

DIAMOND DRILLING

The second se

ŝ

Constitution of the

.

ŗ.

Section and a section of the

 $(\widehat{S},\widehat{\widetilde{S}}_{2},\ldots,\widehat{S}_{N})^{1/2}$

ġ,

AREA: PUKASKWA RIVER

REPORT NO: 13

WORK PERFORMED FOR: Villeneuve Resources Ltd.

RECORDED HOLDER	: Same as Abo : Other	ve [xx] []		
<u>Claim No.</u>	<u>Hole No.</u>	Footage	Date	<u>Note</u>
992130	MO-88-01 MO-88-02 MO-89-03	329.0' 529.0' 251.0'	Aug/88 Aug/88 Aug/88	(1) (1) (1)
992137/ 996253	MO-88-04	200.0'	Aug/88	(1)
992131	MO-88-05	249.0'	Aug/88	(1)
992155	MO-88-06	329.0'	Aug/88	(1)

NOTES: (1) W8905.069, date filed June/89

ILLENEU	JVE RESC	DURCES LTD.		Hole No.	MO-88-	-01	Pa	ge 1	of 2		
Property Districa ITS: Township Daim Nu	y: t: p/Area: umber:	MIRON OPTION THUNDER BAY DISTRICT 42 C/4 PUKASKWA RIVER AREA 992130	H	ole Locatio	on Lind Stat Elev Azin Dip	e: tion: vation: nuth: :	5+50E 5+00N 180° -45°				•
ate Sta ate Con	arted: npleted:	AUGUST 15, 1988 August 18, 1988	H	ole Length	3:	29.0 ft	. Co	re Siz	e BQ		
ogged I prilled bjectiv	By: By: Ve:	B. D'SILVA/M. PUDIFIN OLYMPIC DRILLING VLF CONDUCTOR AND SHEAR	ONTARIO IEO / ASSESSA OF	ID TOOTOI	ctual I Depth	Dip					
FOOTAGE	5	DESCRIPTION	MAY	18 1989	SAMPLE	FROM	то	WIDTH feet	Au oz/t	Ag oz/t	
From	То		RECI	EIVED							
0	3.66	CASING									
3.66	12.00	MAFIC VOLCANIC, f. gr. grey stringers, minor quartz vein at 120° to C/A, silicified m silicified tuffaceous horizo Py, tr. carbonate, at 15.69- silicified mafic tuff, mottl 1-2% diss Py	green loca s sharp lo assive nar ns, locall 18.77 m (5 ed, locall	lly carb. wer ctc row y 1 to 2% l'6"-61'6) y carb.	1751 1752	51.42 56.17	56.17 61.50	4.75 5.33	Nil Nil	N.D. N.D.	
12.00	36.56	DIABASE DYKE, f. gr. dark gr sharp upper contact at 120° lower contact at 140° to C/A lower contact marked by init carbonate stringers and vein	een, highl to C/A, br , massive, ial appear s	y magnetic ecciated brec. ance of							.
36.56	119.92	BRECCIA ZONE, numerous quart and stringers, brecciated, m diabase, chloritic, highly c	z-carbonat oderate ma arbonate	e veins gnetic	1753 1754	119.92 125.75	125.75 131.83	5.83	Nil Nil	N.D. 0.03	
110 00	131 67	FELSIC FRAGMENTAL, felsic cl			1755	121 02	122 02		Tr		

''n 🏚

Hole No. | MO-88-01

Page 2 of 2

Property:

FOOTAG	E	DESCRIPTION		FROM	то	WIDTH	Au oz/t	Ag	
From	То		NUMBER			1000	02/0	0270	
131.67	152.17	sharp upper contact at 130° gradational lower contact stretched frags. at 40° to C/A MAFIC TUFF-brecciated locally, upper contact marked by initial Py, Po banding, fragments at 40° to C/A, local bands and blebs Py (≤3%), generally less than 1 cm wide tr. carbonate, frags (≤4 cm) siliceous, with hem, stain, tr.	1756 1757 1758 1759 1760 1761 1762	133.67 137.75 141.83 145.92 149.92 154.67 159.33	137.75 141.83 145.92 149.92 154.67 159.33 162.50	4.08 4.08 4.09 4.0 4.75 4.66 3.17	Nil Tr. Nil Nil Tr. Tr. Tr.	N.D. 0.03 N.D. N.D. 0.03 N.D. N.D.	
152 17	329 00	chlorite on fracture surfaces, f. gr. grey green	1763	162.50	165.58	3.08	Nil	N.D.	ļ
		At 51.30 to 51.75 m (168'2" to 169'9") massive Py, in silicified mafic ton intermed. tuff (~45m wide) $(1\frac{1}{2})$, vuggy, (45.42 to 58.16) (149' to 191') Po, Py stringers silicified mafic to intermed. tuff up to 25% Py, Po massive zone	1764 1765 1766 1767 1768 1769	165.58 167.17 170.92 173.33 177.92 182.83	167.17 170.92 173.33 177.92 182.83 187.58	1.59 3.75 2.41 4.59 4.91 4.75	Nil Nil Nil Nil Tr. Nil	N.D. N.D. N.D. N.D. N.D. N.D.	
		At 58.16 m (191') highly carb. zone silicified, tr. Py, Po diss. brecciated locally, tr. limonite near upper contact, minor qz veins	1770 1771 1772 1773	187.68 192.25 197.0 201.75	192.25 197.0 201.75 206.58	4.67 4.75 4.75 4.83	Nil Nil Tr. Tr.	N.D. N.D. N.D. N.D.	•
	329.00	END OF HOLE							
		•							
						s		•	•

