

MAP NO.: ASSESSMENT REPORT X
105 D 3 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092518
MINING DISTRICT: Whitehorse
TYPE OF WORK: DIAMOND DRILLING

REPORT FILED UNDER: J. R. Woodcock Consultants Ltd.

DATE PERFORMED: July 19 - August 14, 1988 DATE FILED: September 14, 1988

LOCATION: LAT.: 60°03'N AREA: MacAuley Creek

LONG.: 135°14'N VALUE \$: 35,000.00

CLAIM NAME & NO.: RIDGE 17 (Y67081, YA51954)

WORK DONE BY: J. R. Woodcock Consultants Ltd.

WORK DONE FOR: Adastral Resources Ltd.

DATE TO GOOD STANDING:

REMARKS: # 72 SHAW

In 1988, seven NQ holes were drilled totalling 380.9 m. The best gold and silver values in hole 7 came from a thin chalcedony vein in a thick zone of oxidized breccia and fault gouge. The vein assayed 74 g/t Ag and 1.9 g/t Au over 20 cm.

J. R. WOODCOCK CONSULTANTS LTD.

PROPERTY MacAuley Creek
 CLAIM No. Ridge 17
 COORDINATES _____
 ELEVATION 1901.5 m

HOLE No. 88-1
 BEARING 270°
 DIP +5
 LENGTH 104' (31.7 m)
 DIAMETER NQ

DRILLED BY E. Caron Drilling
 STARTED: July 19, 1988
 TERMINATED: July 21, 1988
 LOGGED BY: J. R. Woodcock and S. Dudka

FROM	TO	% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
					NO.	FROM	TO	Ag oz/ton	Au
0	3.83			GREY CRYSTAL LITHIC TUFF Scattered white and greenish crystals and crystal fragments in a fine-grained matrix. Cut by calcite veinlets; rusty fractures.					
3.83	11.9			ALTERED, OXIDIZED ZONE Abundant clay alteration throughout. Carbonate veining destroyed. 3.83 - 5.7 dark brown zone 4.5 - 4.9 silicified breccia with chalcedonic veinlets and network. Some fragments with hematite. 5.7 - 11.9 yellow brown altered volc. 9.00 - 9.45 as 4.50 - 4.90 m 9.75 2 cm wide; very fine-grained grey grey sulphides, some scorodite staining 11.0 - 11.5 mud zone (reddish) 11.70 - 11.90 hematitic zone *11.0 m tag around 3' core					
					88-1-1	9.75	9.79	0.24	0.009
11.9	14.1			GREY CRYSTAL LITHIC TUFF Altered and bleached yellow-green silicified breccia with hematite along fractures and iron staining halos around the periphery of clasts. Clays along some	88-1-2	11.90	12.90	1.53	0.001
					88-1-3	12.90	14.10	0.34	0.001

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Hole No. 88-1

Logged By J. R. Woodcock and
S. Dudka

Date July 21, 1988

Sheet No. 3

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY		
FROM	TO				NO.	FROM	TO			
				Highly fractured and broken rock at:						
				7.7 - 8.4, 9.4 - 11.9, 13.1 - 13.5, 13.9 - 15.8,						
				16.1 - 16.6, 17.0 - 17.7, 18.0 - 18.2, 19.2 - 19.7,						
				19.8 - 20.0, 21.4 - 21.8, 22.8 - 23.2, 24.1 - 24.3,						
				25.91 - 26.3, 27.43 - 27.7, 28.2 - 28.5, 29.1 - 29.3						
				RECOVERY						
				<u>From</u> <u>To</u> <u>%</u> <u>From</u> <u>To</u> <u>%</u>						
				0 1.2 0 17.07 17.98 55						
				1.2 3.05 90 17.98 19.2 81						
				3.05 3.66 84 19.2 19.81 103						
				3.66 4.27 72 19.81 21.03 86						
				4.27 5.79 47 21.03 21.64 28						
				5.79 6.40 87 21.64 21.95 0						
				6.40 7.01 65 21.95 22.86 17						
				7.01 8.53 68 22.86 24.08 103						
				8.53 9.45 93 24.08 24.69 85						
				9.45 10.06 69 24.69 25.91 93						
				10.06 10.97 0 25.91 27.43 64 omitting cave						
				10.97 11.89 67 27.43 28.04 62 " "						
				11.89 13.11 45 28.04 28.96 76						
				13.11 14.33 87 28.96 30.48 97						
				14.33 15.24 69 30.48 31.7 66						
				15.24 16.15 33						

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PROPERTY MacAuley CreekHOLE No. 88-2DRILLED BY E. Caron DrillingCLAIM No. Ridge 17BEARING 285°STARTED: July 21, 1988

COORDINATES _____

DIP +5TERMINATED: Aug. 2, 1988ELEVATION 1901.5 mLENGTH 50.6 mLOGGED BY: J. R. Woodcock and
S. DudkaDIAMETER NQ

FROM	TO	% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY		
					NO.	FROM	TO	Ag oz/ton	Au oz/ton	
0	3.6			GREY CRYSTAL LITHIC TUFF Calcite veinlets throughout. Hairline qtz. veinlets with buff alteration associated with them; sericitized with minor green mica. 3.4 - 3.6 gradation zone						
3.6	40.0			ALTERED OXIDIZED ZONE No calcite, phenocrysts weathered 5.0 - 5.1 silicified breccia 3.6 - 14.5 m dark brown oxides 5.18 highly broken rock begins 6.3 - 6.7 fine-grained grey sulphides cementing breccia, some pyrite and galena * Petrogenetic evidence indicates pre-mineralization brecciation as well as late syn-to post mineralization brecciation. This segment 6.3 - 6.7 may be faulted into place. 6.4 - 6.71 near 100% recovery Hairline limonite veinlets with selvages of altered rock, hairline qtz. veinlets 9.14 - 9.75 about 65% recovery 9.35 - 9.55 silicified breccia with some grey sulphide mineralization; possibly cave	88-2-1	6.3	6.7	1.49	0.006	
					88-2-7	6.7	9.14	ppm .3	ppb 3	geochem

