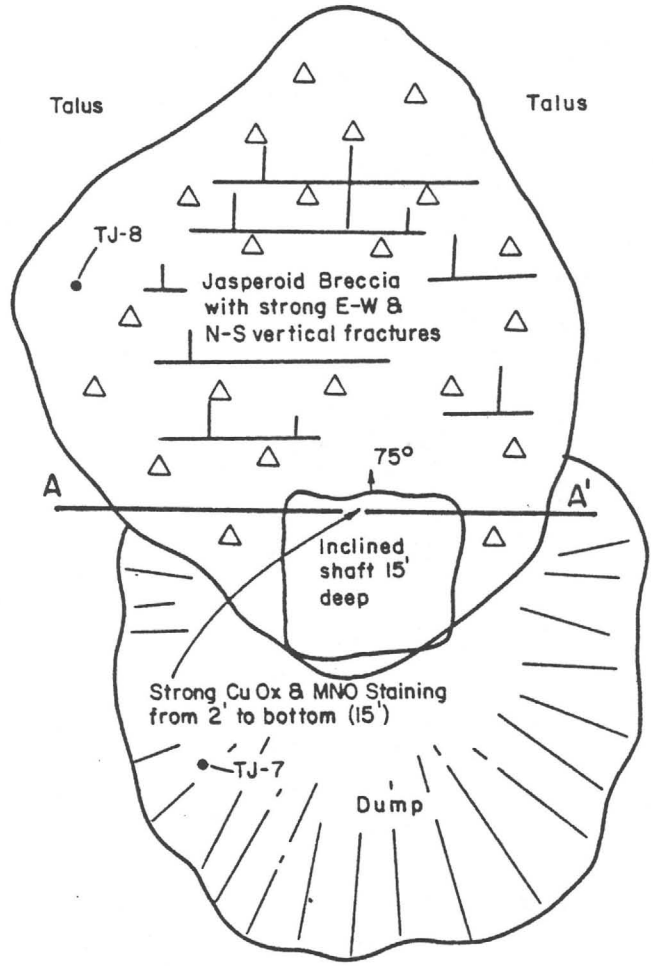


SECTION 1" = 10'



PLAN MAP 1" = 10'

		GEOCHEMS PPM						
SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg
TJ-7	Vuggy highly MNO & Cu Ox stained jasperoid breccia	0.065	12.6	4.71%	2100	2.31%	2.19%	7400
TJ-8	Dense cherty white to light tan jasperoid breccia	0.025	24	640	1600	290	386	570

S

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Map D

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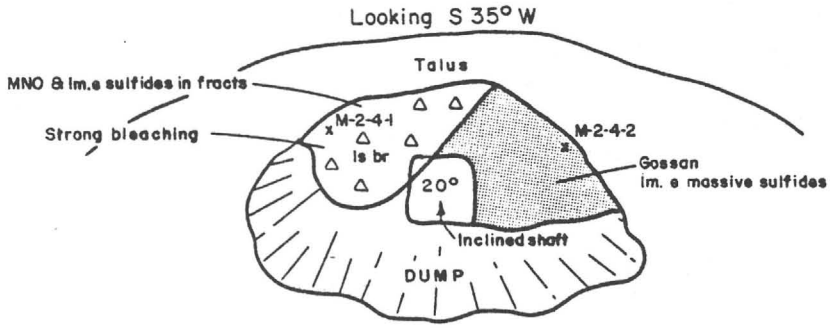
MAP E

