

79

## IRON RANGE - NORTH END

June 19 1996 mixed cloud + sun, mild  
to cool

Δ1 Stopped to talk to D. Grieve and  
Paul Wilton

Δ2 Kitchener (12:20 (break time))

Δ3 ~~44600'~~ - stopped on "Closed Road"  
(not corrected at start) by huge, burned tree  
across it

P2-21 to P2-24 - artifacts of  
mining along road - electricity?  
- phone? - mileage markers,  
traps!

Δ4 5230' - along road, good viewpoints  
of ridge, good O/C of  
Aldridge

P2-25, 26 - looking SW towards  
main ridge, note strata  
dipping into ridge

P2-27 - hammer on bedded  
Aldridge

028 / 070 - some layers soft, look  
sericite at the normal  
hard quartzites  
- sericite alt? a long favorable  
beds

Δ5 next of - west of road  
- bedded wackes with  
abundant iron staining  
and magnetic (magnetically  
specular hematite? - red streak)  
variable cutting wackes,  
also white & pink gr  
with iron oxide occasionally  
- what looks like patchy  
silicification

P2-28, 29 - bedded Aldridge  
with stockwork iron  
oxide  
- closing of joint which  
is  $\perp$  to bedding

- just here



85

P33. qtz veins cutting specular hematite

DVL-9612 - massive hematite with  
qtz veins - possibly  
conformable

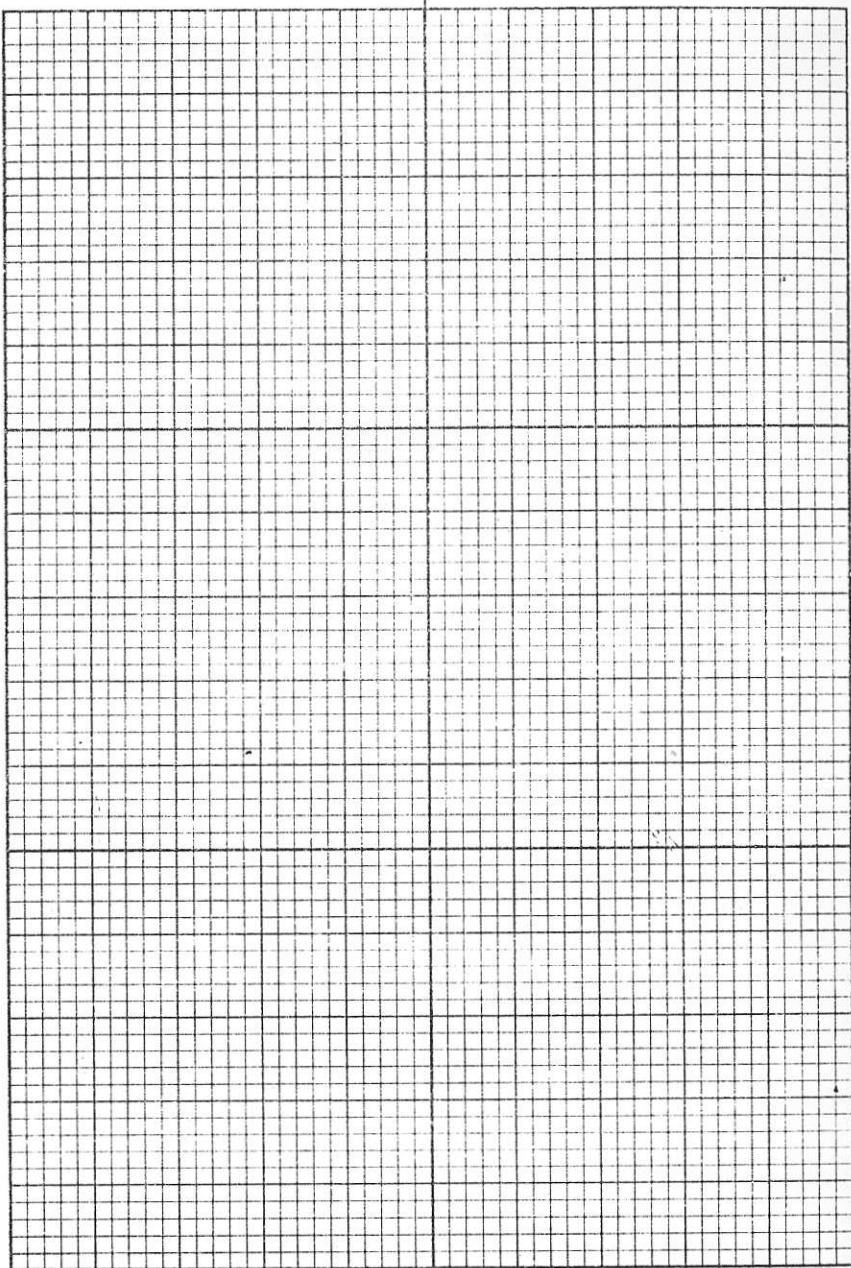
DVL-9613 - "gneissic" banded  
rock - gray and white  
- silicified layers  
- gray layers have fine specs  
of specular? hematite

