24617

THELWOOD VALLEY PROJECT - 1994 : TECHNICAL REPORT

The Thelwood Valley Project was carried out quite close to the submitted revised proposal. The program commenced November 1st, 1994 and finished on February 1st, 1995. Only the work conducted to the end of December, 1994 will be dealt with for the purposes of the Explore B.C. program #94-95/M-161. Background information for the project (including property geology) was dealt with in the application for the grant and therefore will not be reviewed here. The Program consisted of 2616 meters of diamond drilling (6 drillholes), a 6 line-kilometer surface IP survey, 3 downhole IP surveys and 78 32-element whole rock ICP analyses. Total cost of the 1994 Thelwood Valley Project was $203,490. The work, as per original proposal, comprised three parts: Trumpeter Zone follow-up, 43 Block follow-up and Trumpeter Zone trend, East test.

The Trumpeter Zone follow-up consisted of drilling three diamond drillholes for a total of 1618 meters. The drillholes, PR111, PR112 and PR116, successfully tested the mine west strike extension of the zone. Three stratigraphically distinct mineralized intervals were found within the H-W Horizon in this area (H-W Horizon is the principal target unit throughout the property): Upper Zone, 43 Block and Trumpeter Upper/Lower. The Upper Zone mineralization consists of 1 to 5 meter wide intervals along the hanging wall of the H-W Horizon and contains 3-15 percent stringer and disseminated sphalerite and pyrite in rhyolite lapilli-tuff deposits. 43 Block mineralization is a transported ore type consisting of up to 30 percent massive sulphide clasts (pyrite, sphalerite, chalcopyrite) in a coarse rhyolite dominant clastic deposit. The zone, up to 8 meters thick, occurs in mid-H-W Horizon stratigraphy, west of the original Trumpeter discovery drillholes (PR92 and PR101). Trumpeter Upper/Lower represents typical massive sulphide mineralization along the base of the H-W Horizon (on top of the Footwall Andesite unit). The intersections, from 0.5 to 8.5 meters thick, vary from chalcopyrite-rich (up to 30 percent) to mixed chalcopyrite (7-20%) - sphalerite (5-10%) - pyrite assemblages. The Upper/Lower designation refers to repetition due to faulting. Results of this new drilling has increased proven and probable geological reserves for the Trumpeter Zone fourfold, from 61,200 tonnes to 227,900 tonnes (see attached table).

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43 Block follow-up consisted of a 6 line-kilometer surface IP survey. Main focus of the survey was to help locate fault structures in the valley floor area (and its attendant 50 to 100 meter thick overburden). Results did highlight numerous mine E-W structures as well as valley parallel, mine N-S structures. This information will greatly aid in target selection for future drill programs within the valley floor proper.

Trumpeter Zone trend, East test comprised the drilling of three diamond drillholes for a total of 998 meters. These drillholes, drilled for stratigraphic purposes, confirmed the hypothesis of completely fault offset H-W Horizon east from the Trumpeter Zone. The prospective stratigraphy, with anomalous sphalerite + pyrite mineralization in rhyolite clastic deposits, was intersected from 90 to 150 meters below surface. Average thickness of the H-W Horizon in this area is approximately 70 meters. Downhole IP surveys of the three drillholes returned weak to moderate off-hole anomalies, including a strong mine west offhole anomaly from PR115. The geological and geophysical results warrant follow-up work in this region in future programs.

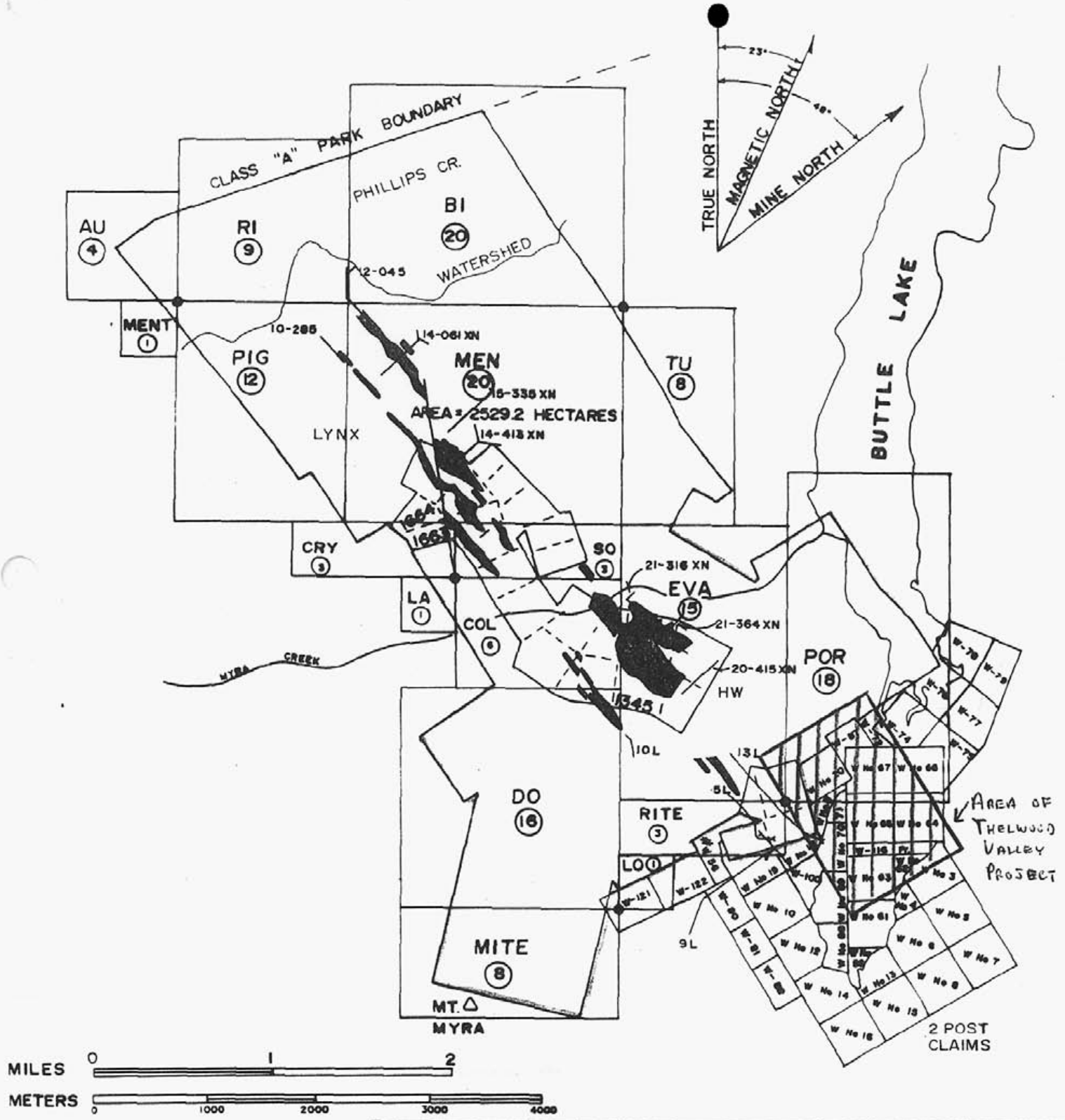
1995 TRUMPETER GEOLOGICAL RESERVES (PROBABLE)

DDH#	ZONE	-AI-	AREA	TONNES	Au	Ag	Cu	Pb	Zn	Ba	Fe	Density
PR112	UPPER ZONE	5.3	900	15072	1.8	32.6	0.6	0.2	2.6	2.4	11.5	3.2
PR112	43 BLOCK	7.5	900	23625	2.7	56.9	2.1	0.4	7.9	4.3	15.6	3.5
PR112	TRUMPETER UPPER	6.8	2250	53799	3.1	51.2	2.3	0.4	4.5	1.7	19.4	3.5
PR111	TRUMPETER UPPER	3.3	1260	17487	3.1	108.7	7.8	0.4	3.8	0.6	32.3	4.2
PR111	TRUMPETER LOWER	0.5	0	0	1.7	45.9	4.5	0.2	2.3	0.0	10.2	3.1
PR116	UPPER ZONE	1.6	900	4203	1.1	58.3	0.8	0.4	4.0	1.9	3.9	2.9
PR116	43 BLOCK	3.4	900	9881	2.7	46.6	2.4	0.3	2.0	2.2	13.4	3.2
PR116	TRUMPETER UPPER	5.4	1050	22124	5.2	102.3	4.7	0.4	3.9	4.7	24.9	3.9
PR116	TRUMPETER LOWER	2.0	900	5515	1.6	33.0	1.4	0.3	3.5	0.9	9.3	3.1
PR101	TRUMPETER UPPER	3.1	810	11854	4.1	97.2	11.6	0.1	1.7	2.4	38.8	4.7
PR101	TRUMPETER LOWER	4.8	840	19091	2.9	78.7	7.5	0.1	2.8	2.0	39.4	4.7
PR92	UPPER ZONE	1.6	840	4043	1.6	86.9	1.0	0.5	6.1	4.4	3.8	3.0
PR92	TRUMPETER UPPER	8.5	1260	41241	3.2	62.1	4.9	0.4	5.6	3.7	23.8	3.9
TOTAL	UPPER ZONE			23318	0.6	46.7	0.7	0.3	3.4	2.6	8.8	3.1
TOTAL	43 BLOCK			33506	2.7	53.8	2.2	0.4	6.2	3.7	14.9	3.4
TOTAL	TRUMPETER UPPER			146505	3.5	72.6	4.8	0.4	4.4	2.7	24.6	3.8
TOTAL	TRUMPETER LOWER			24606	2.6	68.5	6.2	0.1	3.0	1.7	32.6	4.2
TOTAL	ALL CATEGORIES			227935	3.1	66.7	4.1	0.3	4.4	2.7	22.4	3.7

1994 TRUMPETER GEOLOGICAL RESERVES (PROBABLE)

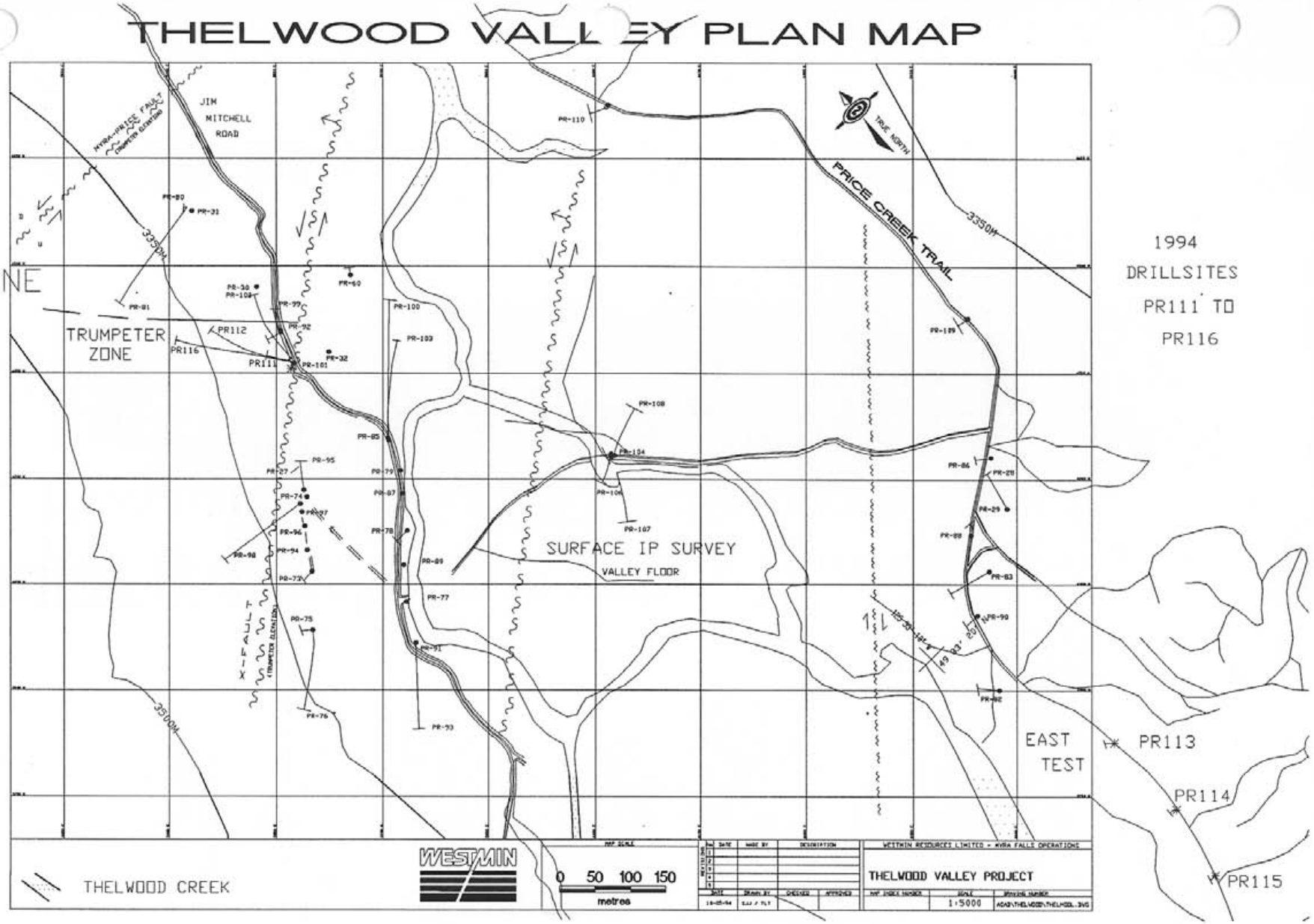
TOTAL	ALL CATEGORIES			61200	3.2	68.9	6.3	0.3	4.6	0.0	28.9	4.0

PLAN SHOWING THE PERIMETER OF A PORTION OF WESTMIN RESOURCES LIMITED MINERAL CLAIM ADJACENT TO BUTTLE LAKE, CLAYOQUOT DISTRICT.



WESTMIN RESOURCES LTD			
WESTERN MINES DIVISION		MYRA FALLS OPERATIONS	
PLAN SHOWING OREBODIES & CLAIM BOUNDARIES			
SCALE: 1:50,000	DATE: APR. 1989	DRN. BY: RA	CH'D BY:

THELWOOD VALLEY PLAN MAP



Drill Hole: PR111
EOH: 510.5
Location: THELWOOD VALLEY

WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATION
DIAMOND DRILL RECORD SHEET

Northing: 4366.0
Easting: 5573.0
Elevation: 3270.0

Collar Azi: 280.0
Collar Dip: -86.0

DIP TESTS
DEPTH DIP
none

TROPARI TESTS
DEPTH AZIMUTH DIP
0 280 -86
26m 280 -86
70m 285 -86
161m 282 -86
273m 282 -86

COMMENTS

Core Size: NQ
Drill Type: 37A

Logged by: J.H. and G.D.
Date: FEB.28/95

From (m)	To (m)		DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
.0	6.1		OVERBURDEN																		
6.1	36.0		INTERMEDIATE INTRUSIVE Dike or sill, grey to green medium lightness. Massive texture and low epidote alteration. 10 % FXPH variable size. 6.1 15.4 Surface weathering and fracturing. 13.9 14.2 Tuffaceous ANDESITE grey to green medium lightness. Generally massive, in places strongly porphyritic feldspar intermediate sill. Surface weathering and fracturing. Unit cut by interval sill creamy white light green alteration, vein to veinlet patches. DCt Thelwood Formation. 33.8 34.3 Highly altered Fault Zone. Epidotized quartz veining 40%, upper contact 25 degrees to the core axis and lower contact 25 degrees to the core axis. Bedding Angle of 70 deg.																		
36.0	48.4		ANDESITE Siltstone/mudstone light grey to green. Upper contact 40 degrees to the core axis and lower contact 75 degrees to the core axis. Generally fining-up, thin to medium bedded siliceous siltstone and mudstone. Foliation dip 70 degrees.																		
48.4	77.2		ANDESITE End of Dct, wacke and siltstone/mudstone texture. Bedding angle of 70 degrees. 66.3 67.1 MAFIC DYKE. Upper contact 15 degrees to the core axis and lower contact 35 degrees to the core axis. 74.0 77.2 MAFIC DYKE. Medium dark green low epidote alteration. Upper contact 75 degrees to the core axis and lower contact 20 degrees to the core axis.																		
77.2	103.6		ANDESITE Siltstone and wacke textures. Low epidote alteration. DCm10 seds																		