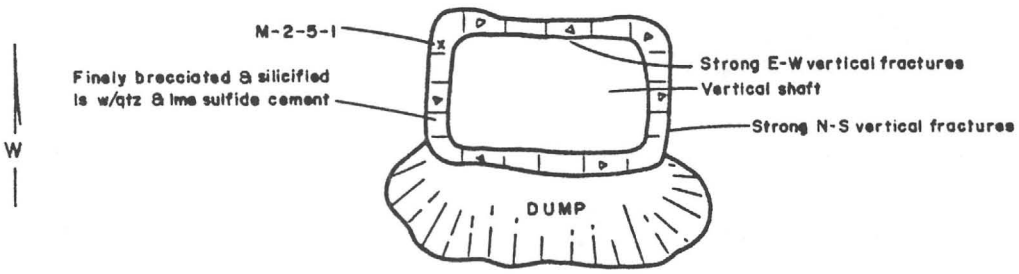


SECTION 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-2-4-1	Bleached ls. breccia	0.000	2.25	298	64	333	407	1600	00
M-2-4-2	Gossan, lm. e massive sulfides	0.065	8.45	6600	767	4300	716	3400	2

MAP F

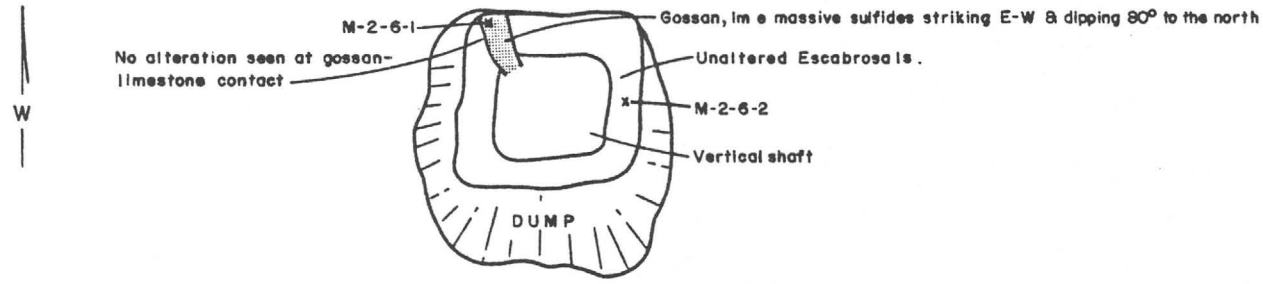


PLAN MAP 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-2-5-1	Sil. ls. frags in a matrix of qtz. & lm e sulfides	0.245	17.8	126	707	364	124	1100	1

MAP G



PLAN MAP 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-2-6-1	Gossan-lm e massive sulfide	0.025	0.65	566	44	220	92	860	33
M-2-6-2	Unaltered Escabrosa ls.	0.000	0.5	28	24	88	472	8200	00

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Maps E, F & G

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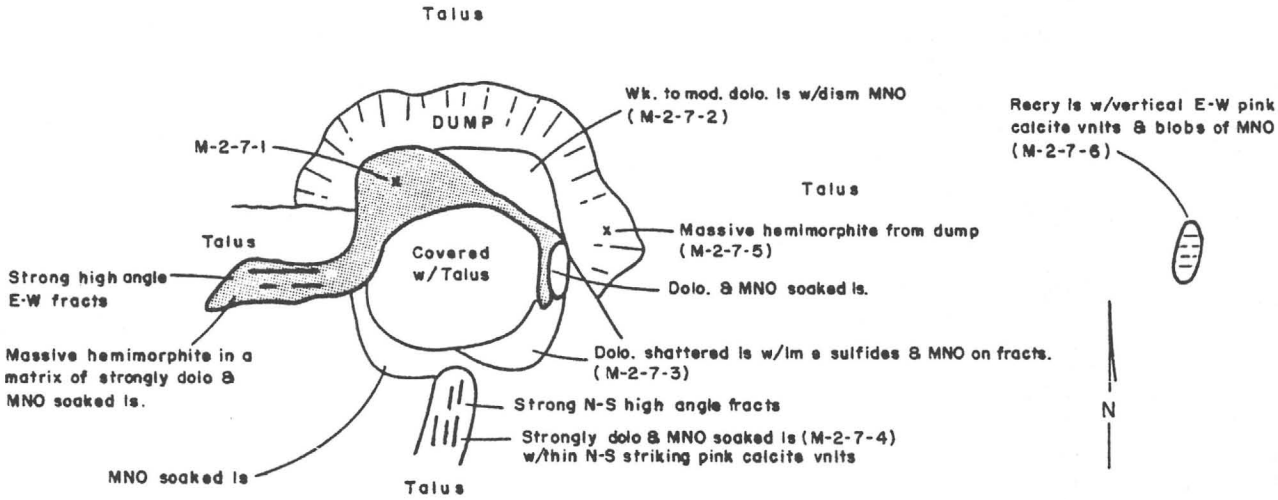

