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C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 146

TENEMENT NAME LAKE BARRINGTON No.

LOGGED BY: G. PURVIS

CO-ORDINATES 1700E 7929N AZIMUTH 210° MAG DRILLERS PARRY COMMENCED 19.10.80 DEPTH 175m HOLE No. DD 80 LB1

RL COLLAR INCLINATION 60° DRILL TYPE BOYLES COMPLETED 28.10.80 CASING LEFT 2.3m NW DPO No(s) 26472, 73, 74

DEPTH From (M)	To (M)	Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by <u>22-13</u>)							
											Pb	Zn	Cu	Ag	Au			
0	2.3	-			<u>NO CORE - TRICONED</u>													
2.3	38.4		<u>NQ</u>		<u>BRECCIA-CONGLOMERATE</u>	<u>Very porous limonite ± qtz in fractures at all angles, up to 5mm</u>	<u>816101</u>	<u>8.4</u>	<u>8.7</u>	<u>0.3</u>	<u>18</u>	<u>28</u>	<u>1770</u>	<u>3</u>	<u>0.63</u>			
			<u>to</u>		<u>Partly weathered massive, pinkish-brown to grey, fairly hard-weathered silicified in places.</u>	<u>1-2mm. Cut cherts. Density at 1/0.5m. Below 15m the limonitic fractures also contain py.</u>	<u>795551+</u>	<u>8.7</u>	<u>11.0</u>	<u>2.2</u>	<u>15</u>	<u>56</u>	<u>790</u>	<u>1</u>				
			<u>27.6m</u>				<u>52+</u>	<u>11.0</u>	<u>13.6</u>	<u>2.2</u>	<u>13</u>	<u>50</u>	<u>440</u>	<u><1</u>				
			<u>then</u>				<u>816102</u>	<u>13.6</u>	<u>14.2</u>	<u>0.6</u>	<u>6</u>	<u>13</u>	<u>320</u>	<u><1</u>	<u><0.4</u>			
			<u>BQ</u>				<u>795553+</u>	<u>14.2</u>	<u>16.0</u>	<u>2.3</u>	<u>13</u>	<u>120</u>	<u>270</u>	<u><1</u>				
							<u>54+</u>	<u>16.0</u>	<u>18.0</u>	<u>2</u>	<u>14</u>	<u>56</u>	<u>350</u>	<u><1</u>				
							<u>816103</u>	<u>18.0</u>	<u>18.3</u>	<u>0.3</u>	<u>120</u>	<u>690</u>	<u>1882</u>	<u>35</u>	<u>0.38</u>			
							<u>795555+</u>	<u>18.3</u>	<u>21.7</u>	<u>3.15</u>	<u>18</u>	<u>46</u>	<u>490</u>	<u><1</u>				
							<u>816104</u>	<u>21.7</u>	<u>22.3</u>	<u>0.6</u>	<u>21</u>	<u>17</u>	<u>7700</u>	<u>3</u>	<u><0.4</u>			
							<u>795556+</u>	<u>22.3</u>	<u>25</u>	<u>2.8</u>	<u>11</u>	<u>64</u>	<u>730</u>	<u><1</u>				
							<u>57+</u>	<u>25</u>	<u>27.9</u>	<u>2.9</u>	<u>9</u>	<u>91</u>	<u>870</u>	<u><1</u>				
							<u>816105</u>	<u>27.9</u>	<u>28.2</u>	<u>0.3</u>	<u>10</u>	<u>17</u>	<u>1160</u>	<u><1</u>	<u><0.4</u>			
							<u>795558</u>	<u>28.2</u>	<u>28.4</u>	<u>0.2</u>	<u>6</u>	<u>14</u>	<u>1670</u>	<u><1</u>				
							<u>816106</u>	<u>28.4</u>	<u>28.6</u>	<u>0.2</u>	<u>10</u>	<u>19</u>	<u>600</u>	<u><1</u>	<u><0.4</u>			
							<u>107</u>	<u>28.6</u>	<u>28.8</u>	<u>0.2</u>	<u>4</u>	<u>9</u>	<u>380</u>	<u><1</u>	<u><0.4</u>			
							<u>108</u>	<u>28.8</u>	<u>29.1</u>	<u>0.3</u>	<u>12</u>	<u>24</u>	<u>1930</u>	<u>2</u>	<u><0.4</u>			
							<u>795559+</u>	<u>29.1</u>	<u>31.5</u>	<u>2.45</u>	<u>10</u>	<u>110</u>	<u>320</u>	<u><1</u>				
							<u>60+</u>	<u>31.5</u>	<u>33.8</u>	<u>2.3</u>	<u>16</u>	<u>67</u>	<u>2500</u>	<u>1</u>				
							<u>816109</u>	<u>33.8</u>	<u>34</u>	<u>0.2</u>	<u>52</u>	<u>22</u>	<u>1522</u>	<u>16</u>	<u>0.12</u>			
							<u>795561</u>	<u>34</u>	<u>35.2</u>	<u>1.05</u>	<u>8</u>	<u>7</u>	<u>517</u>	<u><1</u>				
							<u>816110</u>	<u>35.2</u>	<u>35.6</u>	<u>0.4</u>	<u>48</u>	<u>42</u>	<u>278</u>	<u>10</u>	<u>0.06</u>			
							<u>795562</u>	<u>35.6</u>	<u>36.8</u>	<u>1.2</u>	<u>8</u>	<u>15</u>	<u>1904</u>	<u><1</u>				
							<u>816111</u>	<u>36.8</u>	<u>37.1</u>	<u>0.3</u>	<u>16</u>	<u>30</u>	<u>7200</u>	<u>8</u>	<u><0.4</u>			
							<u>795563+</u>	<u>37.1</u>	<u>39.5</u>	<u>2.4</u>	<u>15</u>	<u>56</u>	<u>2900</u>	<u><1</u>				
							<u>816112</u>	<u>39.5</u>	<u>39.8</u>	<u>0.3</u>	<u>22</u>	<u>13</u>	<u>2500</u>	<u><1</u>	<u><0.4</u>			
							<u>795564+</u>	<u>39.8</u>	<u>42</u>	<u>2.25</u>	<u>12</u>	<u>73</u>	<u>1560</u>	<u><1</u>				
							<u>816113</u>	<u>42</u>	<u>42.4</u>	<u>0.4</u>	<u>12</u>	<u>10</u>	<u>3800</u>	<u><1</u>	<u><0.4</u>			
							<u>795565+</u>	<u>42.4</u>	<u>45.4</u>	<u>3</u>	<u>11</u>	<u>59</u>	<u>2800</u>	<u><1</u>				
							<u>816114</u>	<u>45.4</u>	<u>46</u>	<u>0.6</u>	<u>74</u>	<u>42</u>	<u>4300</u>	<u>10</u>	<u>0.18</u>			

