



42A11SE0434 47 WHITNEY

010

Diamond Drilling

Township Whitney

Report NO 47

Work performed by: Kidd Creek Mines Ltd.

Claim NO	Hole NO	Footage	Date	Note
P 566512				
577602	W51-01	1106	Mar/83	(1)
P 577602				
611478	W51-04	840	Apr/83	(1)

Notes: (1) #180-84

KIDD CREEK MINES LTD.

EXPLORATION DIVISION

DRILL HOLE RECORD

HOLE NO. W-51-01..... PROPERTY ^{Whitney Twp.}Rousseau Option PROJECT NO.70.... CONTRACTOR Bradley Bros. START 22/03/83.....

FINISH 27/03/83.....

COORDINATES Grid Location: Latitude 19E..... UTM: Lat. Surveyed: Lat. Mine Grid: Lat.
 Departure 0+40S..... Dep..... Dep.....
 Elevation Elev.....

COLLAR ATTITUDE Azimuth 180° Dip -47° LENGTH 337.10m.. CORE SIZE BQ.....
 1106 feet

INCLINATION TESTS

Acid Tests

Compass Tests

Depth	Dip	Depth	Dip	Depth	Dip	Azimuth	True Azimuth
				62.78m	-47°	201°	191°
				123.74m	-	-	-
				184.70m	-47°	206°	196°
				245.66m	-47°	207°	197°
				306.62m	-44.5°	208°	198°

REMARKS Hole located 37 metres east and 52 metres south of #1 post claim P 576512.
 All casing left in hole.

J. Dex Weduwen

FROM — TO		DESCRIPTION	SAMPLE NO	FROM — TO		SAMPLE LENGTH	ASSAYS							
0	26.82	CASING												
26.82	143.55	MASSIVE MAFICS												
		Medium green to grey-green, medium to coarse grained and moderately hard.												
		Unit is quite fresh with only a weak carbonate alteration. The core carries												
		1% fine white fibrous leucoxenes throughout. Schistosity is weak at 45-50° to												
		the core axis. Locally unit has chloritic fractures, often with minor amounts												
		of epidote.												
		@ 27.94, a 5-10mm zone at 15° to core axis. Weakly undulating and partially												
		in situ brecciated. Filled with carbonaceous material and carries minor fine												
		pyrite.												
		@ 49.45, a 90mm carbonate vein at 35-40° to the core axis. Crosses schistosity												
		and carries 20% chloritic inclusions.												
		@ 52.03, a 50mm quartz carbonate vein at 75° to the core axis. Crosses												
		schistosity and has 20% coarse buff coloured clinozoisite.												
		@ 52.22, a 50mm quartz vein at 40° to the core axis. Parallels schistosity and												
		is barren.												
	52.80 - 59.85	Coarse grained section of core with 1-3mm coarse leucoxene												
		crystals.												

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
26.32	143.55 (Cont...)							
	62.40 - 66.15							
	Coarse grained section as above. Leucoxenes now have a weak pinkish colour.							
	66.15 - 74.30							
	Core a medium grey-green colour with minor fine pyrite.							
	@ 68.13, a 35mm quartz vein at 30-35° to the core axis. Parallels schistosity and is barren.							
	Possible pillow selvages at 79.52, 84.81 and 85.22. Generally are partially replaced by a white carbonate.							
	86.10 - 86.49							
	Weakly in situ brecciated zone. Black chloritic matrix.							
	86.82 - 86.93							
	In situ brecciated zone with 2-5mm rounded fragments in a black chloritic matrix.							
	94.95 - 95.10, a 5-10mm carbonate stringer at 0-10° to the core axis. Carries 2-3% pyrite, pyrrhotite and chalcopyrite.							
	@ 98.39, a 30mm quartz vein at 40° to the core axis. Parallels schistosity and is barren.							

FROM — TO	DESCRIPTION	SAMPLE No	FROM — TO	SAMPLE LENGTH	ASSAYS		
					Au (ppb)		
26.32 - 143.55	(Cont...) @ 101.26, a 70mm zone that probably represents a pillow selvage. Contains very fine hazy hyaloclastite and carries minor pyrrhotite.						
105.90 - 110.30	Core carries minor fine pyrrhotite and very minor chalcopyrite generally concentrated about irregular quartz carbonate stringers.						
120.07 - 120.75	Core carries 1-2% fine pyrrhotite and chalcopyrite.						
127.56 - 127.81	Quartz carbonate vein at 20° to the core axis. Parallels schistosity and is barren.						
128.64 - 128.94	Quartz carbonate vein at 65-80° to the core axis. Crosses schistosity and has 30-40% coarse pink clinozoisite.						
129.58 - 129.77	Quartz carbonate vein at 80° to the core axis. Crosses schistosity and has 40% coarse pinkish clinozoisite.						
@ 130.13	a 90mm quartz carbonate vein at 65° to the core axis. Crosses schistosity and is barren.						

