



ALLEGIANCE MINING NL

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EL 22/1997 TRIAL HARBOUR AREA

ANNUAL REPORT TO JULY, 2001

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Annual Report to July 2001 - EL22/1997 - Trial Harbour Area
Allegiance Mining NL*; Newnham Exploration and Mining Services
EL22/1997; EL28/1988
Newnham, L.A.



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Re Surveys
See copy on
EL 28/88 PT 6
folio 7

1. SUMMARY

EL 22/1997 is considered prospective for nickel sulfide skarn deposits of the Avebury style; ie, pentlandite accumulations in the upper levels of ultramafic host rocks, which have been intensely altered by the intrusion of the Heemskirk Granite.

Work during 2000-2001 was focused on two prospective areas:

- West Avebury
- Burbank

The **West Avebury** area is underlain by a Cambrian sedimentary sequence which includes an ultramafic unit, interpreted as the western extension of the South Avebury deposit host rock sequence. Several large aeromagnetic anomalies have been defined and the area is strongly altered by the underlying granite.

During the year, the area was mapped and lithogeochemically sampled. This data has been integrated into the Avebury district digital data base.

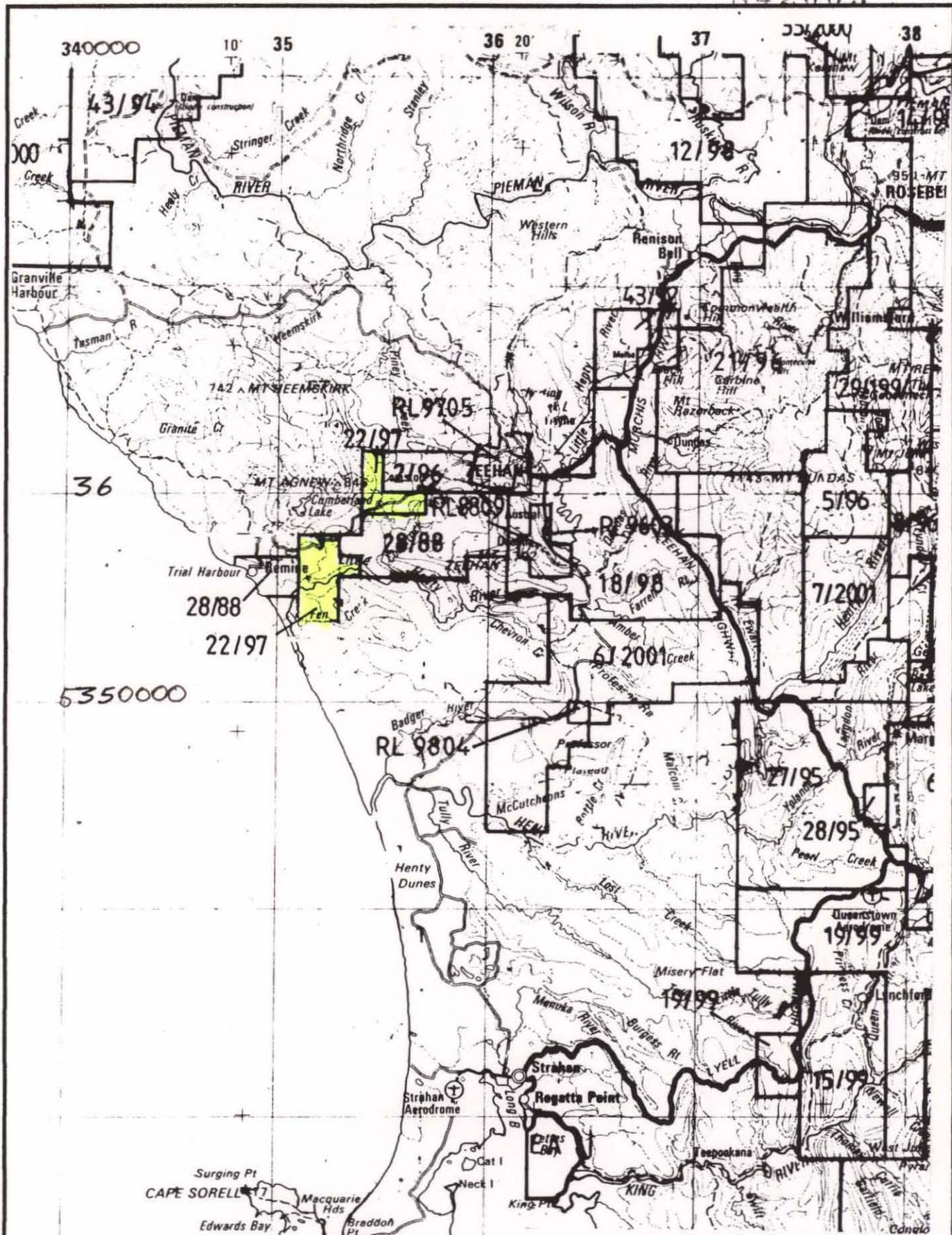
The **Burbank** area is underlain by a strongly faulted and intensely altered ultramafic body. Previous surveys in this area by Allegiance defined a zone south of the Little Henty River which was strongly nickel anomalous (>1% Ni in outcrop).

During 2000-2001 the area was re-mapped and re-sampled to both confirm and better define previous results. Results confirmed the highly Ni anomalous nature of this area.

2. RESULTS

Details of results of the above work are contained in the Appended report:

"Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Areas, ELs 28/88 and 22/97"



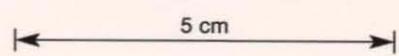
NEWNHAM EXPLORATION AND MINING SERVICES

ALLEGIANCE MINING NL

EL 22/1997 - TRIAL HARBOUR LOCATION PLAN

Scale: 1 : 250,000

Drawn: LAN Date: JUN 2001



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Report on Geological Mapping and Rock Chip
Sampling of the West Avebury, Pontiac and Burbank
Allegiance Mining NL*

Reid, R.

EL22/1997; EL28/1988

**Report on Geological Mapping
and Rock Chip Sampling of the
West Avebury, Pontiac and
Burbank Areas, EL's 28/88 &
22/97**

Allegiance Mining NL.

Robert Reid, May 2000

(Newnham Exploration and Mining Services)

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Introduction

This report details the results of geological mapping and rock chip sampling undertaken in the West Avebury and Pontiac areas (EL's 22/97 & 28/88), during the period October 2000 to February 2001. Also included is follow up sampling of the 1%+ Ni anomaly in rock chip at Burbank (Little Henty River), discovered during the 1999/2000 field season. Totals of 282, 122 and 52 rock chip samples were collected from the West Avebury, Pontiac and Burbank area's respectively. The samples were analysed for Ni, Cu, Pb, Zn, Cr and As at Analabs, Burnie.

Access to the Pontiac and most of the West Avebury areas was via the Trial Harbour and Avebury Roads. The southernmost portions of the West Avebury area were accessed via the Little Henty River, using a small aluminium dinghy, which was rowed and dragged up the river. Access to this very remote area was time consuming and difficult, owing to the steep terrain. The northern side of the Little Henty River was accessed on foot.

This report focuses upon new and updated information without re-iteration of last field seasons results. Background information covering geology, alteration and mineralisation styles is given in Reid (2000).

West Avebury and Pontiac

Geology

The stratigraphy is clearly revealed across a number of sections in the West Avebury area (see plate 1 & 2). The conglomeratic host horizon was traced from the South Avebury area for 1.5km to the west. Ultramafic's and magnetite alteration were located on the host horizon at its western most extent, where Precambrian sediments are thrust over the Cambrian. The conglomerate apparently thins dramatically west of 353000mE (AMG) and similarly pinches out completely to the north, where lithicwacke only is evident at the folded repetition of the host horizon. Thus a vector to the thickest conglomerate channel fill is in an arc E to S (partly toward South Avebury).

Gabbro is inferred to outcrop subparallel to the granite contact, in the north of the West Avebury area. Pseudo gabbroic textures are locally evident within outcrop of clearly greywacke affinity. These textures often seem to be silica-serpentinite alteration induced. Although the possibility exists that thin gabbro dykes irregularly intrude the greywacke.

Differentiating the geology in the Pontiac area (plate 6 & 7) was complex, owing to the flat nature and poor rock exposure in the area, combined with strong alteration. Many outcrops in the east of the area, were hornfels by the granite and/or highly silica-serpentinite altered. As a result, the central portion of the area is largely undifferentiated. Although, an approximately WNW striking belt located in the lower portion of the mapped area commonly contains thinly bedded fine grained greywacke and siltstone. Serpentinised mafic rocks were located in the vicinity of a significant E-W fault at the contact between the undifferentiated, mostly greywacke dominated terrain and gabbros and basalts of the McGivor Hill Gabbros. The conglomeratic horizon was not located in the Pontiac area. Measured bedding consistently faces north throughout the eastern side of the Pontiac area, suggesting younging to the north.

Thus much of the Pontiac stratigraphy may overlie the Avebury ultramafics.

Drill Core Examination

A cursory core examination of drill holes TH1,2 & 3, drilled by Renison in the 1970's, was made to aid geological interpretation, whilst 32 drill core samples tested previously unsampled intervals of ultramafic and mineralisation (appendix 3).

All drill holes intersected thin units (<3m) of serpentinite/ultramafic bearing magnetite and pyrrhotite. Core sampling returned up to 1940ppm Ni from serpentinitised, pyrrhotitic conglomerate in TH2 (~486m; appendix 3). No significant Ni mineralised intervals were located.

The Avebury host horizon is evident in all holes, with facies variation from conglomerate dominated in the east (TH2) to lithicwacke (TH1) and further west coarse-grained greywacke(TH3). When compared to the surface geology, facies apparently also fine to the north.

TH1 provides an interesting section through an interpreted thin ultramafic lava flow. Above the ultramafic, lithicwacke bearing mostly irregular, angular and sharp edged fine grained serpentinitised zones/clasts is evident (~28 to 30m). These serpentinitised zones could be interpreted as entrained/rip up clasts of hyaloclastite derived from an ultramafic lava flow top, within greywacke deposited via turbidity currents. Underlying is approximately 3m of ultramafic/serpentinite, which overlies hornfels (/calc-sil? altered) chert. Irregular vein-like dark green to black serpentinite zones within this chert have cream calc-sil? altered haloes. The latter could be interpreted to be peperitic ultramafic lava with hornfels of sediment at lava tongue margins. Note that elevated Cr is returned from analysis of such zones (appendix 3), indicating that many of the irregular serpentinite zones may have an ultramafic origin.