+ - indicates sample taken with core grader - otherwise cut core

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C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 3 of 6

TENEMENT NAME LAKE BARRINGTON No.

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DD 80 LB

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 26467, 69, 70, 71

DEPTH From (M)	To (M)	Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weather, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by... Z.C.)					
											Pb	Zn	Cu	Ag	Au	
05	74.55		BQ		ALTERED RHYOLITIC LAVA Hard, puffy silicef, pinkish-fawn Med alt - highly carbonated & sarciticized Angular gte av 1-3mm, feldspar phenocrysts av 1-2mm, in carbonated vitric & felsic groundmass. Vague clast shapes in places of same material - esp near top of interval Possible flow banding: 58.2m 40°/LCA; 59.4m 60°/LCA; Lineation of clasts; 66.2m 35°/LCA. Gritty buff intruded 68.25-68.6m bedding 35°/LCA. 60.4-61m: Clayey broken zone Chilling evident at base of unit.	Dispersed silicified (py-cp) throughout in small patches, blood ring stringers and dissemin grains. Mostly < 2% but best zones: 57.1-58.65 3% cp >py; 61-65.7m 2-3% py>cp;	816131	58.9	58.5	1.6	14	41	2400	1		
							132	58.5	59.6	1.1	12	30	1040	<1		
							133	59.6	61.9	2.3	16	39	210	<1		
							134	61.9	63	0.95	18	34	800	1		
							135	63	64.5	1.65	16	27	1170	1	<.04	
							136	64.5	66.5	1.9	18	40	940	1	<.04	
							137	66.5	67.5	0.9	13	25	1290	1		
							138	67.5	68.5	1	12	21	160	<1		
							139	68.5	70	1.6	10	22	800	<1		
							816140	70	72.6	2.5	9	20	380	<1		
							141	72.6	73.9	1.7	8	21	850	<1	<.04	
							142	73.9	75.6	1.7	13	27	240	<1		
							143	75.6	77.4	1.8	37	31	330	1		
							144	77.4	79.5	2	16	20	26	<1	<.04	
							145	79.5	80.7	1.2	13	21	41	<1		
							146	80.7	82.5	1.8	15	22	350	<1		
4.55	77.4		BQ		GRITTY VITRIC TUFF Weak-med alt althy debris from the lava - fragments of gte, feldspar and glass in fi-gr/vitric matrix. Occasional clasts of lavas & tuffs up to 90mm av. < 10mm. Fine bedding visible in places: 75.95 25°/LCA. Upper contact 35°/LCA, lower 45°/LCA. Sarcitic & carbonated Pale fawn-grey-tan color. Some chlorite towards base.	74.55-75.8: Minor py & cp. 75.8-77.4: 2-3% py & cp mainly in veins but at all angles.	147	82.5	83.7	1.2	15	24	55	<1		
							148	83.7	85.5	1.8	33	45	98	<1		
							149	85.5	87.5	2	13	58	45	<1	<.04	
							816150	87.5	89	1.5	12	38	31	<1		
							151	89	91.3	2.3	7	19	27	<1		
							152	91.3	93	1.7	10	22	120	1	<.04	
							153	93	95	2	12	15	63	<1		
							154	95	97	2	16	18	85	<1		
							155	97	99	2	27	17	28	<1	<.04	
							156	99	101.3	2.2	15	23	42	<1	<.04	
							157	101.3	103	1.7	5	17	10	<1		
							158	103	104.7	1.7	8	57	21	<1		
7.4	84.6		BQ		ALTERED RHYOLITIC LAVA - as above Fawn grey-tan color. Angular gte 1-3mm, av 1mm.	77.4-81m: 2% py in veins at all angles - networks. Av 1-2mm. Trace cp. 81-82.3m: 3-5% py & cp dispersed.	159	104.7	106	1.3	16	44	130	1		
							816160	106	108.3	2.3	20	32	190	1	<.04	

