

DIAMOND DRILLING



42A11SE0447 46 WHITNEY

010

TOWNSHIP: Whitney

REPORT No.: 46

WORK PERFORMED BY: Kidd Creek Mines Ltd.

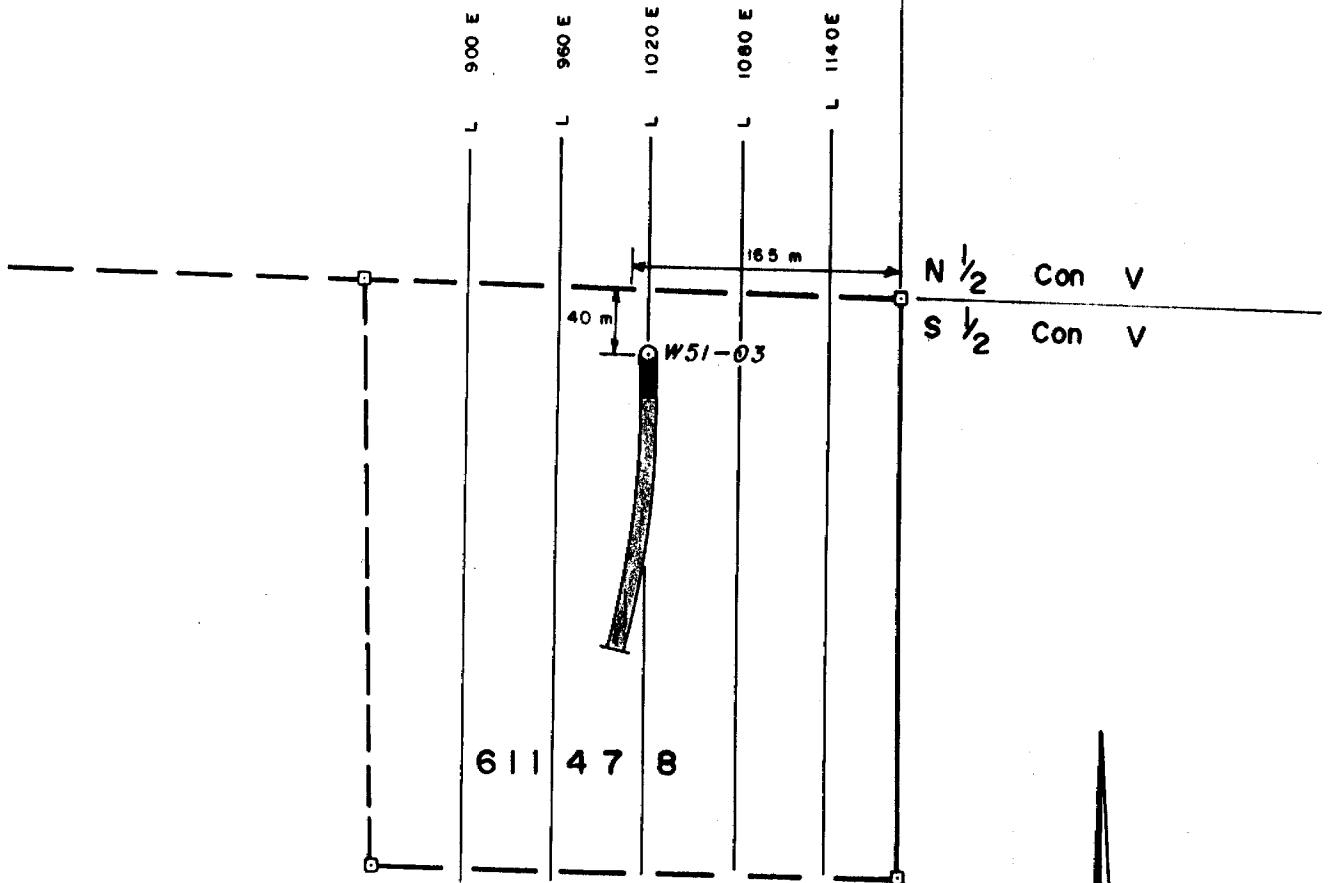
<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 611478	W-51-03	910	Apr/83	(1)