Geochemistry and Discussion

The Avebury conglomeratic host horizon was tested at a number of points along strike through the West Avebury area. The highest Ni analysis of 3580ppm came from a sulphidic silica-serpentinite altered probable ultramafic, which has been drill tested at depth by TH3 producing little Ni (<400ppm). This sample (30878) also contained appreciable Cu (2610ppm) and As(120ppm). The Avebury host horizon is tested across 500m of strike to the east of TH3 by drill holes TH1 and 2(max Ni 1940ppm). Rock chip sampling through this zone and extending toward South Avebury produced only weakly anomalous Ni (<120ppm). Whereas, 350m to the west of TH3, outcropping ultramafic which may be >40m thick, bears 967 and 450ppm Ni (samples 38529 and 38527). A significant working, located upstream of the outcropping ultramafic, comprises a 15m long trench opening to a 8m wide by 5m+ deep open cut/face in grey brittle siliceous rock with pervasive silicification (m) and minor q-veining. This siliceous rock is high in Cr (733ppm; 19ppm Ni) and possibly represents weathered ultramafic and/or calc-silicate skarn alteration.

At 352550mE, 5356750mN is an unexplained broad magnetic high over Silurian sediments, adjacent to the moderately east dipping faulted contact with the Cambrian. Sampling indicates that underlying Cambrian ultramafic and/or magnetite altered rock may source the high. Weathered ironstone, located in the vicinity of the magnetic high, contained 381ppm Ni, 3160ppm Zn and 120ppm As (38574). Similarly, Ni (143ppm; 38576) in Ordovician Limestone from nearby is clearly alteration related, representing leakage from a Ni source

beneath. The latter could be a folded repetition of the Avebury horizon. Note also that strong granite related calc-silicate alteration bearing galena (826ppm Pb, 529ppm Zn; 38556) overprints a probable shear zone on the Little Henty Fault to the west.

In the north of the Pontiac area, a number of Ni anomalies (1300 to 2610ppm Ni) are evident at the faulted contact between the gabbro and the Cambrian greywacke sequence. The Ni anomalies are associated with magnetite altered serpentinite and in one case calc-silicate altered serpentinite.

Burbank Followup

The Burbank (formerly Little Henty) Prospect, where sampling during the 1999/2000 field season returned 1%+ Ni in rock chips, was further evaluated by 2 days geological mapping and rock chip sampling. Updated geological and geochemical maps are appended (Plates 11 to 15).

The Burbank 1%+ Ni rock chip anomaly extends for 200+m along strike at a faulted ultramafic contact. Rock chip sampling returned analysis up to 1.62% Ni and 0.42% Zn from altered and weathered ultramafics. Subcropping semi-massive magnetite was located, returning 0.2% Ni from samples 38078,79. Resampling returned similar Ni analysis to that previously obtained (eg. 38099 returning 7000ppm Ni from the 30456; 7500ppm Ni site). Outcrop is not evident immediately along strike to the south east, although from a further 300m distant, Ni in the ultramafic's sampled is not anomalous (<240ppm).

Appendices

Appendix 1 Rock Chip Sample Descriptions - West Avebury

West Avebury Rock Chip Sample Descriptions

842011

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38401	1700	354244	5357455	dgrey hornfels fg/mg gwack & minor interbdd slst/sh, serp-vnd(w, local)
38402	1701	354204	5357452	dgn hornfels(m) mg gwack, semi-perv serp(w/m), serp-vnd(w/m)-py(1%)
38403	1702	354179	5357445	dgrey hornfels(w) mg gwacke & slst, serp-vnd(w)+/-q-py(tr), perv-serp(w)
38404	1703	354158	5357449	dgrey/gn sil-serp-vnd(w/m)-py(tr, locally 1%), hornfels mg gwack?, minor float q-cg gwacke
38405	1704	354102	5357442	pgn sil(w/m)-py-pyrrh(tr-locally 0.5%), relict sil-serp altered lht bn/tan wed clay zone with tour-mag skarn & breccia(m)
38406	1704.1	354102	5357442	sms mag(s) replacement veined
38407	1704.2	354112	5357442	tan/bn clayey ferruginised(m) zone with patches pgn perv sil-serp(s)
38408	1705	353988	5357435	dgrey hornfels slst, minor q-bearing fg/mg gwack
38409	1706	353954	5357432	float, sub angular wispy to purplish(axinite?) crm calc-sil(w) skarn after slst?, pyrrh dss and clots(0.5%)
38410	1706.1	353954	5357432	float, sub angular dgrey hornfels/indurated fg q-feld gwacke, vfg dss sulphide(?)
38411	1707	353960	5357370	grey hornfels mg gwack
38412	1708	353982	5357315	bn/gn chert, serp-vnd(w/m)
38413	1709	353952	5357276	hornfels, pyrrh(tr, locally 0.5%)
38414	1710	353950	5357215	grey/kaki fg/mg feldspathic gwack (basaltic gwack?)
38415	1711	353997	5357163	dgn matrix perv sil-serp(m/s), relict clasts siliceous sst, relict granule sst
38416	1711.5	354002	5357158	gn FeO(w/m) serp-vnd(m)-tour?(w)
38417	1712	354059	5357152	crm&bk hm(mag?)-vnd(m), FeO wed(w/m)
38418	1713	354038	5357147	pebble-cobble sst and granule-pebble congl, with subrounded clasts crm siliceous slst to 8cm, matrix perv-serp(m)
38419	1715	353925	5356956	crm & pkish lht bn siliceous fg sst, FeO-vnd(w)
38420	1719	353821	5356805	scree si(w/m) q-sst
38421	1720	353859	5356916	tan&crm siliceous slst
38422	1721	353875	5356965	Creek alluvium includes msv cg wed serpentinite, FeO(w/m)
38423	1722	353875	5356980	crm slst(ciac-sil-bnnd?) & gn perv&vnd-serp(m)
38424	1723	353880	5357005	lht bn/grey slst/fg gwacke hornfels(w/m)
38425	1724	353880	5357035	mg/cg q-feld gwacke hornfels(s), serp(w/m)
38426	1726	353735	5357379	dgrey/gn fg gwacke/hornfels
38427	1727	353731	5357300	lht bn fg to mg/cg gwacke/hornfels, q-feld bearing
38428	1729	353726	5357270	bn&gn fg/mg gwack/hornfels
38429	1731	353718	5357233	fg&mg hornfels gwacke, serp-pyrrh(0.5-1%)+/-q(2%)-sphal?(tr)
38430	1732	353717	5357231	bn hornfels fg gwacke, serp-pyrrh/py-vnd(0.5%)
38431	1733	353711	5357215	grey/gn chert/relict bn slst?&minor mg/cg gwacke, fol parallel calc-sil(m?), serp-vnd(m)-pyrrh(1-4%)-py(1-4%), minor q in vn's, sulphide locally 20%
38432	1734	353700	5357197	gn fg hornfels, minor feldspathic grains, py(0.5% locally)-vnd, perv&vnd serp(w)

West Avebury Rock Chip Sample Descriptions

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38433	1735	353695	5357187	dgn/bn chert/slst, dss&fol-parallel py(tr-0.5%), serp-vnd(w)
38434	1737	353620	5357060	dgrey mg q-feld gwacke hornfels& granule-lithic gwacke
38435	1738	353613	5357040	bn mg hornfels gwacke, locally q-granule greywacke sst& bn slst
38436	1739	353618	5357030	bn mg gwacke, sparse q-granules, fol(m), local q-py(2%), cpy(tr), pyrrh/pent(tr), also thin bdd fg&mg gwacke
38437	1741	353630	5357008	interbdd bn fg gwacke & lht bn q-rich mg/cg gwacke, dss py(0.5%), q-vnd(w), fol?(w)
38438	1742	353635	5356995	bn fg/mg hornfels gwacke, py/pyrrh(tr)
38439	1742.1	353640	5356985	8m wide pebble-cobble congl, clasts of lht bn siliceous chert/slst, crm chert, qtzite & fg gwacke sst, matrix gn q-rich feldspathic gwacke sst, serp(m)-sil(w)-vnd+/-py(tr-0.5%), cpy?(tr)
38440	1742.2	353645	5356970	3m+ wide granule-pebble congl, serp-vnd(m/s)-pyrrh(1%) interbdd with thin bdd slst&fg gwacke
38441	1743	353655	5356960	bn&gn thin bdd hornfels fg gwacke, perv serp(w), pyrrh-vnd(0.5%)
38442	1744	353525	5356930	gn perv sil-serp-(m/s), relict congl?, pyrrh(1-6%)
38443	1745	353425	5356945	local relict zones/clasts? crm slst in serp-sil(m/s)-pyrrh(1-4%, dss)
38444	1746	353465	5356952	pebble congl, float
38445	1747	353280	5357030	dbn mg gwacke/hornfels, sparse serp-vnd, float
38451	1748	353158	5357301	mixed float of crm sil(s)-dss bk(mag?) flecks(tr), gn sil-serp(m/s), grey slst/chert-perv-sil(w/m)
38452	1748.1	353158	5357301	bn wed FeO(m/s), hm-vnd&semi-msv(m/s)
38453	1749	353150	5357195	float of perv-sil(m/s)-py(2%)-pyrrh(tr-0.5%), gn perv serp-sil(m/s) after gwacke? and breccia?(fault?) with sil-serp(m/s) matrix, serp-pyrrh(<0.5%)-vnd(w/m) & silicic clasts.
38454	1750	353165	5357215	float gn/dgn sil-serp(s)-pyrrh(1-3%)-py(tr-0.5%), serp patches (w)
38455	1751	353144	5357203	dgn sil-serp(m/s)-sulphide(tr), relict mg gwacke?
38456	1752	353116	5357143	float of dgn sil-serp(m/s) hornfels, crm/grey sil(m/s)-mag?(tr), relict mg lithic-gwacke?
38457	1753	353105	5357085	bn hornfels slst, serp-sil-vnd(w)
38458	1754	353090	5357061	bn mg hornfels mg gwacke, serp-py-vnd(tr)
38459	1755	353045	5357000	float crm&gn perv serp-sil in relict mg gwacke & crm slst(calc-sil(w/m))
38460	1755.1	353045	5357000	float grey hornfels slst, wispy crm altn, fractured, semi-perv serp-py(2-5%)-vnd(m)
38461	1756	352980	5356910	dgrey hornfels mg gwacke, fine dgn serp-vnlts on fol(w)
38462	1757	353033	5356752	gn &bn hornfels slst, serp-py-vnd(w/m, local)
38463	1758	353040	5356733	dgrey serp&sil-serp(m) hornfels gwacke?
38464	1759	353046	5356720	scattered scree float grey perv sil(m/s)-py(~15%, vfg dss) among sil-serp altered float
38465	1760	353042	5356705	sil-serp altered float
38466	1761	353042	5356700	mg gwacke, vnd&semi-perv serp(w)
38467	1761.1	353042	5356695	gossanous wed FeO(s)
38468	1761.2	353047	5356685	grey mg/cg silicic (gwacke?) sst, local sil(w), minor q-granule-lithic hornfels sst
38469	1762	353047	5356707	bn hornfels fg gwacke/slst, py(tr-0.5%, dss)
38470	1764	353035	5356635	msv bn fg gwacke, serp-vnd(w)