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J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-2

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 2, 1988

Sheet No. 2

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY		
FROM	TO				NO.	FROM	TO	Ag oz/ton	Au oz/ton	
				from intersection from 6.3 - 6.7 m	88-2-2	9.35	9.55	0.13	0.001	
				8.8 - 9.14 ground core						
				9.8 - 9.9 as 9.35 - 9.55 except not cave	88-2-3	9.8	10.0	0.06	0.001	
				10.0 - 10.1 silicified breccia						
				9.14 - 16.3 highly faulted rock						
				10.2 - 10.5 clay and broken rock						
				13.4 - 14.33 mud zone						
				14.5 - 25.6 dark brown with interspersed yellow oxide zones						
				14.7 - 15.2 mud zone						
				12.6 5 cm wide clast						
				20.4 mud zone						
				20.4 - 20.73 silicified; qtz. veinlets, no sulphides						
				20.73 - 22.25 microfractured and brecciated; minor sulphides						
				Highly altered to clay and/or sericite. Yellowish sections are most altered. Yellow areas are probably of different composition than the brown areas. Rock seems to be finer-grained and more brittle (criss- crossed by fractures).						
				23.77 broken rock and gouge; also at 24.53, 29.19, 29.72, 32.4	88-2-4	25.80	27.34	ppm .8	ppb 4	geochem
				25.6 - 40 the yellowish altered tuff						

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J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-2

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 2, 1988

Sheet No. 3

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY		
FROM	TO				NO.	FROM	TO	Ag ppm	Au ppb	
				32.92 broken rock and gouge; considerable grinding	88-2-5	30.86	31.39	1.0	2	geochem
				33.2 specimen (yellow area)						
				34.7 - 36.27 faulting and grinding						
				37.0 fault zone with abundant mud						
				21.3 - 40.0 much of this section is the weathered equivalent of the green-grey tuff						
40.0	50.6			GREEN- GREY TUFF	88-2-8	39.44	40.72	.5	3	geochem
				Lacks visible crystals, has sparse calcite veinlets.	88-2-9	40.72	41.76	2.3	2	geochem
				Alters along incipient fractures to white rock.	88-2-6	41.76	43.28	.4	2	geochem
				Generally has a network of altered fractures, with increasing number of fractures towards the brown-yellow oxide zone. Contains small zones of brown weathering rock.						
				Zones of possible hydrofracturing e.g. 42.82 (specimen).						
				Similar rock occurs in other holes e.g. specimen 88-1						
				28.9 m (buff coloured porcelain-appearing rock). Thus much of the brown-yellow oxide tuff unit is this rock.						
50.6				EOH						

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Hole No. 88-2

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 2, 1988

Sheet No. 5

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS						SAMPLE			ASSAY		
FROM	TO									NO.	FROM	TO			
				RECOVERY											
				From	To	%	From	To	%						
				0	2.44	86	21.34	22.25	93						
				2.44	3.96	99	22.25	23.77	96						
				3.96	5.18	82	23.77	24.38	75						
				5.18	5.79	82	24.38	25.3	65						
				5.79	6.4	98	25.3	25.6	90						
				6.40	6.71	97	25.6	26.82	90						
				6.71	8.23	79	26.82	28.19	78						
				8.23	8.84	70	28.19	29.72	72						
				8.84	9.14	0	29.72	30.48	88						
				9.14	9.75	59	30.48	31.39	85						
				9.75	10.67	76	31.39	32.92	12						
				10.67	10.97	100	32.92	33.22	90						
				10.97	11.28	0	33.22	34.44	70						
				11.28	11.89	90	34.44	35.97	25						
				11.89	13.11	53	35.97	36.27	93						
				13.11	14.33	82	36.27	37.05	77						
				14.33	15.24	99	37.05	37.49	118						
				15.24	15.85	90	37.49	37.8	74						
				15.85	17.68	68	37.8	39.01	79						
				17.68	18.59	99	39.01	40.54	94						
				18.59	19.51	70	40.54	41.76	103						
				19.51	20.73	79	41.76	43.28	93						
				20.73	21.34	115	43.28	44.81	92						

91012

J. R. WOODCOCK CONSULTANTS LTD.

PROPERTY MacAuley Creek
 CLAIM No. Ridge 17
 COORDINATES _____
 ELEVATION 1900 m

HOLE No. 88-3
 BEARING 285°
 DIP -60°, acid test at 75 m - 58.5°
 LENGTH 75.59 m (248')
 DIAMETER NQ

DRILLED BY E. Caron Drilling
 STARTED: July 31, 1988
 TERMINATED: Aug. 1, 1988
 LOGGED BY: J. R. Woodcock and
S. Dudka