VILLENEUVE RESOU	RCES LTD.	Hole No. M	Page	1	of	3	
Property: District: NTS: Township/Area: Claim Number:	MIRON OPTION THUNDER BAY 42 C/4 PUKASKWA RIVER AREA 992130	Hole Location	Line: Station: Elevation: Azimuth: Dip:	4+50E 5+40N 140° -45°	,		
Date Started:	AUGUST 20, 1988	Hole Length	529.0 ft.	Core	Siz	e	BQ
Logged By:	B. D'SILVA/M. PUDIFIN	Dip Tests: Act Dep	ual Dip th			1	
Objective:	VLF CONDUCTOR AND FELSIC SHEAR A	T DEPTH					

.

FOOTAC	ЭE	DESCRIPTION	SAMPLE	FROM	то	WIDTH	Au	Ag	
From	То		NUMBER			Teet	oz/t	OZ/t	
0	5.00	CASING							
5.00	89.00	FELSIC TUFF garnetiferous, garnets \leq 1 mm, concentrated in thin am-rich bands and diss., tuff appears fragmental locally, silicified, grey-green, med. gr. minor carb. stringers and quartz veins banding at 50° to C/A, locally tr. 1% Po, qz carb. veinlets at low angles and sub- parallel to C/A siliceous lower contact ground, 5'-19' limonite, 58'7"-73'10" mineralized, cherty frags, garnets	1809 1810 1811 1812 1813	58.42 61.75 66.46 71.08 79.33	61.58 66.46 71.08 73.83 82.67	3.16 4.71 4.62 2.75 3.34	Tr. Tr. Nil Tr. Tr.	N.D. N.D. N.D. N.D. N.D.	.
89.00) 119.00) 179.00	GROUND CORE - graphitic mudstone friable, jasperoid bands, hem. stain locally carb, chloritized METASEDS, f. gr., grey-green-black, sharp fractures visible, rare qtz eyes carb. along fracture surfaces, fractures at 30-45° to C/A feldspar - clay alteration interfingered tuffaceous units laminations at 30° to C/A	1814	100.83	102.67 ON	1.84 ARIO GEO ASSESSI OF MAY	Nil Logical MENT FI FICE 8 1981	N.D. SURVEY ES	•

Hole No. | MO-88-02

Page 2 of

1.

3

Property:

FOOTAG	E	DESCRIPTION	SAMPLE	FROM	то	WIDTH	Au	Ag	
From	То		NUMBER			Teet	02/0	02/0	
179.00	194.67	<pre>siliceous, 136'10"-138'5" Am-rich, garnetiferous 139'-139'6" Am-rich, garnetiferous Gradational contact into qz eye tuff FELSIC QUARTZ EYE TUFF, f. gr. grey-green str. carb., siliceous ≤ 10% blue qz eyes, minor qz veinlets at 25° to C/A ± 1% Py, Po diss. chl. carb. veinlets at 50° to C/A 181'10"-2" Py, Po (90:10) blebs vuggy</pre>	1815	181.0	182.67	1.67	Tr.	N.D.	
194.67	256.08	Gradational contact in felsic fragmental FELSIC FRAGMENTAL, siliceous, grey with white cherty, stretched frags at 50° to C/A, carb. stringers at 50° to C/A chlorite, ≤ 3% Py, Po diss and in blebs	1816 1817 1818 1819	208.42 211.0 212.0 215.0	211.0 212.0 215.0 219.0	2.58 1.0 3.0 4.0	Tr. Nil Nil Nil	N.D. N.D. N.D. N.D.	
256.08	456.67	Sharp lower contact at 40° to C/A MAFIC VOLCANICS-dk green, f. gr. highly carb. tr. Po diss. locally magnetic massive, rare qz carb. veins, 256'1"-299' flow top breccia 260'10"-261'7" 9" qtz and vein at 30° to C/A 282'10.5"-283'1" brecciated qz-carb. vein with chlorite seams, tr. Py, Po at 40° to C/A, 283'7"-283'9" 2" qz-carb. vein at 20° to C/A tr. Py, chlorite blebs, 304'6"-304'10" white qz-carb vein, 305'5.5"-305'9" white qz-carb. vein, 313'4 313'6" 2" white-qz carb vein at 50° to C/A, 450'3"-2" qz vein at 50° to C/A	1820	426.83	429.0	2.17	Tr.	N.D.	
456.67	519.92	Sharp lower contact at 60° to C/A FELSIC FRAGMENTAL - grey with cherty, white, stretched	1821 1822	456.67 459.0	459.0 462.0	2.33	0.010 Tr.	N.D. N.D.	