West Avebury Rock Chip Sample Descriptions

842013

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38471	1766	352957	5356625	bn hornfels& dgrey slst/sh
38472	1767	353120	5356580	dgrey slst& bn fg gwacke, serp-vnd(w/m), py(<2%), AMD-like stain from E creek bank
38473	1768	353125	5356595	bn hornfels fg gwacke
38474	1769	353126	5356607	bn fg gwacke/hornfels & thin bdd slstdss pyrrh(0.5-2%), py(tr-0.5%), serp-vnd(w)
38475	1770	353125	5356620	bn thin bdd hornfels slst, vfg dss pyrrh(4-10%), serp-vnd(w)-py(0.5%)
38476	1771	353120	5356638	bn hornfels slst/fg gwacke, py(tr)
38477	1772	353115	5356675	msv bn fg hornfels
38478	1773	353110	5356685	thin bdd fg gwacke & slst
38479	1774	353095	5356696	gn/grey fg gwacke, serp-sil(w/m), py(tr-0.5%)
38480	1775	353103	5356718	crm slst & gn serp-sil(m) cg? gwacke, py&pyrrh(1-5%local)
38481	1776	353098	5356735	dgrey hornfels slst & gn/bn fg/mg gwacke, zones serp-sil(s)-py(3%) start section, elsewhere perv-serp(w/m) local,
38482	1777	353061	5356815	bn slst & serp-sil(locally m/s)altered gwacke, py(1%)
38483	1778	354426	5357411	dgrey fg/mg gwacke, sparse white clay vn's
38484	1779	354349	5357459	dgn mg gwacke & slst, perv-serp(w/m) & vnd(w)
38485	1780	353917	5357422	dgrey hornfels mg(locally cg) gwacke & slst, semi-perv serp(w), dss vfg py(0.5-2%)
38486	1780.1	353917	5357422	milky buck quartz
38487	1781	353831	5357437	dgrey slst & hornfels, perv-sil(w), py-sil-pyrrh-vnd(w/m), py-pyrrh(2-4%, often blebby)
38488	1782	353810	5357444	dgrey slst & hornfels, perv-sil(w), py-sil-pyrrh-vnd(w/m), py-pyrrh(2-4%, often blebby)
38489	1783	353756	5357437	dgrey fg/mg hornfels gwacke & slst, py(tr), serp?-vnd(w)
38490	1784	353677	5357426	dgrey mg gwacke& interbdd slst, q-vnd(tr)
38491	1785	353641	5357540	lithic mg gwacke, with lensoidal dgrey chert, crm siliceous slst/qtzite and dgn serp-sil(m/s)-py(1%) clasts, pyrrh(0.5-5%)-serp-vnd
38492	1786	353615	5357452	sil-serp altered gwacke with thin bdd slst
38493	1786.1	353615	5357452	breccia-like lithic? gwacke with lithics of serp(s)-sil(w)-py(5-15%)
38494	1788	353609	5357498	gn&crm serp-sil(m/s), py&pyrrh(locally 1%) in thin bdd crm slst& fg gwacke
38495	1789	353614	5357517	sil-serp(m) hornfels after thin bdd seds, py(tr-2%)
38496	1790	353614	5357540	dgn cg msv serpentinite/ultramafic?, py(tr-0.5%), q-py-vnd(tr)
38497	1791	353599	5357570	float fragments of lht gn sil-serp(s) relict slst, grey chert & serp(m/s)-pyrrh(tr-0.5%)
38498	1792	353679	5357545	dgn perv-serp(m/s) mg hornfels gwacke/Um?, zones sil-serp(m/s)
38499	1793	353697	5357630	grey semi-perv sil-serp(w/m) in fg & mg gwacke(q bearing), semi-perv sil-pyrrh(w, local)
38500	1794	353737	5357624	thin bdd slst& fg gwacke, perv-serp(m), dss& replacement vnd pyrrh(0.5%+)
38551	1795	353745	5357625	dgn perv-serp(m/s) over relict mg gwacke, pyrrh&py(0.5%, locally 5%)
38552	1797	353802	5357600	thin bdd slst& fg gwacke, py&pyrrh(2%+)
38553	1798	353848	5357581	dgn mg hornfels gwacke, serp(m, locally)

West Avebury Rock Chip Sample Descriptions

842014

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38554	1799	352095	5355624	lht bn mg q-sst, lht bn wispy altn, semi-perv sil(w/m)+/-mag?
38555	1800	352402	5355773	pebble congl, clasts well rounded mostly q-sst, with minor grey indurated slst/chert. silicified granule-bearing matrix, patches perv sil(m)-mag?(w) & sparse serp(w)
38556	1801	352415	5355786	zone crm wispy/fol aligned calc-sil(m/s) altn/skarn, dss gal(tr-0.5%), patches gn perv serp(m, W overall)-pyrrh?(tr)
38557	1802	352420	5355850	bn locally thin bdd hornfels gwacke slst & zones dgrey chert/sh, vn's & patches sil-serp(w/m)-pyrrh(to 5%)
38558	1803	352433	5355879	openly folded thin bdd slst&fg gwacke/hornfels, pyrrh(0.5%), sil-serp(w)
38559	1804	352450	5355915	thin bdd bn hornfels fg gwacke/slst, sil-serp(w)
38560	1805	352475	5355936	thin bdd bn hornfels fg gwacke&slst, perv sil-serp(w/m), py(1-3%, dss)
38561	1807	352625	5356017	bn hornfels, py(2%), pyrrh(tr), sil-serp-vnd(w)
38562	1808	352766	5356098	bn hornfels fg gwacke & slst, sil-serp(w), py(<1%, locally 3-4%, thin bdd)
38563	1809	352860	5356155	bn hornfels, py(tr-0.5%), sil-serp(vw), bornite?(tr)
38565	1811	353165	5356225	crm siliceous fg/mg q-granule sst, sil-serp(w/m)
38564	1813	353183	5356231	bn/dgrey slst, zones crm calc-sil(w), pgn sil-serp(w/m)
38566	1814	352448	5355785	schist with FeO(m), crm calc-sil zones (w/m), sil-serp(m), gal/hm?
38567	1815	352468	5355789	float foliated calc-sil(m/s), serp-py-vnd(0.5-5% local), FeOx (w/m) surface
38568	1816	352595	5355863	relict hornfels/gwacke, sil-serp(m)-py(0.5%), serp-vn's(w/m)+/-py
38569	1817	352645	5355870	bn hornfels slst & silicified mg gwacke, serp-vnd(w/m)
38570	1818	352697	5355885	granule-pebble congl, silicic clasts incl. q-sst. matrix sil(m) local
38571	1820	352808	5355865	sil(m) relict q-sst/siliceous congl?, mag? dss(tr)
38572	1821	352824	5355907	relict granule breccia/congl? texture, perv crm/grey sil(m/s)-bk dss grains & replacement (0.5%, mag?)
38573	1822	352819	5355932	relict granule-pebble congl, sil(m/s)-bk replacement & vnd mag?(1%)
38574	1824	352958	5356004	bn FeOx(m) with vuggy sil-vnd(w) over sil(w/m)
38575	1828	353190	5355965	crm&gn msv limetone, py(tr, dss), carb-vnd(w)
38576	1829	353295	5355755	grey/pgn limestone, covered by strong ora stain
38577	1830	353301	5355694	grey limestone, dss py/pyrrh(tr-1% local, mag(w?)), carb-vnd(w)
38578	1831	353284	5355667	strong ora precipitate from spring rising through alluvium of Silurian derivation
38579	1832	352955	5355695	float q-sst, perv-sil(w/m) & granule-pebble congl, dss mag?(tr), wed FeO&vnd(w)
38580	1835	353195	5357345	bk msv mag(s) as float boulder
38581	1835.1	353195	5357345	float boulders crm calc-sil(m), sil-serp-py(tr)
38582	1836	353203	5357320	relict chert&fg hornfels, sil(m), serp(m, locally msv), pyrrh(tr-10% locally), py?(tr), relict thin bdd?
38583	1837	353212	5357312	bdd dbn hornfels fg gwacke with minor slst&mg/cg gwacke, serp-pyrrh(0.5-2% local)-vnd(tr/w), sil-serp-vnd/semi-perv(w)
38584	1838	353229	5357293	fg hornfels, serp-vnd(w), pyrrh(tr-0.5%)
38585	1838.1	353237	5357290	perv-serp(m/s), py-pyrrh?(tr-2%local) in relict mg feld-richgwacke & relict fg hornfels gwacke

