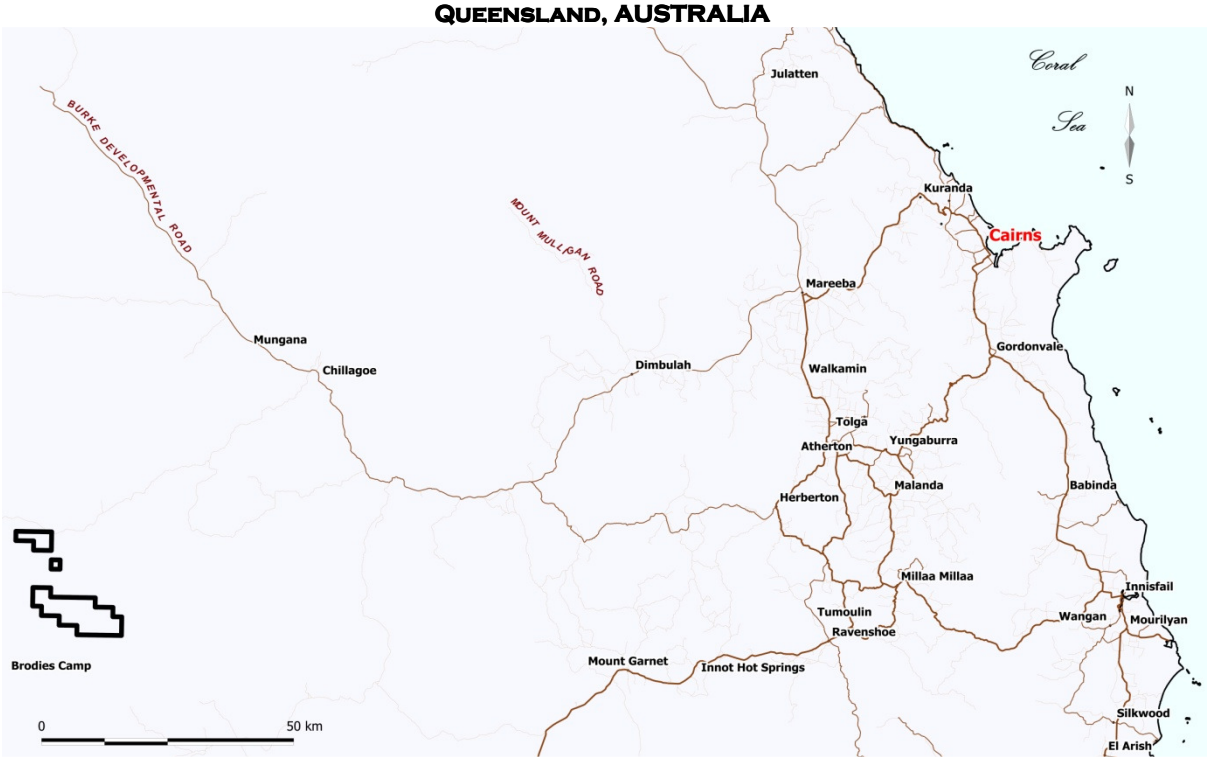
Euramo Investments Pty Ltd

EPM16330 ANNUAL REPORT

27 October 2011 - 26 October 2012

Queensland, AUSTRALIA



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Date of Report March 2013

1:100,000 – Lyndbrook (7762), Mungana (7763), Blackdown (7663)
1:250,000 – Atherton (SE5505), Red River (SE5408)
Target Commodities - All
Datum - GDA94
Zone - 54

Summary

This report on EPM16330 summarises the work completed over a year period from 2011 - 2012. EPM 16330, which is situated approximately 65km south west of Chillagoe, is accessed via sealed and unsealed roads. Tenure was initially granted on the 27th of October 2011 for a period of 5 years.

The company has been unable to fulfil the work program as set out in the application. Nil exploration and nil expenditure have been recorded on the tenement.

Geologically, the EPM is located in the southern part of the Dargalong Inlier, within the Pama Igneous Province. The oldest rocks exposed within the tenement comprise the Middle Proterozoic McDevitt Metamorphics and the Late Proterozoic Forsayth Granite

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INTRODUCTION

Location and access

EPM16330 is centrally located approximately 65km south west of Chillagoe and can be accessed via the Bolwarra Station homestead on a good network of station tracks.

Figure One: EL7489 Location

Climate, Topography & Vegetation

Climate is arid monsoonal with most of the rain falling between January and March.

Most of the tenement is open eucalypt woodland on rolling hills but grades into areas of rugged topography and thick scrub. Thick lancewood scrub is common over elevated outcrops of Cainozoic sandstone. The Lynd River flows in between the part of the tenements.