P2-34 - "gneissic" layering  
- old dipping steeply west  
- primary - ???

### Ab Trench

P2-35 - malachite - azurite seams

- hematite and magnetic iron-oxide with disc pyrite poorly exposed in trench
- appears gabbroic at eastern end with possibly chlorite at east end



87

DUL. 96-14

massive  
hematite with magnetite  
from g/c at edge of  
drench - 5% from above py

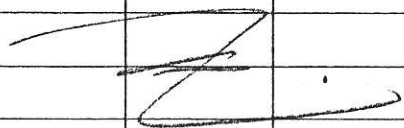
P2-36 - fractured g/c - almost

35%

pegmatitic lodes - 1/2-1m  
wide vein

P2-37 specular hematite on fractures  
in gabbro

Δ IR-95-37 - pink fly  
g/2 vein and Siderite  
- extension of Iron lense?



Flat fire on way out

total assays 99.xlsa9925825\_rcw\_

A9925825 - CERTIFIED  
DATE RECEIVED : 12-AUG-1999

SAMPLE DESCRIPTION	Au ppb	Au g/tonne	Pt -	Pd -	Al %	Sb ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %
DL96-1 Iron Range	<5	---	-	-	0.6	1	20	0.15	0.28	0.1	0.04	3.6	0.4	163	1.6	<1	2.5	1.1	17.35
DL96-1 Iron Range	25	---	-	-	0.06	1.8	10	0.05	3.49	0.02	0.03	1.29	0.1	149	0.4	<1	1.5	1.3	24.3
DL96-1 Iron Range	15	---	-	-	0.3	3.4	30	0.4	1.02	<0.02	<0.01	1.37	0.35	34	34.2	<1	2.9	0.8	>25.0
DL96-6 Clone	>10000	151.3	-	-	0.14	125.5	30	0.15	3.15	0.32	0.15	7.58	0.2	211	23.4	1330	4.5	2	>25.0
DL96-6 Clone	>10000	34.5	-	-	5.62	65.1	1900	0.45	11.25	4.3	1.31	22	4.2	41	991	363	15.7	1.9	8.13
DL96-6 Clone	>10000	117	-	-	0.12	7	10	<0.05	1.27	0.22	0.05	4.67	0.15	295	17	43	0.8	1.9	2.22
GR99-1 Massive mag w. apatite	170	---	-	-	0.3	0.7	10	<0.05	0.06	0.08	8.42	172.5	0.05	8	86.5	13	19.9	1.1	>25.0
GR99-2 Magnetite w. chalco	1220	---	-	-	0.24	Minrlz	10	1.5	Intf*	<0.50	2.9	Minrlz	Minrlz	28	309	45700	Minrlz	Minrlz	>25.0
GR99-3	5370	---	-	-	0.06	14.7	<10	0.1	7.35	0.1	0.14	3.96	0.05	40	6.4	2020	28.4	21.4	>25.0
GR99-5	225	---	-	-	<0.01	2.8	30	0.15	1.73	5.32	12.4	3.94	0.05	15	0.4	174	3.1	0.8	15.65
GR99-6	30	---	-	-	7.73	0.3	1180	1.75	0.12	0.82	2.76	65.5	1.5	39	14.6	50	18.2	1.3	3.89
GR99-7	25	---	-	-	1.05	40	570	1.25	0.13	<0.02	0.08	472	1.35	220	1.4	23	11.8	4.9	7.35
GR99-8	<5	---	-	-	0.95	7.8	50	0.5	1.58	0.02	0.25	18.45	0.6	236	2.8	47	3.1	3.8	10.65
GR99-9	2500	---	-	-	1.17	Minrlz	110	<0.50	Intf*	<0.50	0.25	Minrlz	Minrlz	30	85	28600	Minrlz	Minrlz	>25.0
SAMPLE DESCRIPTION	Au ppb	Au ppb	Pt ppb	Pd ppb	Al %	Sb ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Ca %	Ce ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm	Ga ppm	Ge ppm	Fe %
GR99-1 Spec hem veins cutting Nicola volcs	<5	---	---	---	7.42	8.2	180	0.55	0.41	0.28	0.76	11.75	2.75	158	26.4	469	16.5	1.5	5.94