FROM — TO	DESCRIPTION	SAMPLE No	FROM — TO	SAMPLE LENGTH	ASSAYS				
					Au (ppb)				
26.82	143.55 (Cont...)								
	138.10 - 143.55								
	Core becomes much finer grained and medium green in colour. Still carries minor fine leucoxenes. Possibly pillowed.								
	138.43 - 138.88								
	Irregular quartz carbonate vein with 40-45% coarse pink clinozoisite.								
	@ 142.49, a 30mm vein at 30° to the core axis. Parallels schistosity and is 90-95% pinkish clinozoisite.								
143.55	160.70 MASSIVE MAFICS								
	Light green, fine grained and moderately hard. Unit is possibly pillowed with occasional hazy chloritic zones. Unit has 10% irregular carbonate zones and stringers with minor pyrite and pyrrhotite.								
	160.52 - 160.70								
	Carbonate quartz vein at 50° to the core axis. Parallels schistosity and is barren.								
160.70	165.79 FLOW BRECCIA								
	Weakly developed flow or pillow breccia. Light to dark green, fine grained and moderately soft throughout. Large rounded mafic fragments in a dark green chloritic matrix. Matrix full of hyaloclastite shards. Matrix carries 1-3% pyrrhotite and pyrite with minor chalcopyrite.								

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
165.79	167.12							
	CARBONACEOUS INTERFLOW SEDIMENT							
	Dark grey to black, fine grained and moderately hard. Has a weakly developed bedding at 40° to the core axis. Schistosity is weak to moderate at 40-45° to the core axis. Carries 7-10% pyrrhotite and pyrite with minor chalcopyrite. Unit also has 1-2% sphalerite in flat fractures and carbonate nodules.							
	@ 166.19, a 50mm mafic inclusion generally paralleling schistosity. Carries 1-3% fine pyrrhotite.							
167.12	217.59							
	PILLOWED, VARIOLITIC, HYALOCLASTITE UNIT							
	Unit predominated by hyaloclastite, with closely packed shards quite common. Pillow selvages occur throughout the unit, but generally are surrounded by hyaloclastite. Varioles tend to occur in non-brecciated sections of core about the edges of pillow selvages. Core is medium to dark green, fine grained and moderately soft. Unit is also moderately amygdaloidal, with 1-3mm carbonate filled amygdules. Unit distinctive and locally may be quite spectacular.							
	167.12 - 170.80 Core carries minor pyrrhotite, chalcopyrite and sphalerite.							
	174.54 - 175.48 Zone with large 15-20mm light green varioles.							
	@ 185.92 Minor sphalerite in thin irregular quartz zone.							

FROM — TO	DESCRIPTION	SAMPLE No	FROM — TO	SAMPLE LENGTH	ASSAYS				
167.12	217.59 (Cont...)								
	187.87 - 188.10 Brecciated zone with angular hyaloclastite fragments in a dark grey-green matrix.								
	200.50 - 207.50 Core carries minor pyrrhotite, chalcopyrite and sphalerite.								
	210.00 - 217.59 Section with several variolitic bands coalesced together. Grey in colour and are quite siliceous.								
	215.44 - 215.83 Brecciated zone with fragments of hyaloclastite in a black carbonaceous matrix.								
	216.88 - 217.55 Dark grey to black carbonaceous zone with 1-3% fine pyrite.								
	@ 217.55, a 40mm grey cherty zone at about 35-40° to the core axis. Quite hard and contains several micro-faults.								
217.59	289.11 MASSIVE MAFICS								
	Dark green, medium to coarse grained and moderately hard. Unit is massive with a weak schistosity at 40-45° to the core axis. The core carries 2% fine white fibrous leucoxenes throughout. Locally unit has carbonaceous filled fractures and zones. Carries very minor pyrite.								
	@ 227.02, a 20mm quartz vein at 45° to the core axis. Crosses schistosity and is barren.								

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
17.59	289.11 (Cont...)							
	@ 227.57, a 5mm quartz carbonate vein at 40° to the core axis. Crosses schistosity and carries 2% pyrrhotite and chalcopyrite.							
	231.09 - 231.35 Irregular black carbonaceous zone with 20-25% intermixed carbonate. Carries 1-3% pyrite and minor chalcopyrite.							
	@ 248.53, a 4-12mm carbonaceous fracture at 40° to the core axis. Parallels schistosity and carries 5-10% fine pyrite.							
	248.77 - 249.67, a 3-7mm carbonaceous filled fracture at 5-10° to the core axis. Crosses schistosity and carries 10-15% fine pyrite.							
	@ 253.13, a 100mm carbonaceous zone at 30° to the core axis. Crosses schistosity and carries 2-3% fine pyrite.							
	At approximately 257.40 pyrrhotite starts to reappear in minor amounts.							
	260.29 - 260.40 Carbonaceous zone at 65° to the core axis. Parallels schistosity and carries 5-7% pyrrhotite and minor chalcopyrite.							