Tenure

The Tenement areas are wholly held by Euramo Investments Pty Ltd. Euramo Investments was initially granted exploration tenement EPM16330 on the 27 October 2011. The tenement consists of 36 subblocks.

Figure Two: Block Map of EPM16330

GEOLOGY

EPM16330 is located in the southern part of the Dargalong Inlier, within the Pama Igneous Province. The oldest rocks exposed within the tenement comprise the Middle Proterozoic McDevitt Metamorphics and the Late Proterozoic Forsayth Granite. Dominant metamorphic lithologies are hornfelsed metasediments, phyllites and quartz-muscovite schists with sub-ordinate micaceous metaarenites and glassy quartzites. Mafic sills and irregular shaped amphibolite pods are common. Metamorphic grade is upper green schist-lower amphibolite facies, with local transitions to amphibolite facies. The Forsayth Granite is dominantly a grey coarse-grained to porphyritic biotite granite that is thought to have intruded the McDevitt sediments late in the Proterozoic.

The Scardons Volcanics, also identified within the tenement area, occupy a series of overlapping calderas exposed over an area of approximately 800 square kilometres and are considered to be of Permo-Carboniferous age. Brecciated volcanic vents and rhyolitic flow domes that form a jumble of rugged hills around the head of the Red River and extending north east to beyond the Lynd River have been interpreted as part of a collapsed caldera margin. Three phases of volcanism have been recognised by previous workers. A basal intermediate to felsic phase comprising andesitic to trachytic flows and minor volcaniclastics, has been intruded by resurgent rhyolitic flow domes and minor tuffs, principally along the curvilinear rim fractures of the caldera margin. The third phase comprises an extensive sheet of light grey to pink poorly welded rhyolite.