GR99-1 Specular hematite	<5	---	---	---	7.21	2.1	260	0.55	0.36	0.04	1.58	31.3	1.75	97	18	297	17.9	1	5.08
GR99-1 Hem-tourm-mag veins	<5	---	---	---	8.28	1.4	170	1	0.28	0.02	2.14	17.25	0.4	39	15.6	2310	18.1	1.2	10.1
GR99-1 Magnetite+ ?tourm	<5	---	---	---	5.4	Minrlz	80	0.5	Intf*	<0.50	0.35	Minrlz	Minrlz	83	21	12900	Minrlz	Minrlz	12.85
GR99-1 Pyx-mag-pyrite sk	36	---	---	---	1.88	1.3	270	0.35	0.13	0.1	7.93	1.41	5.1	30	67	392	12.7	0.6	>25.0
GR99-2 Sil-pyr dike	<5	---	---	---	7.09	1.3	230	0.5	0.2	0.02	7.37	16.85	1.1	162	21.8	116	12.5	1.3	5.79
GR99-2 Sil-pyrite intrusion	145	---	---	---	8.76	0.9	430	0.7	0.06	0.08	4.06	17.45	0.6	40	21.4	85	14.7	1.2	3.62
GR99-2 Mag-pyrite in pit	<5	---	---	---	2.34	0.7	170	9.65	0.16	0.22	10.25	13.7	0.2	71	77.1	754	7.2	3.2	15.9
GR99-2 Po-rich gt-pyx sk	75	---	---	---	8.05	7	560	0.85	1.5	0.22	11.95	62.4	0.25	61	68.3	439	11.4	1.2	7.2
GR99-2 Pyrite-rich gabbro	<5	---	---	---	6.41	1.8	300	0.75	0.28	0.16	7.07	22.9	0.45	116	26	144	13.4	1.5	7.46
GR99-2 Chalco-mag	160	---	---	---	0.21	0.5	<10	<0.05	0.91	0.02	0.75	0.62	<0.05	3	467	243	0.4	0.3	>25.0
GR99-2 Massive mag w trace gt and sulphides	55	---	---	---	0.95	0.9	30	0.3	0.07	0.02	3.85	6.26	0.7	27	40.2	350	14.3	0.6	>25.0
GR99-3 Mag-rich Ultramafic	---	8	10	4	2.1	0.3	20	0.1	<0.01	0.08	11.2	5.44	0.1	556	46	<1	7	1.5	5.5
GR99-3 Mag rich gt-pyx skarn, trench	20	---	---	---	1.78	0.7	10	0.4	0.19	0.06	11.7	2.2	0.35	54	61.6	718	10.1	0.9	>25.0
GR99-3 mag-chal-po-py sk	35	---	---	---	0.75	1.2	<10	0.55	0.1	0.02	6.77	1.58	0.15	16	44.6	377	9.1	0.7	>25.0
GR99-3 Mag rich sk	25	---	---	---	1.38	1	50	1	0.14	0.02	6.84	1.03	0.9	23	46.8	363	15.4	1	>25.0
GR99-3 Mag rich vein w sulphides	40	---	---	---	0.79	0.6	40	0.4	0.75	0.1	5.35	0.75	3.95	7	135	822	9.4	0.8	>25.0
GR99-3 Massive mag w pyrite	205	---	---	---	1.09	0.5	60	0.5	0.14	0.22	3.39	1.15	5.8	27	38.8	679	6.7	0.5	>25.0
GR99-4 Mag-pyrite-gt	20	---	---	---	2.5	2.1	70	0.4	0.18	0.08	9.19	12.65	2.2	35	68.5	905	8.9	1	>25.0
GR99-4 Cs gt-pyx-pyr sk, trench	25	---	---	---	3.41	0.8	60	0.25	0.15	0.3	17.75	3.92	0.75	80	42.4	1195	6.1	0.9	13.85
GR99-5 Mag rich Ultramafic	---	4	15	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GR99-5 Py-chalco-malachite in gabbro	15	---	---	---	5.98	1.8	150	0.8	0.52	1.3	0.83	21.3	0.6	65	83.8	8230	12.6	0.8	5.49
IW99-9 Hbe pyx dike cutting intrusion	5	---	---	---	9.1	2.2	290	1.2	0.12	0.1	6.67	24	0.8	43	30.6	141	20.6	1.5	5.05