NOTES: (1) #155-83




LOT 11

LOT 10



**LEGEND**

 MAFIC VOLCANICS

*P. Der Weduwen*

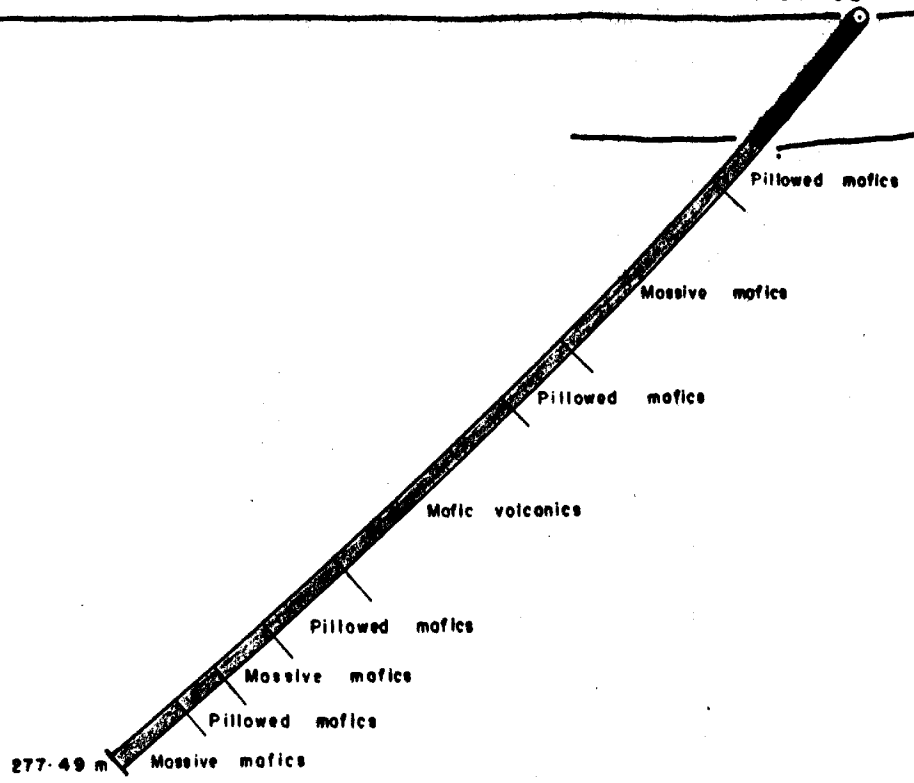
<b>KIDD CREEK MINES LTD.</b>	
Exploration Division	Timmins, ONTARIO
WHITNEY GOLD - ROUSSEAU OPTION	
WHITNEY Twp.	
W 51 - 03	
<b>DRILL PLAN</b>	
SCALE: 1 : 5000	Date: DerWeduwen
Drawn: DEL	Project N <sup>o</sup> : 70
	Date: 17/05/83

7 S

6 S

5 S

W 51 - 03



*P. Der Weduwen*

<b>KIDD CREEK MINES LTD.</b>		
Exploration Division	Timmins, ONTARIO	
WHITNEY GOLD - ROUSSEAU OPTION		
WHITNEY Twp.		
SECTION FOR		
<b>L 1020 E</b>		
(LOOKING WEST)		
SCALE: 1 : 2000	Dato: Der Weduwen	
Drawn: DEL	Project N <sup>o</sup> : 70	Date: 26/04/83



FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
0	43.28	CASING						
43.28	58.54	PILLOWED MAFICS						
		Light to medium green, fine grained and moderately soft. Unit is pillowed with 10-30mm soft chloritic selvages. Core is moderately carbonated and weakly sericitic. Local sections of core are buff coloured. Schistosity is weak at 45-50° to the core axis. Unit carries minor pyrite and pyrrhotite, which is generally concentrated in the pillow selvages.						
	43.25 - 44.63	Badly broken core						
	44.63 - 44.80	Lost core						
		At 44.80, a 120mm zone with 1-2mm bleached spots. May be centred about amygdules.						
	45.22 - 46.02	Lost core.						
	48.36 - 48.58	Zone with 1-2% fine pyrite and pyrrhotite centred about a 40mm pillow selvage at 48.43.						
	50.04 - 50.23	Zone with 55-60% carbonate as irregular masses and stringers. Twenty to twenty-five percent intermixed chloritic inclusions. Carries minor pyrite and chalcopyrite.						

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PROPERTY Whitney Gold/Rousseau Option HOLE NO W-51-03 PAGE NO 1

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
43.28	58.54	CON'T						
	50.23 - 58.10	Partially broken core with several lost core sections.						
	50.34 - 50.59	Lost core.						
	52.37 - 52.73	Lost core.						
	53.94 - 54.25	Lost core.						
	55.26 - 55.77	Lost core.						
	57.37 - 57.91	Lost core.						
58.54	116.48	MASSIVE MAFICS						
	Dark green, medium to coarse grained and hard. Unit is massive with a weak schistosity at 45-50° to the core axis. The core has 1% fine white fibrous leucoxenes throughout the unit. The unit is moderately carbonated and locally has chloritic fractures. Unit has minor quartz veining and locally carries minor pyrite.							
	59.49 - 59.74	Lost core.						
	61.62 - 62.17	Flat quartz vein at 0-35° to the core axis. Crosses schistosity and has 15-20% buff carbonate along the contacts. Carries minor pyrite. Width is unknown.						
	At 62.30, a 40-60mm quartz vein at 30-55° to the core axis. Parallels schistosity and carries minor chloritic inclusions.							