Hole No. | MO-89-02 | Page 3 of 3

[>]roperty:

FOOTAG	E	DESCRIPTION		FROM	то	WIDTH	Au	Ag	
From	То		NUMBER			1000	02/0	0270	
		frags. at 60° to C/A, rare qz veins, silicified 1% Py, Po diss. throughout, locally massive sulphides replacement visible, minor qz-carb. stringers - interfingered with mafic volc., Mineralized zone: 456'-519'11" up to 25% Py, Po massive zones 510'5"-513' massive 55% Po, 45% Py	1823 1824 1825 1826 1827 1828 1829 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1840 1841 1842	462.0 465.0 468.0 471.0 475.0 475.0 481.0 483.0 486.0 489.0 492.0 495.0 495.0 495.0 501.0 504.0 507.0 509.0 510.42 513.0 515.0	465.0 468.0 471.0 475.0 478.0 481.0 483.0 486.0 489.0 492.0 495.0 495.0 495.0 501.0 504.0 507.0 509.0 510.42 513.0 515.0 519.92	$\begin{array}{c} 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\$	Tr. Tr. Nil Tr. Tr. Nil Tr. Nil Nil Nil Nil Nil Nil Nil Nil 0.005 Tr.	N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	
519.92	529.00	MAFIC VOLCANICS, f. gr. dk green silicified, highly carb., numerous carb. stringers							
	529.00	END OF HOLE							
		TOTAL FOOTAGE SAMPLED = 98'10"					;		

				المالي والمحافي والم						
VILLENEU	JVE RESO	DURCES LTD.	Hole No.	MO-88-	-03	Pag	ge 🚺	ASSESS		SURVEY
Property Distric NTS: [ownshi Daim Nu	roperty: MIRON OPTION jstrict: THUNDER BAY TS: 42 C/4 pwnship/Area: PUKASKWA RIVER AREA laim Number: 992130 ate Started: AUGUST 19, 1988		Hole Locatio	on Lind Stat Elev Aziu Dip	e: tion: vation: muth: ;	6+00 5+55 140° -45°		MAY BECE	1 8 1980	
Jate Sta	arted:	AUGUST 19, 1988	Hole Length	21	51.0 ft	. Co	re Size	BQ		
Logged i Drilled Objectiv	By: By: ve:	B. D'SILVA OLYMPIC DRILLING VLF CONDUCTOR AND SULFIDE-RICH CO	Dip Tests: A [NDUCTOR	Actual Depth	Dip					
FOOTAG	E	DESCRIPTION		SAMPLE	FROM	то	WIDTH	Au	Ag	
From	То			NUMBER			Teet	OZ/t	OZYE	•
0 8.00 37.50	8.00 37.50 59.50	CASING FELSIC FRAGMENTAL, sheared, felsic f mafic matrix, frags at 30° to C/A, 1 along frags, frags up to 4 mm and 5 contact ground, appears sharp , f. g limonite on x-cutting fracture surfa Po diss. and blebs, up to 15% replac visible, minor qz- tourmaline veins, sericite METASED. LAMINATED at 50° to C/A min throughout, f. gr. grey, minor qz ve laminations at low angles (subparall laminations generally ≤ 2 cm	rags. in ocally carb. mm lower r., tr. ces Py and ement minor or carb. in x-cutting el to C/A)	1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1783	8.0 12.5 16.42 19.0 21.0 23.0 25.0 27.0 29.0 31.58 36.42	12.5 16.42 18.83 21.0 23.0 25.0 27.0 29.0 31.58 36.42 37.50	4.5 3.92 2.41 2.0 2.0 2.0 2.0 2.0 2.58 4.84 1.08	Nil Tr. Nil Tr. Nil Tr. Nil Nil Nil Tr.	N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	
59.50	180.25	Gradational lower contact, FELSIC FR sheared felsic (cherty) frags in maf frags at 30' to C/A, minor qz. carb. locally carb. displacement visible o fractures, subparallel to C/A, f. gr	AGMENTAL ic matrix stringers n low angle . grey green	1785 1786 1787 1788 1789	113.17 117.0 119.0 122.54 123.38	117.0 119.0 122.50 123.38 127.21	3.83 2.0 3.50 0.84 3.83	Tr. Nil Nil Nil Nil	N.D. N.D. N.D. N.D. N.D.	

and the second second

Hole No. | MO-88-03 | Page 2

2 of 2

Property:

FOOTAG	E	DESCRIPTION		FROM	то	WIDTH	Au oz/t	Ag oz/t	
From	То		NOMBER			1000	0270	0270	
		170'-179' massive sulphide bands ≤ 4' wide Po, Po ≤ 25%, diss. Py, Po throughout unit, some stringers, 113'4"-180'3" mineralized zone 15-20% Py, 5-10% Po in blebs and stringers carbonate stringers, minor q. v. up to 10 cm wide	1790 1791 1792 1793 1794 1795 1796	127.21 129.21 131.71 134.29 136.33 140.83 141.42	129.21 131.71 134.29 136.33 140.83 141.42 149.92	2.0 2.50 2.58 2.04 4.50 0.59 8.5	Tr. Tr. Nil Nil Nil Tr. Nil	N.D. N.D. N.D. N.D. N.D. N.D. N.D.	
		Gradational contact into mafic volc.		P.					
180,25	204.00	BRECCIATED ZONE, blocky core, mainly mafic vol., minor frags, minor quartz veins, generally f.gr. grey black brecciation visible throughout, carb. along fracture surfaces and in stringers, diss. Py, Po throughout, locally up to 3% Py, Po	1797 1798 1799 1800 1801 1802 1803 1804	149.92 154.33 159.0 160.0 162.0 165.0 165.0 169.0	154.33 159.0 160.0 162.0 165.0 165.0 167.0 169.0 171.0	4.41 4.67 1.0 2.0 3.0 2.0 2.0 2.0	Ni1 Ni1 Ni1 0.008 Tr. Tr. 0.020	N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	
204.00	251.00	MAFIC VOLCANIC, f. gr. dk green, massive highly carb. numerous carb. stringers, rare qz-carb. veinlets, local chloritic bands	1805 1806 1807 1808	171.0 173.0 177.33 179.0	173.0 177.33 179.0 180.33	2.0 4.33 1.67 1.33	Ni1 Ni1 Ni1 Ni1	N.D. N.D. N.D. N.D.	
	251.00	END OF HOLE							~
		TOTAL FOOTAGE SAMPLED = 96'5"							
							<u> </u>		

VILLENE	UVE RES	DURCES LTD.	Hole No.	MO-88-	-04	Pag	ge 1	of 2		
Property Distric NTS: Townshi Claim No	y: t: p/Area: umber:	MIRON OPTION THUNDER BAY 42 C/4 PUKASKWA RIVER AREA 992137, 996253	Hole Locatio	on Line Stat Elev Azin Dip	e: tion: vation: nuth:	10+508 0+258 140° -45°	5			
Date Sta	arted:	AUGUST 24, 1988	Hole Length	20	00.0 ft	. Coi	re Size	∍ BQ		
Logged I Drilled Objectiv	By: By: Ve:	B. D'SILVA OLYMPIC DRILLING FELSIC TUFF UNIT HOSTING ANOMALOU	Dip Tests:	Actual I Depth ACE	Dip	1				
FOOTAG	E	DESCRIPTION		SAMPLE	FROM	то	WIDTH	Au oz/t	Ag	
From	То			NUMBER			1990	0270	0276	
0	9.00	CASING								
9.00	55.33	MAFIC VOLCANICS, dk green, f. gr. 10 amphibolitized, with rare white cher silicified, minor carb. massive, 11 rich, relic Py, 9'0"-9'6" white, cher mineralized band tr. Po, 1% Py, tr. 10'4"-11'8" green, white cherty unit tr. carb., relic Py	ocally rty bands, '8"-142'2" Am erty, Cp t, tr. Py,	1878 1879	9.0 10.33	10.33 11.67	1.33 1.34	Nil Nil	N.D. N.D.	
55.33	65.00	METASEDS, silicified, ggrey, interbo Am-rich unit, poorly laminated at 30 55'4"-55'8" white cherty band	edded with D° to C/A,				ONTARIO	geologi ESSMEN OFFIC	CAL SURV T FILES	EY
65.00	82.92	MAFIC VOLCANICS, dk green, f. gr., Amphibolitized, minor carb. stringen massive, 65'0"-79'0" blocky core	locally rs silicified				N Re	AY 18	1989	
82.	91.33	FP DYKES/MAFIC VOLC. with carb. str contacts at 50° to C/A	ingers poor							

Page 2 Hole No. | MO-88-04 of

2

Property:

FOOTAG	E	DESCRIPTION		FROM	то	WIDTH	Au	Ag	
From	То		NUMBER			1990	0270	02/0	
96.33	136.50	MAFIC VOLCANICS, dk green, massive, minor quartz veins, silicified, at 95'9" - 1" qtz vein with 3% Po, 1% Py, at 96'4"-97'1" 9" quartz vein, white brecciated	1880 1881 1882	95.63 96.13 135.0	96.13 97.63 136.50	0.50 1.50 1.50	Nil Nil Nil	N.D. N.D. N.D.	
136.50	150.50	METASEDS, silicified, grey, laminated minor feldspar porphyry, rare blue qz eyes at 30° to C/A, at 142'10" - seam of Po, Cp in seds.	1883 1884 1885 1886	136.50 139.0 142.0 143.50	139.0 142.0 143.50 145.50	2.50 3.0 1.50 2.0	Nil Nil Nil Nil	N.D. N.D. N.D. N.D.	
		at 150'-150'6" blocky core, at 147'1"-1" qtz vein with 3% Po, 1% Cp	1887 1888	145.50 147.0	147.0 148.67	1.50 1.67	Ni1 Ni1	N.D. N.D.	
150.50	156.83	MAFIC VOLCANICS, dk green, med. gr. poorly foliated at 90° to C/A							•
156.83	164.67	METASEDS, silicified, grey, laminated, minor qz carb. stringers, at 30° to C/A							
164.67	200.00	MAFIC VOLCANICS, dk green, med. f. gr., locally amphibolitized, minor carb. stringers, rare quartz veins							
	200.00	END OF HOLE							
			.•						