West Avebury Rock Chip Sample Descriptions

842015

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38586	1839	353253	5357280	mostly fg cherty slst, vfg dss pyrrh(1%)
38587	1840	353283	5357261	med bdd mg gwacke, serp-vnd(w)
38588	1841	353297	5357251	fg hornfels/slst & minor mg gwacke, pyrrh-vnd(locally to 2%)
38589	1842	353326	5357224	msv semi-perv&vnd serp(m/s), pyrrh(4-15%), crm calc-sil-like zones finger into relict fg gwacke with fol(m, aligned and flattenedfeld grains/xtals)
38590	1843	353350	5357205	merge to mg gwacke/hornfels, then lht bn/grey chert/hornfels slst, end in distinctive dgrey flinty sh
38591	1844	353380	5357160	bn hornfels mg gwacke, pyrrh(tr)
38592	1845.5	353440	5357125	grey chert & bn mg hornfels, serp-vnd(w)
38593	1846	353460	5357115	grey& bn chert, pyrrh-py+/-serp-vnd(1%)
38594	1848	353580	5357060	fg&mg gwacke/hornfels
38595	1850	353535	5357240	dgn perv-serp(m)-sil(m) after mg bn hornfels, py(tr)
38596	1851	353405	5357390	dgrey&bn hornfels slst&fg gwacke, serp-vnd(w), pyrrh(tr)
38597	1853	353425	5357305	sparse float bn mg gwacke/hornfels, gn semi-perv serp(w/m), pyrrh&py(1%)
38598	1854	353455	5357286	strongly jointed dgrey fg hornfels & slst, serp?-vnd(w/m)
38599	1855	353460	5357275	bn hornfels, serp-vnd(w/m), py&pyrrh(3%) among less altered float
38600	1856	353660	5356955	bdd chert/slst with strong hydrobreccia comprising msv serp with pyrrh-py(6-10% over 3m. 2m downstream is lithic wacke with angular chert and subrounded fg gwacke clasts to 2cm, mostly to 5mm.
30851	1857	353680	5356915	dgrey hornfels slst/sh, fg dss py(0.5-2%), locally thin bdd
30852	1858	353700	5356880	dgrey pyritic slst/hornfels, minor interbdd fg gwacke
30853	1859	353701	5356975	zone of serp-vnd(w/m)-py-pyrrh(to 5% locally) with patches dgrey slst/sh and minor bn fg hornfels, fol(m) and mod tight synclinal fold closure
30854	1859.1	353701	5356975	locally sil-serp-vnd(w/m), py&pyrrh(to 10%) in lam bn slst
30855	1860	353704	5356965	bn fg hornfels gwacke, dss py(to 1%)
30856	1861	353705	5356955	foliated, small scale folded(2cm) and faulted (sinistral offset q-slickensides) in bn fg hornfels with sil(s) -serp(w)-pyrrh&py(to 6%) overprint. minor blebs msv serp with py&pyrrh to 30% locally. Sil aligned to fol.
30857	1862	353703	5356940	thin bdd bn fg hornfels gwacke & slst, folded, zones chaotic bdd, local ferruginous sil-serp altered fol zone, perv-sil-serp(m)-pyrrh locally
30858	1863	353695	5356815	grey locally thin bdd slst, fol(w/m), little altered, (Silurian)
30859	1864	353675	5356805	grey slst, fol(w), wed slst nearby and alluvial workings?
30860	1866	353601	5356725	lht gn/crm perv sil(m/s)-serp(m) altered mg q-sst?, minor relict feld & q grains, nearby grey siliceous slst, faulted against siliceous fg sst. Note:- minor float milky vn q and drusy q on creek bank
30861	1871	353430	5356600	sparse float mg q-sst
30862	1872	353471	5356655	lht gn sil-serp(w/m) siliceous sst
30863	1873	353371	5356795	grey&tan siliceous slst/fg sst as float with minor float lht bn hornfels, serp-vnd(w/m)
30864	1874	353290	5356865	float of gossanous FeO(m) with rd/bn sil(m)& semiperv hm(m) among common float of grey siliceous

West Avebury Rock Chip Sample Descriptions

842016

Sample No.	Field No.	East (AMG)	North (AMG)	Description
				slst/sst & crm /lht bn wed fg siliceous sst
30865	1875	353240	5356870	float bn hornfels slst& fg gwacke
30866	1968	353176	5356812	float dgrey fg gwacke/hornfels
30867	1970	353156	5356749	wed crm&grey siliceous slst, sil-vnd(w), serp-vnd(w)
30868	1971	353170	5356725	float, grey siliceous slst, serp-vnd(tr)
30869	1972	353152	5356745	float, gn serp-vnd(m) siliceous rock, FeO(m) after sulphide? In serp vn's
30870	1974	353155	5356610	mostly dgrey hornfels thin bdd slst & fg gwacke, dss pyrrh(tr-1%, local), fol(w)
30871	1975	353195	5356625	dgrey hornfels slst & vfg gwacke, dss pyrrh on fol(0.5-3%, local)
30872	1976	353215	5356645	float, grey indurated siliceous sst (Silurian?) (and pyritic dgrey Cambrian slst)
30873	1977	353180	5356595	grey siliceous slst/schist, indurated, sil-FeO-vnd(w)
30874	1979	353245	5356505	float, grey & pgn mg q-sst, FeO-vnd(w), fol(w, local)
30875	1982	353090	5356385	mostly bn hornfels fg gwacke& slst, local bn sil-vnd(w/m) with cg py & axinite blades?, gn sil-serp-vnd(w/m) locally, sph?(tr)
30876	1983	353086	5356420	msv bn hornfels slst, py-vnd(tr)
30877	1984	353095	5356460	dgrey/bn thinbdd slst & fg gwacke/hornfels, py-sil-vnd(w), py(0.5 to locally 5%, often on fol)
30878	1985	352985	5356670	lht gn sil-serp(m/s), Ultramafic?, semi-perv py-vnd&replacement to 20% locally(2%+ elsewhere)
30879	1985.1	352985	5356670	float boulder, bk msv mag, FeO(m)
30880	1986	353959	5356674	bk msv mag with semi-msv coarse py aggregates(15-40%), relict cg serp local, after ultramafic or replacing congl?
30881	1987	352930	5356675	lht gn bn hornfels slst, sil(m)-serp(w)-py(1-3%)
30882	1988	352360	5356815	float, mg q-sst/qtzite (Precambrian), somewhat deformed, also silicified bk&crm bndd slst
30883	1990	352578	5357359	float from shaft (5m+) in granite, q-tour-py(<1%) greissen, FeO(w/m)
30884	1992	353196	5357396	lht gn&gn perv&vnd sil-serp(m/s)-dss pyrrh(0.5-6%, ave 2%)-py(<0.5%), locally serp-vnd(w/m) & weakly gossanous, o/c ends in fg hornfels gwacke with pyrrh(0.5%)
30885	1993	353220	5357405	wed tan mg&fg gwacke, little altered, at start extensive alluvial by pass trench
30886	1993.1	353230	5357415	fg hornfels gwacke/slst & mg gwacke, local zones serp-sil(w/m)& wed crm clac-sil?(w)
30887	1994	353251	5357464	float boulders trench bank of gn perv/vnd serp(m)-pyrrh(10%), cpy(tr) with zones lht gn sil-serp(m/s)-pyrrh(2%), local crm semi-perv/vnd wispy calc-sil(w)
30888	1994.1	353251	5357469	bn fg&mg hornfels gwacke, serp-pyrrh(0.5%)-vnd(w)
30889	1995	353231	5357582	dgrey fg hornfels gwacke, semi-perv mag(w/m)-pyrrh(2%)
30890	1998	353292	5357698	float boulder dgrey/bk mg hornfels gwacke, pyrrh(5%)
30891	1999	353348	5357708	dgrey/bk fg/mg hornfels gwacke, pyrrh?(3%), q-vnd(tr)
30892	1999.1	353348	5357708	semi-perv serp(m), sil-serp-vnd(w), boxwork serp-vnd(w/m)
30893	2000	353368	5357690	boulder subcrop, lht gn fol(m), sil-serp(s, /calc-sil?), overprints relict dgrey/gn serp(m), dss py(tr), local milky/translucentbt q-vnd after fg gwacke?

West Avebury Rock Chip Sample Descriptions

842017

Sample No.	Field No.	East (AMG)	North (AMG)	Description
30894	2001	353370	5357640	float mg gwacke/hornfels, semi-perv-serp-vnd(w)
30895	2002	353406	5357715	boulder subcrop/float, frags of lht gn sil-serp(m/s), local relict q-bearing gwacke, bn mg gwacke-pyrrh(tr) & dgn perv serp(m) gwacke?
30896	2003	353423	5357736	lht gn sil-serp(s), bk mag?(tr, dss)
30897	2004	353420	5357748	grey/pgn sil(s)-pyrrh(5%, local blebs to 20%) after thin bdd slst& fg gwacke, FeO(w), fol/bnnd exterior
30898	2005	353404	5357770	dgn serp-sil(m/s)-pyrrh?(0.5%), pk sulphide(tr?), sil replaced mg/cg texture, relict Um/gabbro?
30899	2005.1	353404	5357770	subcrop, frags of relict dgrey fg hornfels with sil-serp(w)& dss & replacement py&pyrrh(tr-0.5%), and dgn serp-sil(m/s)-pyrrh?(0.5%)
30900	2006	353374	5357827	lht gn sil-serp(s)-pyrrh(tr), diffuse bn sil/axinite? in contact with crm/pk hornfels (leached gwacke slst/sh?)
31431	2007	353346	5357842	mg /cg sil-serp texture with dss pyrrh&py(<0.5%), dbn ax?/sil altn
31432	2014	353045	5357507	dgn relict fg? Hornfels, perv-serp-sil(m), semi-perv fg mag(w/m), pyrrh/py(0.5 to locally 2%, dss)
31433	2015	353055	5357498	scattered float, frags of relict thin bdd fg&mg gwacke, lht gn sil-serp(m/s), gn serp-sil(m/s), dss py(tr to 5% local)
31434	2016	353044	5357502	pgn perv sil+/-serp(s), serp-sil-vnlts(w)-pyrrh(tr to locally 2%), semi-perv serp(w) local
31435	2017	354112	5357666	gn perv semi-translucent grey sil(m/s) with semi-perv gn serp-sil-vn's(m), vfg pyrrh?(tr)
31436	1878	354031	5357740	msv fg to locally mg serp(m/s), relict fg gwacke/Um?, local crm calc-sil(w/m)-py&pyrrh(0.5%) after def'm sed?
31437	1878.1	354031	5357740	grab sample bn FeO(w) chert with pyrrh(2%)-vnl't's(w/m)
31438	1879	354054	5357717	gn fg/msv perv-serp(m/s), dss pyrrh?
31439	1880	354003	5357786	float boulders dgn fg mafic lava?(pale lentic' xtals in gndmass), perv serp(m/s), local perv crm sil/calc-sil
31440	1880.1	354003	5357786	frags at tree base of lht bn/tan wed fg siliceous sst&slst, FeO(w)
31441	1881	353998	5357805	dgn/bk msv vfg mafic/ultramafic lava?, local semi-perv sil-serp blebs & vn's(w), dss mag?(tr), local FeO(w/m) stain
31442	1882	354006	5357864	perv sil-tour(m/s)-py(5%) with perv cg serp(act?)-tour zones
31443	1882.1	354000	5357867	zone of dgn fg msv serp, local crm calc-sil(w/m)/sil-serp, pyrrh&py(1-4%), after fg gwacke/slst?
31444	1883	354022	5357961	mg gabbro/mafic gabbro-like texture, dss pyrrh&py(to 10%), red/bn zones to 30% local(axininte?), locally msv serp
31445	1884	353995	5357983	pgn sil-serp(m/s)+/-tour(tr), vnd&dss pyrrh(5%), serp-vnd parallel to lam in fg sed?
31446	1885	353970	5357983	gn perv serp(m), zones crm calc-sil(w), dss pyrrh(tr-2%, local), relict slst&mg gwacke
31447	1887	353715	5357920	gn&crm mg gabbro-texture, serp(m), sil?(m), local crm calc-sil(w), dss py/pyrrh(tr)
31448	1888	353645	5357945	mg/cg gabbro, fresh and little altered, serpentinised mafics ~50%
31449	1889	353552	5357924	gn hornfels, serp(m)
38330	1893	353531	5357563	sparse float, gn&crm mg/cg gabbro, serp(m), dss pyrrh(tr-0.5%)
38331	1893.55	353361	5357543	sparse float, gn/bn hornfels mg gwacke? perv serp(m)
38332	1895	353357	5357426	float, gn&crm fg/mg gabbro, bn mg hornfels gwacke with serp(m), sil-mag(w), locally serp(m/s)-sulphide(tr) and minor crm/lht bn serp-vnd(w) chert