FROM	TO	% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY		
					NO.	FROM	TO	Ag oz/ton ppm	Au ppb	
0	33.67			ALTERED, OXIDIZED ZONE						
				0 - 15 Dark brown oxidized altered tuff	88-3-5	4.8	5.8	1.9	5	geochem
				Yellow-brown coloration may be entirely due to surface oxidation.						
				Variations in rock types.						
				Much of rock is yellow-brown weathering tuff with the fragments themselves being microbrecciated, e.g. 7.8 m.	88-3-6	5.8	7.01	.3	2	geochem
				Blocks of greyish dense volcanics are also present, e.g. 0.8 - 1.2 m.						
				Some fragments have feldspar and qtz. crystals; others are devoid of crystal phenocrysts or fragments.	88-3-7	7.01	8.85	.5	5	geochem
				Rock varies from dense brick red e.g. 8.3 m; to dark brown, e.g. 10.7 m.	88-3-1	8.85	9.72	0.11	0.001	
				Chalcedonic qtz. occurs as scattered veinlets or cementing breccia, e.g. 9.1 m.						
				Some fragments are crystal lithic tuffs. Mud zones at 5.2, 8.0, 8.53.						
				Jasper-like rock (e.g. 16.6) in places.						
				Scattered white qtz. veinlets and banded chalcedony filling breccia spaces at 14.0	88-3-2	12.95	13.3	0.07	0.001	

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-3

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 1, 1988

Sheet No. 2

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY		
FROM	TO				NO.	FROM	TO	Ag oz/ton	Au ppm	
				and veinlets between 17.3 - 18.0, also						
				18.8 - 19.2						
				Highly broken rock 1.3 - 1.5, 3.0 - 3.4,						
				4.5 - 4.6, 7.0 - 7.3						
				14.7 - 15.2 clay-rich rock						
				Highly broken rock 8.5 - 8.7, 16.15 - 16.3,						
				20.73 - 21.34.						
				19.2 - 20.4 major fault clay zone	88-3-3	17.25	18.00	0.23	0.001	
				20.73 fault (no recovery from 20.6 - 20.73)						
				22.25 - 22.56 fault zone						
				22.6 - 25.7 greenish coloured						
				23.75 - 24.0 greenish blocks						
				25.0 - 25.3 elongated amygdules or						
				weathered cavities						
				Broken rock 23.3 - 23.5, 26.82 - 28.66				ppm	ppb	
				15.0 - 28.6 Mixed brown and yellow oxide sections.	88-3-8	26.37	28.19	1.5	4	geochem
				28.6 - 30.94 Yellowish altered tuff.	88-3-9	28.19	30.94	10.6	5	geochem
				30.94 - 33.67 Mainly brown oxides.	88-3-10	32.8	33.54	1.6	3	geochem
				30.42 - 30.57 silica and fluorite						
				31.7 - 31.77 grey mottled rock with						
				pervasive sericite alteration (within dark						
				brown rock). Contact zone transition from						
				dark brown to lighter brown to orange.						
				Colour change possibly a hypogene feature.						
				30.47 - 31.39 fault zone						

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J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-3

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 1, 1988

Sheet No. 3

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
FROM	TO				NO.	FROM	TO	Ag oz/ton	Au oz/ton
				31.77 - 32.92 veinlets of qtz. and fluorite with few veinlets of qtz/ sulphides? (very thin)					
33.67				GREY CRYSTAL LITHIC TUFF Greenish tint in places. Calcite veinlets, stockwork and disseminated patches throughout.					
				33.67 - 34.5 Bleached to buff or greenish grey colour. Pockets and veinlets of calcite and sulphides.	88-3-11	33.54	34.44	3.1 ppm	2 ppb geochem
				35.97 broken rock and grinding					
				39.93 - 40.75 Oxidation and bleaching colour from dark grey to greenish grey to light brown towards fault with corresponding decrease in hardness; probably sericitization. 40.1 fault and clay					
				43.00 - 43.68 Bleached to light buff colour related to stockwork of calcite and sulphides (Aspy?, cpy, py, galena, sphalerite?)	88-3-4	43.00	43.68	0.18 ppm	0.001 ppb
				43.68 - 44.58 Brown oxidized rock bounds alteration zone above, but may be related to fault at 44.4					
				44.58 - 46.00 Rock is shattered with majority of fractures at 20° to C.A.					
				46.00 - 46.75 Oxidized rock. This and adjacent rock are somewhat bleached yellow. Angular clast					

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J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-3

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 1, 1988

Sheet No. 4

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
FROM	TO				NO.	FROM	TO	Ag oz/ton	Au oz/ton
				breccia with dark brown matrix. Possibly represents additional hydrofracturing.					
				49.68 - 50.5 Irregularly banded veinlets and zones of fluorite.					
				49.7 - 50.1 mostly fluorite and qtz.					
				48.3 - 51.21 Rusty oxidized rock; soft with sericitization? esp. from 50.6 - 51.0. Oxidation has removed the calcite. Alteration related to fluorite zone.					
				51.21 - 75.59 Fresh rock. Locally brecciated and cemented by calcite-chlorite and cut by calcite-chlorite veinlets. e.g. 61.6 - 61.87, 63.64 - 63.75, 64.35 - 66.7, 67.4 - 67.5, 70.5 - 70.6, 73.6 - 73.8.					
				66.65 flesh coloured and yellowish green minerals: Possibly zoisite and epidote? also minor hematite					
				71.32 pyrite blebs					
75.59				EOH					

