

DEPARTMENT OF MINES-TASMANIA

61961 M6614

Churn Drill Log *AMG578841mE 5471038mN*

Area: *Ct Northern Plain* Hole No. *3* Line No. *15* Grid Reference *E578462 N 929 558*
~~*E578462 N 929 558*~~ ~~*12400/1*~~

Crew *Harper* Date *12/4/67* Clean up by *F. Smith* Shoe Diameter *7 5/8* " Factor *-317* cu. ft. per ft.

Section Feet		Volume, Cu. ft.			+ 8 %	Colours of Gold Gms Cm.	Jig Tails Gms %	Cassiterite		Value lb. p.c.y.	Formation	Remarks
From	To	Theoretical <i>1.59</i>	Bucket	Jig <i>96"</i>				Actual	Adj.			
0	1											
1	2			<i>59"</i>		<i>1.3</i>	<i>6.24</i>	<i>.003</i>	<i>.0003</i>	<i>.003</i>	<i>Sst</i>	
2	5			<i>61</i>							<i>Sand</i>	
5	10			<i>78</i>		<i>3.2</i>	<i>2.47</i>	<i>.007</i>	<i>.002</i>	<i>.003</i>	<i>sandy clay</i>	
10	15			<i>90</i>		<i>2.0</i>	<i>2.62</i>	<i>.004</i>	<i>.0004</i>	<i>.003</i>	<i>" "</i>	
15	20			<i>90</i>		<i>2.1</i>	<i>5.23</i>	<i>.005</i>	<i>.0004</i>	<i>.007</i>	<i>Silty Sand</i>	
20	25			<i>74</i>		<i>3</i>	<i>9.26</i>				<i>" "</i>	
25	30			<i>74</i>		<i>3</i>	<i>17.</i>				<i>Sticky mud</i>	
30	35			<i>75</i>		<i>3.3</i>	<i>4.26</i>	<i>.007</i>	<i>.0004</i>	<i>.015</i>	<i>" "</i>	
35	40			<i>84</i>		<i>9.8</i>	<i>14.3</i>	<i>.022</i>	<i>.006</i>	<i>.010</i>	<i>Silty sand from 33'</i>	
40	45			<i>43</i>		<i>17.3</i>	<i>17.6</i>	<i>.038</i>	<i>.010</i>	<i>.017</i>	<i>" "</i>	
45	50					<i>21.5</i>	<i>32.4</i>	<i>.047</i>	<i>.022</i>	<i>.037</i>	<i>" "</i>	
50	53					<i>30.2</i>	<i>20.2</i>	<i>.067</i>	<i>.012</i>	<i>.020</i>	<i>soft slate</i>	
53	55					<i>12.2</i>	<i>22.1</i>	<i>.027</i>	<i>.003</i>	<i>.005</i>	<i>Hard slate</i>	<i>Bored ahead of casing from 55'</i>
55	58							<i>.027</i>	<i>.055</i>	<i>.019</i>		
<i>To 55'</i>								Assay	%	<i>.019</i>	Adjusted to 70% Sn.	