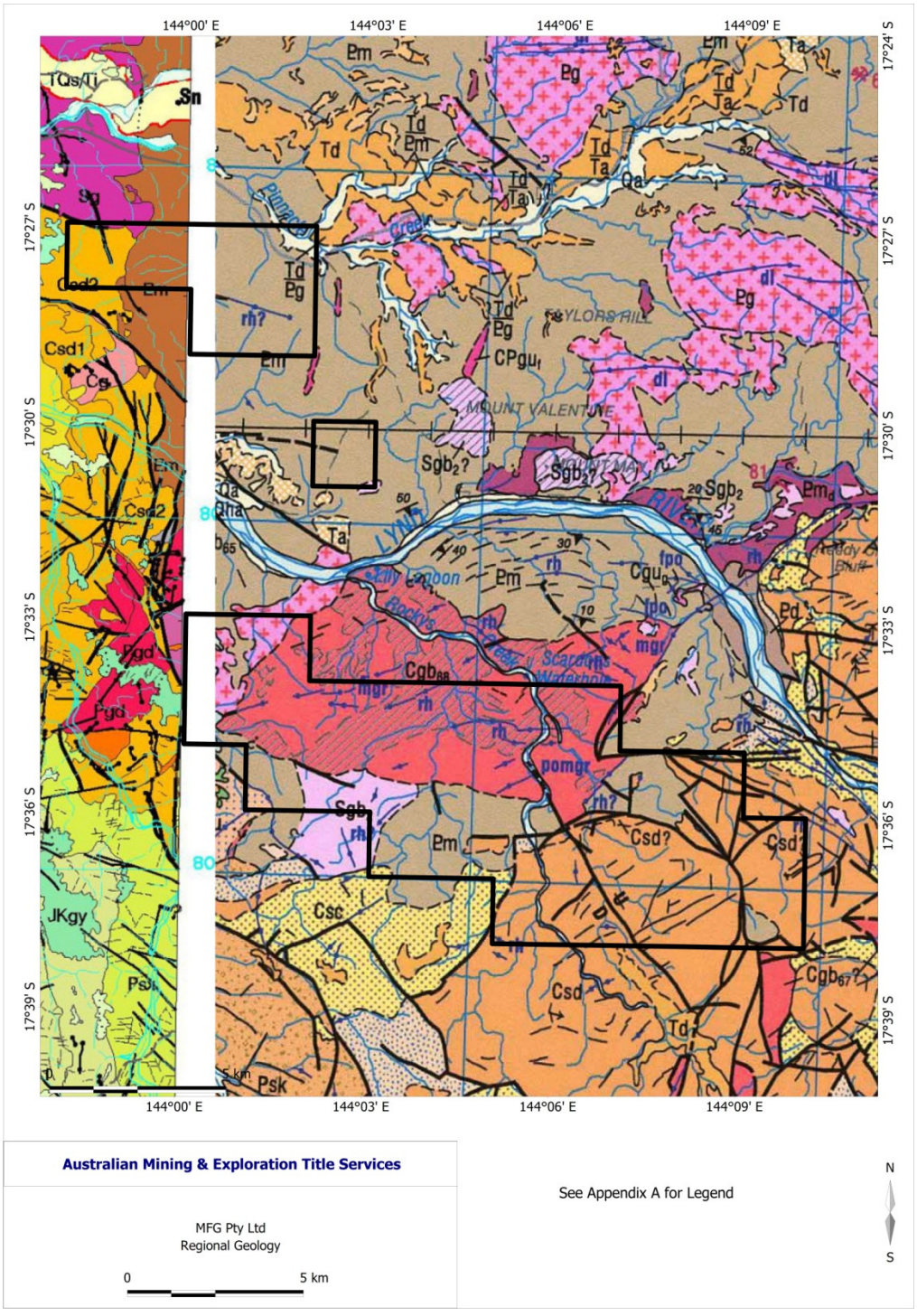


Figure 3: Geology of the Lynd River Project area

Euramo Investments Work

Euramo Investments Pty Ltd has been unable to fulfil its work programme for this period. It is envisaged that the first years work program will be conducted during the second year of tenure.

Conclusions

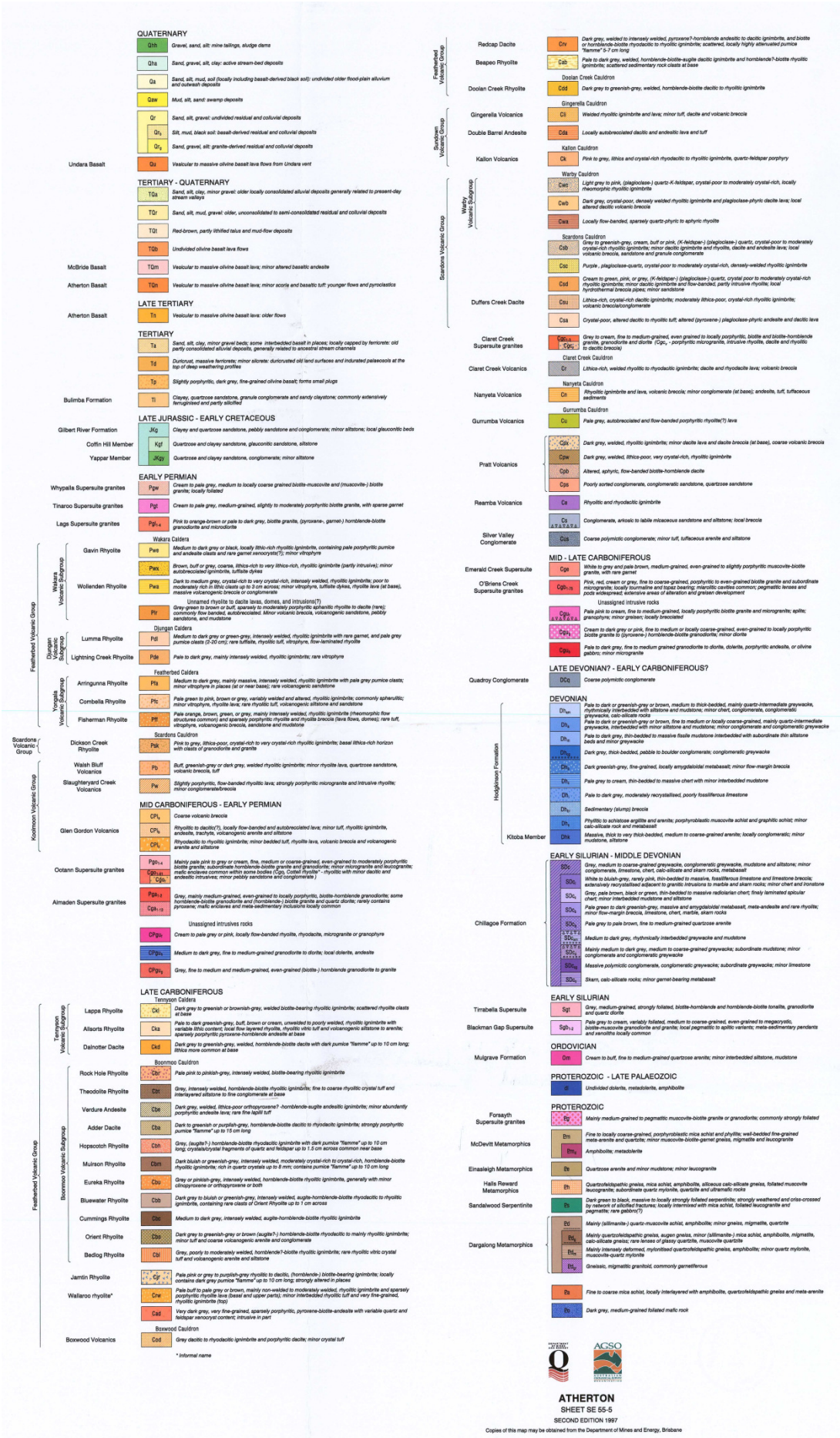
Nil exploration has been undertaken during this period. The area is still considered prospective to the tenement holder and there are plans to resume exploration as soon as possible.