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
17.59 - 289.11	(Cont....)							
	263.61 - 264.39 Dark grey to black carbonaceous zone with 10-15% intermixed carbonate stringers. Carries 2% fine pyrrhotite.							
	265.48 - 266.24 Dark grey carbonaceous zone.							
	266.24 - 266.90 Ground, broken core							
	266.90 - 267.00 Lost core							
	@ 267.83, a 80mm light grey bleached zone at 40° to the core axis. Parallels schistosity and carries 3-5% pyrrhotite and minor pyrite.							
	@ 269.03, a 90mm light grey zone at 30-40° to the core axis. Parallels schistosity and carries 10-15% fine pyrrhotite.							
	@ 276.94, a 30mm siliceous zone at 35-40° to the core axis. Parallels schistosity and carries 2-5% pyrrhotite and pyrite.							
	@ 280.85, a 60mm siliceous zone at 40° to the core axis. Parallels schistosity and carries 10-15% pyrrhotite and pyrite.							
	@ 281.34, a 50mm siliceous zone at 35° to the core axis. Parallels schistosity and carries 3-5% pyrite and pyrrhotite.							

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

PROPERTY Whitney Twp.
Rousseau Option

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FROM — TO		DESCRIPTION	SAMPLE No	FROM — TO	SAMPLE LENGTH	ASSAYS			
17.59	289.11	(Cont...)							
		284.90 - 287.89 Medium green core with a slight increase in carbonate alteration.							
		@ 286.38, a 60mm carbonate zone with minor intermixed carbonaceous material. Carries 10-15% pyrite and pyrrhotite and minor chalcopyrite.							
		287.87 - 288.34 Strongly sericitic broken core with local carbonaceous fractures. Carries 5% fine pyrrhotite and pyrite.							
		288.34 - 289.02 Broken mafics with several short graphitic sections. Carries 5-10% pyrite and pyrrhotite.							
		289.02 - 289.11 Ground graphitic Mud - Fault gouge.							
289.11	303.70	ULTRAMAFIC VOLCANICS							
		Light to medium green, fine to medium grained and quite soft. Core is strongly carbonated and moderately talcose. Locally is strongly sheared because of the adjacent fault zone. Schistosity is strong at 40° to the core axis. Carries 10-15% thin carbonate stringers generally paralleling schistosity. Also carries minor pyrite.							
		289.11 - 291.96 Medium grained, moderately carbonated core. Strongly sheared, locally contorted with 1% fine pyrite.							

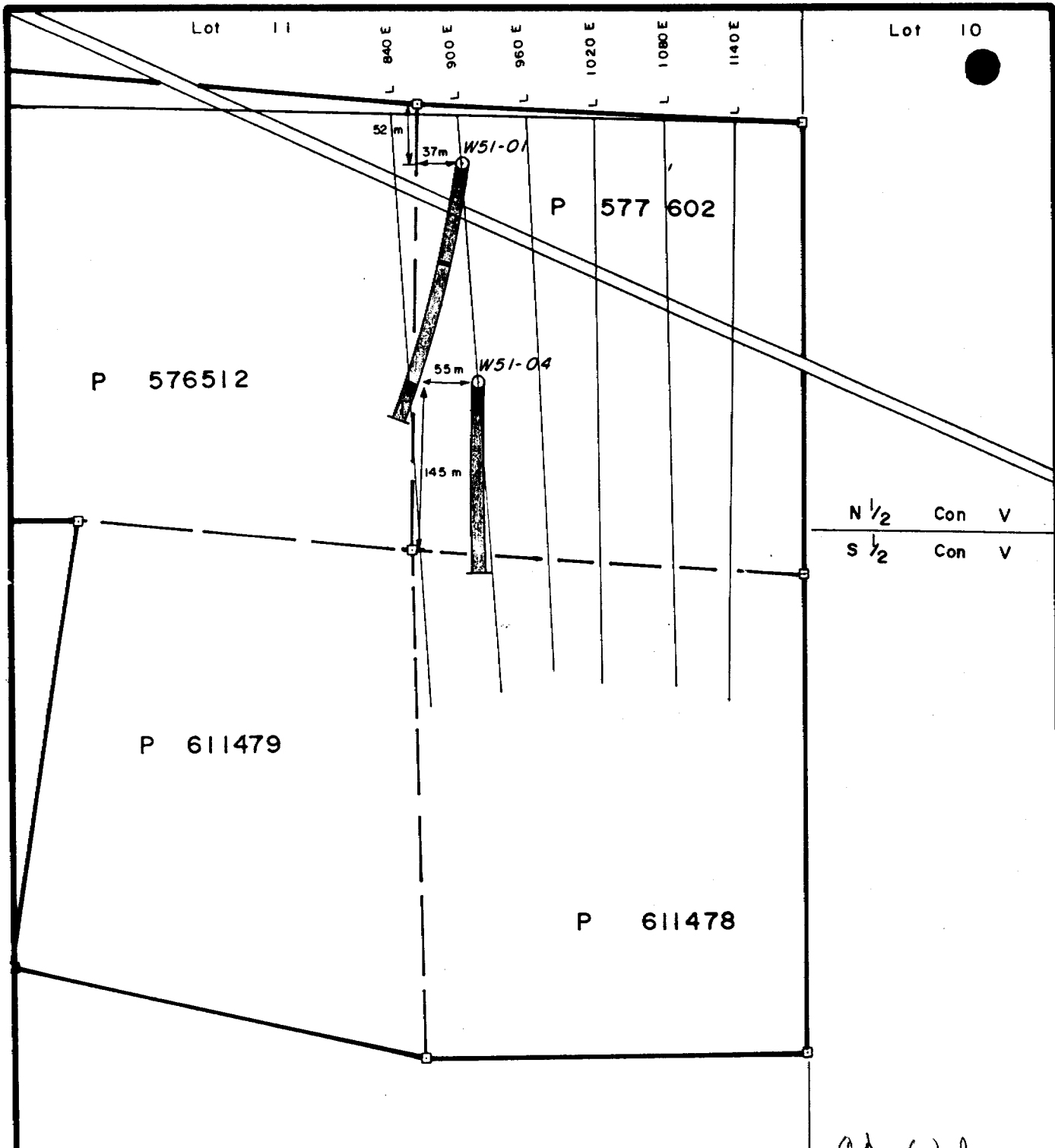
LOGGED BY : J. Der Weduwen DATE March, 1983