total assays 99.xlsa9925825\_rcw\_

A9925825 - CERTIFIED  
DATE RECEIVED : 12-AUG-1999

SAMPLE		La	Pb	Li	Mg	Mn	Mo	Ni	Nb	P	K	Rb	Ag	Na	Sr	Ta	Te	Tl	Th	Ti
DESCRIPTION		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
DL96-1 Iron Range		2	3	0.6	0.03	25	0.8	6.2	1.2	60	0.09	5.6	<0.05	0.25	7.8	<0.05	<0.05	<0.02	0.2	0.03
DL96-1 Iron Range		0.5	2	0.8	0.01	20	1.8	2.6	0.8	60	0.01	1.2	0.05	<0.01	1	<0.05	0.15	<0.02	<0.2	<0.01
DL96-1 Iron Range		0.5	3	3.2	0.01	15	1	32.4	5.8	240	0.06	3.6	0.15	0.02	0.8	<0.05	0.05	<0.02	5.4	0.05
DL96-6 Clone		5	135	2.4	0.03	235	39.2	4.8	0.2	480	0.04	2.8	5.7	<0.01	6.4	<0.05	1.45	<0.02	<0.2	<0.01
DL96-6 Clone		14.5	39	12.2	0.78	510	5	7.6	3.4	1600	5.02	140	9.35	0.13	126.5	0.05	26.4	1.2	4.4	0.14
DL96-6 Clone		2.5	18	4	0.05	85	11	3	0.4	50	0.03	2.6	5.6	0.01	7.4	<0.05	0.85	<0.02	<0.2	0.04
GR99-1 Massive mag w. apatite	Magnet-Afton	76	4	2.2	0.87	885	0.8	134	0.6	>10000	0.05	2.6	0.25	0.07	229	<0.05	0.1	<0.02	5.6	0.01
GR99-2 Magnetite w. chalco	Virginia pit, Cu Mt	Minrlzd	12	Minrlzd	0.28	475	10	260	Minrlzd	Intf*	0.05	Minrlzd	6	0.04	56	Minrlzd	Minrlzd	Minrlzd	Minrlzd	<0.01
GR99-3	Lamefoot	2	1.5	5.2	4.6	105	2.6	5.2	<0.2	400	0.01	0.2	1.25	0.06	10.8	<0.05	7	<0.02	1.2	<0.01
GR99-5	Lamefoot	2	1.5	0.6	9.63	1490	0.8	1.2	<0.2	520	<0.01	<0.2	0.15	<0.01	1430	<0.05	1.1	<0.02	<0.2	<0.01
GR99-6	Burns Lake	34.5	9.5	18.6	1.39	415	2	25.2	12	1450	2.49	78.6	2.2	2.58	468	0.2	0.2	0.2	5.4	0.47
GR99-7	Holy Cross	253	8	17.4	0.09	120	19.4	3.2	1.2	330	0.49	28	0.2	0.01	28.6	<0.05	0.05	<0.02	0.2	0.01
GR99-8	Nicholl Creek	11	3	6.4	0.11	225	3.6	8	0.8	970	0.42	13.6	0.05	0.02	10	<0.05	<0.05	<0.02	0.2	0.03
GR99-9	Arctic Chief	Minrlzd	12	Minrlzd	3.64	2070	<1.0	63	Minrlzd	Intf*	0.88	Minrlzd	12.6	0.18	1	Minrlzd	Minrlzd	Minrlzd	Minrlzd	0.01
		9316	9317	9318	9319	9320	9321	9322	9323	9324	9325	9326	9327	9328	9329	9330	9331	9332	9333	9334
SAMPLE		La	Pb	Li	Mg	Mn	Mo	Ni	Nb	P	K	Rb	Ag	Na	Sr	Ta	Te	Tl	Th	Ti
DESCRIPTION		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
GR99-1 Spec hem veins cutting Nicola volcs	Trojan	5	6.5	21	0.63	260	2.4	17	1.4	470	3.05	138	0.5	0.17	9.6	0.05	<0.05	0.48	8.2	0.2
GR99-1 Specular hematite	Trojan	13	6	13.6	1.23	1115	1	13	1	490	1.68	65.8	0.8	1.59	93.3	0.05	<0.05	0.22	3.8	0.19
GR99-1 Hem-tourm-mag veins	Transvaal	8	4.5	10.2	1.24	585	8.8	10.8	2.2	550	0.24	4	0.75	3.92	527	0.15	0.05	<0.02	6.2	0.27