815200

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-3

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 1, 1988

Sheet No. 5

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS						SAMPLE			ASSAY				
FROM	TO									NO.	FROM	TO					
				RECOVERY													
				From	To	%	From	To	%								
				0	2.5	40	23.77	24.08	110								
				2.5	3.2	86	24.08	25.3	69								
				3.2	3.96	87	25.3	25.76	89								
				3.96	4.57	79	25.76	26.37	85								
				4.57	5.14	98	26.37	26.82	80								
				5.14	6.1	77	26.82	26.97	80								
				6.1	7.01	81	26.97	28.19	74								
				7.01	8.53	78	28.19	28.65	126								
				8.53	9.75	90	28.65	28.96	58								
				9.75	11.28	99	28.96	29.87	80								
				11.28	12.65	88	29.87	30.94	64								
				12.65	14.0	111	30.94	31.39	13								
				14.0	14.6	112	31.39	32.92	87								
				14.6	16.15	83	32.92	34.44	93								
				16.15	17.07	89	34.44	35.97	87								
				17.07	17.68	113	35.97	37.49	92								
				17.68	18.9	103	37.49	39.01	99								
				18.9	20.4	60	39.01	40.23	116								
				20.4	20.73	70	40.23	41.76	98								
				20.73	21.34	25	41.76	43.43	95								
				21.34	22.25	58	43.43	45.11	98								
				22.25	22.56	26	45.11	46.63	95								
				22.56	23.77	88	46.63	48.16	101								

8100

J. R. WOODCOCK CONSULTANTS LTD.

PROPERTY MacAuley CreekCLAIM No. Ridge 17

COORDINATES _____

ELEVATION 1900 mHOLE No. 88-4BEARING 285°DIP -30°LENGTH 35.78 m (118')DIAMETER NQDRILLED BY E. Caron DrillingSTARTED: Aug. 1, 1988TERMINATED: Aug. 3, 1988LOGGED BY: J. R. Woodcock and
S. Dudka

FROM	TO	% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
					NO.	FROM	TO	Ag oz/ton	Au
0	3.66			GREY LITHIC CRYSTAL TUFF					
				0 - .2 Brown surface weathering. This also occurs along some fractures.					
3.66	11.1			ALTERED, OXIDIZED YELLOW OXIDE ZONE					
				Mainly dark brown variety					
				3.9 - 4.15 Light grey crystal lithic tuff, which is mainly altered to brown oxidized rock.					
				4.6 - 5.0 Abundant qtz. and banded chalcedony. Some dark banded; may have sulphides.					
				6.1 - 8.5 Yellowish rock without the microfracturing.					
				8.7 Qtz. veining.					
				9.45 - 10.06 Minor qtz. veining.					
				8.03 - 8.2 minor qtz. veining					
11.1	14.95			GREEN GREY TUFF					
				Highly fractured. Very hard and broken; qtz. veinlets throughout.	88-4-1	11.1	13.1	0.15	0.001
					88-4-2	13.1	14.95	0.23	0.002
14.95	21.34			BROWN-YELLOW OXIDE ZONE					
				Badly broken. Interspersed yellow zones in mainly dark brown zone.					
21.34	24.6			GREEN GREY TUFF AND/OR GREY CRYSTAL LITHIC TUFF					
				Mixed, difficult to distinguish crystal fragments in					

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-4

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 3, 1988

Sheet No. 2

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY						
FROM	TO				NO.	FROM	TO							
				places, much is oxidized to an orange colour. Calcite veinlets throughout.										
				23.1 - 23.45 Microfractured and highly altered to clay; buff colour.										
24.6	34.43			BROWN-YELLOW OXIDE ZONE										
				Most is highly altered to soft clay?										
				24.6 - 28.6 Intermixed dark brown and yellow gouge zone from 26.0 - 26.82.										
				28.6 - 34.43 The yellowish type of alteration. Green-grey tuff. Good recovery.										
34.43	35.78			GREEN GREY TUFF										
				Calcite veinlets; bleached along fractures at 35.5, rusty brown along fractures at 34.8.										
35.78				EOH										

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J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-4

Logged By J. R. Woodcock and
S. Dudka

Date Aug. 3, 1988

Sheet No. 3

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS						SAMPLE			ASSAY	
FROM	TO									NO.	FROM	TO		
				RECOVERY										
				From	To	%	From	To	%	Broken Zones				
				0	1.52	102	14.63	16.15	54	15.5	- 16.76		badly	broken
				1.52	2.44	91	16.15	16.46	58	16.15			fault	
				2.44	3.66	91	16.46	16.76	300	17.68	- 17.87		badly	broken
				3.66	5.18	79	16.76	17.68	17	18.29	- 18.44		badly	broken
				5.18	5.49	0	17.68	18.29	66					
				5.49	6.1	66	18.29	18.44	53					
				6.1	6.4	60	18.44	19.05	44					
				6.4	6.7	73	19.05	19.81	59					
				6.7	7.62	98	19.81	20.57	50					
				7.62	8.53	88	20.57	21.34	47					
				8.53	9.45	61	21.34	22.25	98					
				9.45	10.06	95	22.25	23.77	91					
				10.06	10.67	37	23.77	25.3	96					
				10.67	10.82	133	25.3	26.82	57					
				10.82	11.58	66	26.82	28.34	72					
				11.58	11.73	93	28.34	35.78	100					
				11.73	11.89	106								
				11.89	12.19	53								
				12.19	12.34	107								
				12.34	12.5	63								
				12.5	13.11	70								
				13.11	13.56	89								
				13.56	14.63	60								

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J. R. WOODCOCK CONSULTANTS LTD.