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGE AU	AG	PB	ZN
		97.4 103.6 MAFIC DYKE. Medium to dark grey with low epidote alteration. Upper contact 45 degrees to the core axis and lower contact 80 degrees to the core axis.																
103.6	107.3	MAFIC FLOW Medium to dark green with upper contact 80 degrees to the core axis and lower contact 85 degrees to the core axis. DCm10 flow. 103.6 104.5 High hematite alteration. 106.3 106.9 High hematite alteration.																
107.3	110.6	RHYOLITE Light green tuff with upper contact 85 degrees to the core axis. DCms. 108.4 109.5 Feldspar porphyry dike medium to light grey with upper contact 75 degrees to the core axis and lower contact 75 degrees to the core axis. 30% FXPH with size of .3cm. DCmg.																
110.6	117.9	DACITE/ANDESITE Lapilli agglomerate. Upper volcaniclasitic unit - DCms. Type 1 fragment sub-angular andesite. Type 2 fragment sub-rounded dacite.																
117.9	122.4	ANDESITE Interbedded fine to coarse lapilli tuff and siltstone texture. Felsic clast component and minor sulphide clasts, still part of DCmg. Type 1 sub-angular andesite fragments to .5cm size @ 70%. Type 2 sub-angular felsic fragments to .3cm size @ 20%. Bedding core angle=70 degrees.																
122.4	139.0	FELDSPAR PHYRIC ANDESITE Lapilli tuff with moderate epidote alteration. Fragmental unit consisting of predominantly andesite and altered sub-angular andesite fragments (3 cm. Size @ 80%) to minor felsic fragments present (1 cm. Size @ 10%). DCm8.																
139.0	144.4	DACITE/ANDESITE Lapilli tuff medium greenish-grey. Coarse fragmental, poorly sorted, non-bedded debris flow with major sub-rounded 3 cm. Clasts of felsic (altered dacite?) fragments and sub-rounded 1 cm. Andesite fragments. Represents transition zone to DCm5u. Matrix is more silicious than above unit.																
144.4	155.8	DACITE/ANDESITE Tuff fine lapilli medium to dark grey. Bedding angle of 70 degree. Well-sorted, well-bedded epiclastic to pyroclastic? deposit that generally fines upwards. 145.6 145.8 Fault zone. 2cm gouge thickness. Upper contact 50																

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	T (..)	..en (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGE AU	AG	..B	ZN
		degrees to the core axis and lower contact 50 degrees to the core axis. 153.1 154.5 Broken core.																	
155.8	166.5	**FELDSPAR PHYRIC ANDESITE** Agglomerate lapilli medium grey-green. Mixed unit to possible hyaloclastitic in places; biotite alteration in upper part (associated with fault?). 4cm. Sub-angular andesite fragments @ 50% and 3cm. Sub-rounded felsic fragments @ 50%. 158.2 160.4 Fault zone. Medium to high foliation intensity. Foliation dip 20 degrees, shear dip 15 degrees. 159.5 160.4 Vein. Quartz calcite. Lower contact 20 degrees to the core axis. 161.5 163.9 Fault zone. 2cm. Gouge; QM1=1%. Upper contact 10 degrees to the core axis and lower contact 10 degrees to the core axis. 162.0 162.9 Vein. Quartz calcite. Upper contact 15 degrees to the core axis and lower contact 80 degrees to the core axis.																	
166.5	177.8	**DACITE/ANDESITE** Tuff fine lapilli medium to light grey. Low hematite alteration. .5cm. Dacite fragments and .5cm. Andesite fragments. Well-bedded, well-sorted epiclastic to pyroclastic, fining upwards in medium bedded sequences. Fluorite, hematized clasts, minor purple layers.																	
177.8	239.9	**FELDSPAR PHYRIC DACITE** Massive fine lapilli light to dark grey. FXPH%~15% / size 4cm. In places fairly brecciated. Several bleached areas cut by quartz-carbonate-chlorite vein. 225.9 226.5 MAFIC DYKE dark green with upper contact 45 degrees to the core axis and lower contact 45 degrees to the core axis.																	
239.9	242.1	**ULTRAMAFIC/MAFIC** Dike or sill medium to dark green. Amygdular massive flow brecciated ultramafic dike or sill. Upper contact 50 degrees to the core axis and lower contact 40 degrees to the core axis.																	
242.1	253.9	**RHYOLITE** Tuff fine lapilli medium grey. Lower contact 25 degrees to the core axis and bedding angle 45 degrees. Fining upward beds with quartz eyes and rounded quartz clasts. Bleached 249.24 to base. 245.8 Gouge for 2 cm. 246.4 246.5 Fault zone gouge for 4 cm. 247.6 249.2 MAFIC DYKE. 247.6 256.4 Fault zone. Foliation intensity low to moderate. Foliation dip 25 degrees. Broken core and bleaching. Gouge at: (248.48), (249.10-1cm),																	

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	T (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGE AU	AG	PB	ZN
		(249.24-.7cm). (249.54-3cm), (250.01-2cm), (250.95), (251.70), (253.94-3cm), (254.50-254.73/23cm).																	
253.9	256.8	**MAFIC DYKE** Bleached and fault brecciated to 23 cm gouge noted above. Upper contact 25 degrees to the core axis.																	
256.8	262.6	**DACITE/ANDESITE** Lapilli tuff moderately bleached. Bedding angle 30 degrees. DCm5																	
262.6	281.6	**DACITE** Flow breccia, medium green moderately bleached. Quartz calcite 10%. Possible DCm5u flow or pyroclastic deposit to moderately bleached and veined. Intense alteration along base of unit(wet intrusion).																	
281.6	309.3	**ANDESITE** Tuff lapilli light to medium greenish-grey. Mixed volcaniclastic (andesitic), minor felsic clasts, intercolated beds poor to well-sorted. DCm4 or top of DCm3. Broken core: (281.40-281.90), (282.35-282.90), (290.87-290.92), (302.20-303.56), (307.56-308.60).																	
309.3	314.7	**FELDSPAR PORPHYRY** Dike, medium grey with upper contact 40 degrees to the core axis and lower contact 35 degrees to the core axis. FXPH 15% to .3 cm.																	
314.7	345.5	**DACITE/ANDESITE** Tuff agglomerate lapilli medium to dark green. Large felsic (rhyolite) clasts up to 0.6cm in width, minor sulphide clasts. DCm3. 317.9 318.5 Fault zone. 4 cm gouge at 5%. Moderate foliation with a shear dip of 35 degrees. 318.5 323.9 FELDSPAR PORPHYRY. Medium grey dike with upper contact 35 degrees to the core axis and lower contact 65 degrees to the core axis. FXPH of 10% at .5cm sizes. 320.0 327.9 Fault zone. Bleached with moderate to high foliation and shear dip of 35 degrees. Broken core: (331.20-332.06), (338.89-340.0).																	
345.5	356.9	**ANDESITE** Massive breccia, medium green, with low epidote alteration. Minor quartz vesicles/amygdules. Broken core (350.43-350.63).																	
356.9	393.3	**MAFIC DYKE** Massive to mildly porphyritic, mafic units to sill or dyke.																	

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	T (m)	Len (m)	MIN. % PY	CPY	SPH	GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGE: LEN (m)	AU	AG	CU	PB	ZN
		Dark grey-green. Broken core at (359.66-361.20).																					
393.3	401.4	MAFIC FLOW Dark green tuff with bedding angle of 70 degrees. Broken core at (392.96-393.70).																					
401.4	413.0	RHYOLITE/ANDESITE Lapilli tuff medium grey-green with upper contact 80 degrees to core axis.																					
		401.4 401.8 RHYOLITE/ANDESITE. Lapilli tuff with fragments of andesite and rhyolite. 2% disseminated Pyrite-fine grained, a trace of disseminated fine-grained Chalcopyrite and 3% fine-grained Sphalerirte as breccia fragments.	8	401.4	401.8	.4	2	tr	3	.40	9.50	.20	.10	1.85	.40	2.85							
			9	401.8	402.8	1.0				.00	.00	.00	.00	.00	.00	.00							
		402.8 403.8 RHYOLITE/ANDESITE. Lapilli tuff with fragments of andesite and rhyolite. 10% disseminated fine-grained Pyrite, 1% of medium-grained disseminated Chalcopyrite, and 2% fine-grained Sphalerite as stringers.	10	402.8	403.8	1.0	10	1	2	.70	22.60	.25	.20	1.60	2.40	2.95							
		403.8 405.0 RHYOLITE/ANDESITE. Lapilli tuff with fragments of andesite and rhyolite. 8% fine-grained disseminated Pyrite, 1% medium-grained chalcopyrite as stringers and disseminations, and 4% fine-grained Sphalerite as stringers and disseminations.	11	403.8	405.0	1.2	8	1	4	1.70	70.60	.75	.70	4.20	3.60	3.20							
		Upper zone of disseminated sulphides.																					
413.0	416.3	CHERT Semi massive sulphides faulted together with chert and altered tuff?. Moderately foliated/30 degree dip. Broken core 412.23-414.50.	13	413.0	414.2	1.2				1.60	23.80	1.50	.10	.60	.50	9.00							
			14	414.2	415.5	1.3				.70	18.40	.65	.05	.40	.50	13.10							
			15	415.5	416.3	.8				3.00	172.30	6.40	.85	5.40	1.20	24.80							
416.3	418.8	MASSIVE SULPHIDES Massive sulphides Fe>Cu>Zn. 40% fine-grained massive Pyrite, 6% fine-grained Chalcopyrite as patches, and 5% fine-grained sphalerite as stringers and disseminations.	16	416.8	417.8	1.0	40	6	5	3.80	81.10	9.50	.10	1.05	.30	38.90							
			17	417.8	418.8	1.0	40	6	5	2:50	64.20	7.50	.10	4.85	.30	34.00							
418.8	419.8	RHYOLITE/ANDESITE Lapilli tuff with upper contact 40 degrees to core axis and lower contact 80 degrees to core axis. Base of HW horizon.																					
419.8	510.5	ANDESITE Tuff-Lapilli Breccia and Flow medium green with low to moderate epidote alteration. Footwall Andesite-flow breccia. 423.2 453.4 Light to moderate bleaching of andesite from green to grey. Associated with proximity to large fault through this interval. 426.9 428.9 Gouge 5cm foliation dip of 75 degrees. 427.9 439.3 Broken Core light to medium grey. 437.4 438.2 Fault zone. Faulted and brecciated fragments of Massive Sulphide-similar to MS above.	19	437.4	437.9	.5	5	1	1	1.70	45.90	4.50	.15	2.25	.00	10.20							

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	T (	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES AU	AG	(	B	ZN
		5% Fine-grained Pyrite as breccia fragments, 1% fine-grained Chalcopyrite as breccia fragments, and 1% fine-grained Sphalerite as breccia fragments. Gouge 35cm thick at 40 %. High broken core intensity with foliation dip 40 degrees. 448.2 449.0 Broken Core-low intensity. 488.8 489.2 Broken Core-low intensity. 490.3 492.3 Broken Core-low to medium intensity with shear dip of 25 degrees.																		

Drill Hole: PR112
EOH: 574.2
Location: THELWOOD VALLEY

WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATION
DIAMOND DRILL RECORD SHEET

Northing: 4366.0
Easting: 5571.0
Elevation: 3270.0

Collar Azi: 280.0
Collar Dip: -77.0

DIP TESTS
DEPTH DIP
NONE

TROPARI TESTS
DEPTH AZIMUTH DIP
0 280 -77
13.72m 290 -76
53.34m 282 -77
114.29m 284 -77
202.68m 287 -77.5

COMMENTS

Core Size: NQ
Drill Type: 37A

Logged by: J.H. and G.D.
Date: MARCH 1/95

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %
.0	6.1	OVERBURDEN												
6.1	41.9	INTERMEDIATE INTRUSIVE Dike or Sill medium grey-green with low epidote alteration. Broken Core (6.2-7.0), (13.7-16.10) water bearing structure. 11.5 13.4 ANDESITE. Light green tuff with silicified or bleached alteration. Upper contact 70 degrees to the core axis and lower contact 70 degrees to the core axis. Generally massive and in places strongly feldspar porphyritic. Surface weathering effects to 7.62 m. Unit cut throughout by creamy white alteration veins and veinlets. 34.2 34.7 Broken Core low intensity.												
41.9	48.7	ANDESITE Light green, generally fining-up, bedded siliceous mudstone and siltstone. Bedding angle of 70 degrees. 42.9 44.2 Fault zone. Low to moderate broken core intensity with shear dip of 20 degrees. Gouge 1cm at 2%.												
48.7	77.2	ANDESITE Medium to dark green wacke and siltstone/mudstone. Bedding angle of 70%. 64.6 65.0 Fault zone. Low to moderate broken core intensity with shear dip of 20%. Broken Core at 71.32-71.82. DCt begins with a white chert that is overlain by a medium-coarse fragmental (LT) over several metres-then begins siltstone/wacke of SBT unit.												
77.2	109.4	ANDESITE Medium to light green siltstone/wacke with low epidote alteration. Contorted texture with thin-medium bedded fragments. Bedding angle of 70 degrees. 78.1 78.4 INTERMEDIATE INTRUSIVE. Dark green dike. Upper contact 80 degrees to the core axis, lower contact 80 degrees to the core axis.												

AVERAGES %

LEN (m)	AU	AG	CU	PB	ZN

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGES % LEN (m) AU AG CU PB ZN
		99.6 104.4 INTERMEDIATE INTRUSIVE. Upper contact 80 degrees to the core axis, lower contact 80 degrees to the core axis. 105.6 107.4 ANDESITE. Siltstone/wacke medium to dark red-maroon with high hematite alteration. 106.7 107.4 Broken Core. 107.4 109.0 INTERMEDIATE INTRUSIVE. Dike.													
109.4	112.9	ANDESITE Siltstone containing minor felsic fragments (rhyolite) and patches of fine-grained pyrite. Contorted texture with low epidote alteration. 111.2 112.3 FELDSPAR PORPHYRY dike.	00001	109.4	112.9	3.5	1								
112.9	114.3	CHERT Light green-grey unit contains minor argillaceous chert and fine-grained micro-veins of pyrite.	00002	112.9	114.3	1.4	2								
114.3	119.5	DACITE/ANDESITE Agglomerate lapilli medium grey. Fragments of sub-angular andesite (4cm, 50%), and sub-rounded dacite (5cm, 50%). Poorly sorted volcaniclastic deposit in dacitic matrix.													
119.5	123.5	DACITE/ANDESITE Medium grey tuff/flow with medium bedding, well sorted, fining upwards sequences of epiclastics. Bedding angle of 60 degrees.													
123.5	142.5	ANDESITE Light to medium grey lapilli poorly sorted, non-bedded with moderate epidote altered volcaniclastic. 2cm angular clasts of altered andesite-90%.													
142.5	146.0	FELDSPAR PHYRIC ANDESITE Lapilli with low epidote alteration. Poorly sorted, non-bedded, includes 3cm sub-angular andesite clasts (60%), and variable-size sub-rounded felsic clasts (30%).													
146.0	155.0	DACITE/ANDESITE Siltstone/wacke light-medium green-grey with low hematite alteration facies. Bedding angle of 45 degrees. Coarse to fine-grained, well-sorted, well-bedded epiclastic. 146.2 146.5 Fault zone. Broken core and .5cm gouge (1%), low intensity with shear dip of 50 degrees.													
155.0	176.4	DACITE/ANDESITE Light-dark green agglomerate/lapilli with moderate epidote alteration. Well-poorly sorted volcaniclastic, fining-upwards but poorly bedded. Contains 3cm sub-angular andesite clasts (90%), and 5cm sub-rounded dacite clasts (10%). Bedding angle of 60 degrees. 161.9 162.4 Broken Core.													

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
176.4	181.0	DACITE/ANDESITE Medium greenish-grey siltstone/wacke with andesitic lapilli size partially hematized to moderate to well sorted with upper contact 50 degrees to the core axis and lower contact 40 degrees to the core axis. Bedding angle 50 degree.																		
181.0	201.0	FELDSPAR PHYRIC DACITE Medium to dark grey with FXPH size of .3cm. 189.8 191.6 Intense bleaching of the dacite to lt. Cream color. Minor gouge. Bedding angle 30 degrees. 191.6 192.4 ULTRAMAFIC/MAFIC dike.																		
201.0	205.9	FELDSPAR PORPHYRY Breccia. 201.5 203.2 Broken core low intensity. Light-moderate bleaching with shear dip of 40 degrees.																		
205.9	215.0	RHYOLITE/ANDESITE Medium grey-green fine lapilli tuff with epidote alteration. Interbedded, well-bedded wacke and rhyolite flow breccia to bedding angle 80 degrees. 20cm chert at base.																		
215.0	252.4	FELDSPAR PHYRIC DACITE Massive flow breccia dark grey-green. Brecciated dacite at base of unit. 217.2 217.5 Broken Core. 236.0 237.1 Broken Core.																		
252.4	253.8	MAFIC DYKE																		
253.8	261.3	ANDESITE/DACITE Volcaniclastic lapilli tuff unit. 254.2 255.1 Broken core with low intensity. 259.5 261.3 Broken core with 2cm gouge (1%) and bedding angle of 45 degrees.																		
261.3	268.1	DACITE Flow breccia with laminar flow structure in places. 265.3 267.5 Broken core.																		
268.1	285.0	ANDESITE/DACITE Light grey to medium grey pyroclastic deposit to dacite in character, possible welded texture in places, minor sulphide - intercolated with dacite massive flow and breccia with laminar flow bonding. 270.0 270.3 Fault zone 3cm gouge at 5%. 270.3 271.0 Bleached area. 273.6 274.9 Broken core with low intensity. 280.3 282.8 Broken core with low intensity.																		