PLAN OF 3' DEEP PROSPECT PIT, 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-2-7-1	Massive hemimorphite in a matrix of dolo & MNO soaked ls	0.055	6.85	707	3100	40.1 %	1.66%	980	8
M-2-7-2	Wk. to Mod. dolo ls w/ blobs of MNO	0.000	0.6	48	424	8800	1.87%	940	0
M-2-7-3	Dolo & shattered ls w/lme sulfides & MNO on fracts	0.000	0.35	28	196	1600	9600	1300	0
M-2-7-4	Strongly dolo & MN soaked ls w/thin pink calcite vnits	0.255	52.6	676	9800	3.7 %	2.11%	4900	2
M-2-7-5	Massive hemimorphite from dump	0.255	32.5	1200	8200	41.1%	2.31%	2100	6
M-2-7-6	Pink calcite units 30' east of prospect pit	0.000	3.15	66	749	7100	1.46%	3500	1

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Map H

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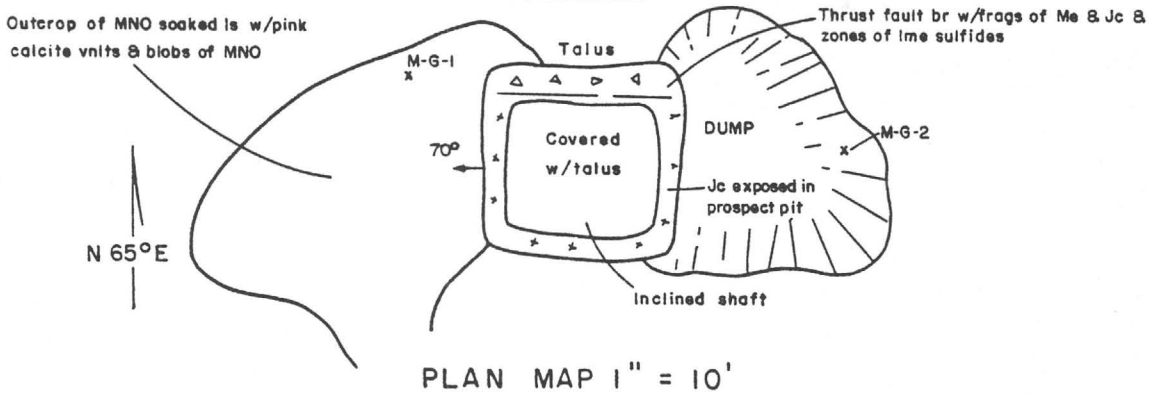
MAP I

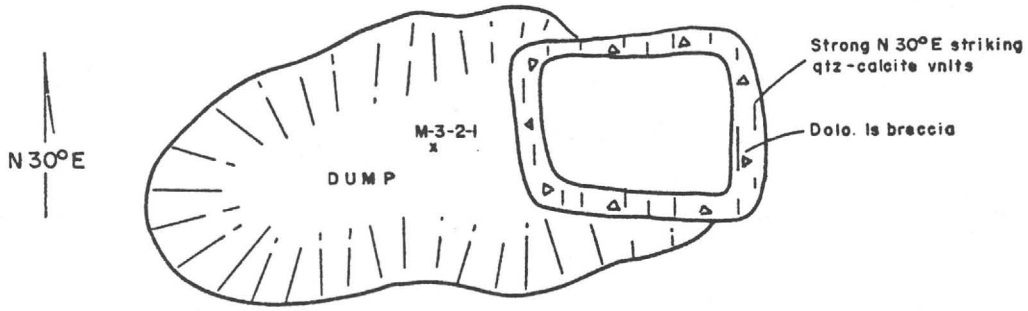


PLAN MAP 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	Wo3
MG-1	MNO soaked ls w/pink calcite vnits & blobs of MNO	0.025	23.8	44	1400	8100	1.94%	3200	0
MG-2	Gossan, massive lm e sulfides from dump	0.155	13.85	544	4.5%	1.6%	3.75%	6700	1