LOGGED BY : J. Der Weduwen DATE : April, 1983

PROPERTY Whitney Gold/Rousseau Option HOLE NO W-51-03 PAGE NO 2

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
58.54	116.48	CON'T						
	63.47 - 64.21	Flat quartz vein at 0-20° to the core axis. Crosses schistosity and has a width of 30-40mm. Carries 5% chloritic inclusions and minor pyrite.						
	65.45 - 65.77	15-30mm irregular undulating quartz carbonate vein. Barren.						
	67.33 - 74.42	Core carries minor cubic and fine pyrite.						
	75.05 - 85.80	Light to medium green core, fine grained with minor very fine white leucoxenes. Minor quartz stringers with bleached contacts.						
	75.21 - 75.38	Quartz carbonate vein at 30-35° to the core axis. Crosses schistosity with 10% wispy chloritic inclusions.						
	At 78.27,	a 50mm carbonate vein at 30° to the core axis. Parallels schistosity and is barren.						
	79.83 - 79.96	Irregular quartz carbonate stringers within a bleached section of core.						
	80.68 - 81.32	Zone with 20-25% quartz as veins and stringers and 20% intermixed carbonate. Carries 10% chloritic inclusions and 2-3% cubic pyrite.						



FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS				
58.54	116.48	CON'T							
	85.80 - 116.48	Dark green, coarse grained core with 1-2% coarse white leucoxenes. Moderately carbonated and carries minor pyrite.							
		At 86.62, a 40mm quartz carbonate vein at 35° to the core axis. Crosses schistosity with 10% chloritic inclusions and with 10% grey carbonate about the contacts. Carries minor pyrite.							
		At 91.00, a 20-40mm carbonate zone at 20° to the core axis. Somewhat irregular and yellowish-orange in colour. Carries minor pyrite.							
		At 104.64, a 20mm quartz vein at 40° to the core axis. Crosses schistosity with minor inclusions.							
	107.34 - 107.45	Quartz vein at 40-55° to the core axis. Crosses schistosity with minor chlorite and sericite.							
	116.03 - 116.48	Light green core with minor fine leucoxenes.							
116.48	138.95	<b>PILLOWED MAFICS</b>							
		Light to medium green, fine grained and weakly pillowed throughout. Pillow selvages stand out as thin irregular chloritic zones 10-40mm in width. Core is moderately carbonated and locally chloritic on fracture surfaces.							
		Schistosity is weak at 45-50° to the core axis. Unit carries minor very fine white leucoxenes. Locally may carry from 1-10% fine pyrite and pyrrhotite.							
LOGGED BY : J. Der Weduwen DATE : April, 1983					PROPERTY Whitney Gold/Rousseau Option HOLE NO W-51-03 PAGE NO 4				

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
116.48	138.95	CON'T						
		Minor fracture controlled hematite staining.						
116.48	-	118.56	Zone with several short "flow brecciated" sections that carry 5-10% pyrite and minor chalcopyrite. Locally core is weakly amygdaloidal with 1-2mm carbonate filled amygdules.					
117.87	-	118.03	Carbonate-chlorite zone at 15-40° to the core axis. Crosses schistosity and carries minor pyrite.					
119.97	-	120.19	Mottled zone with minor thin irregular carbonate veining. Fine light and dark green mottling.					
133.73	-	135.48	Medium to dark green and medium grained core. Leucoxene crystals much coarser and stand out. Possible flow contact at 133.73.					
135.48	-	138.95	Core carries 1-3% fine pyrite and pyrrhotite generally concentrated in selvage zones. Unit moderately fractured and fractures are filled with both chlorite and carbonate.					
136.55	-	136.77	Core has 10-15% pyrrhotite and pyrite in stringer-like concentrations - Selvage zone?					

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS				
116.48	138.95	CON'T							
		At 137.66, a 60mm quartz carbonate zone at 50° to the core axis. Parallels schistosity with 15% wispy chloritic inclusions and 1-2% cubic pyrite.							
		At 138.83, a 70mm pyritic zone with 15-20% pyrite in a selvage zone.							
138.95	199.59	MAFIC VOLCANICS							
		Light to medium green, fine grained and quite fresh. Core is possibly pillowed with scattered thin irregular pillow selvages. Unit carries 1% fine white leucoxenes throughout. Schistosity is weak to moderate at 40° to the core axis. Core is weakly fractured, with the fractures filled with both chlorite and carbonate. Unit carries minor pyrite. Unit also weakly amygdaloidal.							
		At 154.14, a 20-25mm carbonate vein at 40-55° to the core axis. Parallels schistosity and carries minor cubic pyrite.							
		158.08 - 160.84 Medium green, medium grained core. Leucoxene needles quite coarse. Minor fracturing.							
		157.58 - 157.98 Core carries 1-2% fine pyrite							
		At 176.94, a 100mm quartz vein at 35° to the core axis. Crosses schistosity and carries minor fine black tourmaline needles and 10% mafic inclusions.							