PROPERTY MacAuley CreekCLAIM No. Ridge 17

COORDINATES _____

ELEVATION 1815.5 mHOLE No. 88-5BEARING 270°DIP -30°LENGTH 60.05 m (197')DIAMETER NQDRILLED BY E. Caron DrillingSTARTED: Aug. 3, 1988TERMINATED: Aug. 10, 1988LOGGED BY: S. Dudka

FROM	TO	% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
					NO.	FROM	TO	Ag oz/ton	Au
0	25.40			DARK GREY IGNIMBRITE					
				Pumice fragments flattened at ~15° to C.A. Large clasts up to 6 cm across. Essentially fresh and unaltered throughout. Moderately to highly fractured in places. Cut by carb. veinlets.					
				1.83 - 2.1 Highly fractured					
				2.8 - 4.25 Highly fractured					
				5.5 - 8.23 Highly fractured					
				7.62 - 8.9 Moderate kaolinization along fracture planes and slight bleaching of rock to green-grey colour.					
				9.8 - 12.5 Highly fractured and broken					
				13.45 - 14.1 Highly fractured and broken					
				16.04 - 17.6 Bleached green-yellow to green-grey					
				18.65 - 19.65 Highly broken core					
				19.01 - 19.20 Bleached green grey					
				23.46 - 25.04 Oxidized zone					
				25.04 - 25.40 Altered green-grey with rusty fractures.					
25.40	44.85			ALTERED OXIDIZED ZONE					
				Very fresh except for locally oxidized zones.	88-5-1	26.82	28.35	2.03	0.040
				Extensively altered yellow-green with local sulphide mineralization. Some clasts highly sericitized.	88-5-2	28.35	29.30	0.41	0.006
					88-5-3	29.30	29.70	0.13	0.018

092518

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-5

Logged By S. Dudka

Date Aug. 10, 1988

Sheet No. 2

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY		
FROM	TO				NO.	FROM	TO	Ag oz/ton	Au	
				25.40 - 26.82	Slight oxidation	88-5-4	29.70	30.55	0.41	0.001
				29.30 - 29.70	Fig. grey sulphides along numerous fractures	88-5-5	33.26	33.7	0.09	0.001
				30.2 - 30.35	Fault zone; clays	88-5-6	33.7	34.44	0.18	0.004
				25.50 - 26.82	Highly fractured					
				30.55 - 33.70	Moderately oxidized					
				33.33 - 34.44	Patchy silicified breccia with minor sulphides along fractures. Sulphides include pyrite, galena? arsenopyrite, and fig. grey sulphides. Quartz is locally chalcedonic and drusy.					
				34.44 - 35.25	Highly broken core; probable fault zone.					
				35.25 - 38.60	Highly fractured and brecciated. Cut by numerous qtz.-chalced. veins and veinlets. Somewhat drusy with no visible sulph.					
				35.84	Unit is moderately to locally intensely oxidized from here down.	88-5-7	34.44	35.84	0.08	0.003
				35.29 - 35.84	Highly broken core with numerous clay seams; probable small fault.					
				37.4 - 38.5	Highly broken core with 0.6 m gap between 37.80 - 38.40. Probable fault w. extensive clay.					
				40.65 - 41.30	Highly broken					
				42.00 - 42.80	Network of qtz. and chalcedony veins and veinlets. Minor kaolinite along some					

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-5

Logged By S. Dudka

Date Aug. 10, 1988

Sheet No. 4

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS						SAMPLE			ASSAY				
FROM	TO									NO.	FROM	TO					
				RECOVERY													
				From	To	%	From	To	%								
				0	1.83	100	20.42	21.34	89								
				1.83	3.66	72	21.34	23.32	77								
				3.66	4.57	83	23.32	24.84	83								
				4.57	6.1	88	24.84	25.60	92								
				6.1	6.71	77	25.60	26.52	43								
				6.71	7.62	86	26.52	26.82	110								
				7.62	8.23	89	26.82	28.35	77								
				8.23	9.45	70	28.35	29.87	89								
				9.45	10.06	82	29.87	31.03	110								
				10.06	10.36	57	31.03	32.00	72								
				10.36	10.67	52	32.00	34.14	103								
				10.67	11.28	80	34.14	34.44	100								
				11.28	12.5	66	34.44	35.05	41								
				12.5	13.72	71	35.05	35.66	115								
				13.72	14.33	92	35.66	36.58	59								
				14.33	15.24	102	36.58	37.19	102								
				15.24	16.00	63	37.19	38.40	49								
				16.00	17.37	95	38.40	40.23	79								
				17.37	17.98	136	40.23	41.00	58								
				17.98	18.9	61	41.00	41.30	100								
				18.9	19.2	137	41.30	41.76	104								
				19.2	19.81	69	41.76	43.28	95								
				19.81	20.42	95	43.28	44.81	93								

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J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-5

Logged By S. Dudka

Date Aug. 10, 1988

Sheet No. 5

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY						
FROM	TO				NO.	FROM	TO							
				RECOVERY										
				From To %										
				44.81 46.02 29										
				46.02 46.63 125										
				46.63 47.85 78										
				47.85 49.38 75										
				49.38 50.75 80										
				50.75 51.51 88										
				51.51 53.34 63										
				53.34 53.95 64										
				53.95 54.41 76										
				54.41 55.02 118										
				55.02 55.47 76										
				55.47 56.02 91										
				56.02 57.00 76										
				57.00 58.22 61										
				58.22 58.52 100										
				58.52 60.05 84										

092518

J. R. WOODCOCK CONSULTANTS LTD.

PROPERTY MacAuley CreekCLAIM No. Ridge 17

COORDINATES _____

ELEVATION 1815.5 mHOLE No. 88-6BEARING 270°DIP -80°LENGTH 52.73 m (173')DIAMETER NQDRILLED BY E. Caron DrillingSTARTED: Aug. 10, 1988TERMINATED: Aug. 12, 1988LOGGED BY: S. Dudka

FROM	TO	% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
					NO.	FROM	TO	Ag oz/ton	AU
0	28.25			DARK GREY IGNIMBRITE					
				Pumice fragments flattened at ~60° to C.A. Large clasts up to 6 cm across. Essentially fresh and unaltered throughout. Moderately to highly fractured in places.	88-6	11.07	11.14	specimen	
				Cut by carbonate veinlets.	88-6-5p	12.5	12.60	specimen	
0	4.95			Moderately to highly broken core.					
	13.20 - 13.50			Slightly oxidized					
	15.94 - 16.19			Slightly oxidized					
	18.59 - 20.12			Almost completely continuous fracture along length of core, parallel to core axis. Original vein material altered to clay.	88-6-1	32.65	33.83	0.06	0.007
	22.40 - 22.65			Highly broken core					
	23.00 - 24.05			Bleached to pale green and slightly oxidized.					
	26.40 - 26.49			Broken core; probable minor fault.					
	26.49 - 27.60			Bleached to pale green and slightly oxidized.					
	28.25			Footwall contact sharp, erosional/faulted.					