MAP J

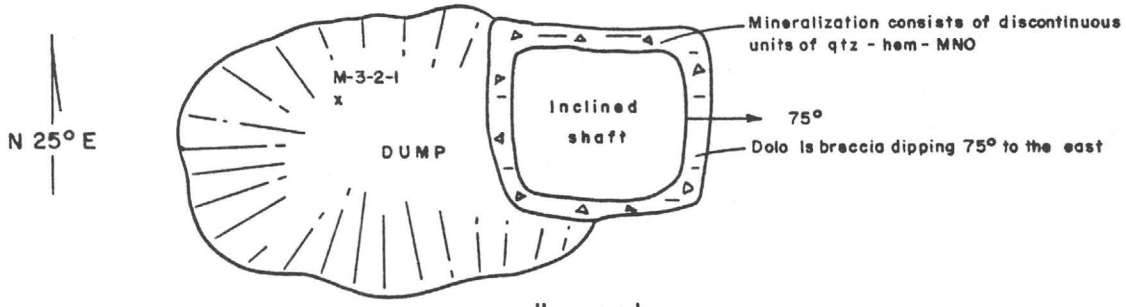


PLAN MAP 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	Wo3
M-3-1-1	Dolo.ls.w/qtz-calcite vnits on dump	0.000	0.45	24	256	342	4600	14.1%	0

MAP K



PLAN MAP 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	Wo3
M-3-2-1	Dolo.br. with qtz-hem-MNO vnits	0.035	12.8	28	266	404	2000	4400	2

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Maps I, J & K

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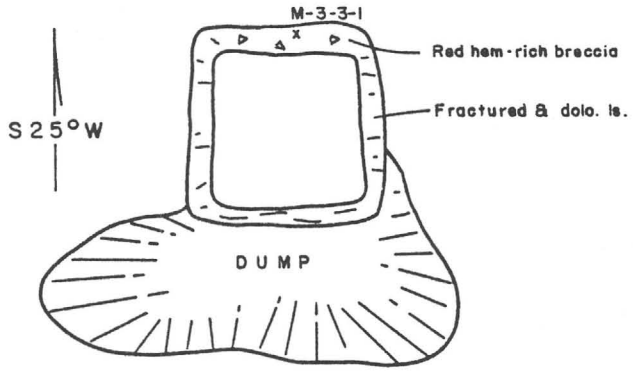
MAP L



PLAN MAP 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-3-3-1	Red hem-rich dolo. ls. breccia	1.385	37.65	2600	3300	3100	4700	6100	2