PROPERTY Whitney Twp.
Rousseau Option

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FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
289.11	303.70 (Cont...)							
	289.33 - 289.64, a 10-15mm irregular quartz stringer with 1-2% fine pyrite.							
	@ 291.58, a 90mm quartz vein at 35-40° to the core axis. Parallels schistosity and is barren.							
	@ 292.33, a 120mm quartz vein at 50° to the core axis. Parallels schistosity with minor carbonate inclusions.							
	298.08 - 298.32 Broken quartz vein at approximately 20° to the core axis. Crosses schistosity with 20% carbonated inclusions.							
	@ 298.49, a 15mm quartz vein at 70° to the core axis. Crosses schistosity and is barren.							
303.70	337.10 ALTERED PILLOWED MAFICS							
	Light to medium green, fine grained and moderately soft. Core is weakly pillowed with hazy 10-60mm chloritic selvages. Unit is moderately carbonated and sericitic throughout. Schistosity is strong at 45-50° to the core axis. Has minor thin irregular carbonate stringers and carries very minor pyrite.							
	From 307.15 on, core gradually becomes a light grey-green to buff in colour. Strongly carbonated and sericitic.							

FROM — TO		DESCRIPTION	SAMPLE NO	FROM — TO		SAMPLE LENGTH	ASSAYS							
303.70	337.10	(Cont...)												
		@ 319.59, a 110mm quartz carbonate vein at 30° to the core axis. Parallels schistosity and carries 1-3% light brownish tourmaline? and minor chalcopyrite.												
		321.37 - 321.49 Quartz carbonate vein at 55° to the core axis. Crosses schistosity and carries 2-3% brownish tourmaline?												
		331.43 - 331.64 Quartz carbonate vein at 25-30° to the core axis. Parallels schistosity with 20% carbonated inclusions.												
	337.10	END OF HOLE												



N 1/2	Con	V
S 1/2	Con	V

LEGEND

- SEDIMENTS
- MAFIC VOLCANICS
- ULTRAMAFIC VOLCANICS

P. Der Weduwen

KIDD CREEK MINES LTD.
Exploration Division Timmins, ONTARIO

WHITNEY GOLD-ROUSSEAU OPTION
WHITNEY Twp.
DRILL PLAN
W 51-01 and
W 51-04

SCALE: 1 : 5,000	Date: Der Weduwen
Drawn: DEL	Project N ^o : 70
Date: 24 / 04 / 84	

P 576512

P 577602

3 S

2 S

1 S

W51-01

337.10 m

Massive mafics

Carbonaceous sediments

Pillowed, variolitic, hyaloclastite bearing mafic

Massive mafics

Ultramafics

Altered, pillowed mafics

LEGEND



SEDIMENTS



MAFIC VOLCANICS



ULTRAMAFIC VOLCANICS

J. Der Weduwen

KIDD CREEK MINES LTD.

Exploration Division

Timmins, ONTARIO

WHITNEY GOLD - ROUSSEAU OPTION

WHITNEY Twp.

SECTION FOR

W 51-01, L 9 E

(LOOKING WEST)

SCALE: 1 : 2000

Date: Der Weduwen

Drawn: DEL

Project N°: 70

Date: 24/04/84

KIDD CREEK MINES LTD.

EXPLORATION DIVISION

DRILL HOLE RECORD

Whitney Gold

HOLE NO. W-51-04 PROPERTY Rousseau Option PROJECT NO. 70 CONTRACTOR Bradley Bros. START 09/04/83

FINISH 17/04/83

COORDINATES Grid Location: Latitude 19+00E UTM: Lat. Surveyed: Lat. Mine Grid: Lat.

Departure 2+35S Dep. Dep. Dep.

Elevation Elev.

COLLAR ATTITUDE Azimuth 180° Dip -50° LENGTH 256.16m CORE SIZE BQ
840 feet

INCLINATION TESTS

Acid Tests

Compass Tests

Depth	Dip	Depth	Dip

Depth	Dip	Azimuth	True Azimuth

REMARKS Hole located 55 metres east and 145 metres north of #3 post claim P 577602.
All casing pulled.