Sources

Brauhart, C., 2005. Sipa - Gaia NL *EPM14123 "Taylors Hill" Atherton Project First and Final Annual Report For the period 8/09/2004 to 7/09/2005*. June 2005 QDEX CR39147

Rotherham, J., 2009. Echo Resources Limited. EPM15546 Reedy Creek South. Relinquishment Report for period ending 19th February 2009. QDEX CR56287.

Appendix A
Geological Map Legend


QUATERNARY
Qhh Gravel, sand, silt: mine tailings, sludge dams
Qha Sand, gravel, silt, clay: active stream-bed deposits
Qa Sand, silt, mud, soil (locally including basalt-derived black soil): undivided older flood-plain alluvium and outwash deposits
Qaw Mud, silt, sand: swamp deposits
Qr Sand, silt, gravel: undivided residual and colluvial deposits
Qr5 Silt, mud, black soil: basalt-derived residual and colluvial deposits
Qrg Sand, gravel, silt: granite-derived residual and colluvial deposits
Undara Basalt Qu Vesicular to massive olivine basalt lava flows from Undara vent
TERTIARY - QUATERNARY
TQa Sand, silt, clay, minor gravel: older locally consolidated alluvial deposits generally related to present-day stream valleys
TQr Sand, silt, mud, gravel: older, unconsolidated to semi-consolidated residual and colluvial deposits
TQt Red-brown, partly lithified talus and mud-flow deposits
TQb Undivided olivine basalt lava flows
McBride Basalt TQm Vesicular to massive olivine basalt lava; minor altered basaltic andesite
Atherton Basalt TQn Vesicular to massive olivine basalt lava; minor scoria and basaltic tuff: younger flows and pyroclastics
LATE TERTIARY
Atherton Basalt Tn Vesicular to massive olivine basalt lava: older flows
TERTIARY
Ta Sand, silt, clay, minor gravel beds; some interbedded basalt in places; locally capped by ferricrete: old partly consolidated alluvial deposits, generally related to ancestral stream channels
Td Duricrust, massive ferricrete; minor silcrete: duricrusted old land surfaces and indurated paleosols at the top of deep weathering profiles
Tp Slightly porphyritic, dark grey, fine-grained olivine basalt; forms small plugs
Bulimba Formation Tl Clayey, quartzose sandstone, granule conglomerate and sandy claystone; commonly extensively ferruginised and partly silicified
LATE JURASSIC - EARLY CRETACEOUS
Gilbert River Formation JKg Clayey and quartzose sandstone, pebbly sandstone and conglomerate; minor siltstone; local glauconitic beds
Coffin Hill Member Kqf Quartzose and clayey sandstone, glauconitic sandstone, siltstone
Yappar Member JKqy Quartzose and clayey sandstone, conglomerate; minor siltstone
EARLY PERMIAN
Whypalla Supersuite granites Ppw Cream to pale grey, medium to locally coarse grained biotite-muscovite and (muscovite-) biotite granite; locally foliated
Tinaroo Supersuite granites Pgt Cream to pale grey, medium-grained, slightly to moderately porphyritic biotite granite, with sparse garnet
Lags Supersuite granites Pgl1-4 Pink to orange-brown or pale to dark grey, biotite granite, (pyroxene-, garnet-) hornblende-biotite granodiorite and microdiorite
Wakara Caldera
Feathertop Volcanic Group
Wakara Volcanic Subgroup
Gavin Rhyolite Pwe Medium to dark grey or black, locally lithic-rich rhyolitic ignimbrite, containing pale porphyritic pumice and andesite clasts and rare garnet xenocryste(?); minor vitrophyre
Pwx Brown, buff or grey, coarse, lithics-rich to very lithics-rich, rhyolitic ignimbrite (partly intrusive); minor autobrecciated ignimbrite, tuffsite dykes
Wollenden Rhyolite Pwa Dark to medium grey, crystal-rich to very crystal-rich, intensely welded, rhyolitic ignimbrite; poor to moderately rich in lithic clasts up to 3 cm across; minor vitrophyre, tuffsite dykes, rhyolite lava (at base), massive volcanogenic breccia or conglomerate
Unnamed rhyolite to dacite lavas, domes, and intrusions(?)
Pir Grey-green to brown or buff, sparsely to moderately porphyritic aphanitic rhyolite to dacite (rare); commonly flow banded, autobrecciated. Minor volcanic breccia, volcanogenic sandstone, pebbly sandstone, and mudstone
Djungan Caldera
Djungan Volcanic Subgroup