West Avebury Rock Chip Sample Descriptions

842018

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38333	1896	353314	5357400	float, dgn&dgrey mg feldspathic gwacke?(minor gabbro-like texture) & bn chert/slst
38334	1897	353311	5357389	borrow pit, bn/dgrey mg gwacke, locally weakly cg/lithic gwacke with angular sil/chert clasts
38335	1898	353160	5357350	bn hornfels/relict mg gwacke& interbdd slst?, semi-perv&vn's sil(w/m), minor zones pgn sil-serp(m/s)-pyrrh(0.5%)
38336	1900	353205	5357365	grab sample gn sil-serp(m), pyrrh(3%), py(3%)
38337	1900.1	353205	5357365	grab sample grey/pgn sil(m/s)-pyrrh(5-10%), py(1%), pk sil-axinite zones, fg tour(tr) after slst/fg gwacke?
38338	1900.2	353225	5357375	subcrop and float, frags gn sil-serp(m)-sulphide(>0.5%), grey sil-pyrrh and bn chert/slst, serp-py(0.5%)-vnd(1%)
38339	1901	353118	5357347	boulder, dgn fg perv serp(m/s), dss&vnd pyrrh&py(3-4%), in relict chert&gwacke/Um?
38340	1902	353017	5357241	float, pgn sil(m/s)-replacement py(20-30%, locally euhedral), serp-vnd(w/m)
38341	1902.1	353017	5357241	float, frags of gn relict fg gwacke/mafic? perv serp-sil(m/s)-dss py(4%)-pyrrh(tr) with sil-serp-py-vnd(w), and relict chert & fg.mg gwacke with py-vnd& replacement(0.5-2%, locally 10%)
38342	1903	352984	5357265	dgn mg mafic gabbro/Um?, feld xtals 20%(locally 40%), dss py often in serp-rich blebs(tr-0.5%)
38343	1904	352940	5357258	dgn/bn&crm gabbro-like texture, irregular feld? zones/xtals (possibly altered lithic gwacke?)
38344	1905	352883	5357235	lht gn perv sil-serp(m) with vfg pyrrh(3%)-py(2%), locally relict bn chert&serp altered fg gwacke
38345	1906	352867	5357229	mg gwacke/hornfels & bn chert, perv-serp(m), pgn q-vnd(w), sparse msv cg serp vein float
38346	1907	352763	5357284	Shaft >5m deep, dump rock crm& pgn siliceous friable fg sst, minor chromite & ovoid holes(crinoid fossils?) (Silurian or Tertiary greybilly?)
38347	1908	352732	5357273	float, crm mg q-sst, perv-sil(m)-tour(w/m) (also minor granite rubble)
38348	1909	352710	5357314	float, sil(m/s)-gn tour(m) greissen
38349	1911	352753	5357234	trench dump, bn fg/mg gwacke hornfels(m), perv-serp(w/m)
38350	1913	352694	5357097	float, bn fg hornfels gwacke, semi-perv serp-flecks(w/m), py-vnd&dss(tr)
38505	1914	352632	5357049	gn sil(m)-serp(m)-vfg dss pyrrh(20%)
38504	1915	352625	5357052	float boulders dgn msv serp(s)-py(5%) Um?, minor semi-perv/vnd sil-serp(w/m), local crm calc-sil-vnd(w)
38506	1916	352613	5357043	msv dgn perv-serp(m/s), dss py(tr) after Um/fg gwacke? and sparse bn chert with pyrrh-vn's
38507	1917	352589	5356922	float relict fg gwacke?, mag-vnd(w/m) and dgn serp(m/s)-py(1%)
38508	1918	352430	5357080	crm&bk/bn FeO(w), crm sil/q-vnd/perv(m/s)-py(2% locally) with sparse drusy q lined vugs, xcut by fg/ locally euhedral tour(m)
38509	1920	352405	5357059	float pgn sil-serp(m/s)-dss fg pyrrh(1-4%), serp-vnd(w), calc-sil?-pyrrh(w)
38510	1921	352370	5357037	float of fg/mg relict gwacke/hornfels and dgn semi-perv serp(m to m/s)-dss py(0.5%) and minor float sil(+/-tour)-serp-vn's
38511	1921	352370	5357037	bn sil-tour-vnd(m/s) with FeO(m) stain & relict patches dgn/bk fg gwacke?
38512	1922	352357	5357022	subcrop boulders, dgn msv perv-serp(m/s), dss py(tr to locally 0.5%), semi-perv sil(w, local) relict fg/mg (locally mg/cg?) gwacke?

West Avebury Rock Chip Sample Descriptions

842019

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38513	1923	352340	5356945	bn sil-tour-vnd(m/s) with FeO(m) stain & relict patches dgn/bk fg gwacke?
38514	1923.1	352340	5356945	elluvium, frags of gn/dgn perv-serp(m-m/s), minor calc-sil enveloped by sil-serp and py/pyrrh(tr), in relict fg hornfels gwacke?
38515	1923.2	352340	5356945	grab sample dgn/bk serp(m/s), msv fg mafic texture/Um?
38516	1924	352348	5357020	elluvium, mostly dgn serp(m/s) after fg gwacke?, local msv serp, sil-serp(w/m), serp-vn overprint, local py&pyrrh?(tr-0.5%)-vn's
38517	1925	352385	5356810	float, grey&crm siliceous sst with zones crm sil & gn tour?(w/m)
38518	1927	352505	5356459	float, mod consolidated mg q-sst, dss bk mag/ilmenite?(2%), grey q-vnd(tr), Silurian?
38519	1928	352531	5356458	grey siliceous schist, fol(w/m) (Fault?)
38520	1929	352549	5356452	float, frags of gn&bn hornfels, sil(m) with serp-vnd(w), bn q-vnd with drusy-q & minor q-sst with grey q-vn's
38521	1931	352595	5356447	float, fg siliceous q-sst and grey/crm perv-sil(m/s), local hm(tr), sparse drusy q lined vugs
38522	1932	352623	5356419	relict bn fg gwacke/slst?, dgn perv-serp(m/s), sil(w)
38523	1933	352637	5356388	subcrop, msv crm, perv-sil(vs), fracture fill of dgn fg weakly fibrous xtals(m, serp/tour?), relict ultramafic?(1195ppm Cr)
38524	1934	352652	5356376	float, lam/thin bdd bn chert/slst & minor fg hornfels gwacke(common feld grains), vnd& replacement pyrrh(1%, local)-sil
38525	1935	352730	5356393	bn chert/slst, thin bdd?, minor med bdd gwacke, fol(w/m)
38526	1935.1	352720	5356393	bn chert & crm calc-sil(w/m) altered chert, py(0.5%, local)-vnlt
38527	1936	352711	5356400	Ultramafic, msv gn mg serp(s), sil-serp(w/m)-pyrrh(0.5%), dss py & cpy(<0.5%) in serp
38528	1937	352701	5356410	lht gn sil-serp(m/s) over serp(m)-dss pyrrh(1%), FeO&MnO concretion on outcrop, note msv gossan boulder downstream (not sampled)
38529	1938	352690	5356430	grey siliceous rock(relict ultramafic?), fol(w), wed serp patches, AMD stain in creek
38530	1939	352670	5356430	Workings, trench leading to 8m wide by 5m+ deep open cut/face; grey brittle siliceous rock, perv sil(m), q-vnd(w)
38531	1940	352685	5356465	scree, gn indurated hornfels gwacke?
38532	1941	352659	5356505	weakly friable wed gwacke/siliceous slst?, thin bdd, gn wed serp?
38533	1942	352591	5356615	grey silicic slst/schist?
38534	1942.1	352591	5356615	assorted float, bn hornfels slst & gwacke?, q-vnd(w)
38535	1943	352515	5356624	grey siliceous fg sst
38536	1949	352330	5356214	mostly grey silica-tour(m) altered siliceous fg sst
38537	1949.1	352330	5356205	buff siliceous schist, fol(m) wraps sil-tour zones locally
38538	1951	352346	5356079	bn hornfels fg gwacke & slst, thin bdd?
38539	1957	352599	5356383	mostly mg gwacke/hornfels, py(mostly tr, 5% local) & minor grey schist
38540	1958	353937	5357579	dbn&gn mg gwacke/hornfels, serp-vnd(w)-py(tr-0.5%)
38541	1959	353916	5357723	gn&crm wispy crm calc-sil(s) with dss fg pyrrh(5-10%), locally overprinting gn serp(m),

West Avebury Rock Chip Sample Descriptions

842020

Sample No.	Field No.	East (AMG)	North (AMG)	Description
				py(1%)-serp-vnd(w/m), after hornfels?
38542	1960	353908	5357740	grey & crm calc-sil(m/s)-pyrrh(20-30%) over lht gn sil-serp(m/s), serp-py(1%)-vnd(w/m), relict Ultramafic?
38543	1961	353880	5357791	pgn & crm mostly calc-sil(m/s)-pyrrh(10-20%, dss), serp-py(1%+)-vnd with minor relict mg/cg
				gwacke having perv serp(m) in matrix
38544	1962	353884	5357811	relict bn slst & fg gwacke, thin bdd, crm calc-sil(m)-pyrrh(5%), vertical plunge micro-fold
38545	1963	353847	5357812	gn relict bn fg gwacke/hornfels & slst?, local semi-perv serp-vnd(m)-py(1%)
38546	1964	353787	5357816	float, frags of grey calc-sil(m/s)-pyrrh(10%) with zones dgn/bk msv serp(s), gn sil-serp(m/s)-cg
				py blebs(10%)(relict mafic?) and thin bdd pgn silicified hornfels slst
38547	1965	353813	5357842	dgn msv perv-serp(s) after ultramafic?
38548	1966	353849	5357866	sil-serp(m)-py(1%), pyrrh(5% local) after fg hornfels slst?
38549	1967	353893	5357845	float, dgn fg msv serp(s), py&pyrrh(0.5%) dss & local blebs, Um?
38550	1967.1	353893	5357845	float, gn/dgn sil-serp(m/s)-pyrrh(2-8%)