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGES % LEN (m) AU AG CU PB ZN
285.0	315.0	**FELDSPAR PHYRIC ANDESITE** Lapilli tuff dark green with epidote alteration. 2cm sub-rounded andesite and altered andesite clasts (95%) with minor sub-rounded 1cm felsic fragments (2%). Moderate-well sorted, non-bedded volcaniclastic deposit. 309.8 315.0 Fault zone. Significant fault to narrow gouge zones (2%). Moderate bleaching, med-high broken core intensity with shear dip of 45 degrees.													
315.0	331.7	**RHYOLITE/ANDESITE** Agglomerate tuff lapilli med-dark green. Poor to well sorted, non-bedded volcaniclastic. Variable-size clasts of sub-rounded andesite (80%) and rhyolite (10%). Some felsic clasts.													
331.7	339.1	**ANDESITE/DACITE** Lapilli tuff siltstone medium grey-green. Moderate to well-sorted, moderately bedded. Lower contact 65 degrees to core axis with bedding angle of 85 degrees.													
339.1	391.4	**MAFIC DYKE** Dark green massive mafic sill with brecciated and porphyritic sections. Light epidote alteration with upper contact 65 degrees to core axis. 357.5 358.1 Broken core. 360.8 362.8 **ANDESITE.** Massive with porphyritic section. 384.3 385.5 Fault zone. Light-moderate broken core intensity, shear dip=50 degrees. 5cm gouge (3%). 390.8 391.4 Fault zone. Light-high broken core intensity, shear dip 30 degrees. 30cm of gouge (50%).													
391.4	397.5	**RHYOLITE/ANDESITE** Medium to thin-bedded, fairly well-sorted graded quartz feldspar crystal-lithic tuff to coarse tuff.													
397.5	401.5	**RHYOLITE FRAGMENTAL** Fine to coarse lapilli. Heterolithic but rhyolite dominant debris flow, med-poor sorted, non-bedded. 5% fine-grained disseminated Pyrite, 1% medium-grained disseminated Chalcopyrite and 3% fine-grained interstitial Sphalerite.	00003	397.5	401.5	4.0	5 1 3								
401.5	407.5	**DACITE** Dacite and Rhyolite lapilli tuff and intercolated dacitic pyroclastic units.													
407.5	427.9	**DACITE** Dacite and Rhyolite flow breccia light-dark green-white. Large 5-20cm sub-rounded felsic (80%) and rhyolite (10%) clasts. Poorly sorted, non-bedded. Lower contact 55 degrees to core axis.													
427.9	433.6	**MAFIC DYKE**													

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY	CPY	SPH	GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGES (m)	AU	AG	CU	PB	ZN
		Very dark green with 3% calcit vein, upper contact 65 degrees to the core axis and lower contact 20 degrees to the core axis.																					
433.6	444.0	FELDSPAR PHYRIC ANDESITE Agglomerate lapilli tuff medium green with epidote alteration. Poorly sorted, non-bedded andesite and altered andesite dominant unit. 3cm sub-angular andesite clasts (80%), and 5cm sub-rounded felsic clasts (15%). Part debris flow and part pyroclastic.																					
444.0	449.3	RHYOLITE Agglomerate lapilli tuff, light grey with sub-rounded rhyolite and felsic fragments. Mineralized:.																					
		444.0 444.8 5% medium-grained Pyrite as spots, 1% fine-grained disseminated Sphalerite.	00004	444.0	444.8	.8	5	0	1														
		444.8 445.7 20% medium-grain Pyrite as patches and 2% fine-grain Sphalerite as wisps.	00000	444.8	445.7	.9	20	0	2														
		445.7 446.6 2% fine-grain interstitial Pyrite and 1% fine-grain Sphalerite as wisps.	00001	445.8	446.6	.8	2	0	1														
		446.6 447.9 20% fine-grain pervasive Pyrite, 1% medium-grain Chalcopyrite as spots and 10% fine-grain interstitial Sphalerite.	00000	446.6	447.9	1.3	20	1	10														
		447.9 449.3 5% fine-grain disseminated Pyrite, 3% medium-grain Chalcopyrite as patches and 3% fine-grain disseminated Sphalerite.	00000	447.9	449.3	1.4	1	5	3														
449.3	450.4	FELDSPAR PORPHYRY Medium green dike.																					
450.4	453.4	RHYOLITE Vitric tuff.																					
453.4	463.5	SEMI-MASSIVE SULPHIDES Lapilli agglomerate to semi-massive sulphide as sulphide fragments and disseminations in a siliceous (rhyolite, chert?) matrix with felsic fragments (50%). Poorly sorted, may be debris flow. 20% fine-grain Pyrite breccia fragments, 3% medium-grain disseminated Chalcopyrite and 5% fine-grained sphalerite breccia fragments.	00005	453.4	463.5	10.1	20	3	5														
463.5	574.2	ANDESITE Massive to fine breccia.																					
		463.7 480.7 Fault zone. 5% gouge, 60% broken core. Contains fault block of rhyolite-sulphide mineralization.	00006	470.7	477.5	6.8	10	2	3														
			840	398.5	399.5	1.0					1.30	46.90	.60	.25	2.50	3.60	3.50						
			841	399.5	400.5	1.0					1.90	93.80	.90	.35	3.75	3.50	4.40						
			842	400.5	401.5	1.0					7.20	96.10	.65	.65	3.65	8.40	3.10						
			843	401.5	444.0	42.5																	
			844	444.0	444.8	.8					.90	22.50	.30	.20	2.20	.80	8.60						
			845	444.8	445.7	.9					4.50	70.40	.30	.30	3.25	1.10	22.10						
			846	445.7	446.6	.9					.50	11.60	.20	.20	.70	.60	4.20						

From (m)	To (m)	DESCRIPTION
470.7	477.5	MASSIVE SULPHIDES. 10% fine-grain massive Pyrite, 2% fine-grain massive Chalcopyrite and 3% fine-grain massive Sphalerite.
488.0	519.7	ANDESITE. Massive/porphyritic with epidote alteration.
509.7	515.2	MAFIC DYKE. Mixed mafic dyke and fine grain massive to mildly porphyritic to end of hole. Light epidote and chlorite alteration.
		Minor Broken Core at: (491.23-492.23), (501.35-502.07), (550.69-552.44).
563.3	568.4	FELDSPAR PORPHYRY dike.
573.8	574.2	FELDSPAR PORPHYRY dike.

SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %
847	446.6	447.6	1.0		1.90	37.50	.90	.15	3.50	8.30	10.80
848	447.6	448.6	1.0		1.40	22.90	.95	.15	3.50	1.20	10.80
849	448.6	449.3	.7		.90	18.80	.75	.10	1.50	.60	10.00
850	449.3	453.4	4.1								
851	453.4	454.3	.9		1.60	25.60	.60	.10	.35	.50	12.10
852	454.3	454.9	.6		.00	2.50	.05	.00	.10	.60	2.40
853	454.9	455.8	.9		.80	17.40	.50	.25	2.00	1.30	7.05
854	455.8	456.8	1.0		1.60	71.80	1.10	.10	8.50	2.90	12.90
855	456.8	457.5	.7		1.70	62.90	5.85	.15	.75	.80	25.80
856	457.5	458.4	.9		3.70	52.60	1.60	.20	9.90	.60	17.50
857	458.4	459.8	1.4		4.20	47.00	2.45	.10	10.60	9.80	17.00
858	459.8	460.8	1.0		1.30	36.30	.95	.20	5.60	1.80	14.20
859	460.8	461.5	.7		1.30	60.90	.80	1.40	9.85	8.50	10.70
860	461.5	462.0	.5		1.30	60.90	.80	1.40	9.85	8.50	10.70
861	462.0	463.2	1.2		4.10	72.50	2.75	.35	7.35	1.10	14.50
862	463.2	470.7	7.5								
863	470.7	471.4	.7		1.30	15.80	1.05	.30	2.30	.70	8.30
864	471.4	472.3	.9		6.10	97.20	4.80	.25	2.35	2.20	26.50
865	472.3	473.3	1.0		4.20	48.00	3.00	.60	7.00	3.40	14.60
866	473.3	474.3	1.0		1.10	26.80	1.35	.75	11.50	3.00	10.00
867	474.3	475.3	1.0		1.90	45.90	1.95	.10	.90	.60	39.30
868	475.3	476.1	.8		5.30	88.10	2.30	.50	4.90	1.60	17.00
869	476.1	476.8	.7		1.90	39.80	1.45	.40	5.85	.70	10.55
870	476.8	477.5	.7		2.10	30.60	1.75	.15	1.05	.50	11.05
871	477.5	548.0	70.5								

LEN (m)	AVERAGES % AU	AG	CU	PB	ZN

Drill Hole: PR113
EOH: 389.2
Location: THELWOOD VALLEY

WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATION
DIAMOND DRILL RECORD SHEET

Northing: 3825.0
Easting: 6735.0
Elevation: 3277.0

Collar Azi: 290.0
Collar Dip: -90.0

DIP TESTS
DEPTH DIP
NONE

TROPARI TESTS
DEPTH AZIMUTH DIP
0 290 -90
96.66m 292 -88
200.24m 269 -88
274.0 m 259 -88.5
366m 252 -87

COMMENTS

Core Size: NQ
Drill Type: VAL d'OR

Logged by: J.H. AND G.D.
Date: MARCH 3/95

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
.0	17.4	OVERBURDEN																		
17.4	29.3	FELDSPAR PHYRIC ANDESITE Lapilli tuff volcaniclastic. Medium green with epidote alteration. Well-sorted, non-bedded. Sub-angular 1cm. Andesitic clasts (95%) and sub-rounded 2cm felsic clasts.																		
29.3	42.8	ANDESITE/DACITE Lapilli agglomerate tuff. Variable size sub-angular andesitic clasts (80%) and sub-rounded variable size dacite clasts (10%). Poorly sorted non-bedded volcaniclastic debris flow.																		
42.8	66.0	ANDESITE Fine to coarse tuff, medium green with bedding angle of 70 deg. Epiclastic re-sedimentated fine fraction of above unit, well sorted and bedded, fining upward overall. 46.5 46.9 Fault zone 10% quartz veining, with a shear dip=15 deg. 20cm Of gouge (50%). 47.2 50.0 Broken core Bedding angle=15 deg. 57.4 60.1 Broken core Bedding angle=20 deg. 60.4 60.9 Broken core. 63.9 65.8 Broken core.																		
66.0	85.1	DACITE/ANDESITE Lapilli tuff volcaniclastic. Sub-angular 2cm andesitic clasts (70%) and sub-rounded 10cm dacite clasts (10%). Minor sulphide clasts. 67.2 69.6 Broken core. 71.7 71.9 Fault zone Shear dip=20 deg, 10cm gouge (30%). 72.2 73.1 Broken core Bedding angle=20 deg.																		
85.1	117.3	DACITE/ANDESITE Agglomerate lapilli tuff volcaniclastic. Poorly sorted, non-bedded with sub-angular 7cm andesitic clasts (70%) and 20cm sub-rounded dacite clasts (10%).																		

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY	CPY	SPH	GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
		Minor sulphide clasts. 99.7 102.4 Broken core. 104.0 104.4 Broken core. 105.1 105.5 Broken core. 113.7 115.3 Broken core.																					
117.3	130.8	RHYOLITE/ANDESITE Fine lapilli tuff, light grey-green, with bedding angle=70 deg. Well sorted and bedded epiclastic. Coarse wacke to mudstone. 126.3 130.1 Broken core.																					
130.8	131.6	INTERMEDIATE INTRUSIVE Dike. 130.8 130.9 Fault zone. 5cm gouge (20%).																					
131.6	138.8	RHYOLITE Fine to coarse tuff, rhyolite dominant epiclastic seds, well sorted, well bedded, finely disseminated Pyrite 1% throughout.	00000	131.6	138.8	7.2	1																
138.8	154.8	RHYOLITE/ANDESITE Lapilli tuff. Coarse clastic unit-heterolithic includes large rhyolite sub-rounded 10cm clasts (50%) and altered andesitic chert and sulphide clasts. Pyrite>Sphalerite>Chalco. 2% medium-grain disseminated Pyrite, 0.2% coarse Chalcopyrite as patches and 1% fine-grain clastic Sphalerite.	00000	138.8	154.8	16.0	2	0	1														
154.8	165.0	RHYOLITE Breccia porphyritic flow, med-dark grey.																					
165.0	167.1	RHYOLITE/ANDESITE Lapilli tuff. Moderate to well sorted, non-bedded, includes sphalerite clasts up to 4cm in length.																					
167.1	170.2	RHYOLITE Coarse to fine tuff, medium grey, fining-upward sequence of med-bedded tuffs (epiclastic). Bedding angle of 25 deg.																					
170.2	176.2	RHYOLITE Massive, in places brecciated rhyolite flows. Medium grey.																					
176.2	191.3	RHYOLITE/ANDESITE Well sorted, non-bedded debris flow, lapilli tuff. Medium to dark grey/green with sub-rounded fragments of rhyolite and sub-angular fragments of andesite. 180.4 180.9 FELDSPAR PORPHYRY dike.																					
191.3	200.0	RHYOLITE Lapilli tuff, light to medium green/grey with foliation dip=25 deg. 191.3 191.6 Fault zone. Shear dip=25 deg, 2cm gouge at 3%. 196.6 201.1 Fault zone. Foliation dip=30 deg, shear dip=45 deg.																					

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGES % LEN (m) AU AG CU PB ZN
		Unevenly distributed fault with several gouge zones and light foliation.													
200.0	201.1	CHERT Siltstone/mudstone, light green.													
201.1	233.8	ANDESITE Massive Breccia, med-dark green with epidote alteration. 201.1 203.1 Possible sill with low bleaching and foliation=35 deg.													
233.8	236.6	ANDESITE Lapilli tuff, medium green with epidote alteration.													
236.6	259.3	ANDESITE Massive, medium dark green with epidote alteration. 258.6 259.3 Fault zone. 15% quartz veining, shear dip=30 deg, 15% gouge. 263.6 264.3 Broken core. Low intensity, shear dip=30 deg.													
259.3	273.0	ANDESITE Andesite and felsic clasts in well sorted, non-bedded deposit. 268.1 269.6 MAFIC DYKE. Very dark green. 269.0 270.3 Fault zone. Shear dip=15 deg, 2% gouge.													
273.0	285.6	FELDSPAR PHYRIC ANDESITE Lapilli tuff, well sorted, non-bedded andesitic unit. 275.0 275.4 Broken core.													
285.6	301.0	FELDSPAR PHYRIC ANDESITE Lapilli tuff, Moderate to well sorted, non-bedded debris flow deposit that fines upward. 3cm sub-rounded felsic clasts (20%) have 'eyes' or amygdules. 2cm Sub-angular andesitic clasts (80%). Gradational lower contact.													
301.0	320.8	ANDESITE Fine to coarse tuff, well sorted and bedded, wacke/siltstone deposit. Fining upwards overall, bedding angle=60 deg.													
320.8	321.3	MAFIC DYKE Dark green with moderate quartz/calcite alteration. Upper contact 45 degrees to the core axis, lower contact 35 degrees to the core axis.													
321.3	324.2	RHYOLITE/ANDESITE Light to medium grey mineralized lapilli tuff with abundant rhyolite clasts. 2cm Sub-rounded rhyolite fragments (80%) and 1 cm sub-angular	00000	321.4	324.2	2.8	3 1 1								

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGES % LEN (m) AU AG CU PB ZN
		andesite clasts (20%).													
		3% Disseminated coarse Pyrite, 0.5% coarse Chalcopyrite as patches, and 1% fine-grain wispy Sphalerite.													
324.2	333.9	RHYOLITE													
		Flow Breccia with 1% medium-grain Pyrite as patches.	00001	324.2	333.9	9.7	1								
		324.2 325.2 MAFIC DYKE.	872	.0	48.3	48.3									
		326.9 327.6 MAFIC DYKE.	873	48.3	116.1	67.8									
		329.3 330.0 MAFIC DYKE. Upper contact 30 degrees to the core axis.	874	116.1	116.5	.4		1.30	16.30	1.50	.10	.10	.10	39.00	
		330.1 334.5 Broken core. Moderate to high intensity with shear dip=10 deg.	875	116.5	142.7	26.2									
			876	142.7	143.4	.7		.40	4.10	.05	.00	.10	.60	3.30	
			877	143.4	144.3	.9		.00	.00	.00	.00	.10	.40	2.80	
			878	144.3	145.8	1.5		.00	1.30	.00	.00	.00	.20	1.40	
			879	145.8	147.7	1.9		.00	5.00	.00	.00	.10	.40	2.00	
			880	147.7	148.4	.7		.00	.00	.05	.10	.20	.40	2.00	
			881	148.4	149.0	.6		.00	.00	.05	.10	.20	.40	2.00	
			882	149.0	150.5	1.5		.30	1.50	.00	.00	.10	.30	2.80	
			883	150.5	151.6	1.1		1.10	21.70	.80	.20	1.10	.40	4.45	
			884	151.6	152.2	.6		.00	2.70	.05	.00	.70	.20	1.20	
			885	152.2	154.2	2.0		.50	14.10	.35	.15	1.35	.40	3.20	
			886	154.2	166.3	12.1									
			887	166.3	167.1	.8		.00	2.50	.05	.00	.60	.20	2.60	
			888	167.1	168.6	1.5									
			889	168.6	169.3	.7		.00	5.50	.05	.00	.80	.20	4.60	
			890	169.3	237.1	67.8									
			891	237.1	320.0	82.9									
			892	320.0	321.3	1.3									
			893	321.3	322.4	1.1		1.10	54.70	.45	.25	2.00		5.20	
			894	322.4	323.5	1.1		.70	33.90	.40	.60	3.25		3.85	
			895	323.5	323.8	.3		.30	15.80	.25	.20	.90	1.20	2.85	
			896	323.8	324.1	.3		3.40	87.70	1.55	.50	4.55	1.60	4.75	
			897	324.1	389.2	65.1									
333.9	389.2	MAFIC FLOW													
		Dark green flow breccia.													
		348.9 349.0 Fault zone. SHEAR DIP=40 DEG., 8CM GOUGE @ 80%.													
		379.2 385.3 FELDSPAR PORPHYRY dike.													
		389.21 End of hole.													