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
138.95	199.59	CON'T						
	188.64 - 189.25	Quartz vein. Upper contact at 70° and lower contact at 10-15° to the core axis. Crosses schistosity with 40-45% buff clinozoisite crystals, 10% chloritic inclusions and 2-3% deep red hematite? Staining.						
	189.75 - 189.91	Quartz carbonate vein at 30° to the core axis. Crosses schistosity with 20% mafic inclusions and 10% cream clinozoisite crystals. Also carries 3% deep red hematite? staining.						
	190.53 - 190.74	Irregular quartz zone with 40% mafic inclusions and 10% buff clinozoisite.						
	198.99 - 199.59	Badly broken sheared core, in part a mud - possible fault gouge.						
		At 199.12, a broken 30mm barren quartz vein.						
		At 199.32, a 60mm quartz vein at 40-50° to the core axis. Parallels schistosity and is barren.						
199.59	224.67	PILLOWED MAFICS						
		Light to medium green, medium grained and moderately soft. Unit is well pillowed with 10-40mm chloritic selvages. Core is moderately to strongly carbonated which gives core its medium grained appearance, and is also						
LOGGED BY : J. Der Weduwen DATE : April, 1983					PROPERTY Whitney Gold/Rousseau Option HOLE NO W-51-03 PAGE NO 7			

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS				
199.59 - 224.67	CON'T moderately sericitic. Schistosity is weak to moderate at 40° to the core axis. The unit has 5% thin irregular carbonate stringers and carries very minor pyrite.								
	At 200.56, an irregular 10-20mm quartz zone at 10-30° to the core axis.								
	At 201.89, a 80mm quartz carbonate vein at 50° to the core axis. Crosses schistosity and is barren.								
211.69 - 212.12	Core carries 40-50% quartz as irregular veins and stringers. Partially broken and carries 1% fine pyrite.								
212.31 - 212.84	Zone with 30-40% quartz and carbonate as irregular stringers and zones generally parallel to schistosity. Carries 1-2% fine pyrite.								
	At 215.37, a 70mm zone with 1-3mm light green bleached patches. Bleached zones centred on amygdules that make up 5% of core.								
	At 218.48, a 25mm quartz carbonate vein at 30° to the core axis. Crosses schistosity and is barren.								
219.05 - 224.67	Core gradually loses its carbonate alteration and becomes a lighter green.								

FROM — TO		DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
199.59	224.67	CON'T At 222.15, a 60mm carbonate vein at 40° to the core axis. Crosses schistosity with 20% buff clinozoisite crystals.							
		224.40 - 224.61 Light coloured bleached zone. Minor hematite staining on flat fractures.							
224.67	241.05	MASSIVE MAFICS Medium green, medium grained and moderately soft. Unit is massive with a weak to moderate schistosity at 40-45° to the core axis. Core is moderately carbonated throughout.							
		225.55 - 226.72 Thin 10-30mm carbonate vein at 0-5° to the core axis. Crosses schistosity with 30% buff coloured clinozoisite crystals.							
241.05	255.76	PILLOWED MAFICS Light green, fine grained and amygdaloidal throughout. Unit is well pillowed with 10-40mm chloritic selvages. The unit is amygdaloidal with 1-4mm carbonate filled amygdules and often pipe-like amygdules. Unit is moderately fractured, with both chlorite and carbonate. Locally core carries minor pyrite.							
		252.84 - 254.06 Partially broken core. Sheared and partially brecciated.							

LOGGED BY : J. Der Weduwen DATE : April, 1983

PROPERTY Whitney Gold/Rousseau Option HOLE NO W-51-03 PAGE NO 9

FROM — TO		DESCRIPTION	SAMPLE NO	FROM — TO		SAMPLE LENGTH	ASSAYS							
241.05	255.76	CON'T												
		253.48 - 253.58 Muddy zone. Probable fault gouge.												
255.76	277.49	MASSIVE MAFICS												
		Medium green, medium to coarse grained and moderately hard. Unit is massive with a weak schistosity at 45° to the core axis. Locally core has chloritic spots and fractures. Core carries minor fine leucoxenes throughout. Fresh, uniform unit.												
		271.61 - 271.91 Quartz carbonate vein at 45° to the core axis. Crosses schistosity with 15% mafic inclusions and 30-40% buff clinozoisite crystals.												
		275.18 - 275.29 Carbonate vein at 35° to the core axis. Crosses schistosity and has 10-15% clinozoisite about the upper contact.												
	277.49	END OF HOLE.												

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PROPERTY Whitney Gold/Rousseau Option MOLE NO W-51-03 PAGE NO 10