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Map L

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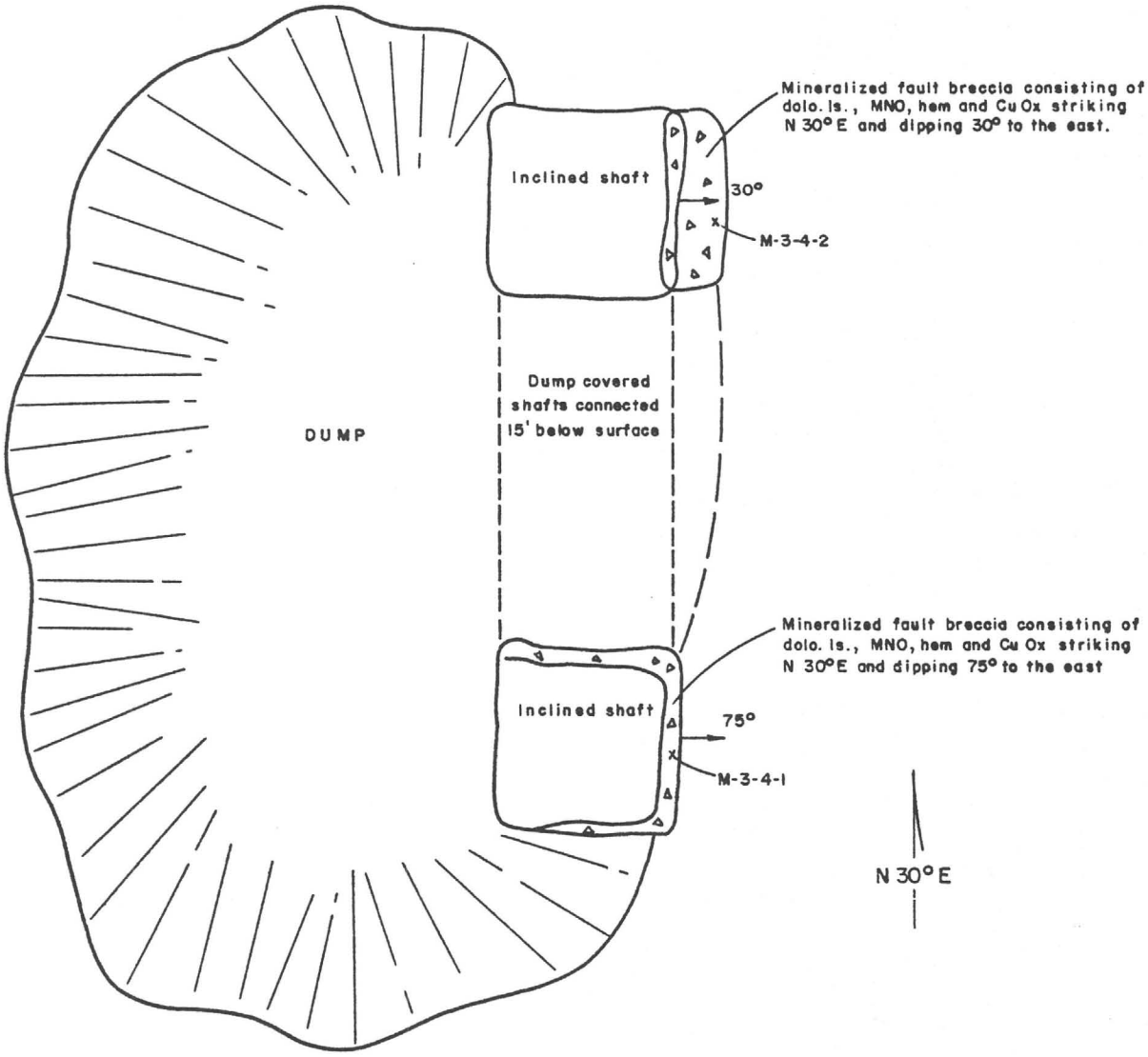
MAP M



PLAN MAP 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
M-3-4-1	Fault breccia, dolo. ls. MNO, hem. and Cu Ox	1.375	32.25	2700	3100	3200	4900	6400	1
M-3-4-2	Fault breccia, dolo. ls. MNO, hem. and Cu Ox.	0.055	60.8	1.78%	9400	4.4%	4.1%	10.5%	3