,

VILLEN	EUVE RES	OURCES LTD.	Hole No.	Hole No. MO-88-05						
Propert Distric NTS: Townsh Claim 1	Property:MIRON OPTIONHole LocationLine:District:THUNDER BAYStation:NTS:42 C/4ElevationTownship/Area:PUKASKWA RIVER AREAAzimuth:Claim Number:992131Dip:				e: tion: vation: nuth: :	10+0 6+9 150 -45	DOE ONTAI DON AS	RIO GEOLO SSESSMI OFF MAY 1	DGICAL SUI ENT FILES ICE 8 1989	RVEY S
Date St	tarted:	AUGUST 23, 1988	Hole Length	24	49.0 ft	. Co	ore Siz			
Logged	By:	M. PUDIFIN/B. D'SILVA	Dip Tests: A C	octual I Depth	Dip					
Object	ive:	SHEAR ZONE AND MASSIVE SULFI	IDE ZONE							
FOOTA	GE	DESCRIPTION		SAMPLE	FROM	то	WIDTH	Au	Ag	
From	То			NUMBER			Teet	OZ/C		-
0	8.0	CASING					1			1
					1	1				I

8.0	249.0	METASEDIMENT - argillite mainly interbedded with greywacke, v. f. gr. to f. gr. med. grey to black (minor graphite) carbonate is common between bedding planes throughout interval minor limonite along fracture surfaces,	1843 1844 1845 1846	11.0 19.0 21.25 29.0	12.0 21.25 24.25 29.92	1.0 2.25 3.0 0.92	Nil Nil Tr. Nil	N.D. N.D. N.D. N.D.	
		foliation is generally subparallel to bedding but varies as follows: 60° to CA at 11'0", 56° to CA at 29'0", 40° to CA at 42'6", cross cutting wisps at ~40° to CA;tr1%Py and patches of calcite occur with minor Po (<1%) and Py (<0.5%) minor traces of Po and occasional traces of Py occur as v. fine grained dissemination throughout interval 21'8" wage zone with sta	1847	30.75	33.75	3.0	Nil	N.D.	
		and tr. Po, Py, magnetic, 61'0"-63'6" garnets to 5%, 67'0"-68'6" very black, core, 69'11"-70'4" grey quartz, soft sediment deformation from 48'6" to 52'0" - appearance of white qtz. eyes	1848 1849 1850	43.83 61.0 64.0	46.83 64.0 67.0	3.0 3.0 3.0	Nil Nil Nil	N.D. N.D. N.D.	
		72'0"-74'0" silicified greywacke, 74'0"-75'8"	1851	67.0	69.0	2.0	Ni1	N.D.	

 $[a,b] = \left\{ \begin{array}{c} 0 \\ \overline{b} \\ \overline$

Hole No. | MO-88-05 | Page 2 of 2

1. . . >roperty:

FOOTAG	E	DESCRIPTION		FROM	то	WIDTH	Au oz/t	Ag oz/t	1
From	То		NOTIBEI (0270	02/0	
		massive bands of Po, (6" band and 4" band) 75'8"-78'4" sheared, graphitic argillite, highly carb., 78'11"-83'0" silicified greywacke, 83'0"- 87'2" graphitic argillite with 3" band massive Po, 1" band massive Po	1852 1853 1854 1855 1856 1857 1858 1859 1860 1861	69.0 72.0 74.0 75.67 78.92 83.0 87.17 89.0 92.0 95.0	72.0 74.0 75.67 78.92 83.0 87.17 89.0 92.0 95.0 98.08	3.0 2.0 1.67 3.25 4.08 4.17 1.83 3.0 3.0 3.08	Ni1 Ni1 Ni1 Ni1 Ni1 Ni1 Ni1 Ni1 Ni1	N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	4
		<pre>99'0"-101'0" graphitic argillite with 1% Po., 101'0"-125'3" chloritic argillite with chlorite blebs, 1% Po. highly carb. 125'3"-132'2" graphitic argillite with 3% Po, tr. Py, minor qz-carb. veins ≤ 1" wide. From 123'-124' blocky core 132'2"-145'0" laminated greywacke, minor argillite, highly carb. tr. hem. 145'0"-149'0" blocky core, graphitic argillite</pre>	1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873	98.08 99.0 102.0 105.0 108.0 111.0 114.0 117.0 120.0 123.0 126.0 129.0	99.0 102.0 105.0 108.0 111.0 114.0 117.0 120.0 123.0 126.0 129.0 132.17	$\begin{array}{c} 0.92\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0\\ 3.0$	Ni] Ni] Ni] Ni] Ni] Ni] Ni] Ni] Ni] Ni]	N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	
	249.0	147'8"-148'0" qz-carb vein 4" wide 3% Py 149'2"-149'4.5" 10% Po in qz-carb. vein 159'9"-162'0" blocky core, graphitic argillite 162'0"-178'11" interbedded argillite, greywacke laminated with qz carb blebs 178'11"-249' greywacke with tr. sericite, minor qz vein, minor carb. stringers 249'0" END OF HOLE	1874 1875 1876 1877	145.0 147.0 149.0 150.17	147.0 149.0 150.17 152.0	2.0 2.0 1.17 1.83	Ni1 Ni1 Ni1 Ni1	N.D. N.D. 0.06 N.D.	•