Lumma Rhyolite Pdl Medium to dark grey or green-grey, intensely welded, rhyolitic ignimbrite with rare garnet, and pale grey pumice clasts (2-20 cm); rare tuffsite, rhyolitic tuff, vitrophyre, flow-laminated rhyolite
Lightning Creek Rhyolite Pde Pale to dark grey, mainly intensely welded, rhyolitic ignimbrite; rare vitrophyre
Featherbed Caldera
Yongala Volcanic Subgroup
Arringunna Rhyolite Pfa Medium to dark grey, mainly massive, intensely welded, rhyolitic ignimbrite with pale grey pumice clasts; minor vitrophyre in places (at or near base); rare volcanogenic sandstone
Combella Rhyolite Pfc Pale green to pink, brown or grey, variably welded and altered, rhyolitic ignimbrite; commonly spherulitic; minor vitrophyre, rhyolite lava; rare rhyolitic tuff, volcanogenic siltstone and sandstone
Fisherman Rhyolite Pff Pale orange, brown, green, or grey, mainly intensely welded, rhyolitic ignimbrite (rheomorphic flow structures common) and sparsely porphyritic rhyolite and rhyolite breccia (lava flows, domes); rare tuff, vitrophyre, volcanogenic breccia, sandstone and mudstone
Scardons Caldron
Scardons Volcanic Group
Dickson Creek Rhyolite Psk Pink to grey, lithics-poor, crystal-rich to very crystal-rich rhyolitic ignimbrite; basal lithics-rich horizon with clasts of granodiorite and granite
Koolmoon Volcanic Group
Walsh Bluff Volcanics Pb Buff, greenish-grey or dark grey, welded rhyolitic ignimbrite; minor rhyolite lava, quartzose sandstone, volcanic breccia, tuff
Slaughteryard Creek Volcanics Pw Slightly porphyritic, flow-banded rhyolite lava; strongly porphyritic microgranite and intrusive rhyolite; minor conglomerate/breccia
MID CARBONIFEROUS - EARLY PERMIAN
Glen Gordon Volcanics CPl1 Coarse volcanic breccia
CPl2 Rhyolitic to dacitic(?), locally flow-banded and autobrecciated lava; minor tuff, rhyolitic ignimbrite, andesite, trachyte, volcanogenic arenite and siltstone
CPl3 Rhyodacitic to rhyolitic ignimbrite; minor bedded tuff, rhyolite lava, volcanic breccia and volcanogenic arenite and siltstone
Ootann Supersuite granites Pgo1-4 Mainly pale pink to grey or cream, fine, medium or coarse-grained, even-grained to moderately porphyritic biotite granite; subordinate hornblende-biotite granite and granodiorite; minor microgranite and leucogranite; mafic enclaves common within some bodies (Cgo2 Cattel rhyolite* - rhyolitic with minor dacitic and andesitic intrusives; minor pebbly sandstone and conglomerate)
Cgo3
Cgo4
Almaden Supersuite granites Pgk1-2 Grey, mainly medium-grained, even-grained to locally porphyritic, biotite-hornblende granodiorite; some hornblende-biotite granodiorite and (hornblende-) biotite granite and quartz diorite; rarely contains pyroxene; mafic enclaves and meta-sedimentary inclusions locally common
Cgk1-3
Unassigned intrusives rocks
CPgs1 Cream to pale grey or pink, locally flow-banded rhyolite, rhyodacite, microgranite or granophyre
CPgs2 Medium to dark grey, fine to medium-grained granodiorite to diorite; local dolerite, andesite
CPgs3 Grey, fine to medium and medium-grained, even-grained (biotite-) hornblende granodiorite to granite
LATE CARBONIFEROUS
Tennyson Caldera
Feathertop Volcanic Group
Tennyson Volcanic Subgroup
Lappa Rhyolite CKl Dark grey to greenish or brownish-grey, welded biotite-bearing rhyolitic ignimbrite; scattered rhyolite clasts at base
Allsorts Rhyolite CKa Pale to dark greenish-grey, buff, brown or cream, unwelded to poorly welded, rhyolitic ignimbrite with variable lithic content; local flow layered rhyolite, rhyolitic vitric tuff and volcanogenic siltstone to arenite; sparsely porphyritic pyroxene-hornblende andesite at base
Dalnotter Dacite CKd Dark grey to greenish-grey, welded, hornblende-biotite dacite with dark pumice "flamme" up to 10 cm long; lithics more common at base
Boonmoo Caldron
Boonmoo Volcanic Subgroup
Rock Hole Rhyolite CKr Pale pink to pinkish-grey, intensely welded, biotite-bearing rhyolitic ignimbrite