GR99-1 Magnetite+ ?tourm	Chamberlain	Minrlzd	4	Minrlzd	1.61	155	61	28	Minrlzd	Intf*	0.1	Minrlzd	<0.20	0.79	290	Minrlzd	Minrlzd	Minrlzd	Minrlzd	0.2
GR99-1 Pyx-mag-pyrite sk	Heffley Grid	0.5	3.5	0.6	0.53	1530	0.2	16.8	0.6	670	0.32	14.8	0.75	0.24	174.5	<0.05	0.2	0.02	0.6	0.07
GR99-2 Sil-pyr dike	Heffley Grid	7.5	3.5	10.8	3.64	830	1.4	29.8	1.6	1130	1.46	34.2	0.95	1.53	811	0.05	0.2	0.42	2	0.49
GR99-2 Sil-pyrite intrusion	Heffley Grid	8	5	4.2	1.1	365	0.6	6.6	2.8	760	1.7	37	0.65	3.27	591	0.2	0.15	0.26	2.6	0.32
GR99-2 Mag-pyrite in pit		6.5	20	23	1.49	2730	0.6	32.8	13.8	760	1.54	25.4	0.95	1.73	474	0.05	0.05	0.14	0.8	0.14
GR99-2 Po-rich gt-pyx sk		47.5	8.5	2.4	2.73	1245	0.4	75.3	1.6	1210	0.69	9.4	0.5	0.89	605	0.05	0.15	0.08	2.4	0.42
GR99-2 Pyrite-rich gabbro		9.5	8.5	6.6	3.95	1525	20.2	27.6	1	1630	0.82	25.6	0.45	1.47	834	0.05	0.05	0.18	1.4	0.47
GR99-2 Chalco-mag		<0.5	6.5	<0.2	0.14	180	0.4	144.5	<0.2	120	0.06	0.2	2.25	0.15	8.8	<0.05	4.15	<0.02	<0.2	<0.01
GR99-2 Massive mag w trace gt and sulphides		6	3	1.2	0.55	890	<0.2	13.2	0.2	420	0.15	2.2	0.45	0.23	29.6	<0.05	0.25	<0.02	<0.2	0.07
GR99-3 Mag-rich Ultramafic		1.5	2	7.6	7.81	875	<0.2	85.2	<0.2	80	0.05	1.2	0.2	0.2	58.8	<0.05	<0.05	<0.02	<0.2	0.33
GR99-3 Mag rich gt-pyx skarn, trench		1.5	3	1.6	1.48	1770	0.2	27.8	0.8	910	0.08	1	0.9	0.09	86.5	<0.05	0.55	0.02	0.2	0.11
GR99-8 mag-chal-po-py sk		1	2.5	1.6	2.81	1045	<0.2	14	0.2	700	0.11	0.8	0.4	0.18	30.6	<0.05	0.3	<0.02	0.2	0.05
GR99-3 Mag rich sk		0.5	6.5	0.8	1.51	1560	0.2	21.2	0.4	890	0.11	3.8	0.85	0.13	41.8	<0.05	0.3	0.02	<0.2	0.06
GR99-3 Mag rich vein w sulphides		<0.5	5	1.6	1.23	1355	0.2	57.5	0.2	800	0.53	23.2	0.85	0.17	65.6	<0.05	0.75	0.18	0.2	0.05
GR99-3 Massive mag w pyrite		0.5	2	1	1.04	1205	1.6	19.6	<0.2	570	0.59	18.8	0.9	0.19	77.5	<0.05	0.3	0.16	0.4	0.05
GR99-4 Mag-pyrite-gt		9.5	3.5	1.2	1.2	2080	<0.2	32.2	0.8	730	0.22	5.2	1	0.15	55.9	0.05	0.35	0.08	0.8	0.13
GR99-4 Cs gt-pyx-pyr sk, trench		2.5	2	1	1.93	3060	0.6	20	1.2	1560	0.11	2.2	1.3	0.11	110.5	0.05	0.4	0.02	0.4	0.2
GR99-5 Mag rich Ultramafic		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GR99-5 Py-chalco-malachite in gabbro		10.5	9.5	5.2	0.83	300	16.8	5.2	3.8	1170	3.25	100	14.4	1.43	331	0.05	0.6	0.54	2.6	0.2
IW99-9 Hbe pyx dike cutting intrusion		10.5	7	12.4	2.55	690	2	26	2.6	1460	2.08	64	0.5	2.06	789	0.05	0.2	0.36	2.6	0.42