Drill Hole: PR114
EOH: 303.9
Location: THELWOOD VALLEY

WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATION
DIAMOND DRILL RECORD SHEET

Northing: 3640.4
Easting: 6875.8
Elevation: 3280.1

Collar Azi: .0
Collar Dip: -90.0

DIP TESTS
DEPTH DIP
NONE

TROPARI TESTS
DEPTH AZIMUTH DIP
0 00.0 -90
44.80m 00.0 -89
203.3m 00.0 -88.5
294.74m 00.0 -87

COMMENTS

Core Size: NQ
Drill Type: VAL D'OR

Logged by: J.H. AND G.D.
Date: MARCH 4/95

From (m)	To (m)	DESCRIPTION
.0	24.4	OVERBURDEN
24.4	37.3	ANDESITE Fine Lapilli Tuff, medium green with bedding angle=80 deg. Epiclastic wacke/siltstone/mudstone, well sorted, normally bedded. 31.2 32.5 Broken core.
37.3	38.9	FAULT ZONE Rusty coloured, H20 bearing, significant fault, highly brecciated. 3% Quartz-ankerite veining, high broken core intensity with shear dip=20 deg. 20% gouge.
38.9	45.9	FELDSPAR PHYRIC ANDESITE Lapilli tuff volcaniclastic with sub-angular 1cm andesite fragments (90%) and sub-rounded .7cm feldspar fragments (5%).
45.9	54.4	ANDESITE Lapilli tuff. Hematized andesite and altered andesite fragments (sub-rounded .8cm, 95%) in medium green matrix. Moderately well-sorted, non-graded or bedded volcaniclastic.
54.4	58.5	RHYOLITE/ANDESITE Lapilli tuff volcaniclastic non-bedded. Light to moderate foliation (dip=45 deg.).
58.5	65.0	RHYOLITE/ANDESITE Light green grey lapilli tuff, gradational with unit above. Sub-rounded andesite (80%) and rhyolite (10%) fragments.
65.0	65.7	QUARTZ FELDSPAR PORPHYRY Dike upper contact 45 degrees to the core axis.
65.7	82.2	ANDESITE Coarse to fine tuff, wacke to siltstone in places hematite-rich layers epiclastic, moderately-well beddded, very well-sorted,

SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %

LEN (m)	AVERAGES % AU	AG	CU	PB	ZN

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
		bedding angle=70 deg. 67.1 69.3 Broken core. Light-moderate intensity, shear dip=25 deg. 1% gouge.																		
82.2	86.2	RHYOLITE/ANDESITE Coarse to fine, light grey and bleached. Fines upward, well-sorted, thick bedding.																		
86.2	97.1	RHYOLITE/ANDESITE Light grey green lapilli tuff volcaniclastic gradational with above unit. Well-sorted, non-bedded with sub-rounded variable size andesite (70%) and rhyolite (20%) fragments. Light to moderate foliation. 92.8 93.1 Broken core Shear dip=30 deg., 2% gouge. 95.5 98.3 Broken core.																		
97.1	101.4	RHYOLITE Flow Breccia. 100.6 101.3 Broken core.																		
101.4	121.1	RHYOLITE Massive Flow. 104.3 104.7 Massive Dyke. 117.8 119.7 MAFIC DYKE.																		
121.1	155.6	ANDESITE Epiclastic unit of well-sorted and bedded wacke/siltstone cut by a feldspar porphyritic unit. Upper contact 50 degrees to the core axis, and BEDDING ANGLE =75 DEG.																		
155.6	158.3	RHYODACITE Light grey wacke/siltstone with upper contact 20 degrees to the core axis and bedding angle=20 deg. Well sorted and bedded epiclastic with argillaceous mudstone-chert rip-ups. Some coarse patches of pyrite.																		
158.3	158.5	FAULT ZONE 3cm gouge 10%.																		
158.5	161.9	RHYOLITE Lapilli tuff agglomerate, light grey with sub-rounded rhyolite (2cm, 95%) and dacite fragments. Fining upward volcaniclastic with fine grain disseminated Pyrite (2%), coarse patchy Chalcopyrite (1%) and fine grain interstitual Sphalerite (2%).																		
161.9	163.6	RHYODACITE Light grey-green wacke/siltstone/mudstone, bedding angle=65 deg.																		

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY	CPY	SPH	GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %
163.6	164.5	RHYODACITE Lapilli tuff conglomerate, rhyolite-chert debris flow, well sorted, non-bedded. Sub-rounded 2cm fragments of rhyolite (80%) and chert (10%).															
164.5	164.9	RHYODACITE Wacke/siltstone/mudstone, lower contact 50 degrees to core axis and a bedding angle of 50 deg. Coarse clasts of black argillaceous chert-mudstone rip-ups.															
164.9	171.8	RHYOLITE Light grey coarse to fine tuff, well sorted, thick bedded with bedding angle of 50 deg.															
171.8	181.1	RHYOLITE Wacke-tuff siltsone-mudstone, bedding angle=65 deg. Well-sorted and bedded sequence of mixed rhyolite epiclastic.															
181.1	183.4	ARGILLITE Black chert-mudstone wacke siltstone. Well-bedded sequence of intercolated argillaceous chert-mudstone and rhyolite wacke-siltstone. Fining upwards with individual beds. Gradational with unit above. Bedding angle=70 deg.															
183.4	184.6	RHYOLITE Light grey lapilli schist, coarse tuff. Debris flow, well-sorted. 1% fine grain disseminated Pyrite, 2% fine grain interstitial Sphalerite.	001	183.4	184.6	1.2	1	0	2								
			909	.0	45.5	45.5											
			910	45.5	137.0	91.5											
			911	137.0	139.6	2.6											
			912	139.6	140.0	.4					1.50	40.50	1.55	.05	7.60	.00	13.00
			913	140.0	147.1	7.1											
			914	147.1	147.3	.2					.50	16.60	.70	.45	2.80	.00	5.25
			915	147.3	228.5	81.2											
184.6	194.0	ARGILLITE Intercolated argillite-chert-mudstone and rhyolite epiclastics, black to light grey.Well-sorted with bedding angle of 70 deg.															
194.0	204.4	RHYOLITE Fine to coarse light grey tuff, thick bedded and well-sorted with bedding angle of 70 deg. 199.2 201.0 Broken core. Light to moderate intensity, shear dip=10 deg., 2% gouge.															
204.4	208.8	ARGILLITE Light grey to black chert-mudstone, fine lapilli tuff. Bedding angle=60 deg. 2% Fine grain disseminated Pyrite and 1% fine grain Sphalerite as stringers. 205.6 208.0 Broken core. Fault zone light to moderate broken core intensity, shear dip=30 deg., 1% gouge.															

AVERAGES % LEN (m)	AU	AG	CU	PB	ZN

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGES % LEN (m)	AU	AG	CU	PB	ZN
208.8	230.0	RHYOLITE/ANDESITE Fine to coarse lapilli tuff, massive thick-bedded rhyolite dominant pyroclastic and volcaniclastic deposition becoming conglomeritic near the top of unit. 1cm gouge at 222.44. 224.1 225.4 Fault zone, Shear dip=15 deg., 5% gouge.	916	228.5	303.9	75.4														
230.0	246.0	RHYOLITE/ANDESITE Lapilli tuff, well sorted, non-bedded andesite dominant volcaniclastic deposit. Laminated texture with foliation dip of 8 degrees.																		
246.0	265.5	ANDESITE Tuff, massive, non-bedded gradational with unit above and below. Foliation dip=15 degrees with light to moderate intensity. 259.8 265.5 20% quartz veinlets and patches increasing towards shear zone at base. 260.4 259.8 Fault zone, high broken core intensity with shear dip of 35 degrees and 50% gouge.																		
265.5	300.8	FAULT ZONE Significant zone, bleached with mod-high broken core intensity and shear dip of 30 degrees Gouge at: (268.63-268.93), (269.73), (272.38-271.78), (273.75-274.40),. (277.75-277.95), (278.97-278.87), (280.60-280.70), (282.85-283.45). 288.6 292.6 Broken core. 300.8 303.9 ANDESITE. Flow breccia/porphyry. EOH.																		

Drill Hole: PR115
EOH: 305.4
Location: THELWOOD VALLEY

WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATION
DIAMOND DRILL RECORD SHEET

Northing: ~~4366.0~~ 3640.
Easting: ~~5572.5~~ 6876.
Elevation: ~~3280.0~~ 3288.

Collar Azi: .0
Collar Dip: -90.0

DIP TESTS
DEPTH DIP
NONE

TROPARI TESTS
DEPTH AZIMUTH DIP
0 00.0 -90
91m 00.0 -88.5
183m 00.0 -88.5
274m 00.0 -87

COMMENTS

Core Size: NQ
Drill Type: VAL D'OR

Logged by: J.H. AND G.D.
Date: MARCH 5/95

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %
.0	16.5	OVERBURDEN												
16.5	23.3	ANDESITE/DACITE Medium grey-green fine to coarse lapilli, well-sorted, non-bedded debris flow. Low epidote alteration and sub-angular .5cm andesite fragments (80%) and sub-rounded .2cm dacite fragments (15%).												
23.3	24.5	RHYOLITE/ANDESITE Medium green lapilli tuff agglomerate, low to moderate epidote alteration. Sub-rounded andesite (5cm @ 80%) and rhyolite (3cm @ 20%) fragments. Some disseminated sulphides throughout.												
24.5	33.2	ANDESITE/DACITE Medium grey-green lapilli agglomerate tuff with epidote alteration. Sub-angular andestic (.8cm @ 80%) and sub-rounded dacite (.5cm @ 15%) fragments.												
33.2	51.3	RHYOLITE/ANDESITE Medium light green coarse tuff mudstone with moderate to pervasive epidote alteration. Epiclastic, medium to thinly bedded (bedding angle=80 deg.), fining upwards. Minor mafic dyke cutting stratification at 45.0-46.0m, upper contact 80 degrees to the core axis and lower contact 6 degrees to the core axis. 33.4 33.9 ULTRAMAFIC/MAFIC. Medium green sill with 5% quartz calcite veining.												
51.3	57.8	MAFIC DYKE Fine to medium grained, may contain xenoliths of tuff. Upper contact 15 degrees to the core axis and lower contact core angle = 10 deg. 55.8 55.9 Fault zone. 3cm gouge (80%) is chloritic and calcitic mud to breccia - sharp contacts. Upper contact 10 degrees to the core axis and lower contact 10 degrees												

LEN (m)	AVERAGES % AU	AG	CU	PB	ZN

From (m)	To (m)		DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
			to the core axis. 55.9 56.3 Quartz-calcite veining, crack and seal type with minor hematite/sulphides. Upper contact 10 degrees to the core axis and lower contact 10 degrees to the core axis.																		
57.8	80.8		RHYODACITE Mafic agglomerate lapilli, medium to light green with low to moderate epidote alteration. Ore clast breccia unit with sulphide clasts, large rhyolitic clasts and quartz eyes. Dyke contact above and fault below. Upper contact 10 degrees to the core axis and lower contact 25 degrees to the core axis. 57.8 60.0 MAFIC FLOW, coarse agglomerate lapilli tuff, medium green with low epidote alteration and sub-angular .7cm mafic fragments (90%). 60.0 80.8 Mafic rhyolite dacite, medium to light green agglomerate lapilli with low to medium epidote alteration. 5cm Sub-angular mafic fragments (70%) and rounded 7cm rhyolitic fragments (15%). Poorly sorted, heterolithic, coarsening downwards with increasing sulphide and chert clasts. 66.4 66.8 RHYOLITE. Intermediate, rhyolite clasts with fine grain disseminated pyrite. 71.3 72.1 Epidote alteration and bleached.																		
80.8	93.7		RHYOLITE/ANDESITE Lapilli agglomerate tuff brecciated, grey-green, with low to high bleached quartz alteration. Sub-rounded variable-size mafic fragments (90%) and rounded 10cm rhyolite fragments (5%). 80.8 83.4 Fault zone,broken core with fairly high foliation intensity and variable gouge (3%). Upper contact 25 degrees to the core axis. 81.3 81.8 Quartz-calcite veining. 83.8 84.0 Broken core. 84.4 86.7 ANDESITE Flow, medium green with fairly high quartz and epidote alteration. 84.8 85.0 Broken core. 86.7 93.7 RHYOLITE/ANDESITE medium grey-green agglomerate. With sub-angular 5cm andesite fragments (95%). Rounded 10cm rhyolite fragments (5%) and minor sulphide clasts. 88.0 88.6 Broken core. 90.3 90.8 Broken core. 91.7 93.0 Quartz vein, fine grain massive.																		
93.7	101.8		RHYOLITE HW horizon, light grey siltstone. Intercolated siltstone-mudstone argillaceous chert with quartz-calcite (10%) veining.																		

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
		94.0 94.6 ARGILLITE Dark black mudstone with gradational lower contact and 3% fine grain disseminated Pyrite.	00001	94.0	94.6	.6	3													
		94.6 95.1 RHYOLITE coarse to fine tuff, medium grey. Fining upwards with quartz-calcite veining 10% and 3% patchy coarse Pyrite.	00002	94.6	95.1	.5	3													
		95.1 97.3 RHYOLITE massive fine tuff, light grey-green with 15% quartz veining and 2% fine grain disseminated Pyrite.	00003	95.1	97.3	2.2	2													
		97.3 97.8 ARGILLITE, dark black mudstone with 15% quartz veining and upper contact 75 degrees to the core axis and lower contact 60 degrees to the core axis.																		
		5% Patchy coarse Pyrite, 20% QXPH .6cm size.																		
		97.8 98.9 ARGILLITE and RHYOLITE mudstone and fine tuff, dark blue to light green-grey with 10% quartz veining and upper contact 60 degrees to the core axis and lower contact 9 degrees to the core axis.																		
		98.9 99.2 RHYOLITE fine to coarse tuff, light grey-green with upper contact 70 degrees to the core axis and lower contact 70 degrees to the core axis.	00004	99.2	99.8	.6	3													
		Quartz phenocrysts at base.																		
		99.2 99.8 ARGILLITE mudstone with 3% patchy coarse Pyrite.																		
		99.8 101.8 RHYOLITE mudstone.																		
101.8	108.5	RHYOLITE Light to medium green-grey rhyolitic lapilli fine to coarse tuff with minor dark black argillaceous mudstone. 5% Quartz veining, low foliation intensity dip=25 deg and bedding angle=45 deg. 102.3 103.0 Quartz vein. 107.6 107.4 Fault zone, moderate broken core intensity with 2cm gouge seam.																		
108.5	129.3	RHYOLITE Intercolated lapilli, medium to coarse tuff, medium grey with 2% quartz veining. 108.5 120.2 Fault zone, increased foliation intensity with dip of 40 deg. 108.5 112.5 Broken core. Gouge at: (109.0, 1cm), (109.50, 2cm), (112.47, 2cm), (114.63, 1cm), (114.80-114.90, 10cm), (115.35, .5cm), (116.63, 1cm), (120.55, .5cm), (120.75, .5cm). Massive medium grain tuff with low foliation intensity at 120.15-129.27.																		
129.3	137.6	RHYOLITE Flow breccia and porphyry flow, medium grey with 3% quartz veining. Sub-rounded 10cm rhyolite-chert fragments. Upper contact 30 degrees to the core axis 20% FXPH and MXPH .8cm size.																		
137.6	138.2	RHYOLITE Light grey siltstone with minor argillite fragments. Bedding	00005	137.6	138.2	.6	2													

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU AG CU PB ZN
		angle=70 deg. 2% Fine grain patchy Pyrite.														
138.2	149.9	RHYOLITE/ANDESITE Coarse agglomerate tuff with variable size andesite (50%) and rhyolite (35%) fragments. 138.6 138.8 MASSIVE SULPHIDES. 20% medium grain massive Chalcopyrite and 20% medium grain massive Sphalerite Coarse patches and disseminations of Cu and Zn at: (138.76-138.85), (141.29-141.33), (143.56-143.61), (147.06-147.26), (148.07-148.12), (148.27-148.32), (148.57-148.68), (149.23-149.31). Sphalerite is of reddish-brown variety, appears to be infilling open spaces.	00006	138.6	138.8	.2	20 20									
149.9	155.4	ANDESITE Flow breccia, hornblende porphyritic, with moderate epidote alteration and sub-rounded 5cm andesite fragments. Lower contact 40 degrees to the core axis, 40% MXPH .5cm size.														
155.4	156.1	RHYOLITE/ANDESITE Agglomerate with 40% rounded 10cm rhyolite fragments, and 20% 4cm sub-rounded andesite fragments. Fine grain patchy Pyrite @ .5%.	00007	155.4	156.1	.7	1									
			909	.0	45.5	45.5										
			910	45.5	137.0	91.5										
			911	137.0	139.6	2.6										
			912	139.6	140.0	.4		1.50	40.50	1.55	.05	7.60	.00	13.00		
			913	140.0	147.1	7.1										
			914	147.1	147.3	.2		.50	16.60	.70	.45	2.80	.00	5.25		
			915	147.3	228.5	81.2										
156.1	168.3	ANDESITE Beginning of footwall mafic andesite, flow breccia dark green with low epidote alteration and mafic andesite fragments. 156.1 156.4 Broken core. 157.6 158.5 Broken core.														
168.3	178.0	ANDESITE Silicified section - possible minor felsic clasts. Brecciated.														
178.0	186.6	ANDESITE Flow Breccia with low epidote alteration and andesite fragments and gradational contacts.														
186.6	187.6	FAULT ZONE Moderate broken core intensity and low foliation intensity, dip=15 deg. Quartz calcite veining @ 80%.														
187.6	195.2	ANDESITE Flow breccia.														