Theodolite Rhyolite CKt Grey, intensely welded, hornblende-biotite rhyolitic ignimbrite; fine to coarse rhyolitic crystal tuff and interlayered siltstone to fine conglomerate at base
Verdure Andesite CKe Dark grey, welded, lithics-poor orthopyroxene? -hornblende-augite andesitic ignimbrite; minor abundantly porphyritic andesite lava; rare fine lapilli tuff
Adder Dacite CKa Dark to greenish or purplish-grey, hornblende-biotite dacitic to rhyodacitic ignimbrite; strongly porphyritic pumice "flamme" up to 15 cm long
Hopscotch Rhyolite CKh Grey, (augite?-) hornblende-biotite rhyodacitic ignimbrite with dark pumice "flamme" up to 10 cm long; crystals/crystal fragments of quartz and feldspar up to 1.5 cm across common near base
Muirson Rhyolite CKm Dark bluish or greenish-grey, intensely welded, moderately crystal-rich to crystal-rich, hornblende-biotite rhyolitic ignimbrite; rich in quartz crystals up to 6 mm; contains pumice "flamme" up to 10 cm long
Eureka Rhyolite CKu Grey or pinkish-grey, intensely welded, hornblende-biotite rhyolitic ignimbrite, generally with minor clinopyroxene or orthopyroxene or both
Bluewater Rhyolite CKb Dark grey to bluish or greenish-grey, intensely welded, augite-hornblende-biotite rhyodacitic to rhyolitic ignimbrite, containing rare clasts of Orient Rhyolite up to 1 cm across
Cummings Rhyolite CKc Medium to dark grey, intensely welded, augite-hornblende-biotite rhyolitic ignimbrite
Orient Rhyolite CKo Dark grey to greenish-grey or brown (augite?-) hornblende-biotite rhyodacitic to mainly rhyolitic ignimbrite; minor tuff and coarse volcanogenic arenite and conglomerate
Bedlog Rhyolite CKl Grey, poorly to moderately welded, hornblende?-biotite rhyolitic ignimbrite; rare rhyolitic vitric crystal tuff and volcanogenic arenite and siltstone
Jamtin Rhyolite CKr Pale pink or grey to purplish-grey rhyolitic to dacitic, (hornblende-) biotite-bearing ignimbrite; locally contains dark grey pumice "flamme" up to 10 cm long; strongly altered in places
Wallaroo rhyolite* CKw Pale buff to pale grey or brown, mainly non-welded to moderately welded, rhyolitic ignimbrite and sparsely porphyritic rhyolite lava (basal and upper parts); minor interbedded rhyolitic tuff and very fine-grained, rhyolitic ignimbrite (top)
CKd Very dark grey, very fine-grained, sparsely porphyritic, pyroxene-biotite-andesite with variable quartz and feldspar xenocryst content; intrusive in part
Boxwood Volcanics
Boxwood Caldron
CKd Grey dacitic to rhyodacitic ignimbrite and porphyritic dacite; minor crystal tuff
* Informal name
Redcap Dacite CKr Dark grey, welded to intensely welded, pyroxene?-hornblende andesitic to dacitic ignimbrite, and biotite or hornblende-biotite rhyodacitic to rhyolitic ignimbrite; scattered, locally highly attenuated pumice "flamme" 5-7 cm long
Feathertop Volcanic Group
Beapeo Rhyolite CKb Pale to dark grey, welded, hornblende-biotite-augite dacitic ignimbrite and hornblende?-biotite rhyolitic ignimbrite; scattered sedimentary rock clasts at base
Doolan Creek Caldron
Doolan Creek Rhyolite CKd Dark grey to greenish-grey, welded, hornblende-biotite dacitic to rhyolitic ignimbrite
Gingerella Caldron
Gingerella Volcanics CKi Welded rhyolitic ignimbrite and lava; minor tuff, dacite and volcanic breccia
Scardons Volcanic Group
Double Barrel Andesite CKa Locally autobrecciated dacitic and andesitic lava and tuff
Kallon Caldron
Kallon Volcanics CK Pink to grey, lithics and crystal-rich rhyodacitic to rhyolitic ignimbrite, quartz-feldspar porphyry
Warby Caldron
Warby Volcanic Subgroup
CKwc Light grey to pink, (plagioclase-) quartz-K-feldspar, crystal-poor to moderately crystal-rich, locally rheomorphic rhyolitic ignimbrite
CKwb Dark grey, crystal-poor, densely welded rhyolitic ignimbrite and plagioclase-phyric dacite lava; local altered dacitic volcanic breccia
CKwa Locally flow-banded, sparsely quartz-phyric to aphyric rhyolite
Scardons Caldron
CKb Grey to greenish-grey, cream, buff or pink, (K-feldspar-) (plagioclase-) quartz, crystal-poor to moderately crystal-rich rhyolitic ignimbrite; minor dacitic ignimbrite and rhyolite, dacite and andesite lava; local volcanic breccia, sandstone and granule conglomerate