J. Der Weduwen

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
0.00	38.10	CASING						
38.10	128.64	MASSIVE MAFICS						
		Light to dark green, medium to coarse grained and moderately hard. Unit is massive with a weak schistosity at 45° to the core axis. Core has 1-2% fine white leucoxenes throughout that is characteristic of this unit. Core is weakly fractured and dilated, which have been filled with a fine carbonaceous material. Locally core has minor quartz and carbonate veining and carries minor pyrite.						
		@ 38.73, a 60mm carbonate vein at 40-60° to the core axis. Parallels schistosity with 35-30% buff clinozoisite crystals and 1-3% chalcopyrite.						
		39.20 - 39.93 Broken core						
		39.93 - 40.23 Lost core						
		@ 40.38, a 90mm carbonate zone - irregular contacts. Light grey to white, fine grained with 2-5% fine pyrite.						
		42.88 - 43.48 Badly broken core						
		43.48 - 43.58 Lost core						
		44.13 - 46.45 Badly broken core						
		46.45 - 49.68 Lost core						
		@ 50.23, a 10-15mm quartz vein at 20° to the core axis. Crosses schistosity and carries minor pyrite.						

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
38.10 - 128.64	(Cont...)							
	50.34 - 51.68 Broken core							
	54.30 - 56.27 Badly broken core							
	@ 57.70, a 20mm quartz vein at 45-50° to the core axis. Parallels schistosity with 5-10% fine pyrite. Minor intermixed grey carbonate.							
	@ 59.25, a 50mm fine grained carbonaceous zone at 40° to the core axis. Crosses schistosity with 5-7% fine clotty pyrite.							
	59.30 - 59.86 Broken core							
	@ 60.17, a 20mm carbonate vein at 40° to the core axis. Crosses schistosity with minor pyrrhotite, pyrite and chalcopyrite. Buff coloured and coarse grained.							
	61.40 - 61.56, a 30mm carbonaceous zone at 15° to the core axis. Crosses schistosity with 50-55% intermixed grey carbonate. Carries 5-10% fine pyrite.							
	@ 61.84, a 70mm fine, black carbonaceous zone at 30° to the core axis. Crosses schistosity and carries 2-3% fine pyrite.							
	@ 68.61, a 60mm black carbonaceous zone at 75° to the core axis. Parallels schistosity with minor fine pyrite.							
	71.93 - 72.76 Badly broken core							

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
38.10	128.64	(Cont...)						
		74.06 - 74.26	Badly broken core					
		@ 75.91, a 50mm carbonaceous zone at 65° to the core axis. Parallels schistosity and carries 3-5% fine pyrite.						
		76.22 - 77.15	Broken core					
		81.47 - 94.12	Dark green coarse grained section with leucoxene crystals up to 3mm in length. Dioritic phase. Carries minor fine pyrite.					
		@ 85.87, a 30-40mm carbonaceous zone at 20° to the core axis. Crosses schistosity. Light grey in colour and very fine grained.						
		@ 93.00, a 30mm carbonaceous zone at 25° to the core axis. Crosses schistosity with 50% intermixed carbonate.						
		94.12 - 100.90	Light green very coarse grained phase. Has minor thin irregular carbonate stringers.					
		@ 94.71 minor fault zone at 20° to the core axis. Minor drag folding about the fault.						
		@ 95.55, a 60mm carbonaceous zone at approximately 45° to the core axis. Contacts quite irregular and zone carries 1% fine pyrite.						

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

PROPERTY Whitney Gold-Rousseau Option

HOLE NO W-51-04 PAGE NO 4

FROM	TO	DESCRIPTION	SAMPLE NO	FROM	TO	SAMPLE LENGTH	ASSAYS			
38.10	128.64	(Cont...)								
		@ 97.80, a 50mm carbonaceous zone at approximately 75° to the core axis. Zone appears brecciated with the carbonaceous material concentrated in the matrix.								
		@ 99.36, a 50mm carbonaceous zone at 30-60° to the core axis. Crosses schistosity and carries 1-2% fine pyrite.								
	104.31 - 104.44	Carbonate zone at 15° to the core axis. Crosses schistosity and carries minor chalcopyrite. True width is not known.								
	105.06 - 114.75	Section with several broken core sections.								
	114.75 - 128.64	Light to medium green, fine grained phase. Still carries 1% very fine white leucoxenes. Unit is often partially broken.								
	114.75 - 118.78	Broken core								
	120.39 - 120.73	Broken carbonaceous zone with 10-15% fine pyrite.								
	121.43 - 122.26	Broken core								
		@ 127.03, a 20mm brecciated quartz vein at 55° to the core axis. Parallels schistosity.								