Appendix 2 Rock Chip Analysis - West Avebury

West Avebury Rock Chip Analysis

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38401	1700	354244	5357455	Etfg/Etsl	comp	outcrop	109	55	-3	79	167	-50
38402	1701	354204	5357452	Etmg	grab	float	47	98	59	128	51	-50
38403	1702	354179	5357445	Etmg&Etsl	comp	subcrop	82	25	3	51	156	-50
38404	1703	354158	5357449	Etmg/cg?	comp	float	44	26	7	29	80	-50
38405	1704	354102	5357442	tour-mag skarn & breccia	comp	outcrop	76	57	60	2830	57	130
38406	1704.1	354102	5357442	sms mag	grab	outcrop	46	24	13	2140	29	65
38407	1704.2	354112	5357442	tour-mag skarn & breccia	comp	subcrop	59	49	199	526	93	105
38408	1705	353988	5357435	Etsl & mg	comp	float	84	49	-3	41	136	-50
38409	1706	353954	5357432	calc-sil skarn	comp	float	156	253	427	904	76	55
38410	1706.1	353954	5357432	Etfg	grab/comp	float	69	14	3	140	84	-50
38411	1707	353960	5357370	Etmg	comp	subcrop/float	84	48	4	53	158	-50
38412	1708	353982	5357315	Etsl	grab	float	35	28	9	38	66	-50
38413	1709	353952	5357276	Etu	grab	float	85	291	-3	51	85	-50
38414	1710	353950	5357215	Etfg/mg	comp	subcrop	129	54	-3	69	247	-50
38415	1711	353997	5357163	Etlg	comp	subcrop	68	20	6	16	76	95
38416	1711.5	354002	5357158	serp Etu	grab	float	26	55	7	8	65	700
38417	1712	354059	5357152	mag	grab	float	9	36	95	64	175	155
38418	1713	354038	5357147	Etc	comp	subcrop	28	7	30	37	66	-50
38419	1715	353925	5356956	Sa?	comp	float/subcrop	280	62	58	71	224	-50
38420	1719	353821	5356805	Sc	comp	subcrop	25	9	19	25	11	-50
38421	1720	353859	5356916	Sa?	comp	float	116	118	83	82	118	-50
38422	1721	353875	5356965	serp	grab	float	38	48	13	78	879	1070
38423	1722	353875	5356980	Etsl	grab	outcrop	42	14	58	72	70	-50
38424	1723	353880	5357005	Etsl & Etfg	comp	outcrop	64	69	17	122	58	-50
38425	1724	353880	5357035	Etmg/cg	comp	outcrop	48	20	9	39	94	-50
38426	1726	353735	5357379	Etfg	comp	outcrop	63	27	-3	66	155	-50
38427	1727	353731	5357300	Etfg & mg/cg	comp	outcrop	31	29	3	71	45	-50
38428	1729	353726	5357270	Etfg/mg	comp	outcrop	56	37	9	172	154	-50
38429	1731	353718	5357233	Etfg/mg	grab	outcrop	56	38	4	250	170	-50
38430	1732	353717	5357231	Etfg	comp	outcrop	66	70	-3	89	152	-50
38431	1733	353711	5357215	Etsl & mg/cg?	comp	outcrop	74	203	12	76	67	-50
38432	1734	353700	5357197	Etsl	comp	outcrop	106	55	13	221	90	-50
38433	1735	353695	5357187	Etsl	comp	outcrop	227	177	9	163	196	-50
38434	1737	353620	5357060	Etmg & Etlg?	comp	outcrop	118	46	5	124	144	-50
38435	1738	353613	5357040	Etlg	comp	outcrop	58	44	4	95	54	-50

West Avebury Rock Chip Analysis

842023

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38436	1739	353618	5357030	Etmg	comp	outcrop	61	61	17	207	42	-50
38437	1741	353630	5357008	Etfg/cg	comp	outcrop	48	59	8	116	55	-50
38438	1742	353635	5356995	Etfg/mg	comp	outcrop	49	32	8	70	64	-50
38439	1742.1	353640	5356985	Etc	comp	outcrop	89	41	8	46	151	-50
38440	1742.2	353645	5356970	Etc	comp	outcrop	89	89	7	32	96	-50
38441	1743	353655	5356960	Etsl/fg	comp	outcrop	88	34	13	86	158	-50
38442	1744	353525	5356930	Etc?	comp	subcrop	130	119	16	84	35	-50
38443	1745	353425	5356945	Etu/c?	comp	float	52	223	15	23	45	-50
38444	1746	353465	5356952	Etc	comp	float	186	87	11	16	71	-50
38445	1747	353280	5357030	Etmg	comp	float	44	55	4	35	49	-50
38451	1748	353158	5357301	Etu/sl	comp	float	44	19	18	14	65	-50
38452	1748.1	353158	5357301	FeO/mag?	grab	float	10	255	-3	247	48	-50
38453	1749	353150	5357195	Etu/sil-serp	comp	float	49	28	5	25	45	130
38454	1750	353165	5357215	Etu/sil-serp	grab	float	100	227	11	29	69	-50
38455	1751	353144	5357203	Etu/serp-sil	grab	subcrop	50	7	-3	10	57	-50
38456	1752	353116	5357143	Etu/Etc?/sil-serp	comp	float	33	18	10	14	49	60
38457	1753	353105	5357085	Etsl	comp	float	75	16	-3	47	151	-50
38458	1754	353090	5357061	Etmg	comp	float	57	18	-3	134	156	-50
38459	1755	353045	5357000	Etmg&sl/sil-serp	grab	float	75	87	24	38	26	-50
38460	1755.1	353045	5357000	Etsl/serp	grab	float	92	184	30	44	30	-50
38461	1756	352980	5356910	Etmg	comp	outcrop	97	37	4	63	118	-50
38462	1757	353033	5356752	Etsl&fg	comp	float/subcrop	76	67	-3	40	70	-50
38463	1758	353040	5356733	Etu/sil-serp	comp	float	108	68	6	74	125	-50
38464	1759	353046	5356720	sil-py	grab	float	119	77	117	118	51	-50
38465	1760	353042	5356705	Etu	comp	float	59	52	92	60	44	-50
38466	1761	353042	5356700	Etmg	grab/comp	outcrop	243	47	62	143	79	100
38467	1761.1	353042	5356695	mag?/Etc?	comp	outcrop	76	544	27	297	709	260
38468	1761.2	353047	5356685	Etlg	comp	outcrop	31	20	129	30	12	-50
38469	1762	353047	5356707	Etsl/fg	comp	outcrop	74	110	11	59	74	-50
38470	1764	353035	5356635	Etfg	comp	outcrop	68	94	11	169	88	-50
38471	1766	352957	5356625	Etsl	comp	float	72	31	-3	157	81	-50
38472	1767	353120	5356580	Etsl &fg	comp	outcrop	60	55	-3	110	72	-50
38473	1768	353125	5356595	Etfg&sl	comp	outcrop	57	21	-3	74	54	-50
38474	1769	353126	5356607	Etfg&sl	comp	outcrop	60	99	3	82	60	-50
38475	1770	353125	5356620	Etsl	grab	outcrop	77	108	15	92	51	-50

West Avebury Rock Chip Analysis

842024

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38476	1771	353120	5356638	Etsl&fg	grab	outcrop	76	78	10	98	55	-50
38477	1772	353115	5356675	Etfg	comp	outcrop	63	65	-3	57	105	-50
38478	1773	353110	5356685	Etfg&sl	comp	outcrop	65	66	-3	89	105	-50
38479	1774	353095	5356696	Etfg	comp	outcrop	68	57	34	96	35	-50
38480	1775	353103	5356718	Etsl&cg?	grab	outcrop	110	190	4	233	25	-50
38481	1776	353098	5356735	Etsl&mg	comp	outcrop	80	54	5	58	70	-50
38482	1777	353061	5356815	Etsl&mg	comp	outcrop	157	37	-3	50	143	75
38483	1778	354426	5357411	Etfg/mg	comp	outcrop	107	39	-3	39	161	-50
38484	1779	354349	5357459	Etmg&sl	comp	subcrop	67	21	-3	27	139	-50
38485	1780	353917	5357422	Etmg/cg&sl	comp	float	87	85	12	104	166	-50
38486	1780.1	353917	5357422	q-vn	grab	float	-3	19	13	-2	9	-50
38487	1781	353831	5357437	Etsl	grab	float	59	446	-3	74	99	-50
38488	1782	353810	5357444	Etsl	comp	float	83	29	-3	98	116	-50
38489	1783	353756	5357437	Etfg/mg&sl	comp	outcrop	42	9	-3	34	66	-50
38490	1784	353677	5357426	Etmg&fg/sl	comp	outcrop	69	26	5	39	147	-50
38491	1785	353641	5357540	Etlg	comp	float	45	100	3	29	46	-50
38492	1786	353615	5357452	Etfg&sl&Etlg?	comp	outcrop	84	340	3	26	102	-50
38493	1786.1	353615	5357452	Etlg?	grab	float	103	751	-3	8	9	-50
38494	1788	353609	5357498	Etfg&sl	comp	float	47	56	10	16	35	-50
38495	1789	353614	5357517	Etfg&sl	comp	outcrop	29	31	16	11	40	-50
38496	1790	353614	5357540	Esm?	comp	float	14	16	-3	33	51	-50
38497	1791	353599	5357570	Etsl	comp	float	31	41	6	14	44	-50
38498	1792	353679	5357545	Etmg/Um?	comp	float	16	11	-3	13	42	-50
38499	1793	353697	5357630	Etfg/mg (q grains, Etlg?)	comp	float/subcrop	70	95	17	21	43	-50
38500	1794	353737	5357624	bdd Etsl&fg, sil-serp(m)	grab	float	58	68	-3	22	26	-50
38551	1795	353745	5357625	Etmg, serp(m/s)	comp	subcrop	74	77	12	59	65	-50
38552	1797	353802	5357600	Etsl&fg	grab	outcrop	112	204	-3	40	59	-50
38553	1798	353848	5357581	Etmg	comp	subcrop	32	11	8	21	55	-50
38554	1799	352095	5355624	Sc	comp	outcrop	16	22	28	274	42	-50
38555	1800	352402	5355773	Sc	comp	outcrop	6	9	77	72	306	-50
38556	1801	352415	5355786	Schist/calc-sil(m/s)-gal?	comp	outcrop	33	15	826	529	41	-50
38557	1802	352420	5355850	Etsl/sh	comp	outcrop	96	81	354	303	295	-50
38558	1803	352433	5355879	Etsl&fg, bdd	comp	outcrop	154	62	111	165	281	-50
38559	1804	352450	5355915	Etfg&sl, bdd	grab	outcrop	149	23	59	100	468	-50
38560	1805	352475	5355936	Etfg&sl, bdd	comp	float	102	73	45	148	236	-50