•

VILLENE	ILLENEUVE RESOURCES LTD.			Hole No. MO-88-06		Pa	Page 1 ASSC BOLC		DLOGICAL	
Property: District: NTS: Township/Area: Claim Number: Date Started: Date Completed: Logged By: Prilled By: Objective:		MIRON OPTION THUNDER BAY 42 C/4 PUKASKWA RIVER AREA 992155	Hole Locatio	Hole Location Line: Station: Elevation: Azimuth: Dip:				1+35E 7+35S 135° -50° RECE		
		AUGUST 26, 1988	Hole Length	ngth 329.0 ft. Core Siz					VED	
		B. R. LAPEARE OLYMPIC DRILLING DEFORMED SERICITIC TUFF UNIT	Dip Tests:	Actual Dopth	ctual Dip epth ALOUS AU ON SUF		FAULT	}		7
FOOTAG	3E	DESCRIPTION		SAMPLE	FROM	то	WIDTH	Au	Ag	
From	То			NUMBER			feet	oz/t	oz/t	
0	6.00	CASING					1			
6.00	131.50	MAFIC VOLCANIC, med. gr. amphibo	olitized fol.							

.

	ĺ		l	i				i i	
6.00	131.50	MAFIC VOLCANIC, med. gr. amphibolitized fol.					•		
	ĺ	-50° to CA, alt. = chlorite + phlogopite,		i i					
		phlogopite is soft reddish brown with micaceous	1889	18.83	24.50	5.67	Nil	N.D.	
		texture - sporadic occurence with unit,	1890	24.50	26.0	1.50	Nil	N.D.	
		silicification is mod. throughout mostly med.	1891	64.50	68.67	4.17	Ni1	N.D.	
		gr. some coarse gr. sections do occur	1892	73.50	78.0	4.50	Nil	N.D.	
		2 granite dykelets occur at 17'0"-17'3" and	1893	88.33	91.50	3.17	N11	N.D.	
		25'2"-25'11", pyrite is disseminated or occurs	1894	99.17	101.33	2.16	Nil	N.D.	
		along minor fractures. From 39'0"-60'0" and	1895	124.50	127.67	3.17	Ni]	N.D.	
		73'6"-85'0" qtz-carb. veinlets with chlorite	1896	127.67	131.50	3.83	Nil	N.D.	.
		alteration occur at random angles and in a							
		patchy occurence (silica) trace disseminated							
		pyrrhotite						, }	
131.50	161.00	MAFIC VOL. with ubiquitous gtz-carb veinlets	1897	131.50	135.50	4.0	Ni1	N.D.	:
	i ·	(35%) fol.= 45° CA alt. = chlorite + biotite	1898	135.50	138.50	3.0	Nil	N.D.	
		(minor sericite) chlorite is ubiquitous and	1899	154.92	159.92	5.0	Nil	N.D.	
	-	biotite occurs sporadically and is parallel		104102	100.02	0.0			
		to foliation. Mod. silicification throughout.							
				1 1					

.

Hole No. | MO-88-08

Page 2 of 3

Property:

FOOTAGE		DESCRIPTION		FROM	то	WIDTH	Au oz/t	Ag	
From	То		NUMBER			leec	0270	0270	
		Veinlets are parallel to foliation with an. avg. thickness of 3/16" - 3/4" minor qtz veinlets cross-cut foliation at 80% to CA, Pyrite and pyrrhotite occur sporadically up to 2% - disseminated and usually cubic (< 2 mm) with some of the veinlets. Also found rarely within minor fractures in mafic volcanic							
161.00	189.17	MASSIVE MAFIC VOL fine gr. fol.= 40° CA	1900	175.50	178.25	2.75	Tr.	N.D.	
		(weakly developed) alt=chlorite qtz-carb. stringers same as above unit but occur at random angles and not very common (2-5% of unit). Minor sericite associated with more chloritic patches in contact with some of the veinlets. Trace tourmaline found in veinlets at 179'7". Pyrite is very rare and only occurs as disseminated and very fine grained with sample 1900 - 175'8"-178'3"	1901	179.42	181.42	2.0	Nil	N.D.	• •
189.17	198.42	MAFIC VOL brecciated fault zone blocky core -	1902	190.42	193.50	3.08	Tr.	N.D.	
		qtz, carb. veinlets brecciated chloritized host rock with veinlets. Veining is at random orientation, Pyrrhotite is <8% and associated with infilling fluids	1903	193.50	196.50	3.0	Tr.	N.D.	
198.42	217.92	MAFIC VOL. fine gr. fol. = 40° CA chlorite	1904	211.0	214.50	3.50	Nil	N.D.	
		alteration weakly developed generally silicified Qtz-carb. veinlets brecciated with 2% pyrrhotite carb. and qtz veinlets with chlorite wallrock alteration	1905	215.08	217.08	2.0	Nil	N.D.	
217.92	231.75	BANDED MAFIC TUFF - fine gr. bedding = 50° CA/	1906	217.92	220.83	2.91	NIT	N.D.	
		fol. = 45° to CA diffuse bedding grades into	1907	224.0	228.92	4.92	רוא	N.D.	

Hole No. |

MO-88-06 | Page 3

3 of

3

Property:

÷.