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
38.10	128.64 (Cont...)							
	127.25 - 127.83 Broken core							
	@ 127.89, a 40mm carbonate zone at 60° to the core axis. Parallels schistosity and carries 10% mafic inclusions.							
	@ 128.10, a 100mm carbonaceous zone at 50-70° to the core axis. Crosses schistosity and carries 3-5% fine clotty pyrite.							
	@ 128.64 possible flow contact at approximately 45° to the core axis. Somewhat irregular.							
128.64	133.27 AMYGDALOIDAL MAFICS							
	Light to medium green, fine grained and strongly amygdaloidal throughout. The amygdules range from 1-3mm in diameter and are often locally concentrated. Schistosity is weak at 40 to 45° to the core axis. The unit is intensely fractured throughout that have been filled with carbonaceous material. The unit also has minor thin carbonate stringers.							
	129.08 - 129.67 Strongly fractured zone that has dilated and been filled with a fine black carbonaceous material. Carbonaceous material carries 20-25% fine masses pyrite.							
133.27	134.67 GRAPHITIC ZONE							
	Grey to black, fine grained and moderately hard. The unit in part are							

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
133.27	134.67	(Cont...)						
		strongly fractured mafics with carbonaceous material in the fractures.						
		Schistosity is weak at 40-45° to the core axis. Locally core is strongly graphitic, soft and usually broken. Unit carries 2-5% fine pyrite.						
		134.03 - 134.67 Badly broken graphitic core. Possible fault zone.						
134.67	187.23	ALTERED MAFICS						
		Light to medium green, fine grained and moderately soft. Unit is weakly pillowed with thin 10-20mm chloritic selvages. Core is strongly carbonated and sericitic throughout. Schistosity is strong at 50-55° to the core axis. Unit carries 5% carbonate as thin irregular stringers and locally minor pyrite.						
		134.67 - 137.60 Broken, strongly sheared core. Locally shearing is contorted and drag folded.						
		141.71 - 170.18 Core becomes light grey to buff in colour and fine grained. Well pillowed and strongly carbonated and sericitic. Locally weakly amygdaloidal.						
		148.13 - 151.32 Dark grey to buff-grey phase. Very strongly carbonated.						
		@149.10, a 20-30mm quartz carbonate vein at 40° to the core axis. Parallels schistosity with 1% fine clotty pyrite. Light pinkish colour.						

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
134.67	187.23 (Cont...)							
	@ 156.11, a 20mm carbonate vein at 70° to the core axis. Parallels schistosity and carries minor mafic inclusions.							
	@156.68, a 120mm quartz carbonate vein at 40 to 60° to the core axis. Parallels schistosity and has 5-10% wispy sericitic inclusions. Carries 1% fine pyrite.							
	160.75 - 164.10 Core carries minor clotty pyrite and locally minor chalcopyrite.							
	@ 166.63, a 30mm carbonate vein at 55° to the core axis. Parallels schistosity and carries minor mafic inclusions.							
	170.18 - 187.23 Light green, fine grained phase of unit. Still moderately carbonated and sericitic. Carries minor very fine leucoxene crystals. Has 1% thin quartz stringers paralleling schistosity							
	@ 179.85, a 40mm quartz carbonate vein at 65° to the core axis. Parallels schistosity with 20% grey wisp inclusions and minor pyrite.							
	@ 181.38, a 20-25mm carbonate quartz vein at 70° to the core axis. Parallels schistosity with 10% wispy mafic inclusions.							

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
134.67	187.23	(Cont...)						
		@ 181.56, a 45mm carbonate vein at 60° to the core axis. Parallels schistosity and carries 10% wispy mafic inclusions.						
		@ 186.44, a 35mm carbonate vein at 70° to the core axis. Parallels schistosity and is barren.						
		186.70 - 187.23 Possibly flow brecciated section. Hazy due to the carbonate and sericitic alteration.						
187.23	206.04	MASSIVE ALTERED MAFICS						
		Light to medium grey-green to grey-buff, medium grained and moderately soft. Unit is massive with a moderate schistosity at 50-55° to the core axis. Unit is both carbonated and sericitic throughout. Unit carries 1-2% fine white needle-like leucoxenes. Locally carries minor pyrite.						
		186.96 - 190.21 Core has several thin irregular quartz stringers and 1% fine clotty pyrite.						
		195.09 - 195.34 Carbonate vein at 60° to the core axis. Crosses schistosity with 5% mafic inclusions and minor amounts of a brownish mineral - tourmaline?						
		198.20 - 199.13 Badly broken core.						

FROM — TO	DESCRIPTION	SAMPLE NO	FROM — TO	SAMPLE LENGTH	ASSAYS			
187.23	206.04	(Cont...)						
		199.13 - 202.99	Partially broken core with occasional short brecciated zones - in situ brecciation?					
		202.99 - 206.04	Badly broken core with 2.27 metres lost. In part sandy; probably representing a fault gouge.					
206.04	256.16	MASSIVE MAFICS						
			Medium green, medium grained and moderately hard. Unit is massive with a weak schistosity at 50-55° to the core axis. Core is weakly chloritic and local epidotized. Unit has 1% fine white leucoxenes throughout. Has minor quartz veining and locally minor pyrite and chalcopyrite.					
		230.76 - 231.13	Carbonate vein at 15° to the core axis. Crosses schistosity with 30-35% buff clinozoisite crystals, 5-10% wispy chloritic inclusions and 10% pale green inclusions?.					
		238.24 - 238.53	Quartz vein at 40° to the core axis. Parallels schistosity with 15% mafic inclusions and 10% light green epidotized inclusions. Contacts have branching quartz stringers.					
		238.53 - 239.80	Core has 10% quartz as thin irregular stringers and is a light to medium green in colour. 5% large 3-5mm carbonate needles occur throughout the unit.					