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
195.2	203.0	ANDESITE Agglomerate, debris flow with low epidote alteration and 4cm andesite (95%) and 1cm felsic (2%) fragments.																		
203.0	208.3	ANDESITE Flow breccia with epidote alteration.																		
208.3	212.1	ANDESITE Agglomerate lapilli with felsic clasts.																		
212.1	218.9	MAFIC DYKE Amygdular with lower contact 20 degrees to the core axis.																		
218.9	224.6	ANDESITE Dark green flow with low epidote alteration.																		
224.6	229.4	ANDESITE Feldspar porphyritic massive andesite dyke, medium grey. Upper contact 45 degrees to the core axis and lower contact 80 degrees to the core axis.	916	228.5	305.4	76.9														
229.4	305.4	ANDESITE Flow breccia with various phases of footwall andesite. 247.5 249.0 MAFIC DYKE light grey. EOH.																		

Drill Hole: PR116
EOH: 533.4
Location: THELWOOD VALLEY

WESTMIN RESOURCES LIMITED
MYRA FALLS OPERATION
DIAMOND DRILL RECORD SHEET

Northing: 4366.0
Easting: 5572.5
Elevation: 3270.0

Collar Azi: 280.0
Collar Dip: -71.0

DIP TESTS
DEPTH DIP
NONE

TROPARI TESTS
DEPTH AZIMUTH DIP
0 280 -71
92.96m 280 -70.5
153.92m 280 -71
231.65m 279 -71.5
309.37m 280 -72.5

COMMENTS

Core Size: NQ
Drill Type: 37A

Logged by: J.H. and G.D.
Date: MARCH 5/95

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %
.0	6.1	OVERBURDEN												
6.1	35.1	INTERMEDIATE INTRUSIVE Dyke or sill, light to medium green with epidote alteration. 12.6 13.7 Light grey highly silicified alteration zone. 13.5 15.0 Broken core. 21.0 21.7 Broken core.												
35.1	44.6	ANDESITE Light to dark green zone of epidote altered and disrupted siltstone-wacke. Contorted. 43.4 44.0 Fault zone. Narrow sharp fault ca/05 deg with quartz vein broken along its length-open structure, H20 bearing.												
44.6	50.6	ANDESITE Light green siliceous siltstone, bedding angle=45 deg.												
50.6	54.0	ANDESITE Medium to dark green pebble-conglomerate/wacke with low epidote alteration. 50.6 51.5 Fault zone Shear dip=5 degrees, in part gouge filled, in part open fracture.												
54.0	85.3	ANDESITE Dark green intermediate with low epidote alteration. Wide sill with dark green phenocrysts and very fine feldspar. Unit contains numerous xenoliths of altered wacke and siltstone. 55.9 60.7 Fault zone. Bleached and altered fault, minor hematite, and 5% quartz veining. Shear dip=10 deg., 1% gouge. 61.5 62.2 Fault zone. Light to moderate bleaching with 5% quartz veining, shear dip=15 deg., and 3% gouge.												
85.3	92.2	ANDESITE Medium green wacke/siltstone, well-sorted, normally graded. Gradational lower contact.												

AVERAGES	LEN (m)	AU	AG	CU	PB	ZN
%						

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
		Bedding angle=65 deg with very disrupted bedding above and below sill body at 54-85.																		
92.2	111.1	ANDESITE Light to moderate green andesite with low epidote alteration. Bedding angle=70 deg. 94.4 95.0 Broken core. Shear dip=20 deg. 109.6 111.1 Moderate hematite alteration.																		
111.1	114.2	RHYOLITE/ANDESITE Tuff, transition with unit above and rhyolite below.																		
114.2	117.3	RHYOLITE Light grey-green tuff.																		
117.3	118.9	CHERT Light green to white banded chert.																		
118.9	130.7	ANDESITE/DACITE Light to medium grey lapilli tuff. Coarsening upwards overall, fining upwards individual beds, normally graded. Tuff is well sorted, sub-angular 3cm andesite (50%) clasts and sub-rounded 5cm dacite (50%) clasts. Bedding angle=45 degrees.																		
130.7	134.3	ANDESITE Light to dark green lapilli tuff with epidote alteration and sub-angular 2cm andesite (100%) fragments. Andesite breccia-tuff in part pyroclastic, in part sedimentary.																		
134.3	138.9	ANDESITE/DACITE Lapilli tuff as in 118.91-130.73 unit above.																		
138.9	142.6	ANDESITE/DACITE Light grey-green coarse to fine lapilli tuff, bedding angle=45 degrees.																		
142.6	150.9	ANDESITE Coarse to fine light to medium green andesite lapilli tuff with subrounded andesite clasts. 149.7 150.9 Fault zone. Low broken core intensity with shear dip=20 degrees.																		
150.9	152.0	DACITE/ANDESITE Lapilli tuff, top of DCm5 unit containing some rhyolite clasts.																		
152.0	164.7	DACITE/ANDESITE Fine to coarse lapilli tuff, medium grey-green with low hematite alteration. Well-sorted, bedded with bedding angle=55 degrees. Generally fines upward.																		

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU AG CU PB ZN
164.7	168.3	FELDSPAR PHYRIC ANDESITE Lapilli tuff agglomerate, light to moderate green with low epidote alteration. Poorly sorted brecciated flow or debris flow deposit. Variable size sub-angular andesite (90%) and 2cm feldspar (5%) fragments.														
168.3	187.1	FELDSPAR PHYRIC DACITE Intermediate brecciated feldspar porphyry sill or flow, dark-medium grey with low to moderate bleaching. FXPH 10% @ .25cm. 177.7 180.6 Broken core.														
187.1	190.8	RHYOLITE Light grey lapilli tuff. Bedding angle=75 degrees, inverse grading-possible pyroclastic deposit.														
190.8	196.6	FELDSPAR PHYRIC DACITE Intermediate breccia, light grey.														
196.6	206.7	RHYOLITE/ANDESITE Fine to coarse lapilli tuff, medium grey. Moderately well-sorted and bedded with angle of 45 degrees. 4% Fine grain disseminated Pyrite.	00001	196.6	206.7	10.1	4									
206.7	212.2	FELDSPAR PHYRIC DACITE INTERMEDIATE INTRUSIVE breccia rhyolite, light to dark grey.														
212.2	220.2	DACITE/ANDESITE Coarse to fine lapilli tuff, light to medium grey. Well sorted, poorly to moderately bedded-volcaniclastic. 220.0 220.2 Quartz calcite veining.														
220.2	226.5	FELDSPAR PHYRIC ANDESITE Lapilli tuff, sub-angular 1cm andesite and sub-rounded .7cm feldspar fragments. 224.6 225.5 Fault zone. 80% quartz-calcite veining, low to moderate broken core intensity. Lower contact 45 degrees to the core axis.														
226.5	248.6	RHYODACITE Fine to coarse tuff. Moderate well bedded, well sorted, rhyolite epiclastics and wacke to chert beds. .5% Fine grain disseminated Pyrite and .1% medium grain disseminated Sphalerite.	002	226.5	248.6	22.1	1 0									
248.6	256.3	RHYOLITE Flow breccia, lapilli tuff.														
256.3	277.1	FELDSPAR PHYRIC DACITE														

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY CPY SPH GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
		Flow breccia. 269.1 271.6 Fault zone. Low to moderate broken core with shear dip=40 degrees and 40 % quartz-calcite veining and 1% gouge. 274.7 276.1 Broken core. Low broken core intensity, shear dip=40, with quartz veining and 1% gouge.																		
277.1	289.2	ANDESITE/DACITE Medium grey-green fine lapilli tuff. Well sorted, thick bedded mixed volcaniclastic to pyroclastic.																		
289.2	300.4	DACITE/ANDESITE Medium to dark grey-green lapilli tuff. Poor-well sorted, non-bedded pyroclastic or debris flow. .5cm Sub-angular andesite (35%) and 3cm sub-rounded dacite (45%).																		
300.4	305.1	INTERMEDIATE INTRUSIVE Fine grain medium grey intermediate dyke or sill. 300.4 301.4 Fault zone. 10% quartz veining, shear dip=5 degrees with lower contact 25 degrees to the core axis and 2% gouge.																		
305.1	305.7	DACITE/ANDESITE Dacite andesite feldspar, lapilli tuff upper contact 25 degrees to the core axis and lower contact 25 degrees to the core axis.																		
305.7	307.9	INTERMEDIATE INTRUSIVE Intermediate dyke.																		
307.9	311.1	DACITE/ANDESITE Lapilli tuff.																		
311.1	355.1	INTERMEDIATE INTRUSIVE Medium grey, fine grain intermediate sill or dyke with chloritic filled vesicles in places. 341.0 342.4 Fault zone. Significant gouge (50%) filled fault, with high foliation intensity (fol. Dip=30 deg.). Shear dip=30 degrees. 342.4 350.4 Broken core. Medium broken core intensity with a shear dip=20 degrees and 3% gouge.																		
355.1	409.9	MAFIC DYKE Massive sill, dark green with low epidote alteration. 357.6 358.4 Broken core low intensity, shear dip=5 degrees. 379.7 379.9 Fault zone. High broken core intensity, shear dip=25 degrees, 10% gouge. 384.3 388.3 Feldspar porphyritic section of sill. 403.8 410.6 Broken core low to high intensity, shear dip=30 degrees, 2% gouge, moderate bleaching.																		

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY	CPY	SPH	GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	AVERAGES LEN (m)	AU	AG	CU	PB	ZN
409.9	413.2	RHYOLITE Fine lapilli tuff, well sorted, non-bedded, pyroclastic deposit - rhyolitic vitric tuff.																					
413.2	414.8	RHYOLITE/ANDESITE Light grey lapilli tuff with sub-rounded 2cm rhyolite (80%) and 1cm andesite (10%) fragments. 3% Fine grain disseminated Pyrite, .5% medium grain disseminated Chalcopyrite. 1% Fine grain stringers of Sphalerite.	004	413.2	414.8	1.6	3	1	1														
414.8	438.7	RHYOLITE Flow breccia, with minor chert horizons. 416.4 417.5 MAFIC DYKE dark green. 418.9 433.6 Broken core, Wide zone of weak rock with moderate broken core intensity, shear dip=45 degrees, and 1% gouge. 424.3 430.3 ULTRAMAFIC dyke with upper contact 20 degrees to the core axis. 429.0 430.7 ULTRAMAFIC dyke. 436.8 438.2 ULTRAMAFIC dyke. 438.2 441.4 MAFIC DYKE. 438.4 438.7 RHYOLITE Sulphide, xenolith of mineralized rhyolite lapilli tuff in mafic rock. 3% Fine grain disseminated Pyrite, .1% fine grain disseminated Chalcopyrite and 1% fine grain disseminated Sphalerite.	005	438.4	438.7	.3	3	0	1														
438.7	444.0	RHYOLITE Agglomerate lapilli tuff, light to medium green with 1% fine grain wispy Pyrite, .1% fine grain disseminated Chalcopyrite and 1% fine grain disseminated Sphalerite. 442.5 442.7 MAFIC DYKE.	006	438.7	444.0	5.3	1	0	1														
444.0	447.4	RHYOLITE Lap tuff agglomerate with sulphides, 5% medium grain wispy Pyrite, 1% coarse grain interstitual Chalcopyrite and 1% fine grain patchy Sphalerite.	007	444.0	447.4	3.4	5	1	1														
447.4	450.8	SEMI-MASSIVE SULPHIDES Lapilli stringer zone with 15% fine grain patchy Pyrite, 2% coarse grain interstitual Chalcopyrite and 5% fine grain pervasive Sphalerite.	008	447.4	450.8	3.4	15	2	5														
450.8	452.8	MASSIVE SULPHIDES 5% Fine grain massive Pyrite, 8% fine grain massive Chalcopyrite and 1% fine grain disseminated Sphalerite.	009	450.8	452.8	2.0	45	8	1														
452.8	454.1	RHYOLITE/ANDESITE Lapilli tuff, upper contact 30 degrees to the core axis and lower contact 35 degrees to the core axis. Transition zone with mixed rhyolite-sulphides and andesite breccia fragments. 1%	010	452.8	454.1	1.3	1	0															

From (m)	To (m)	DESCRIPTION	SAMPLE NUMBER	From (m)	To (m)	Len (m)	MIN. % PY	CPY	SPH	GAL	AU g/t	AG g/t	CU %	PB %	ZN %	BA %	FE %	LEN (m)	AVERAGES % AU	AG	CU	PB	ZN
		fine grain disseminated Pyrite,.																					
		.3% Fine grain patchy Sphalerite.																					
454.1	466.3	ANDESITE																					
		Intercolated, 50% dykes that cut the massive sulphides and the	011	454.1	466.3	12.2	1	0	1														
		underlying mixed zone.	917	.0	46.5	46.5																	
		Medium green dike and flow breccia. 1% fine grain patchy Pyrite,	918	46.5	100.0	53.5																	
		.1% Fine grain Chalcopyrite as breccia fragments and 1% fine	919	100.0	123.5	23.5																	
		grain Sphalerite as stringers.	920	123.5	193.0	69.5																	
			921	193.0	201.9	8.9																	
			922	201.9	202.7	.8					.50	16.00	.15	.25	1.90	.30	3.05						
			923	202.7	203.6	.9					.70	12.00	.10	.15	1.10	.40	2.75						
			924	203.6	270.5	66.9																	
			925	270.5	303.7	33.2																	
			926	303.7	350.5	46.8																	
			927	350.5	413.2	62.7																	
			928	413.2	414.8	1.6					1.10	58.30	.75	.35	3.95	1.90	3.90						
			929	414.8	424.0	9.2																	
			930	424.0	433.4	9.4																	
			931	433.4	433.7	.3					1.20	25.60	1.20	.25	4.30	.40	9.20						
			932	433.7	441.4	7.7																	
			933	441.4	442.5	1.1					.10	6.50	.10	.05	1.60	1.00	2.90						
			934	442.5	444.0	1.5																	
			935	444.0	445.1	1.1					1.60	41.50	3.15	.20	1.35	.80	11.00						
			936	445.1	445.7	.6					6.80	71.60	3.75	.15	.65	1.60	28.20						
			937	445.7	446.5	.8					.90	27.50	.95	.25	1.45	1.60	6.45						
			938	446.5	447.4	.9					2.00	48.30	1.45	.60	4.40	4.80	10.10						
			939	447.4	448.6	1.2					3.60	88.50	3.40	.50	3.80	5.00	19.50						
			940	448.6	449.6	1.0					2.60	85.50	2.30	.90	7.05	13.30	12.20						
			941	449.6	450.8	1.2					4.90	91.20	3.40	.50	7.55	6.10	20.90						
			942	450.8	451.8	1.0					8.00	105.50	6.85	.05	.95	.10	35.75						
			943	451.8	452.8	1.0					6.60	139.90	7.50	.05	.30	.20	34.60						
			944	452.8	454.0	1.2					.30	6.10	.30	.10	1.60	.80	3.60						
			945	454.0	465.8	11.8																	
		464.6 465.1 Fault zone with 30% quartz veining and high broken	946	465.8	466.3	.5					.60	15.40	.70	.20	1.20	.90	5.75						
		core intensity with shear dip=30 degrees, and 70%																					
		gouge.																					
466.3	468.5	RHYOLITE																					
		Clastic sulphides and rhyolite chert, lapilli agglomerate tuff.	948	466.3	468.3	2.0					1.60	33.00	1.35	.25	3.45	.90	9.25						
		Light grey with sub-rounded 4cm rhyolite (50%) and variable	949	468.3	533.4	65.1																	
		size sulphide (50%) fragments.																					
468.5	533.4	ANDESITE																					
		Medium to dark green flow breccia with low epidote alteration.																					
		Massive fine grain andesite and feldspar porphyry.																					
		486.0 499.5 Porphyritic section of footwall.																					
		EOH.																					