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-6

Logged By S. Dudka

Date Aug. 12, 1988

Sheet No. 2

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
FROM	TO				NO.	FROM	TO	Ag oz/ton	Au
28.25	34.20			GREY CRYSTAL LITHIC TUFF					
				Sparse crystals and fewer lithic fragments. Fractured with calcite filling most fractures. Unit becomes bleached, mineralized, and oxidized as described below.					
				28.25 - 29.51 Fresh rock					
				29.51 - 30.05 Bleached to buff colour	88-6-2	29.51	30.05	0.01	0.002
				30.05 - 31.04 Highly oxidized and leached	88-6-3	30.05	31.04	0.05	0.001
				31.04 - 31.65 Bleached to buff colour with fault at 31.28. Rock is fractured and brecciated with sulphides (py, Aspy, grey sulph.) between clasts and along fractures. Brecciated zone contacts at ~35° to C.A.	88-6-4	31.04	31.70	0.06	0.027
				31.65 - 32.65 Moderately oxidized with some unoxidized buff coloured sections	88-6-5	31.70	32.65	0.04	0.001
				32.65 - 34.20 Buff coloured with mineralized fractures from 32.65 - 33.83 (py, Aspy, galena, fig. grey sulph.)	88-6-1	32.65	33.83	0.06	0.007
34.20	48.47			GREEN-GREY IGNIMBRITE					
				Gradational upper contact. Pumice fragments flattened at ~45° to C.A. Clasts are up to 6 cm in length. Some areas are bleached as indicated below.					
				39.20 - 40.05 Moderately bleached					
				43.20 - 43.65 Moderately oxidized					
				46.75 - 47.05 Moderately oxidized					

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-6

Logged By S. Dudka

Date Aug. 12, 1988

Sheet No. 4

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS						SAMPLE			ASSAY				
FROM	TO									NO.	FROM	TO					
				RECOVERY													
				From	To	%	From	To	%								
				0	1.83	8	30.78	32.31	101								
				1.83	2.74	57	32.31	33.83	86								
				2.74	3.35	75	33.83	35.36	104								
				3.35	4.88	85	35.36	36.88	100								
				4.88	5.49	111	36.88	38.40	97								
				5.49	6.40	101	38.40	39.93	101								
				6.40	7.92	99	39.93	41.45	97								
				7.92	9.45	82	41.45	42.06	105								
				9.45	10.97	94	42.06	42.98	100								
				10.97	12.5	88	42.98	44.50	82								
				12.5	14.02	105	44.50	46.02	95								
				14.02	15.54	89	46.02	47.55	100								
				15.54	17.22	92	47.55	49.07	99								
				17.22	18.59	106	49.07	50.60	95								
				18.59	20.12	90	50.60	51.21	107								
				20.12	21.64	99	51.21	52.12	76								
				21.64	22.86	80	52.12	52.73	138								
				22.86	24.38	91											
				24.38	25.91	90											
				25.91	27.43	91											
				27.43	27.74	119											
				27.74	29.26	101											
				29.26	30.78	99											

092518

J. R. WOODCOCK CONSULTANTS LTD.

PROPERTY MacAuley CreekHOLE No. 88-7DRILLED BY E. Caron DrillingCLAIM No. Ridge 17BEARING 270°STARTED: Aug. 12, 1988DIP +20°TERMINATED: Aug. 14, 1988

COORDINATES _____

LENGTH 74.37 m (244')LOGGED BY: S. DudkaELEVATION 1816.5 mDIAMETER NQ

FROM	TO	% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
					NO.	FROM	TO	Ag oz	Au ton
0	43.00			DARK GREY IGNIMBRITE					
				Pumice fragments flattened at ~ 30° to C.A. Large clasts up to 6 cm across. Essentially fresh and unaltered throughout. Moderately to highly fractured in places. Cut by calcite veinlets.					
				0 - 6.63 Highly broken up core with rusty fractures and minor clay.					
				9.10 - 9.35 Highly broken core					
				18.2 - 18.95 Highly broken core					
				21.66 - 21.92 Bleached almost white					
				23.33 - 24.08 Moderately bleached with minor oxidation.					
				24.08 - 27.46 Moderately bleached with oxidized fractures.					
				27.46 - 28.75 Moderately bleached with minor oxidation.					
				34.43 - 35.70 Slightly to moderately bleached.					
				37.88 - 42.90 Highly oxidized with rare qtz./chalcedony veins up to 1 cm wide.					
				37.88 - 38.20 broken core					
				39.62 - 42.37 highly broken core; several areas of apparent minor faulting					

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J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-7