CKc Purple , plagioclase-quartz, crystal-poor to moderately crystal-rich, densely-welded rhyolitic ignimbrite
CKd Cream to green, pink, or grey, (K-feldspar-) (plagioclase-) quartz, crystal poor to moderately crystal-rich rhyolitic ignimbrite; minor dacitic ignimbrite and flow-banded, partly intrusive rhyolite; local hydrothermal breccia pipes; minor sandstone
Duffers Creek Dacite CKu Lithics-rich, crystal-rich dacitic ignimbrite; moderately lithics-poor, crystal-rich rhyolitic ignimbrite; volcanic breccia/conglomerate
CKa Crystal-poor, altered dacitic to rhyolitic tuff; altered (pyroxene-) plagioclase-phyric andesite and dacitic lava
Claret Creek Supersuite granites CgCk1-2 Grey to cream, fine to medium-grained, even grained to locally porphyritic, biotite and biotite-hornblende granite, granodiorite and diorite (CgC1 - porphyritic microgranite, intrusive rhyolite, dacite and rhyolitic to dacitic breccia)
CgCk3
Claret Creek Volcanics
Claret Creek Caldron
Cr Lithics-rich, welded rhyolitic to rhyodacitic ignimbrite; dacite and rhyodacite lava; volcanic breccia
Nanyeta Volcanics
Nanyeta Caldron
Cn Rhyolitic ignimbrite and lava, volcanic breccia; minor conglomerate (at base); andesite, tuff, tuffaceous sediments
Gurrumba Volcanics
Gurrumba Caldron
Cu Pale grey, autobrecciated and flow-banded porphyritic rhyolite(?) lava
Pratt Volcanics
CpK Dark grey, welded, rhyolitic ignimbrite; minor dacite lava and dacite breccia (at base), coarse volcanic breccia
Cpw Dark grey, welded, lithics-poor, very crystal-rich, rhyolitic ignimbrite
Cpb Altered, aphyric, flow-banded biotite-hornblende dacite
Cps Poorly sorted conglomerate, conglomeratic sandstone, quartzose sandstone
Reamba Volcanics Cs Rhyolitic and rhyodacitic ignimbrite
Silver Valley Conglomerate Cs Conglomerate, arkosic to labile micaceous sandstone and siltstone; local breccia
Css Coarse polymictic conglomerate; minor tuff, tuffaceous arenite and siltstone
Emerald Creek Supersuite MID - LATE CARBONIFEROUS
Cge White to grey and pale brown, medium-grained, even-grained to slightly porphyritic muscovite-biotite granite, with rare garnet
O'Briens Creek Supersuite granites CgbCm-Cg Pink, red, cream or grey, fine to coarse-grained, porphyritic to even-grained biotite granite and subordinate microgranite; locally tourmaline and topaz bearing; miarolitic cavities common; pegmatitic lenses and pods widespread; extensive areas of alteration and greisen development
Unassigned intrusive rocks
CgbCm1 Pale pink to cream, fine to medium-grained, locally porphyritic biotite granite and microgranite; aplite; granophyre; minor greisen; locally brecciated
CgbCm2 Cream to dark grey or pink, fine to medium or locally coarse-grained, even-grained to locally porphyritic biotite granite to (pyroxene-) hornblende-biotite granodiorite; minor diorite
CgbCm3 Pale to dark grey, fine to medium grained granodiorite to diorite, dolerite, porphyritic andesite, or olivine gabbro; minor microgranite
Quadroy Conglomerate LATE DEVONIAN? - EARLY CARBONIFEROUS?
DCq Coarse polymictic conglomerate
DEVONIAN
Hodgkinson Formation
Dh Pale to dark or greenish-grey or brown, medium to thick-bedded, mainly quartz-intermediate greywacke, rhythmically interbedded with siltstone and mudstone; minor chert, conglomerate, conglomeratic greywacke, calc-silicate rocks
Dhf Pale to dark or greenish-grey or brown, fine to medium or locally coarse-grained, mainly quartz-intermediate greywacke, interbedded with minor siltstone and mudstone; minor conglomerate and conglomeratic greywacke
Dhm Pale to dark grey, thin-bedded to massive fissile mudstone interbedded with subordinate thin siltstone beds and minor greywacke
Dhp Dark grey, thick-bedded, pebble to boulder conglomerate; conglomeratic greywacke
Dhg Dark greenish-grey, fine-grained, locally amygdaloidal metabasalt; minor flow-margin breccia
Dhc Pale grey to cream, thin-bedded to massive chert with minor interbedded mudstone