FOOTAGE		DESCRIPTION		FROM	то	WIDTH	Au loz/t	Ag	
From	То		NUMBER	JMDEN			0270	0270	
		chlorite and biotite alteration with silica patches. A thinly laminated contorted section appears then grades into a well banded siliceous mafic tuff. The beds have an avg. thickness of 1/8" to 1/4", Pyrrhotite and pyrite occur along bedding planes. Pyrrhotite also occurs along foliation planes - disseminated	1908	228.92	231.75	2.83	Nil	N.D.	
231.75	244.42	RHYOLITIC TUFF (Quartz-sericite schist) Target	1909	231.75	233.58	1.83	Nil	N.D.	
İ		zone - very fine gr. buff-grey well developed	1910	233.58	236.42	2.84	j Tr.	0.03	
		bedding. Bedding plane 45° (top of unit) 50°	1911	236.42	238.83	2.41	Tr.	N.D.	
		(bottom of unit) Inin (10°) laminated matic turr in between bedding change. Alt = silica (60%) and sericite (30%) and biotite (5%) chlorite (5%). Hematite in sample 1913 = 20%, Fol = 55° CA, "Z" folds have same orientation as bedding but only occur twice. Most of the pyrite and pyrrhotite occur in contact with silica beds Pyrite is either disseminated along foliation or bedding planes. Pyrrhotite occurs as stringers along bedding planes.	1912	238.83	242.42	2.0	Tr.	N.D.	
244.42	329.00	MAFIC TUFF - fine to med. gr. thinly bedded at	1914	244.42	247.75	3.33	Nil	N.D.	
1	1	top of unit, then grades into a thicker massive	1915	258.83	260.92	2.09	Ni1	N.D.	
		to CA Alt. chlorite + biotite + sericite	1916	265.33	209.0	3.67		N.D.	
		hematite alteration occurs in contact with parallel qtz-carb. stringers, up to 1% pyrite in top part of thinly bedded unit. Trace disseminated pyrrhotite occurs also along bedding planes	1918	276.75	278.25	1.50	Nil	N.D.	
	329.00	329' END OF HOLE							





• • •

SCALE: 1" = 200'



SCALE: 1" = 200'



SCALE: 1" = 200'



60000 nT-NW 57 000 nT SE Magnetomater V11111m 11111 caring the frag. 8. LAKE r. topography silicified 2 2 2 frag VILLENEUVE RES. LTD. LEGEND Miron Option April Com Soult Ste. Marie Mining District PUKASKWE River Area 3 Metasodiment greywacke silt stone, North Central Ontario 2 Felsic fragmental NTS 42C/4 1 Mafic volcanic - bx: breccia a: flow Diamond Drill Section 2002 Mineralized zone MO- 88- 02 ... Magnetometer profile L4+50E/5+40N 140*Az = -45° Axis of VLF-EM16 conductor 1/1/ Conductive zone Scale: 1:500 Topographic outline 2016 Ζ by: S.M.Pudifin drawn S. Luck by: SECTION LOOKING NORTHEAST WARD Aug. 22, 1988 Oct. 1988 CL # 992130 1 interfingural with matic value, E.O.H. 524 (161m) FIG 12.2



-

and the second

	•			
- 140°			-	
VI Se	ILLENEUVE Miron with Stie. Marie Pukaskwa Ri North Centi	RES.DUP Option Mining iver Ar rul Onto	RCES L District en urio	.TD
	NTS 42C/4 Diamond Drill MO-88-0	Section 3 L 6+0006) / 5+55 A	
by:	Scale: 1:500 S.M.Puoifin Aug 21 1990	ctrawed by:	S. Luck	
	rug.∠1, 1988		FIG 12	.3