5 S

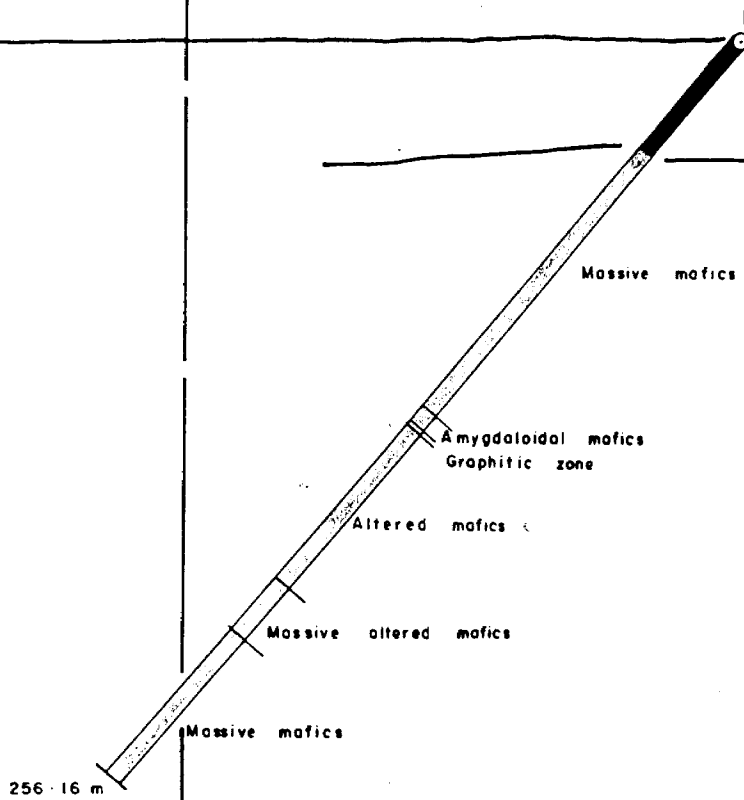
4 S

3 S

P 611478

P 577602

W51-04



LEGEND



MAFIC VOLCANICS

J. Der Weduwen

KIDD CREEK MINES LTD.

Exploration Division

Timmins, ONTARIO

WHITNEY GOLD - ROUSSEAU OPTION

WHITNEY Twp.

SECTION FOR

W 51 04 , L 9 E

(LOOKING WEST)

SCALE: 1 : 2000

Date: DerWeduwen

Drawn: DEL

Project N°: 70

Date: 24/04/84



Report of Work

Whitney Twp.

180/84

The Mining Act

Instructions - Apply required data on a separate form for each type of work to be recorded (see table below). For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Name and Postal Address of Recorded Holder: KIDD CREEK MINES LTD. 571 Moneta Avenue, Timmins, Ontario P4N 7H9. Prospector's Licence No. T-1

P.O. Box 1140, Timmins, Ontario P4N 7H9

Summary of Work Performance and Distribution of Credits



900

Table with columns: Total Work Days Cr. claimed (1946), Mining Claim (Prefix P, Number (See attached sche)), Work Days Cr. Includes checkboxes for Manual Work, Shaft Sinking, Compressed Air, Power Stripping, Diamond or other Core drilling, Land Survey.

All the work was performed on Mining Claim(s): 576512, 577602, 611478

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Whitney Township. Drill Hole W51-01 - Claim P 577602 - 893 days work. Drill Hole W51-04 - Claim P 577602 - 748 days work. Drilling by: Bradley Brothers Limited, Highway 101 West, Timmins, Ontario. Drilling conducted from March 22 to April 17, 1983. Includes 'RECORDED' stamp and 'RECEIVED' stamp from Porcupine Mining Division.

Certification Verifying Report of Work. I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Jack M. Der Weduwen, 571 Moneta Avenue, Timmins, Ontario P4N 7H9. Date Certified: April 24, 1984. Certified by (Signature): J. Der Weduwen

Table of Information/Attachments Required by the Mining Recorder

Table with 4 columns: Type of Work, Specific Information per type, Other Information (Common to 2 or more types), Attachments. Rows include Manual Work, Shaft Sinking, Compressed air, Power Stripping, Diamond or other core drilling, Land Survey.