Dhl Pale to dark grey, moderately recrystallised, poorly fossiliferous limestone
Dhs Sedimentary (slump) breccia
Dhs Phyllitic to schistose argillite and arenite; porphyroblastic muscovite schist and graphitic schist; minor calc-silicate rock and metabasalt
Kitoba Member Dhk Massive, thick to very thick-bedded, medium to coarse-grained arenite; locally conglomeratic; minor mudstone, siltstone
EARLY SILURIAN - MIDDLE DEVONIAN
Chillagoe Formation
SDc Grey, medium to coarse-grained greywacke, conglomeratic greywacke, mudstone and siltstone; minor conglomerate, limestone, chert, calc-silicate and skarn rocks, metabasalt
SDc1 White to bluish-grey, rarely pink, thin-bedded to massive, fossiliferous limestone and limestone breccia; extensively recrystallised adjacent to granitic intrusions to marble and skarn rocks; minor chert and ironstone
SDc2 Grey, pale brown, black or green, thin-bedded to massive radiolarian chert; finely laminated spicular chert; minor interbedded mudstone and siltstone
SDc3 Pale green to dark greenish-grey, massive and amygdaloidal metabasalt, meta-andesite and rare rhyolite; minor flow-margin breccia, limestone, chert, marble, skarn rocks
SDc4 Pale grey to pale brown, fine to medium-grained quartzose arenite
SDc5 Medium to dark grey, rhythmically interbedded greywacke and mudstone
SDc6 Mainly medium to dark grey, medium to coarse-grained greywacke; subordinate mudstone; minor conglomerate and conglomeratic greywacke
SDc7 Massive polymictic conglomerate, conglomeratic greywacke; subordinate greywacke; minor limestone
SDc8 Skarn, calc-silicate rocks; minor garnet-bearing metabasalt
EARLY SILURIAN
Tirrabella Supersuite Sgt Grey, medium-grained, strongly foliated, biotite-hornblende and hornblende-biotite tonalite, granodiorite and quartz diorite
Blackman Gap Supersuite Sgb1-2 Pale grey to cream, variably foliated, medium to coarse-grained, even-grained to megacrystic, biotite-muscovite granodiorite and granite; local pegmatitic to aplitic variants; meta-sedimentary pendants and xenoliths locally common
ORDOVICIAN
Mulgrave Formation Om Cream to buff, fine to medium-grained quartzose arenite; minor interbedded siltstone, mudstone
PROTEROZOIC - LATE PALAEOZOIC
di Undivided dolerite, metadolerite, amphibolite
PROTEROZOIC
Forsayth Supersuite granites Pg Mainly medium-grained to pegmatitic muscovite-biotite granite or granodiorite; commonly strongly foliated
McDevitt Metamorphics Pm Fine to locally coarse-grained, porphyroblastic mica schist and phyllite; well-bedded fine-grained meta-arenite and quartzite; minor muscovite-biotite-garnet gneiss, migmatite and leucogranite
Pmu Amphibolite; metadolerite
Einasleigh Metamorphics Pe Quartzose arenite and minor mudstone; minor leucogranite
Halls Reward Metamorphics Ph Quartzofeldspathic gneiss, mica schist, amphibolite, siliceous calc-silicate gneiss, foliated muscovite leucogranite; subordinate quartz mylonite, quartzite and ultramafic rocks
Sandalwood Serpentinite Ps Dark green to black, massive to locally strongly foliated serpentinite; strongly weathered and criss-crossed by network of silicified fractures; locally intermixed with mica schist, foliated leucogranite and pegmatite; rare gabbro(?)
Dargalong Metamorphics Pd Mainly (sillimanite-) quartz-muscovite schist, amphibolite; minor gneiss, migmatite, quartzite
Pdq Mainly quartzofeldspathic gneiss, augen gneiss, minor (sillimanite-) mica schist, amphibolite, migmatite, calc-silicate gneiss; rare lenses of glassy quartzite, muscovite quartzite
Pdm Mainly intensely deformed, mylonitised quartzofeldspathic gneiss, amphibolite; minor quartz mylonite, muscovite-quartz mylonite
Pdg Gneissic, migmatitic granitoid, commonly garnetiferous
Pa Fine to coarse mica schist, locally interlayered with amphibolite, quartzofeldspathic gneiss and meta-arenite
Pb Dark grey, medium-grained foliated mafic rock
ATHERTON
SHEET SE 55-5
SECOND EDITION 1997
Copies of this map may be obtained from the Department of Mines and Energy, Brisbane