	Ministry of Re Natural Resources	work DOCUM	ENT 1 5• 0 The			
?	Name and Postal Address of R	Corded Holder	III ⁴²	2003NW0547 13 PUKASI	WARIVER	900
T	130 ane. PER	REAULT VAL D	or au	ebec T9	PORAS PORAS	KO H RIGH
	Summary of Work Perform	ance and Distribution of Cred	its		308	
	1887	Mining Claim Prafix Number	Work Days Cr. Pref	Mining Claim ix Number	Work Mining Days Cr. Prefix	Claim Work Number Days Cr.
l l	for Performance of the followi work, (Check one only)	no see at	tacked 1	hit: VILLE.	VEUVA RES. : ,	MIRON
	Manual Work					PROPERTY
	Shaft Sinking Drifting of		\sim			
	other Lateral Work.					
	Power driven or mechanical equip.					
	Power Stripping					
	Diamond or other Core					
	Land Survey					
	All the work was performed o	n Mining Claim(s): 55M	1 <u>(1109</u>) 992/30	992137 90	(249) (3) 72/3/ 992/5	29) ī≪
Ĺ	Required Information eq:	type of equipment, Names, A	ddresses, etc.	See Table Below)	14101) 11413	3
[OLYMPIC J	ONTARIO ASSE	GEOLOGICAL	SURVEY		< 198X
	owner: RAY	FALARDEAU	OFFICE AY 1 8 198	g DATTA COMPLI	ETTED: AUG. 2	7, 1988
	200, 2695	GRANVILLE ST RE	CEIVE	CORE STORED: D	On Mining Claim at camp on Puka	SSM 992135 skwa River
	VAN COUVI	ER, B.C.	RAULT STE	MABLE DRIV	Hares	
	V6B	3H4	ECE	VED	M- 88-1 :	329'
	(604) 736-	8422	APR17	1989 E.M.	-2 :	529' 251'
	EQUIPMENT:	FLY DRILL TH	319110111121	11218141518	- 4 - 6	249'
				Date of Report	Recorded Holde	r or Agent (Signature)
	Certification Verifying Reg	port of Work	<u> </u>	1 april 14	(1987) Joren	- 11 Jadon
	I hereby certify that I have or witnessed same during ar	a personal and intimate knowledg nd/or after its completion and the	e of the facts set i annexed report is	forth in the Report of W I true,	Vork annexed hereto, having	performed the work
	Name and Postal Address of P	erson Certifying	PERRE AULT	- vAi 7	OR DUE -	T9P214-
		<u>, 100 uve, 1</u>	140000	Date Certified April H	4, 1989 Certified by (Sig	Madon.
: 1	Table of Information/Atta	chments Required by the Min	ing Recorder			······
	Type of Work	Specific information p	er type	Other information (Co	mmon to 2 or more types)	Attachments
	Manual Work	Â.				
	Shaft Sinking, Drifting or other Lateral Work	Type of equipment	•	Names and addresses manual work/operate with dates and hours	of men who performed id equipment, together of employment.	Work Sketch: these are required to show the location and extent of work in
	driven or mechanical equip.	· · · · · · · · · · · · · · · · · · ·				relation to the
	Power Stripping	Type of equipment and amount Note: Proof of actual cost must within 30 days of recording.	expended. be submitted	Names and addresses together with dates w	of owner or operator hen drilling/stripping	• 1 42.00
	Diamond or other core drilling	Signed core log showing; footag core, number and angles of hole	e, diameter of s.	done.		Work Sketch (as above) in duplicate
l	Land Survey	Name and address of Ontario la	nd surveyer.		Nil	Nil

2 0 March -

いまちゃ いいぞい てきしたのきい もまい しまい あいせい

and a state of the second s

the second

04/13/89 VILLENEUVE RES. : MIRON PROPERTY Page 1

.

1.							
	TAG		#OF CLAIMS	TOWNSHIP		WORK	DAYS
MIRON	SSM	992129	1	PUKASKWA	RIVER	52	.મ
MIRON	SSM	992130	1	PUKASKWA	RIVER	53	.0
MIRON	SSM	992131	1	PUKASKWA	RIVER	- 52	. 4
MIRON	SSM	992132	1	PUKASKWA	RIVER	1	
MIRON	SSM	992133	1	PUKASKWA	RIVER		
MIRON	SSM	992134	1	PUKASKWA	RIVER		
MIRON	V/SSM	992135	1	PUKASKWA	RIVER	· .	
MIRON	SSM	992136	1	PUKASKWA	RIVER		
MIRON	SSM	992137	1	PUKASKWA	RIVER		
MIRON	SSM	992138	1	PUKASKWA	RIVER		
MIRON	SSM	992139	1	PUKASKWA	RIVER		
MIRON	SSM	992140	1	PUKASKWA	RIVER		
MIRON	SSM	992141	1	PUKASKWA	RIVER		
MIRON	SSM	992142	1	PUKASKWA	RIVER		
MIRON	SSM	992143	1	PUKASKWA	RIVER	1	
MIRON	SSM	992144	1	PUKASKWA	RIVER		
MIRON	SSM	992145	1	PUKASKWA	RIVER		,
MIRON	SSM	992146	1	PUKASKWA	RIVER		
MIRON	SSM	992147	1	PUKASKWA	RIVER		
MIRON	SSM	992148	1	PUKASKWA	RIVER	1	
MIRON	SSM	992149	1	PUKASKWA	RIVER		
MIRON	SSM	992150	1	PUKASKWA	RIVER	1	
MIRON	SSM	992151	1	PUKASKWA	RIVER		
MIRON	SSM	992152	1	PUKASKWA	RIVER		
MIRON	SSM	992153	1	PUKASKWA	RIVER		
MIRON	SSM	992154	1	PUKASKWA	RIVER		
MIRON	SSM	992155	1	PUKASKWA	RIVER		
MIRON	SSM	992156	1	PUKASKWA	RIVER		
MIRON	SSM	992157	1	PUKASKWA	RIVER		
MIRON	SSM	992158	1	PUKASKWA	RIVER		
MIRON	SSM	992159	1	PUKASKWA	RIVER		
MIRON	SSM	992160	1	PUKASKWA	RIVER		
MIRON	SSM	992161_	1	PUKASKWA	RIVER		
MIRON	SSM	996253	1	PUKASKWA	RIVER		
MIRON	SSM	996256	1	PUKASKWA	RIVER		
MIRON	SSM	996257	1	PUKASKWA	RIVER	V	

TOTALS: 36*

04/13/89 VILLENEUVE RES. : MIRON PROPERTY Page 1



TOTALS: 36*

All held by Uillenuve, OK to Process.