SCHEDULE OF MINING CLAIMS

DISTRIBUTION OF WORK CREDITS

MINING CLAIM

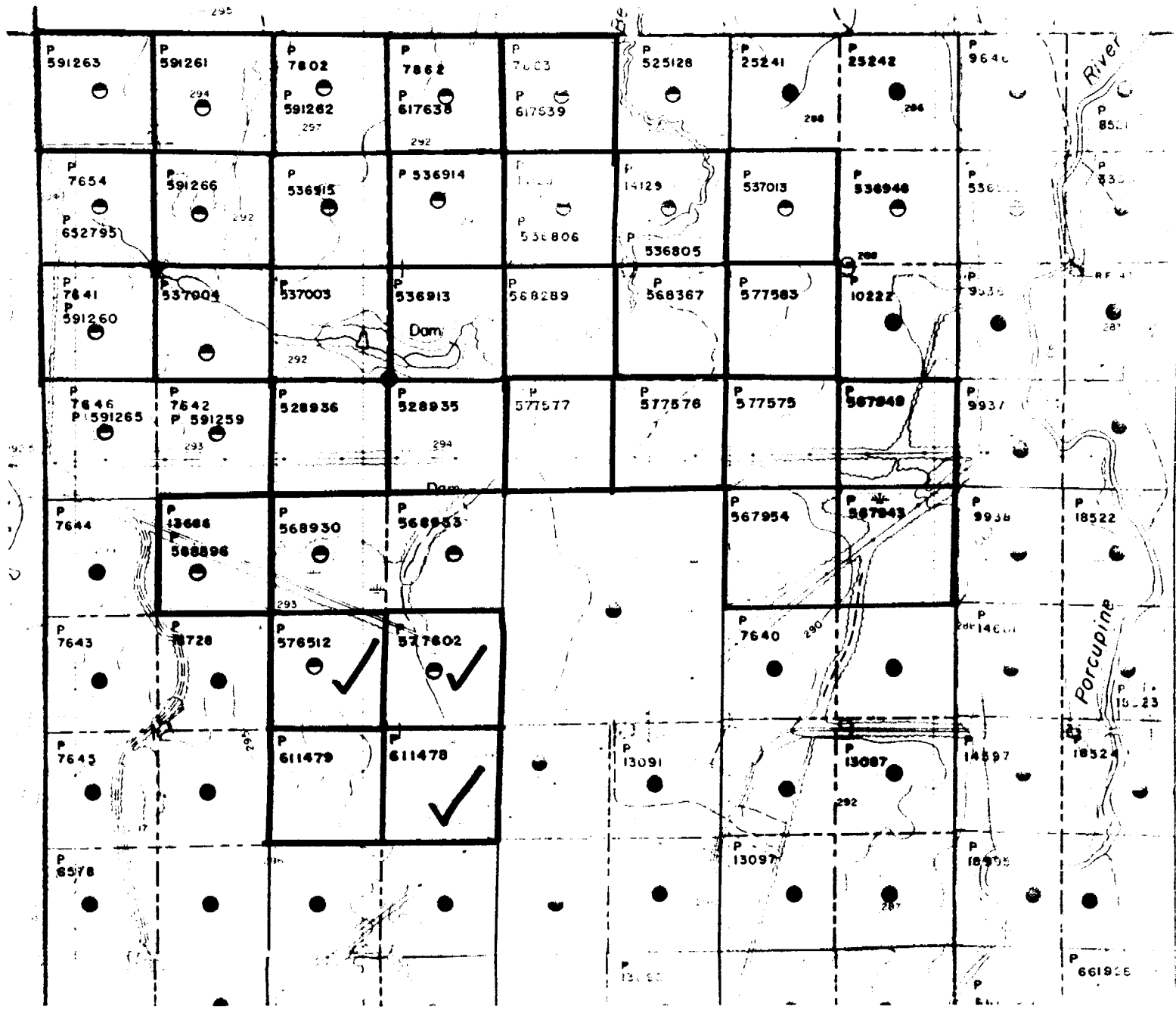
WORK CREDITS

P	528935	40
P	528936	40
P	536805	60
P	536806	60
P	536913	40
P	536914	60
P	536915	60
P	537003	40
P	537004	40
P	537013	60
P	567943	60
P	567949	60
P	567954	60
P	568289	60
P	568367	60
P	577575	59
P	577576	49
P	577577	49
P	577583	49
P	591260	80
P	591261	80
P	591262	80
P	591263	80
P	591266	XII
P	617638	80
P	617639	80
P	568896	80
P	576512	60
P	577602	60
P	611478	100
P	611479	100

RECORDED
APR 27 1984
Receipt No.

FORCUPINE MINING DIVISION
RECEIVED
APR 27 1984
A.M. P.M.
7|8|9|10|11|12| 1|2|3|4|5|6

- Pipeline**
(above ground)
- Railroad**
- Single Track**
- Double Track**
- Abandoned**
- Turntable**
- Road**
- Highway, County
- Township
- Access (road of doubtful maintenance or significant driveway)
- Trail, Bush Road (portage, alley)
- Rapids**
- Double line river with multiple rapids
- Double line river with multiple rapids
- Reservoir**
- River, Stream, Canal**
- Approximate seasonal
- Direction of flow
- Rock** significant
- Shoal**
- Spot Elevation** (above elevations)
- Tower**
- Transmission Line**
- Poles
- Pylons
- Tunnel**
- Utility Poles**
- Wharf, Dock, Pier**
- Wooded Area**



FROM DISPOSITION