## total assays 99.xlsa9925825\_rcw\_

A9925825 - CERTIFIED  
DATE RECEIVED : 12-AUG-1999

SAMPLE DESCRIPTION		W ppm	U ppm	V ppm	Y ppm	Zn ppm	As ppm
DL96-1 Iron Range		18.6	0.2	124	0.7	16	1
DL96-1 Iron Range		35.1	0.2	91	0.4	<2	4
DL96-1 Iron Range		45.9	1	315	2.8	<2	<1
DL96-6 Clone		20.5	2.4	585	3.9	38	83
DL96-6 Clone		6.9	8.4	312	6.7	274	1125
DL96-6 Clone		2	0.2	68	1.2	38	81
GR99-1 Massive mag w. apatite	Magnet-Afton	0.9	0.2	1775	57.6	80	20
GR99-2 Magnetite w. chalco	Virginia pit, Cu Mt	50	Minrlzd	236	Minrlzd	<2	5
GR99-3	Lamefoot	4.5	2.8	17	4.2	20	74
GR99-5	Lamefoot	3.1	1	4	14.1	974	15
GR99-6	Burns Lake	0.8	2.4	106	28.6	70	2
GR99-7	Holy Cross	29.6	3.6	47	6.1	16	12
GR99-8	Nicholl Creek	2.9	1.6	114	5.7	2	3
GR99-9	Arctic Chief	<10.0	Minrlzd	30	Minrlzd	308	1

SAMPLE DESCRIPTION		9335 W ppm	9336 U ppm	9337 V ppm	9338 Y ppm	9339 Zn ppm	As
GR99-1 Spec hem veins cutting Nicola volcs	Trojan	25	1.2	112	5	110	
GR99-1 Specular hematite	Trojan	15.1	0.8	128	10.5	58	
GR99-1 Hem-tourm-mag veins	Transvaal	27	4.8	111	12.2	36	
GR99-1 Magnetite+ ?tourm	Chamberlain	<10.0	Minrlzd	134	Minrlzd	<2	
GR99-1 Pyx-mag-pyrite sk	Heffley Grid	1.1	1	80	5.1	20	
GR99-2 Sil-pyr dike	Heffley Grid	0.7	1	274	12.3	30	
GR99-2 Sil-pyrite intrusion	Heffley Grid	1.1	1.2	121	11.9	16	
GR99-2 Mag-pyrite in pit		0.2	3.8	151	12.3	126	
GR99-2 Po-rich gt-pyx sk		0.8	2.6	233	10.7	36	
GR99-2 Pyrite-rich gabbro		0.9	0.8	356	17.8	64	
GR99-2 Chalco-mag		0.1	<0.2	3	0.3	<2	
GR99-2 Massive mag w trace gt and sulphides		0.3	0.8	71	2.8	26	
GR99-3 Mag-rich Ultramafic		0.1	<0.2	215	7.7	30	
GR99-3 Mag rich gt-pyx skarn, trench		1.8	1.2	92	7.5	24	
GR99-3 mag-chal-po-py sk		0.3	0.4	57	1.3	28	
GR99-3 Mag rich sk		1	0.8	65	2.4	32	
GR99-3 Mag rich vein w sulphides		0.3	0.4	59	2.4	16	
GR99-3 Massive mag w pyrite		0.1	0.6	155	1.6	32	
GR99-4 Mag-pyrite-gt		0.9	1.4	164	9.5	30	
GR99-4 Cs gt-pyx-pyr sk, trench		2.7	1.8	109	13.9	32	
GR99-5 Mag rich Ultramafic		----	----	----	----	----	
GR99-3 Py-chalco-malachite in gabbro		22.5	1.8	121	11.4	122	
IW99-9 Hbe pyx dike cutting intrusion		1.6	1.6	232	16.3	22	