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Map M

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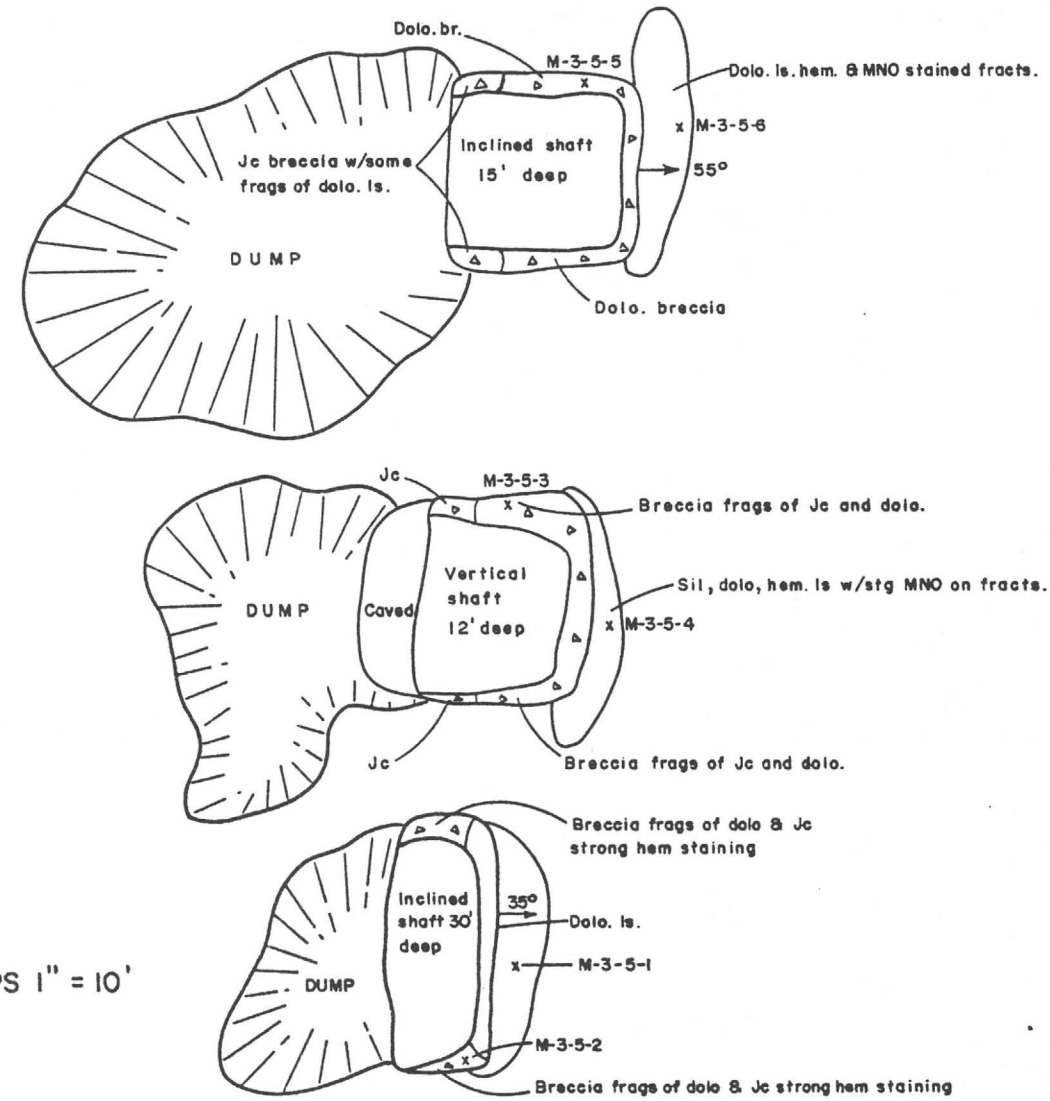

PLAN MAPS 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	Wo3
M-3-5-1	Strongly dolo. ls.	0.03	4.65	144	1100	2800	1.53%	16.4%	4
M-3-5-2	Breccia, dolo & arg. Jc strongly hem stained	0.05	1.75	48	555	3100	8100	15.5%	0
M-3-5-3	Breccia, dolo & arg. Jc strongly hem stained	0.065	7.25	32	377	600	1600	1.3%	10
M-3-5-4	Sil., dolo. hem. ls stg. MNO stained	0.175	28.85	72	3100	9400	3.95%	1.16%	7
M-3-5-5	Dolo. br. SW qtz vnlts hem & MNO staining	0.215	6.6	39	666	4600	5300	7.55%	2
M-3-5-6	Dolo. ls. strong hem & MNO staining	0.000	9.65	1600	2.03%	20.1%	3.8 %	3.26%	88