LOGISTICAL REPORT

SURFACE AND DOWNHOLE

INDUCED POLARIZATION/RESISTIVITY SURVEYS

THELWOOD CREEK AREA

MYRA FALLS, B.C.

on behalf of

MYRA FALLS OPERATIONS
WESTMIN RESOURCES LTD.
P.O. Box 8000,
Campbell River, B.C., V9W 5E2

Field work completed: December 6 to 17, 1994

by

Jim Hawkins, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C., V6R 2X3

December 21, 1994

TABLE OF CONTENTS

APPENDIX

Maps included with report
(copies)

Maps accompanying report
(originals, reproducible vellums, two blackline copies)

Additional materials - one copy only

1. INTRODUCTION

Surface and downhole induced polarization/resistivity surveys (IP surveys) were performed in the Thelwood Creek Area, Myra Falls, B.C. during the period December 6 to 17, 1994. The survey was conducted by Scott Geophysics Ltd. on behalf of Westmin Resources Ltd.

Six surface lines in the Thelwood Creek Area were surveyed with a pole-dipole array, using an "a" spacing of 50 metres and "n" spacings of 1 to 12. Four drillholes were also surveyed, three with detail and directional arrays and one with a "hole to hole" method.

This report describes the instrumentation and procedures, and presents the results of the survey.

2. SURVEY LOCATION AND COVERAGE

The Thelwood Creek Area is located approximately 10 kilometers east of the Myra Falls operation of Westmin Resources, about 90 kilometers southwest of Campbell River, B.C. Access to the property is via the Western Mine Road, and locally on the Price Creek and Jim Mitchell trails.

A total of 6.0 line kilometers of surface IP survey were completed in the Thelwood Creek Area. Five lines were surveyed from the north to the south, with one additional cross line surveyed from east to west. The IP coverage on a given survey line is defined as the distance between the outermost electrodes on that line.

Three drillholes were surveyed with the detail and directional arrays for a total of 935 meters (detail) and 852 meters (directional - x 8 current electrodes) logged. A further drillhole was logged with a current in an adjacent drillhole at three seperate depths for a total of 428 meters. The downhole coverage of a given drillhole is defined as the distance between the uppermost and lowermost data plotting points, and as a result will vary according to the type of array used. An applied counter calibration factor results in the data plotting points being shifted off the even depth points.

3. PERSONNEL

Jim Hawkins, Geophysicist, was the party chief on the survey, on behalf of Scott Geophysics.

Steve Juras, Geologist, was the Westmin Resources representative for the survey.

4. INSTRUMENTATION

A Scintrex IPR12 receiver and TSQ4 (10 kw) transmitter were used on the IP survey (a Scintrex 25w transmitter was used for the downhole detail array). Readings were taken in the time domain using a 2 second current pulse.

The chargeability plotted on the accompanying pseudosections and logs is for the interval 690 to 1050 milliseconds after shutoff (midpoint at 870 milliseconds).

5. DISCUSSION AND RECOMMENDATIONS

SURFACE SURVEY

The Chargeability pseudosections of the five north-south lines are characterized by low values (1 to 2 mV/V) on the north ends, increasing to moderate values (7 to 9 mV/V) to the south. The south end of Line 5700E is quite noisy, probably due to the mine's power transmission lines where they enter the adit. The Resistivity pseudosections show a more or less direct correlation between higher chargeability values and higher resistivity values, generally increasing to the south. The Resistivity pseudosections also show more subtle anomalies that would have to be correlated with known geology before anything further can be inferred.

The one east-west line shows a slight increase in chargeability values as you go west, but has a much stronger resistivity anomaly on the western end (just east of the Jim Mitchell Road). This is likely due to a north-south trending fault that was also inferred from the geology.

DOWNHOLE SURVEY

NOTE: When referring to direction, N/S is parallel to the Price Creek Road, and E/W is perpendicular to it. It is not directly related to either true north or grid north (See survey line plan map, delivered seperately).

PR-113 Small anomaly equally present on all directional electrodes (and detail log) at approximately 330 m depth. A broad band of anomalies (possibly three seperate levels) from approximately 90 to 200 m depth is present on all electode logs. The uppermost anomaly at about 110 m depth is slightly stronger on the 200 S electrode.

PR-114 Two broad anomalies, from 125 m to 170 m and from 170 m to 215 m depth are present on all electrodes, but are stronger and better defined to the south and east.

PR-115 A very strong anomaly centred at approximately 130 m depth is present on the 200 W log, with little or no north/south component to the anomaly. Another anomaly at about the 90 m depth shows up on the 200 S log.

PR-111 (Hole to Hole) The results from this survey are harder to interpret, but generally speaking, the mineralized zones in PR-101 seem to be connected to the corresponding zones in PR-111, but also connect (at least electrically speaking) to all other mineralized zones. The disseminated sulphides at the 402 m depth in PR-101 in particular seem to have strong cross-connections. This could be the result of mineralized faults cutting the different zones and creating "electrical connections".

A detailed interpretation of these geophysical survey results, and correlation to geological and geochemical information, is required before any further recommendations could be made.

Respectfully submitted,

Jim Hawkins

Jim Hawkins, P. Geoph.

Statement of Qualifications

for

Jim Hawkins, Geophysicist

of

762 Dehart Road
Kelowna, B.C. V1Y 8R3

I, Jim Hawkins, hereby certify the following statements regarding my qualifications, and my involvement in the program of work described in this report.

1. The work was performed by individuals sufficiently trained and qualified for its performance.

2. I have no material interest in the property under consideration in this report, nor in the company on whose behalf the work was performed.

3. I graduated from the University of Western Ontario with a Bachelor of Science degree (Geophysics) in 1977.

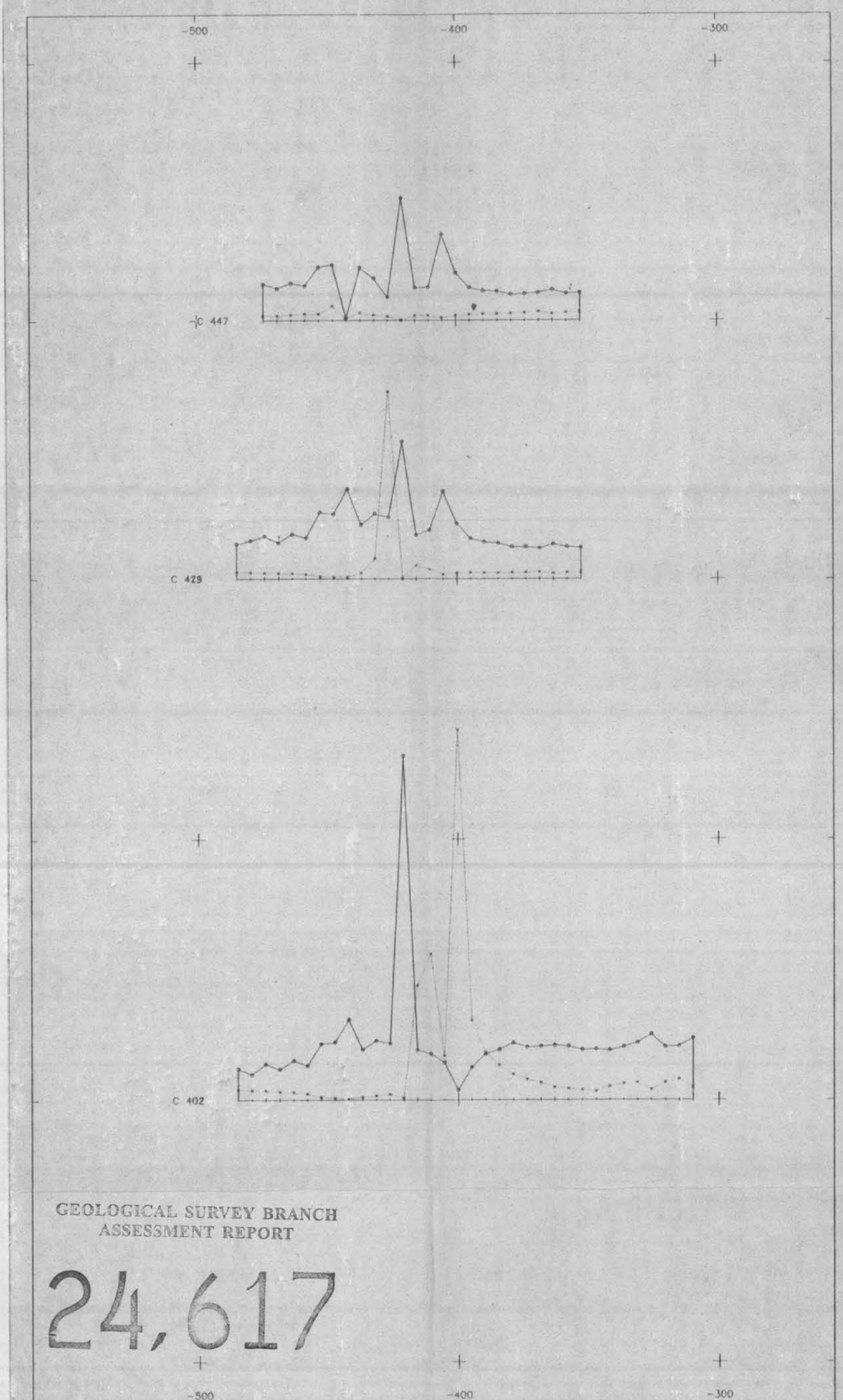
4. I am a licensee of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta (P. Geoph.).

5. I have been practicing my profession as a Geophysicist since 1977.

Respectfully submitted,

Jim Hawkins

Jim Hawkins, P. Geoph.



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,617

receiver: Scintrex IPR12
pulse time: 2 seconds
Mx window: 690-1050 msecs

transmitter: Scintrex 25 watt
array: vertical pole dipole
a spacing: 5 meters
C1 (near current): adjacent hole
C2 (far current): > 800 m from collar

plot 1: C in PR-101 at 447m
plot 2: C in PR-101 at 429m
plot 3: C in PR-101 at 402m

o——o: chargeability
scale: 10 mV/volt (per cm)

x — x: resistivity
scale: 500 ohm m (per cm)

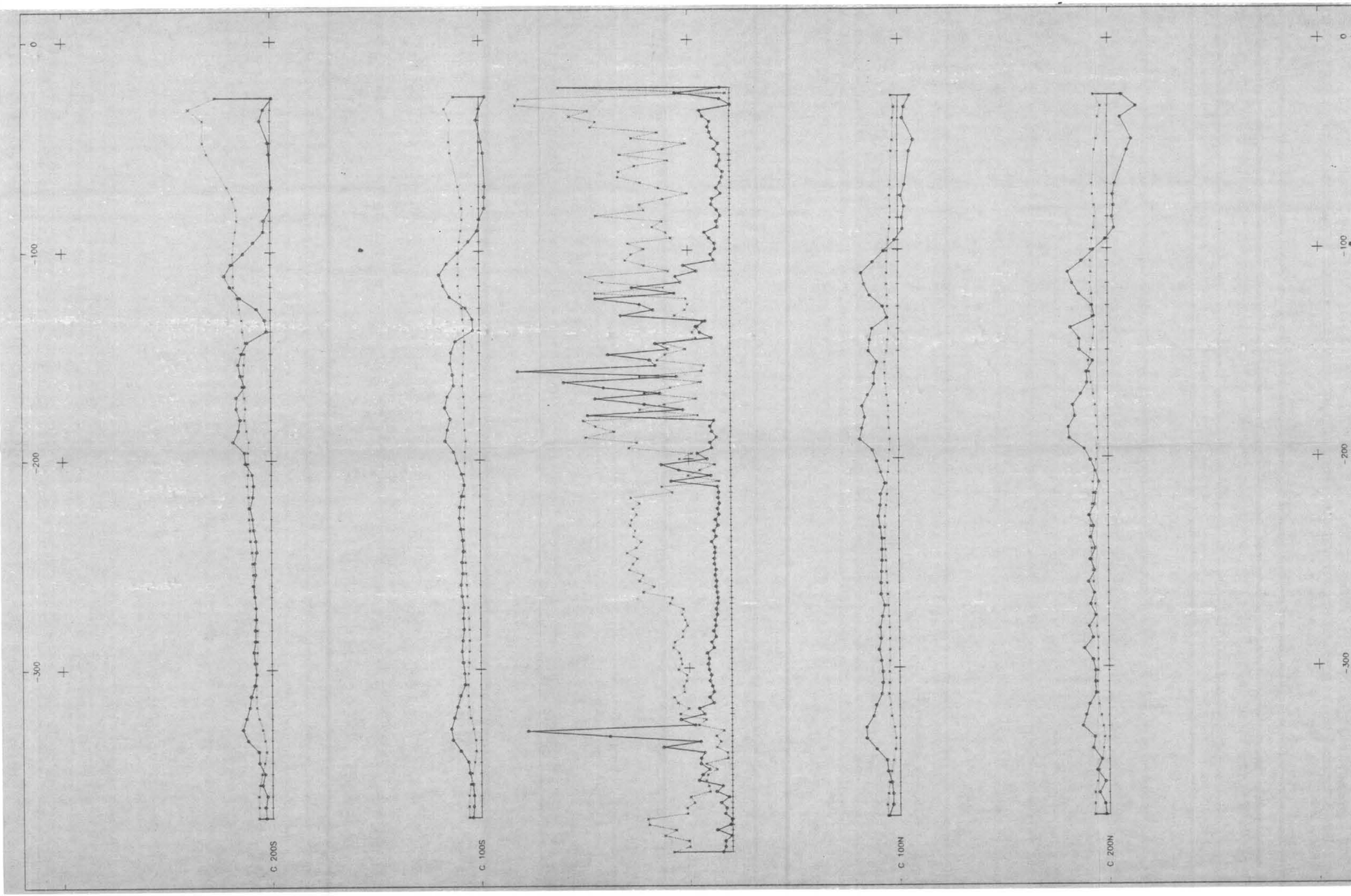
positive: to left of graph

0 25 50 75 100
METERS

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA
MYRA FALLS B.C.
DOWNHOLE IP SURVEY
DRILL HOLE: PR-111
CURRENT ELECTRODES IN PR-101

DRAWN BY: SCOTT GEOPHYSICS LTD.
DATE: 94.12.16



receiver	Scintrex IPR12
pulse time	2 seconds
Mx window	690-1050 msecs
Detail Array:	
transmitter	Scintrex 25 watt
array	pole pole
a spacing	2.5 meters
C1 (near current)	middle of array
C2 (far current)	> 200 m from collar
Directional Array:	
transmitter	Scintrex TS04 (10 kw)
array	axial gradient
a spacing	20 meters
C2 (far current)	>1500 m from collar
C1 (grid coordinates wrt collar):	
C 200S (E, N)	0, -200
C 100S (E, N)	0, -100
C 0 2.5 detail	
C 100N (E, N)	0, 100
C 200N (E, N)	0, 200
o——o	chargeability
scale	10 mV/volt (per cm)
x - x	resistivity
scale	500 ohm m (per cm)
positive	to left of graph