West Avebury Rock Chip Analysis

842025

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38561	1807	352625	5356017	Etu	grab/comp	outcrop	147	65	168	148	292	-50
38562	1808	352766	5356098	Etf&sl	comp	outcrop	85	76	643	655	186	-50
38563	1809	352860	5356155	Etu	comp	outcrop	63	31	198	237	133	-50
38565	1811	353165	5356225	Sc/Scc	comp	outcrop	18	16	94	73	405	-50
38564	1813	353183	5356231	Etsl	comp	outcrop	71	62	361	206	127	-50
38566	1814	352448	5355785	schist	comp	outcrop	206	56	45	225	283	320
38567	1815	352468	5355789	schist/calc-sil	comp	float	51	54	58	91	65	-50
38568	1816	352595	5355863	Etu	comp	float	65	34	16	186	296	-50
38569	1817	352645	5355870	Etsl&mg, bdd	comp	subcrop	57	21	32	187	291	-50
38570	1818	352697	5355885	Scc	comp	float	22	54	33	89	34	-50
38571	1820	352808	5355865	Sc/Scc?	grab	float	4	11	11	82	515	-50
38572	1821	352824	5355907	Scc	comp	float	12	18	77	124	82	-50
38573	1822	352819	5355932	Scc	comp	o/s	6	9	18	475	1205	-50
38574	1824	352958	5356004	FeO(m)	grab	float	381	16	63	3160	44	120
38575	1828	353190	5355965	Og?	comp	outcrop	19	5	36	325	8	-50
38576	1829	353295	5355755	Og?	grab/comp	outcrop	143	10	87	4960	30	-50
38577	1830	353301	5355694	Og	comp	outcrop	8	4	43	323	6	-50
38578	1831	353284	5355667	ppt	grab	float	17	21	65	413	27	-50
38579	1832	352955	5355695	Scc	comp	float	-3	19	26	12	6	-50
38580	1835	353195	5357345	msv mag	grab	float	17	42	4	283	19	-50
38581	1835.1	353195	5357345	sil-serp(m/s)	comp	float	56	268	15	36	55	-50
38582	1836	353203	5357320	Etsl&fg, bdd	comp	outcrop	97	334	16	38	50	-50
38583	1837	353212	5357312	Etf&mg/cg	comp	outcrop	88	45	6	66	178	-50
38584	1838	353229	5357293	Etf&mg	comp	outcrop	65	8	7	65	184	-50
38585	1838.1	353237	5357290	Etf&mg	comp	outcrop	46	19	7	40	100	-50
38586	1839	353253	5357280	Etsl	comp	outcrop	64	10	5	53	135	-50
38587	1840	353283	5357261	Etmg	comp	outcrop	66	205	6	73	155	-50
38588	1841	353297	5357251	Etf&mg	comp	outcrop	94	79	4	68	164	-50
38589	1842	353326	5357224	Serp(m/s)	comp	outcrop	80	143	11	28	20	-50
38590	1843	353350	5357205	Etsl&sh	comp	outcrop	74	70	5	87	145	-50
38591	1844	353380	5357160	Etmg	comp	outcrop	77	69	7	149	227	-50
38592	1845.5	353440	5357125	Etsl&mg	comp	outcrop	81	25	5	117	200	-50
38593	1846	353460	5357115	Etsl	comp	outcrop	68	60	5	130	166	-50
38594	1848	353580	5357060	Etf&mg	comp	outcrop	26	12	10	51	49	-50
38595	1850	353535	5357240	Etmg	comp	subcrop	57	7	5	48	150	-50

West Avebury Rock Chip Analysis

842026

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38596	1851	353405	5357390	Etsl&fg	comp	subcrop	86	41	5	47	127	60
38597	1853	353425	5357305	Etmg	grab	float	94	48	3	74	291	-50
38598	1854	353455	5357286	Etf&sl	comp	float	68	92	4	52	92	-50
38599	1855	353460	5357275	Etu, serp(w/m)	grab	float	110	611	4	48	95	-50
38600	1856	353660	5356955	Etlg	comp	outcrop	191	205	6	42	148	-50
30851	1857	353680	5356915	Etsl/sh	comp	outcrop	70	88	23	137	68	-50
30852	1858	353700	5356880	Etsl	comp	outcrop	71	67	21	244	87	-50
30853	1859	353701	5356975	Etsl/sh	comp	outcrop	79	64	13	98	88	-50
30854	1859.1	353701	5356975	Etsl/sh	grab	outcrop	118	119	24	75	215	-50
30855	1860	353704	5356965	Etf&g	comp	outcrop	75	82	12	94	101	-50
30856	1861	353705	5356955	Etf&lg?	comp	outcrop	104	217	22	48	34	-50
30857	1862	353703	5356940	Etf&sl	comp	outcrop	72	76	11	87	117	-50
30858	1863	353695	5356815	Sa	comp	outcrop	35	68	27	94	97	-50
30859	1864	353675	5356805	Sa	comp	outcrop	46	38	30	98	92	-50
30860	1866	353601	5356725	Sc	comp	outcrop	27	18	10	54	575	-50
30861	1871	353430	5356600	Sc	comp	float	-3	6	3	6	82	-50
30862	1872	353471	5356655	Sc?	grab	float	27	23	51	178	420	-50
30863	1873	353371	5356795	Sa	grab	float	60	14	22	130	192	-50
30864	1874	353290	5356865	Sa	grab	float	-3	95	18	9	300	150
30865	1875	353240	5356870	Etlg & Etsl/fg	comp	float	54	12	7	88	148	-50
30866	1968	353176	5356812	Etf&g	comp	float	166	21	8	117	287	-50
30867	1970	353156	5356749	Sa	comp	float	72	169	10	29	117	-50
30868	1971	353170	5356725	Sa	comp	float	89	81	26	230	105	-50
30869	1972	353152	5356745	Etlg&mg			93	91	24	128	173	-50
30870	1974	353155	5356610	Etsl&fg	comp	outcrop	73	64	13	278	105	-50
30871	1975	353195	5356625	Etsl	comp	outcrop	65	84	20	169	81	-50
30872	1976	353215	5356645	Etsl&Sa	comp	float	70	26	9	158	111	-50
30873	1977	353180	5356595	Sa/Schist	comp	float	43	55	71	231	156	-50
30874	1979	353245	5356505	Sc	comp	float	14	10	58	83	465	-50
30875	1982	353090	5356385	Etf&sl	comp	outcrop	55	36	9	176	94	-50
30876	1983	353086	5356420	Etsl	comp	outcrop	70	77	15	163	114	-50
30877	1984	353095	5356460	Etsl&fg	comp	outcrop	68	93	9	170	109	-50
30878	1985	352985	5356670	Um?/Sil-serp(m/s), py (<20°	grab	outcrop	3580	2610	33	121	344	120
30879	1985.1	352985	5356670	msv mag	grab	outcrop	154	61	-3	95	1780	55
30880	1986	353959	5356674	msv mag	comp	outcrop	896	863	8	177	1185	-50

West Avebury Rock Chip Analysis

842027

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
30881	1987	352930	5356675	Etsl	grab	outcrop	343	74	20	390	77	115
30882	1988	352360	5356815	Posq	comp	float	4	7	6	4	14	-50
30883	1990	352578	5357359	Dg, sil-tour	grab	float	3	24	22	30	18	-50
30884	1992	353196	5357396	sil-serp(m/s)&Etfg	comp	subcrop	156	424	23	48	48	-50
30885	1993	353220	5357405	Etmg&fg	comp	outcrop	93	50	6	95	303	-50
30886	1993.1	353230	5357415	Etfg&sl	comp	outcrop	57	43	12	53	155	-50
30887	1994	353251	5357464	serp(m), sil-serp(m/s), pyrrh	c/g	float	123	401	7	9	19	-50
30888	1994.1	353251	5357469	Etfg&mg	comp	outcrop	54	17	8	23	94	-50
30889	1995	353231	5357582	Etfg	grab	float	112	8	4	68	148	-50
30890	1998	353292	5357698	Etmg	grab	float	90	8	-3	77	232	-50
30891	1999	353348	5357708	Etfg/mg	comp	float	86	22	-3	76	185	-50
30892	1999.1	353348	5357708	serp-vnd(m)	grab	float	8	10	4	10	19	-50
30893	2000	353368	5357690	Sil-serp(s), fol	comp	subcrop	9	13	4	11	23	-50
30894	2001	353370	5357640	Etmg	comp	float	77	5	-3	48	263	-50
30895	2002	353406	5357715	sil-serp, Etmg	comp	subcrop	15	34	8	29	70	-50
30896	2003	353423	5357736	sil-serp Etu	comp	outcrop	11	4	7	7	46	-50
30897	2004	353420	5357748	sil, Etsl&fg/mg	grab	float	126	202	5	-2	37	-50
30898	2005	353404	5357770	serp-sil, Um?	comp	subcrop	64	30	5	26	48	-50
30899	2005.1	353404	5357770	serp-sil, Etfg?/Um?	comp	subcrop	43	43	6	24	54	-50
30900	2006	353374	5357827	sil-serp, Etsl?	comp	float	7	19	14	40	68	-50
31431	2007	353346	5357842	sil-serp	comp	subcrop	65	15	5	43	163	-50
31432	2014	353045	5357507	Etfg?	grab	outcrop	24	49	-3	64	11	-50
31433	2015	353055	5357498	Etfg&mg	comp	float	15	17	10	11	36	-50
31434	2016	353044	5357502	sil-serp, Etu	comp	subcrop	36	21	7	4	23	-50
31435	2017	354112	5357666	serp-sil	grab	float	17	11	5	9	152	-50
31436	1878	354031	5357740	serp, Etfg?/Um?	comp	subcrop	40	13	17	112	156	-50
31437	1878.1	354031	5357740	Etsl	grab	subcrop	57	169	158	195	103	-50
31438	1879	354054	5357717	serp	grab	float	6	8	-3	65	31	-50
31439	1880	354003	5357786	serp, fg Um?	comp	float	21	39	16	9	289	-50
31440	1880.1	354003	5357786	Pou?	comp	float	51	8	12	35	70	-50
31441	1881	353998	5357805	Um?	comp	float	42	18	3	102	128	-50
31442	1882	354006	5357864	sil-tour-py&serp	grab	float	32	125	25	27	-5	9700
31443	1882.1	354000	5357867	Etfg/sl?&Um?	comp	float	41	104	-3	-2	23	345
31444	1883	354022	5357961	Ebag?	grab	float	127	57	-3	7	32	-50
31445	1884	353995	5357983	Etsl?	comp	float	131	238	-3	21	60	-50