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Map N

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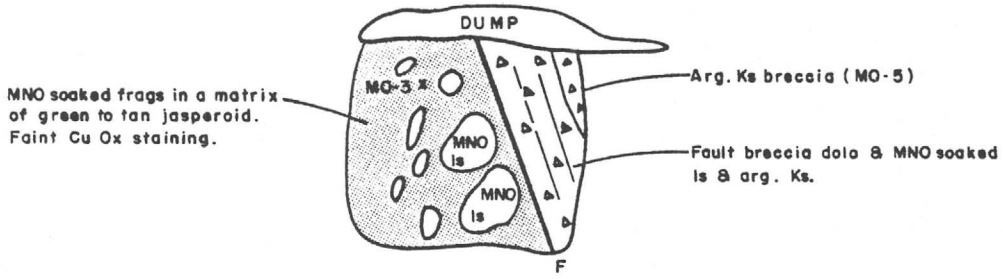
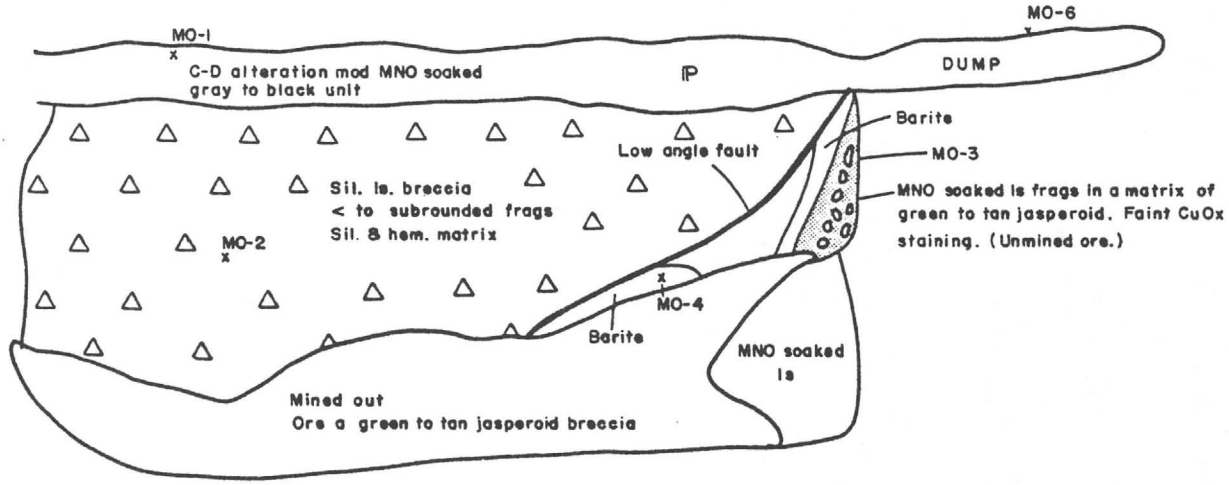
Looking N 35°



Looking N 65° W



SECTIONS 1" = 10'

GEOCHEMS PPM

SAMPLE	DESCRIPTION	Au	Ag	Cu	Pb	Zn	Mn	Mg	WO_3
MO-1	C-D alteration mod. MNO soaked IPh	0.015	0.6	22	32	42	88	2100	0
MO-2	Sil. Is. br. Sil. is frags. in a matrix of sil & hem.	0.02	8.5	26	188	194	314	1600	8
MO-3	Green to tan jasperoid (Ore)	0.025	12.48 opt	151	1400	266	214	666	0
MO-4	White x barite associated with low angle fault	0.02	78.5	80	46	188	24	210	0
MO-5	Arg. Ks. breccia	0.000	4.85	18	194	202	108	2400	32
MO-6	Green jasperoid ore from dump	0.025	8.88 opt	106	1200	208	88	425	168

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Map O

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