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,617

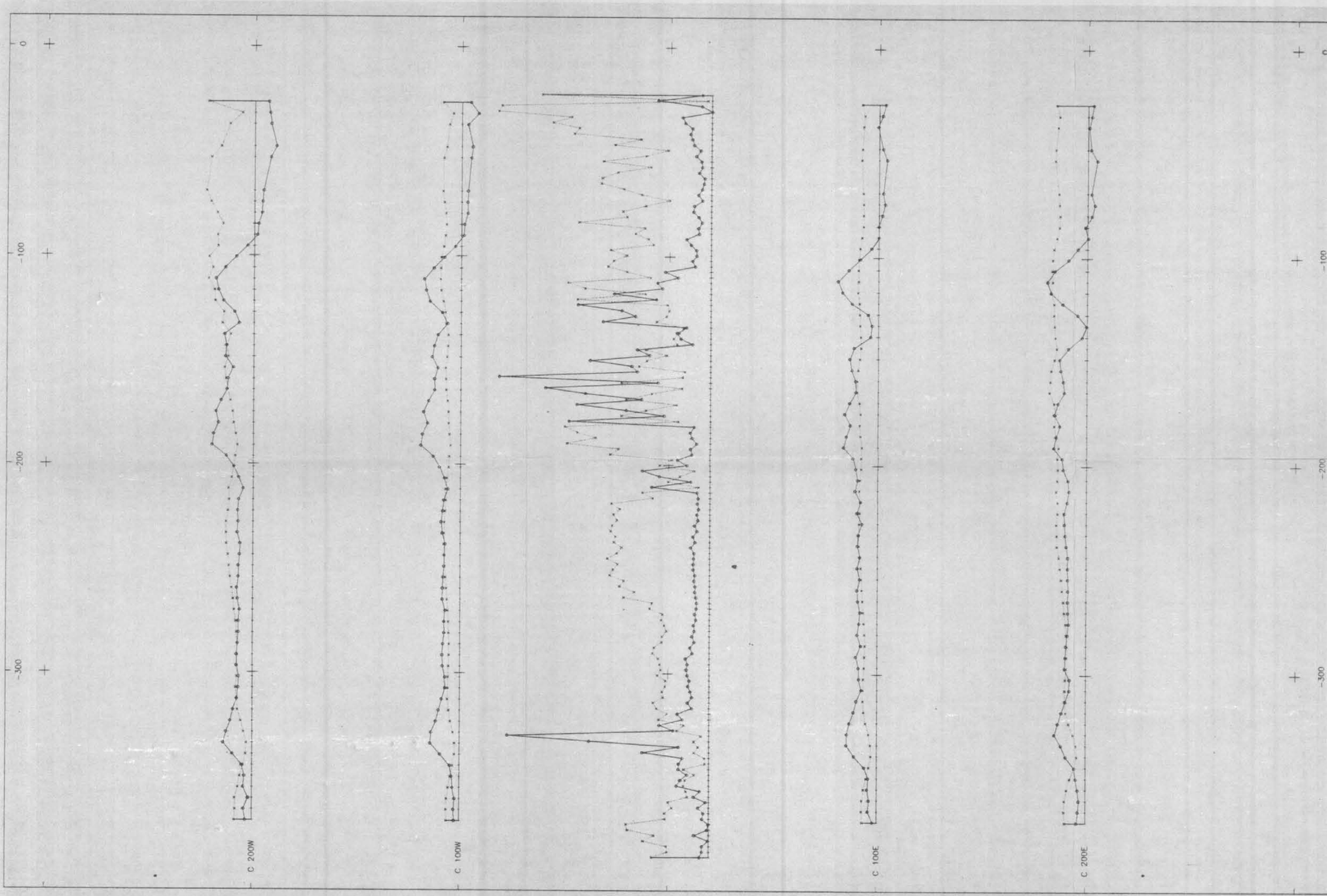
0 25 50 75 100
METERS

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA

MYRA FALLS B.C.
DOWNHOLE IP SURVEY
DRILL HOLE: PR-113 (N/S SECTION)

DRAWN BY:	DATE: 94.12.15
SCOTT GEOPHYSICS LTD.	



receiver	Scintrex IPR12
pulse time	2 seconds
Mx window	690-1050 msecs
Detail Array:	
transmitter	Scintrex 25 watt
array	pole pole
a spacing	2.5 meters
C1 (near current)	middle of array
C2 (far current)	> 200 m from collar
Directional Array:	
transmitter	Scintrex TSQ4 (10 kw)
array	axial gradient
a spacing	20 meters
C2 (far current)	>1500 m from collar
C1 (grid coordinates wrt collar):	
C 200W (E, N)	0, -200
C 100W (E, N)	0, -100
C 0 2.5 detail	
C 100E (E, N)	0, 100
C 200E (E, N)	0, 200
o---o	chargeability
scale	10 mV/volt (per cm)
x - x	resistivity
scale	500 ohm m (per cm)
positive	to left of graph

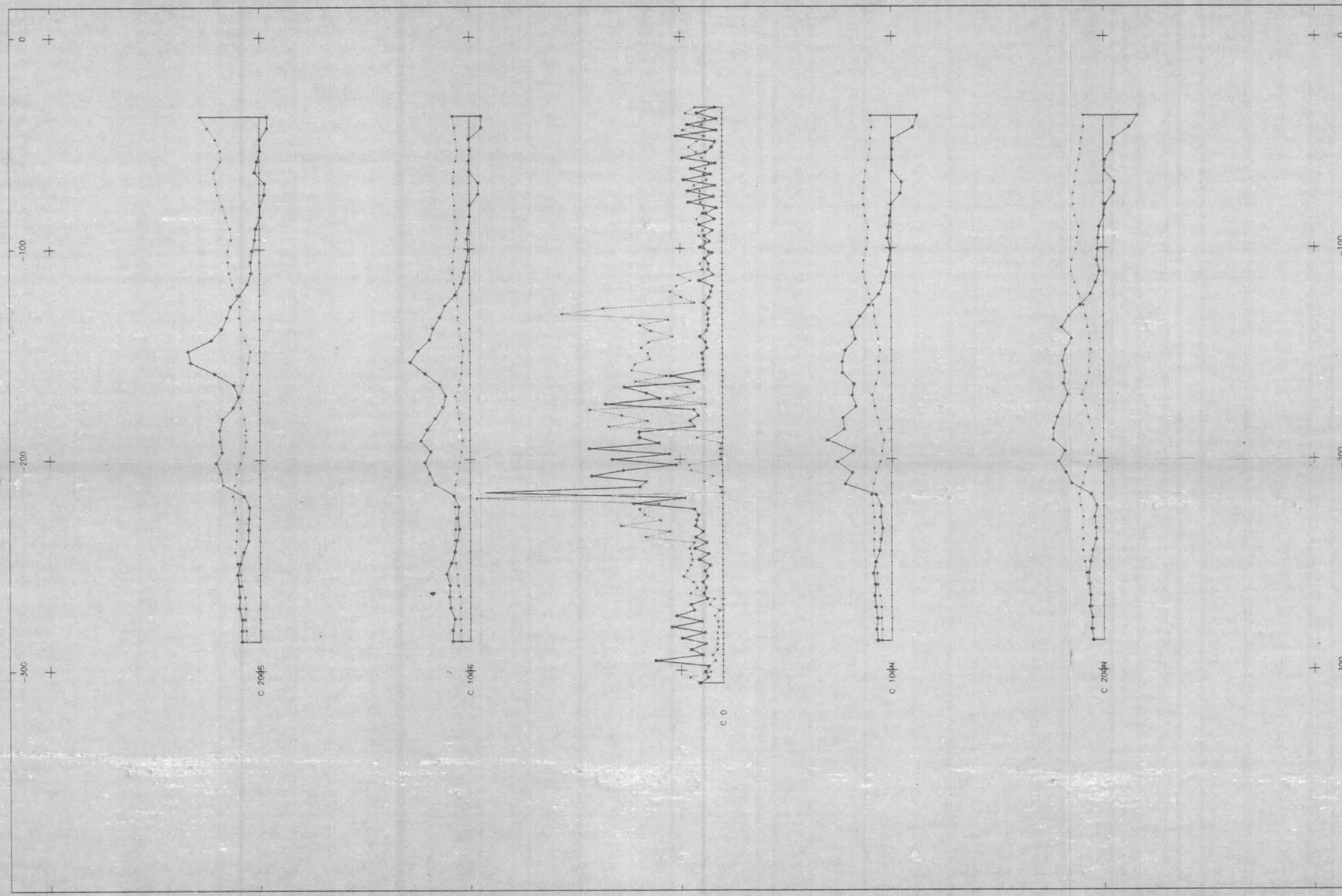
0 25 50 75 100
METERS

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA

MYRA FALLS B.C.
DOWNHOLE IP SURVEY
DRILL HOLE: PR-113 (E/W SECTION)

DRAWN BY:	DATE: 94.12.15
SCOTT GEOPHYSICS LTD.	



receiver	Scintrex IPR12
pulse time	2 seconds
Mx window	690-1050 msecs
Detail Array:	
transmitter	Scintrex 25 watt
array	pole pole
a spacing	2.5 meters
C1 (near current)	middle of array
C2 (far current)	> 200 m from collar
Directional Array:	
transmitter	Scintrex TS04 (10 kw)
array	axial gradient
a spacing	20 meters
C2 (far current)	>1500 m from collar
C1 (grid coordinates wrt collar)	
C 200S (E, N)	0, -200
C 100S (E, N)	0, -100
C 0 2.5 detail	
C 100N (E, N)	0, 100
C 200N (E, N)	0, 200
o---o	chargeability
scale	10 mV/volt (per cm)
x - x	resistivity
scale	500 ohm m (per cm)
positive	to left of graph

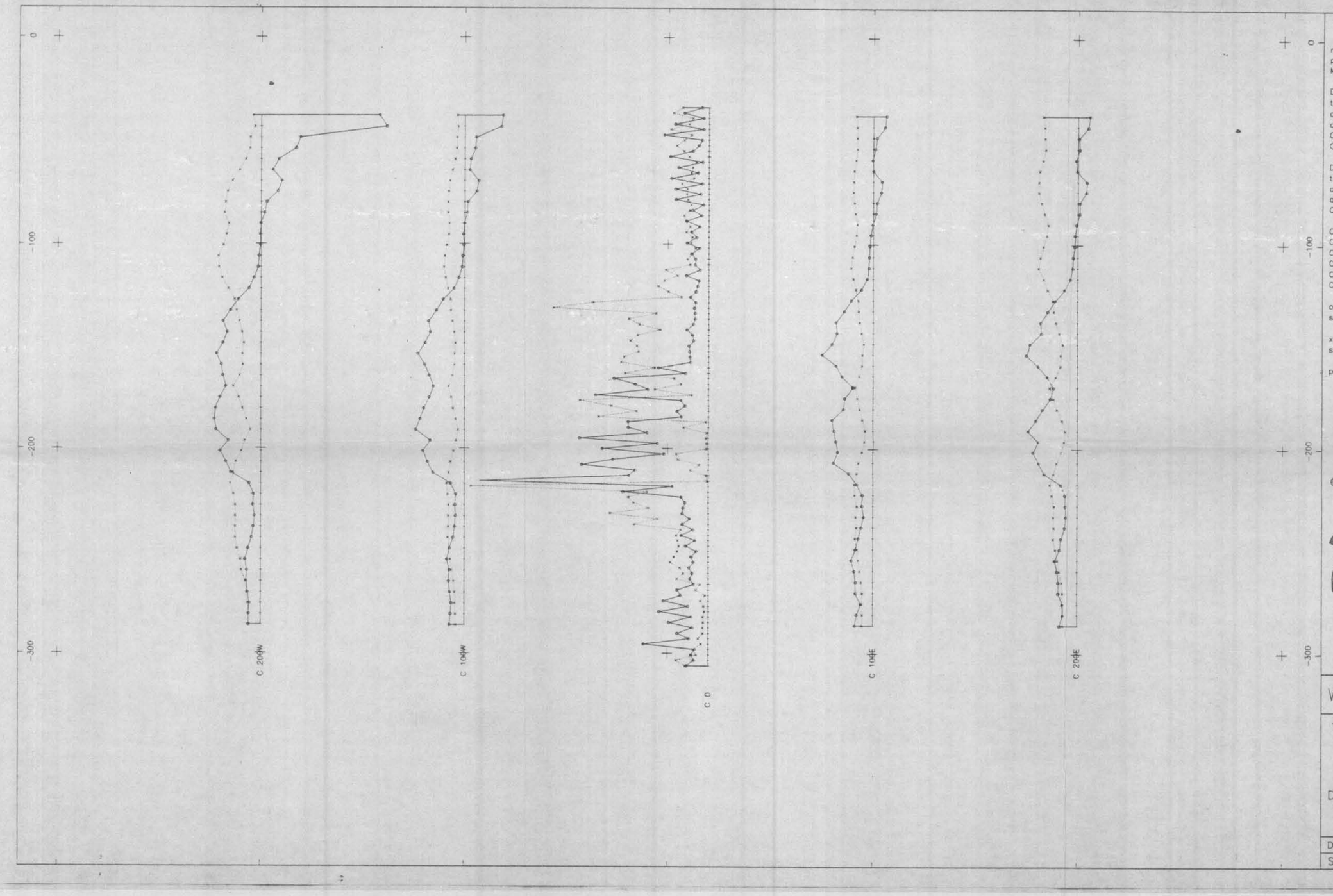
0 25 50 75 100
METERS

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA

MYRA FALLS B.C.
DOWNHOLE IP SURVEY
DRILL HOLE: PR-114 (N/S SECTION)

DRAWN BY:	DATE: 94.12.15
SCOTT GEOPHYSICS LTD.	



receiver	Scintrex IPR12
pulse time	2 seconds
Mx window	690-1050 msecs
Detail Array:	
transmitter	Scintrex 25 watt
array	pole pole
a spacing	2.5 meters
C1 (near current)	middle of array
C2 (far current)	> 200 m from collar
Directional Array:	
transmitter	Scintrex TS04 (10 kw)
array	axial gradient
a spacing	20 meters
C2 (far current)	>1500 m from collar
C1 (grid coordinates wrt collar):	
C 200W (E, N)	0, -200
C 100W (E, N)	0, -100
C 0 2.5 detail	
C 100E (E, N)	0, 100
C 200E (E, N)	0, 200
o---o	chargeability
scale	10 mV/volt (per cm)
x - x	resistivity
scale	500 ohm m (per cm)
positive	to left of graph

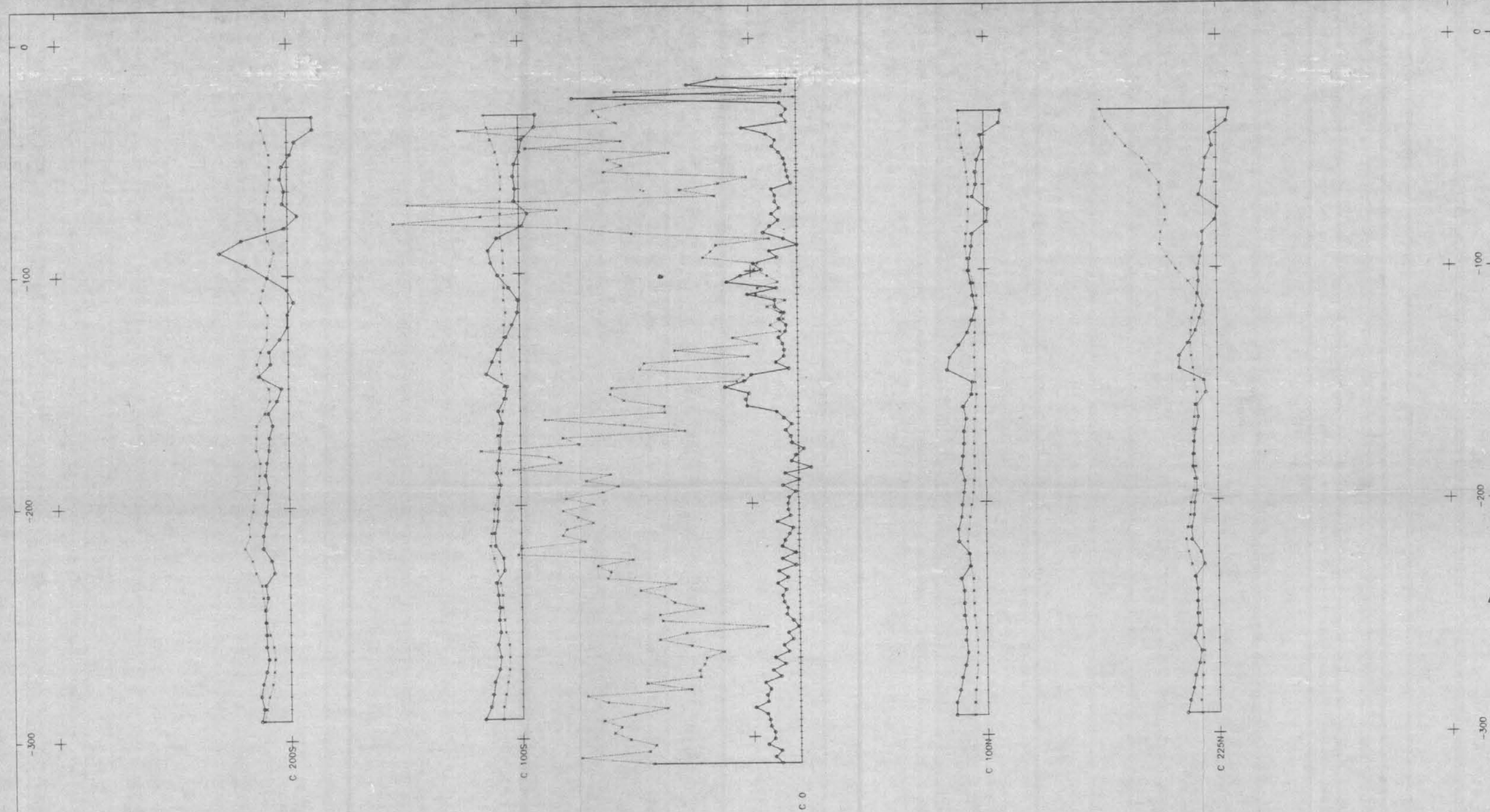
0 25 50 75 100
METERS

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA

MYRA FALLS B.C.
DOWNHOLE IP SURVEY
DRILL HOLE: PR-114 (E/W SECTION)