Logged By S. Dudka

Date Aug. 14, 1988

Sheet No. 2

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY	
FROM	TO				NO.	FROM	TO	Ag oz/ton	Au
43.00	74.37			ALTERED OXIDIZED YELLOW OXIDE ZONE					
				Highly oxidized, brecciated and micro-brecciated.					
				Highly broken and fractured locally.	88-7-3	44.85	46.05	0.12	0.001
				43.01 Fault with clay gouge	88-7-4	46.05	47.88	0.42	0.006
				43.04 - 43.24 Chalcedony vein	88-7-1	47.88	48.30	2.16	0.055
				43.30 - 45.42 Highly broken	88-7-5	48.30	49.46	0.49	0.005
				46.77 - 51.45 Silicified breccia with chalcedonic veinlets and network. Fine-grained grey sulphides found in veinlets at 46.80, 46.95, 47.35, 47.80 - 48.30, 49.40. Rock has overall yellow-green colour.	88-7-6	49.46	51.45	0.65	0.008
				51.45 - 64.00 Cut by numerous small qtz. chalcedony veins, some being drusy in nature.	88-7-7	55.16	56.63	0.08	0.001
					88-7-8	56.63	57.91	0.19	0.001
				57.91 - 58.48 High conc. of fig. grey sulphides in veins and veinlets	88-7-2	57.91	58.44	1.12	0.013
					88-7-9	58.44	59.13	0.11	0.001
				61.33 - 61.47 Small section silicified breccia.					
				61.47 - 70.30 Highly fractured, broken rock. Abundant clays. Fault zone.					
				58.40 - 48.92 Highly broken rock					
				71.63 - 71.93 Highly broken rock with clay.					
				72.75 - 73.48 Moderately to highly broken rock.					
				73.48 - 73.70 Reddish clay zone; fault.					
				73.70 - 74.37 Extremely broken rock; fault zone.					
74.37				EOH					

