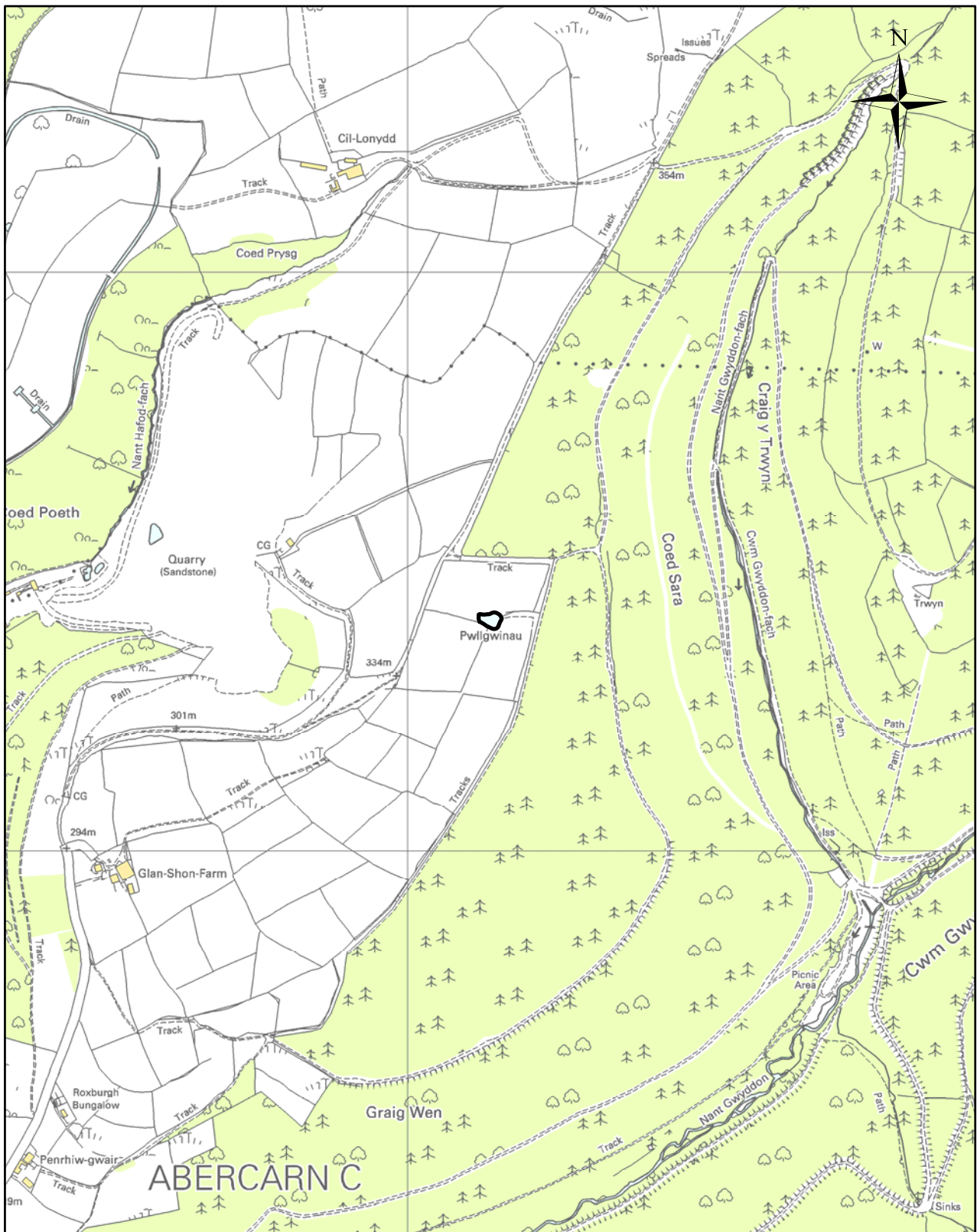


Sites of Importance for Nature Conservation in Caerphilly County Borough Council	
<b><u>LDP Policy Ref. NH 3.123</u></b>	<b>SINC name: Pwllgwinau, east of Newbridge</b>
<b>Grid reference: ST231963</b>	<b>Area (hectares): 0.08</b>
<b>Survey date: 17<sup>th</sup> April 2007</b>	<b>Surveyed by: Dr Peter Sturgess (Hyder Consulting Ltd.)</b>
<b>(UDP policy reference: C11.112)</b>	
<b>Summary description</b>	
A muddy pond surrounded by grazed semi-improved pasture. There is little emergent or aquatic vegetation. A few Beech trees are present on the remains of the nearby hedge-banks. The pond is notable for the presence of Great crested newt, Palmate newt, Smooth newt and Common frog.	
<b>Qualifying features</b>	
Presence of 4 breeding amphibian species, including Great Crested Newt.	
<b>Secondary features</b>	
Pond with aquatic vegetation.	
<b>Potential value/ unconfirmed features</b>	
The pond is likely to be of value to dragonflies and other aquatic invertebrates, and as a feeding area for bats.	
<b>Current management (including problems and opportunities for biodiversity enhancement)</b>	
There were no signs of recent pond management. Cattle from the surrounding fields are able to access the pond freely and this makes the water very turbid. If part of the pond margins (perhaps up to 50%) were fenced off to allow local development of aquatic and emergent vegetation, this would enhance biodiversity. Replanting and protecting the hedgerow connecting the pond to the woodland is also likely to have benefits to wildlife by providing a linking habitat.	
<b>Access/ community use</b>	
There is no public access to the pond, but it is visible from nearby road and footpaths.	
<b>Additional information</b>	
Wading cattle had made the water extremely turbid at the time of the survey. Amphibians breeding in the pond are likely to use terrestrial habitat in the surrounding area, particularly the nearby woodland (SINC NH 3.124).	
<b>Species list (Dominant species, SINC Criteria, RDB or other notable indicator species)</b>	
(LBAP species shown in <b>bold</b> , species confirmed by 2007 survey in <i>italics</i> )	
<u>Species at pond margins:</u> <i>Agrostis stolonifera</i> , <i>Glyceria fluitans</i> .	
<u>Tree species:</u> <i>Fagus sylvatica</i> .	
<u>Fauna observations:</u> <b>Common Frog</b> (tadpoles). Several newts were seen surfacing to breathe at the pond surface. They could not be identified to species level, but may have been Great Crested Newts.	
<u>Additional records from desk study:</u> <b>Great Crested Newt, Smooth newt, Palmate Newt, Emperor Dragonfly</b> , Potamogeton natans, Ranunculus peltatus, Juncus effusus, Juncus articulatus. Various freshwater invertebrates, including Water Scorpion and dragonfly and damselfly larvae.	

Caerphilly County Borough Council  
Site of Importance for Nature Conservation  
LDP Policy Ref: NH 3.112 (SINC 112)  
Pwllgwinau, East of Newbridge 1 Ha

1:10,000



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Atgynhychwyd o fapiad yr Arolwg Ordnans gyda chaniatod rheolwr Llyfrfa ei Mawrhydi hawlfraint y Goron. Mae atgynhychu heb awdurdod yn torri hawlfraint y Goron.  
Gall hyn arwain at erlyniad neu achos sifil. Cyngor Bwrdeistref Sirol Caerffili, 100025372, 2008.