DRAWN BY:	DATE: 94.12.15
SCOTT GEOPHYSICS LTD.	



receiver	Scintrex IPR12
pulse time	2 seconds
Mx window	690–1050 msecs
Detail Array:	
transmitter	Scintrex 25 watt
array	pole pole
a spacing	2.5 meters
C1 (near current)	middle of array
C2 (far current)	> 200 m from collar
Directional Array:	
transmitter	Scintrex TS04 (10 kw)
array	axial gradient "
a spacing	20 meters
C2 (far current)	>1500 m from collar
C1 (grid coordinates wrt collar):	
C 200S (E, N)	0, -200
C 100S (E, N)	0, -100
C 0 2.5 detail	
C 100N (E, N)	0, 100
C 200N (E, N)	0, 200
o---o	chargeability
scale	10 mV/volt (per cm)
x - x	resistivity
scale	500 ohm m (per cm)
positive	to left of graph

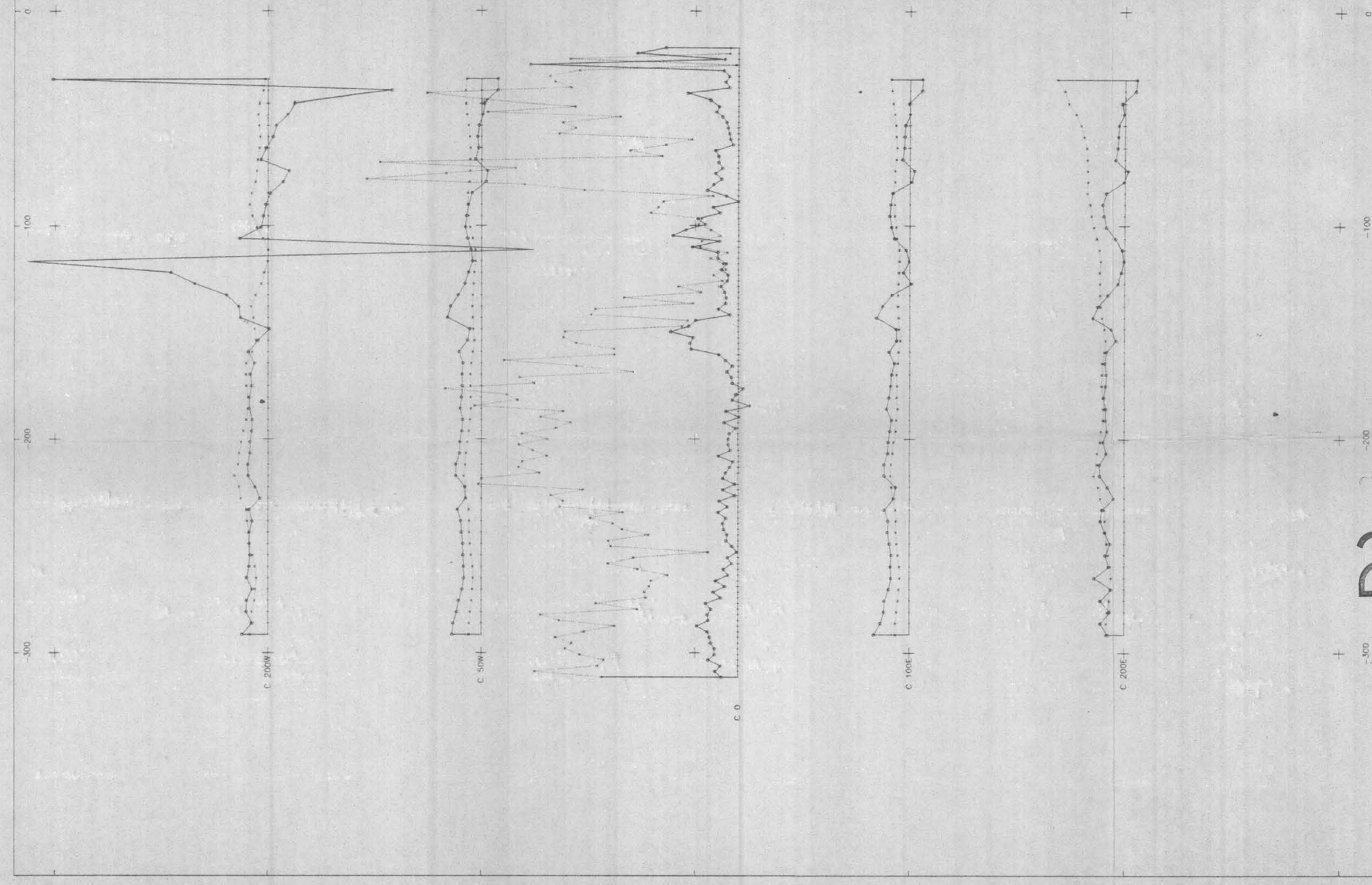
0 25 50 75 100
METERS

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA

MYRA FALLS B.C.
DOWNHOLE IP SURVEY
DRILL HOLE: PR-115 (N/S SECTION)

DRAWN BY:	DATE: 94.12.15
SCOTT GEOPHYSICS LTD.	



receiver	Scintrex IPR12
pulse time	2 seconds
Mx window	690–1050 msecs
Detail Array:	
transmitter	Scintrex 25 watt
array	pole pole
a spacing	2.5 meters
C1 (near current)	middle of array
C2 (far current)	> 200 m from collar
Directional Array:	
transmitter	Scintrex TSQ4 (10 kw)
array	axial gradient
a spacing	20 meters
C2 (far current)	>1500 m from collar
C1 (grid coordinates wrt collar)	
C 200W (E, N)	0, -200
C 100W (E, N)	0, -100
C 0 2.5 detail	
C 100E (E, N)	0, 100
C 200E (E, N)	0, 200
o---o	chargeability
scale	10 mV/volt (per cm)
x - x	resistivity
scale	500 ohm m (per cm)
positive	to left of graph

0 25 50 75 100
METERS

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA

MYRA FALLS B.C.
DOWNHOLE IP SURVEY
DRILL HOLE: PR-115 (E/W SECTION)

DRAWN BY:	DATE: 94.12.16
SCOTT GEOPHYSICS LTD.	

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

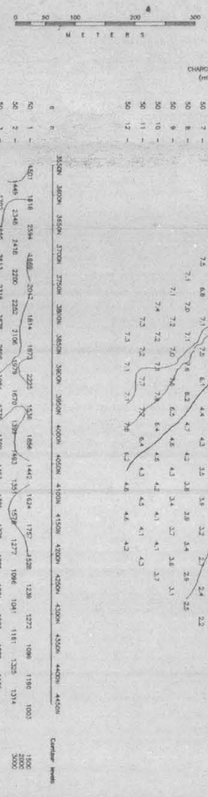
24,617

WESTMIN RESOURCES LIMITED

THELWOOD CREEK AREA, MYRA FALLS, B.C.

LINE: 6150E

INDUCED POLARIZATION SURVEY — Pole-Dipole Array
SCOTT GEOPHYSICS LTD. — Scintrex IPR-12
94/12/10 — Pulse Rate: 2 sec
Receiving electrodes south of current electrode (heading south)
Mx Chargeability - 690 to 1050 msec



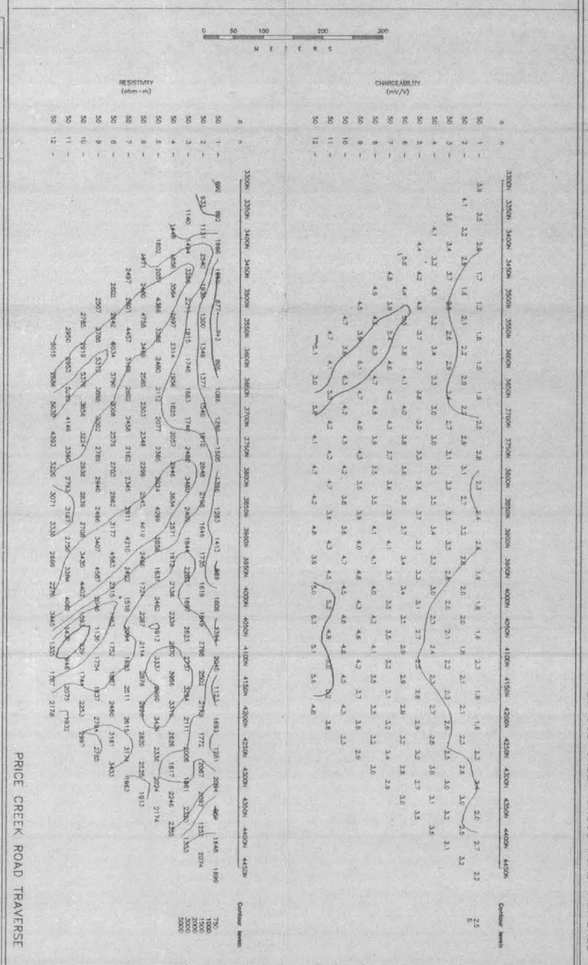
LINE: 6150E

WESTMIN RESOURCES LIMITED

THELWOOD CREEK AREA, MYRA FALLS, B.C.

PRICE CREEK ROAD TRAVERSE

INDUCED POLARIZATION SURVEY — Pole-Dipole Array
SCOTT GEOPHYSICS LTD. — Scintrex IPR-12
94/12/11 — Pulse Rate: 2 sec
Receiving electrodes south of current electrode (heading south)
Mx Chargeability - 690 to 1050 msec



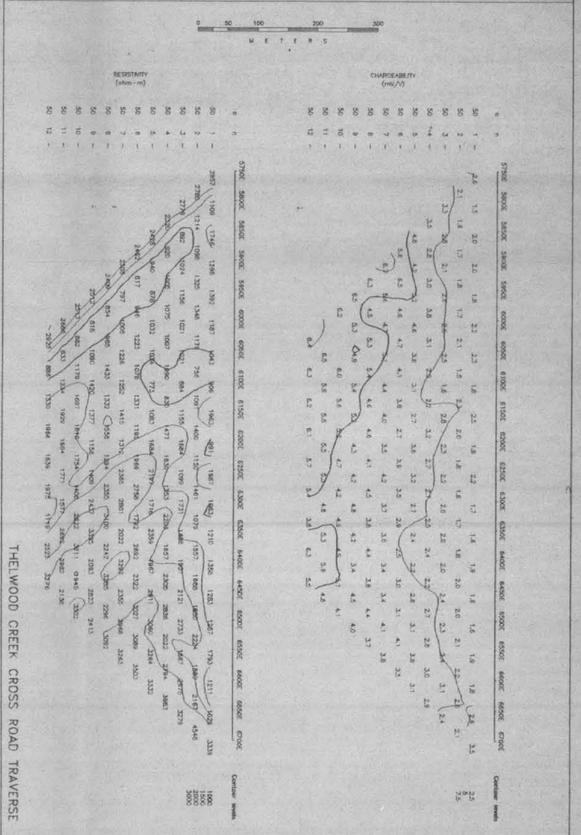
PRICE CREEK ROAD TRAVERSE

WESTMIN RESOURCES LIMITED

THELWOOD CREEK AREA, MYRA FALLS, B.C.

THELWOOD CREEK CROSS ROAD TRAVERSE

INDUCED POLARIZATION SURVEY — Pole-Dipole Array
SCOTT GEOPHYSICS LTD. — Scintrex IPR-12
94/12/12 — Pulse Rate: 2 sec
Receiving electrodes west of current electrode (heading west)
Mx Chargeability - 690 to 1050 msec



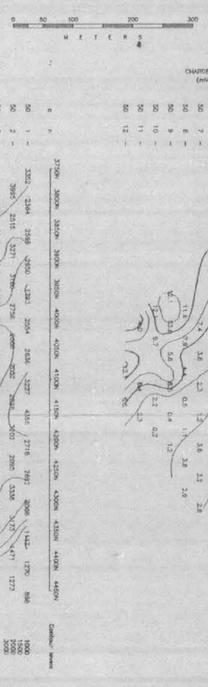
THELWOOD CREEK CROSS ROAD TRAVERSE

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA, MYRA FALLS, B.C.

LINE: 5700E

INDUCED POLARIZATION SURVEY — Pole-Dipole Array
SCOTT GEOPHYSICS LTD. — Scintrex IPR-12
94/12/07 — Pulse Rate: 2 sec
Receiving electrodes south of current electrode (heading south)
Mx Chargeability - 690 to 1050 msec



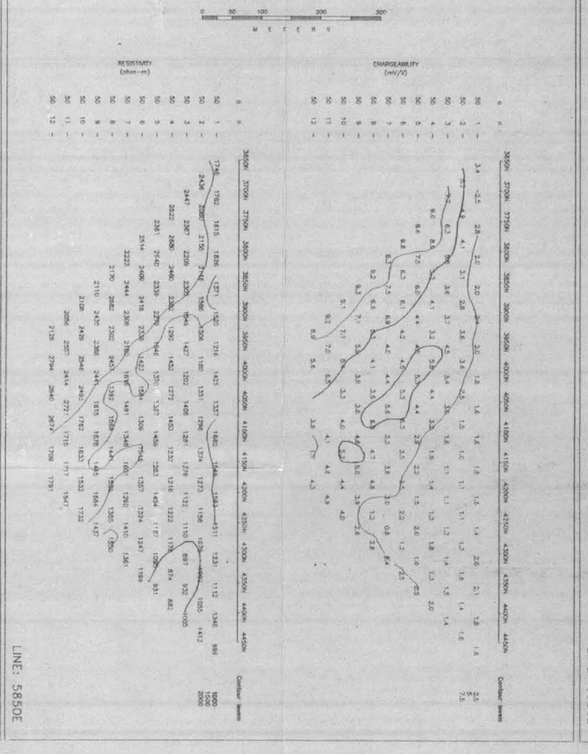
LINE: 5700E

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA, MYRA FALLS, B.C.

LINE: 5850E

INDUCED POLARIZATION SURVEY — Pole-Dipole Array
SCOTT GEOPHYSICS LTD. — Scintrex IPR-12
94/12/08 — Pulse Rate: 2 sec
Receiving electrodes south of current electrode (heading south)
Mx Chargeability - 690 to 1050 msec



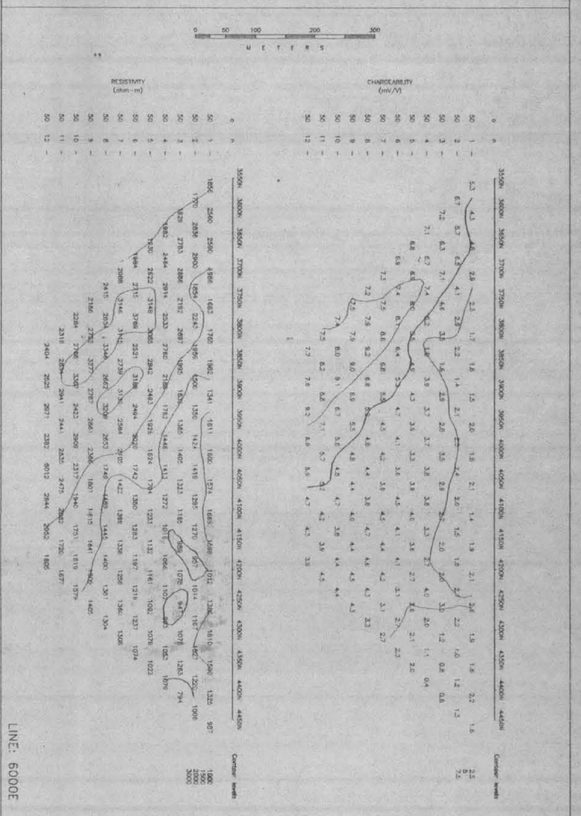
LINE: 5850E

WESTMIN RESOURCES LIMITED

THELWOOD CREEK AREA, MYRA FALLS, B.C.

LINE: 6000E

INDUCED POLARIZATION SURVEY — Pole-Dipole Array
SCOTT GEOPHYSICS LTD. — Scintrex IPR-12
94/12/09 — Pulse Rate: 2 sec
Receiving electrodes south of current electrode (heading south)
Mx Chargeability - 690 to 1050 msec



LINE: 6000E

WESTMIN RESOURCES LTD.

THELWOOD CREEK AREA
MYRA FALLS, B.C.
CHARGEABILITY/RESISTIVITY
PSEUDOSECTIONS
a=50 m / n=1-12

DRAWN BY: jph — DATE: Dec/94
SCOTT GEOPHYSICS LTD.