J. R. WOODCOCK CONSULTANTS LTD.

Hole No. 88-7

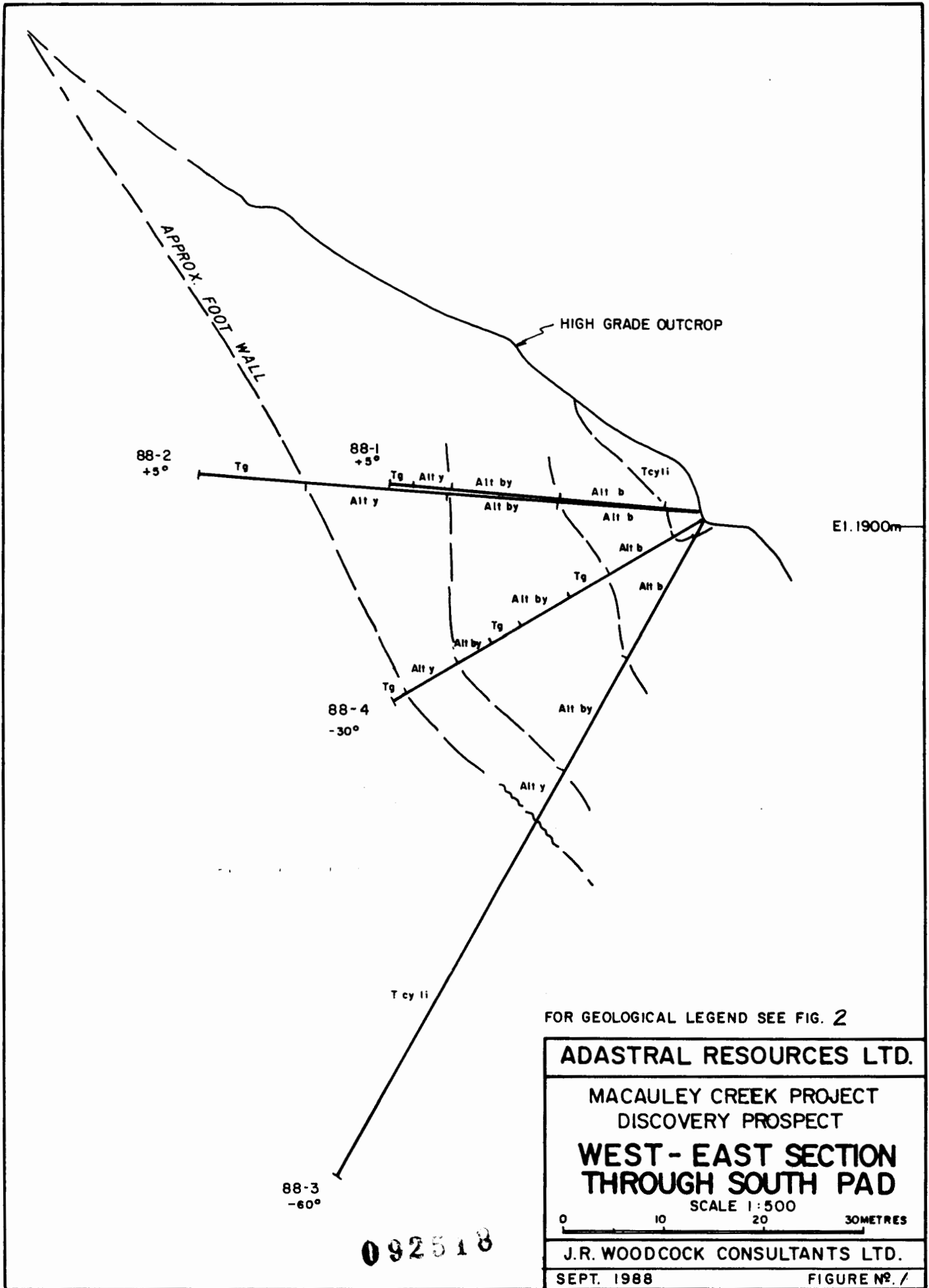
Logged By S. Dudka

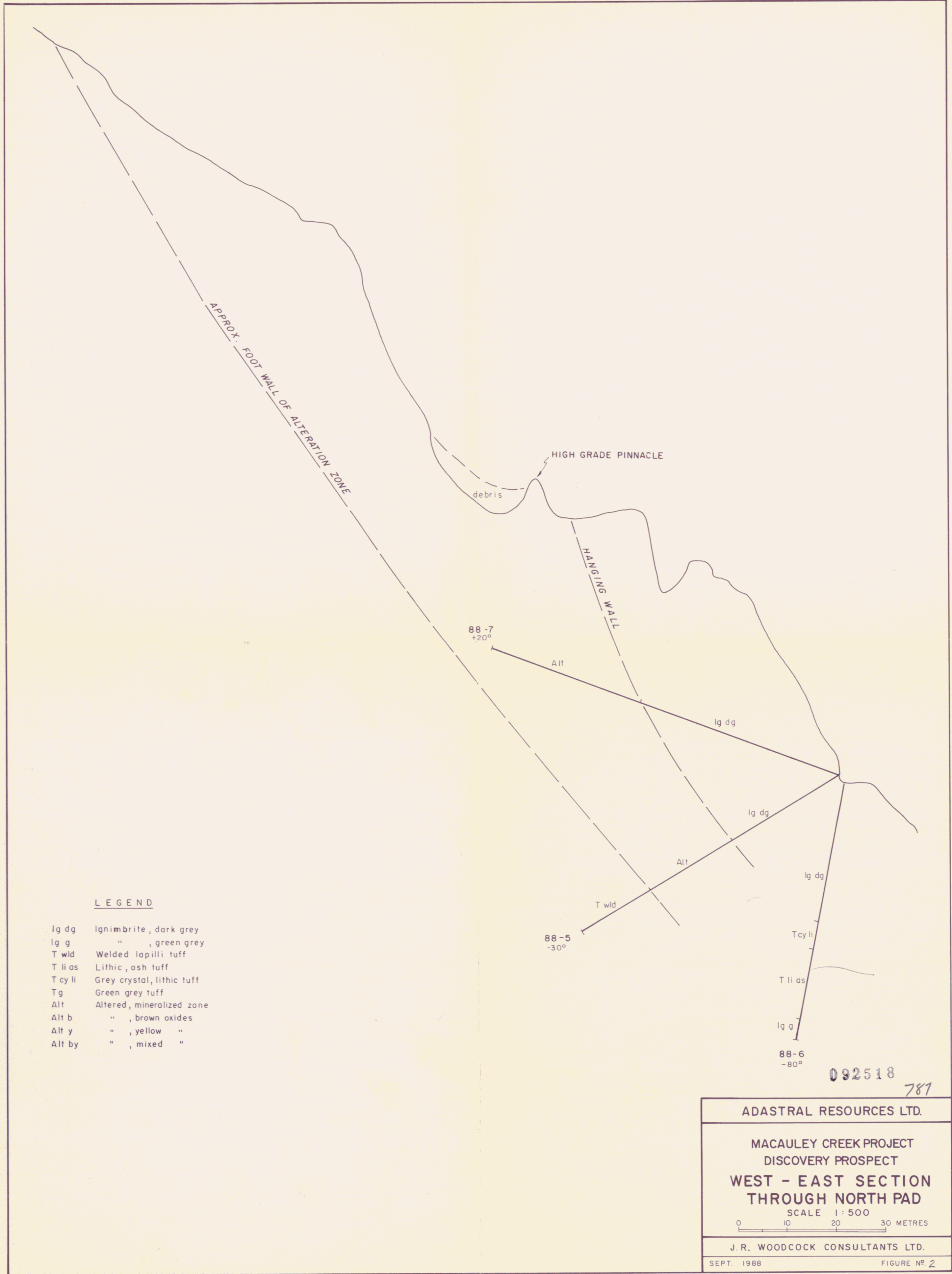
Date Aug. 14, 1988

Sheet No. 4

FOOTAGE		% RECOVERY	DELTA ANGLE	DESCRIPTION AND REMARKS	SAMPLE			ASSAY					
FROM	TO				NO.	FROM	TO						
				RECOVERY									
				From To %									
				54.71 55.47 99									
				55.47 56.39 78									
				56.39 57.91 91									
				57.91 59.13 80									
				59.13 60.81 82									
				60.81 62.33 63									
				62.33 63.09 58									
				63.09 64.01 41									
				64.01 64.92 93									
				64.92 65.53 52									
				65.53 66.14 8									
				66.14 66.45 10									
				66.45 66.75 73									
				66.75 67.67 52									
				67.67 68.27 53									
				68.27 68.58 13									
				68.58 69.49 65									
				69.49 70.10 25									
				70.10 71.63 82									
				71.63 71.93 73									
				71.93 72.85 92									
				72.85 74.37 64									

092518





LEGEND

- Ig dg Ignimbrite, dark grey
- Ig g " , green grey
- T wld Welded lapilli tuff
- T li as Lithic, ash tuff
- T cy li Grey crystal, lithic tuff
- Tg Green grey tuff
- Alt Altered, mineralized zone
- Alt b " , brown oxides
- Alt y " , yellow "
- Alt by " , mixed "

092518

781

ADASTRAL RESOURCES LTD.	
MACAULEY CREEK PROJECT DISCOVERY PROSPECT	
WEST - EAST SECTION THROUGH NORTH PAD	
SCALE 1:500	
J. R. WOODCOCK CONSULTANTS LTD.	
SEPT. 1988	FIGURE Nº 2