West Avebury Rock Chip Analysis

842028

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
31446	1885	353970	5357983	Etsl&mg	grab	float	60	97	-3	3	15	-50
31447	1887	353715	5357920	Ebag?	comp	subcrop	15	18	-3	-2	14	-50
31448	1888	353645	5357945	Ebag	comp	float	54	4	5	4	155	-50
31449	1889	353552	5357924	Etu, serp	grab	float	63	38	-3	35	202	-50
38330	1893	353531	5357563	Ebag	grab	float	95	20	5	9	62	-50
38331	1893.55	353361	5357543	Etmg?-serp	grab	float	91	16	-3	15	194	-50
38332	1895	353357	5357426	Ebag&Etmg	comp	float	43	37	-3	-2	37	-50
38333	1896	353314	5357400	Etmg&sl	comp	float	21	18	-3	9	65	-50
38334	1897	353311	5357389	Etmg&lg	comp	outcrop	67	4	-3	43	217	-50
38335	1898	353160	5357350	Etmg&sl	grab	outcrop	69	4	-3	32	159	-50
38336	1900	353205	5357365	sil-serp	grab	outcrop	69	48	-3	9	17	125
38337	1900.1	353205	5357365	sil-pyrrh	grab	float	99	444	-3	4	14	-50
38338	1900.2	353225	5357375	Etsl	comp	subcrop	86	388	-3	8	35	-50
38339	1901	353118	5357347	Etsl&fg/Um?	grab	float	33	100	-3	55	85	-50
38340	1902	353017	5357241	sil-py, Etsl?	grab	float	51	391	-3	-2	40	-50
38341	1902.1	353017	5357241	Serp-sil, Etfg/mg&sl	comp	float	18	151	-3	-2	5	-50
38342	1903	352984	5357265	Ebag	grab	float	9	8	3	129	9	-50
38343	1904	352940	5357258	Ebag?	comp	float	68	31	-3	65	191	-50
38344	1905	352883	5357235	Sil-serp, Etsl&fg	comp	float	106	140	-3	2	45	-50
38345	1906	352867	5357229	serp, Etmg&sl	comp	float	33	60	-3	7	81	-50
38346	1907	352763	5357284	Pou/S?	comp	subcrop	25	3	3	9	213	-50
38347	1908	352732	5357273	Sc?	comp	float	4	3	-3	-2	-5	-50
38348	1909	352710	5357314	sil-tour	grab	float	-3	2	-3	-2	-5	-50
38349	1911	352753	5357234	Etfg/mg	comp	subcrop	99	6	-3	80	107	-50
38350	1913	352694	5357097	Etfg		float	124	54	3	89	248	-50
38505	1914	352632	5357049	sil-serp-pyrrh	grab		57	437	6	2	16	-50
38504	1915	352625	5357052	serp/Um?	comp	float	116	231	-3	9	43	-50
38506	1916	352613	5357043	serp/Etu	comp		24	137	4	15	21	-50
38507	1917	352589	5356922	serp/Etfg	comp	float	-3	7	24	-2	24	-50
38508	1918	352430	5357080	sil-py-tour	comp	float	-3	19	268	4	21	80
38509	1920	352405	5357059	sil-serp-py	grab	float	196	173	5	16	63	-50
38510	1921	352370	5357037	Etfg/mg, serp	comp	float	43	49	-3	36	55	-50
38511	1921	352370	5357037	sil-tour-FeO	grab	float	12	189	151	16	29	-50
38512	1922	352357	5357022	serp, Etfg/mg?&cg?	comp	float	43	144	3	17	69	-50
38513	1923	352340	5356945	sil-tour	grab	float	4	116	405	-2	23	835

West Aveybury Rock Chip Analysis

842029

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38514	1923.1	352340	5356945	serp, Etfg	comp	float	51	46	3	4	111	-50
38515	1923.2	352340	5356945	serp, Um?	grab	float	28	24	5	20	48	-50
38516	1924	352348	5357020	serp, Etfg/Esm?	comp	float	112	138	5	5	132	-50
38517	1925	352385	5356810	Pou	comp	float	-3	-2	-3	-2	-5	-50
38518	1927	352505	5356459	Sc?/Pou	comp	float	3	5	-3	-2	8	-50
38519	1928	352531	5356458	schist	comp	float	3	4	9	2	9	-50
38520	1929	352549	5356452	Etu&Sc?	comp	float	8	11	3	38	22	-50
38521	1931	352595	5356447	Pou&schist	comp	float	-3	8	8	-2	-5	-50
38522	1932	352623	5356419	serp, Etfg/sl?	comp	float	83	22	4	130	112	-50
38523	1933	352637	5356388	Um?, sil-serp?/act?/tour?	comp	subcrop	7	10	-3	29	1195	-50
38524	1934	352652	5356376	Etsl&fg	comp	float	68	67	6	158	96	-50
38525	1935	352730	5356393	Etsl	comp	outcrop	65	40	-3	46	111	-50
38526	1935.1	352720	5356393	Etsl, calc-sil	comp	outcrop	47	50	17	49	92	70
38527	1936	352711	5356400	serp/Esm?	comp	outcrop	450	254	10	40	324	155
38528	1937	352701	5356410	sil-serp	grab	outcrop	36	45	19	45	1120	70
38529	1938	352690	5356430	Um?	grab	outcrop	967	196	6	312	1135	-50
38530	1939	352670	5356430	sil/schist/Um?	comp	subcrop	19	31	5	56	733	-50
38531	1940	352685	5356465	Etu	comp	float	82	24	7	122	110	-50
38532	1941	352659	5356505	Etsl?	comp	float	143	106	29	192	23	-50
38533	1942	352591	5356615	Etsl/schist?	comp	float	82	24	7	24	177	-50
38534	1942.1	352591	5356615	Etsl&fg?	comp	float	71	14	25	75	95	-50
38535	1943	352515	5356624	Pou	comp	outcrop	-3	3	11	-2	6	-50
38536	1949	352330	5356214	Pou, sil-tour	comp	float/subcrop	-3	4	11	-2	12	-50
38537	1949.1	352330	5356205	Pou	comp	outcrop	3	8	-3	-2	5	-50
38538	1951	352346	5356079	Etfg&sl	comp	outcrop	75	101	-3	121	102	-50
38539	1957	352599	5356383	Etfg&schist	comp	float	56	10	5	29	159	-50
38540	1958	353937	5357579	Etmg	comp	subcrop	61	245	-3	51	178	-50
38541	1959	353916	5357723	calc-sil, serp, Etu	comp	subcrop	40	157	16	8	53	-50
38542	1960	353908	5357740	calc-sil, sil-serp, Etu	comp	float/subcrop	48	169	4	11	35	-50
38543	1961	353880	5357791	calc-sil, Etmg/cg	comp	float	34	164	4	-2	21	-50
38544	1962	353884	5357811	Etsl&fg?	comp	outcrop	35	90	-3	-2	38	-50
38545	1963	353847	5357812	Etfg&sl	comp	float	33	23	-3	3	57	-50
38546	1964	353787	5357816	calc-sil, serp, Etsl&cg/Ebag	comp	subcrop	37	66	-3	7	49	-50
38547	1965	353813	5357842	serp, Etmg/Esm?	grab	float	60	27	-3	12	193	-50
38548	1966	353849	5357866	Etfg&sl	comp	float	35	166	3	3	19	-50

West Avebury Rock Chip Analysis

842030

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38549	1967	353893	5357845	serp, Esm?	grab	float	36	87	-3	85	80	-50
38550	1967.1	353893	5357845	Sil-serp	grab	float	49	41	5	19	88	-50

Appendix 3 Drill Core Analysis - TH1,2&3

West Avebury - Drill Core Analysis		
	Ni (ppm)	Cr (ppm)
TH1 71.5-72.5	14	17
TH1 72.5-73.0	144	52
TH1 73.0-74.0	92	98
TH1 74.0-75.0	74	94
TH1 120-121	105	31
TH1 121-122	80	61
TH1 122-123	75	48
TH1 123-124	83	49
TH1 124-125	119	42
TH1 125-126	60	31
TH2 87-88	76	19
TH2 88-89	77	21
TH2 89-90	71	14
TH2 90-91	79	48
TH2 482-483	200	59
TH2 483-484	660	2960
TH2 484-485	362	267
TH2 485.0-486.1	141	154
TH2 486.1-486.4	1940	53
TH2 486.4-488.0	289	243
TH2 488-489	214	540
TH2 489-490	115	350
TH2 490-491	252	109
TH2 491-492	686	234
TH2 492-493	796	463
TH2 493-494	164	195
TH2 494-495	252	98
TH2 495-496	269	296
TH2 502.5-503.5	169	711
TH2 503.5-504.5	218	140
TH2 504.5-505.5	271	107
TH3 244-245	116	12

Appendix 4 Rock Chip Sample Descriptions - Pontiac

Pontiac Rock Chip Sample Descriptions

842034

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38001	1503	354701	5357836	gn gwacke/hornfels, serp(w/m)
38002	1505	354699	5357912	mg gwacke/hornfels, vfg pyrrh?
38003	1506	354704	5357956	mg hornfels & wed mg gwacke, gn serp(w), crm calc-sil(w/m), pyrrh(2%, dss), cpy/py(tr)
38004	1507	354676	5357955	grey/gn hornfels slst & fg gwacke?, serp-vnd(w/m), local crm calc-sil(w)
38005	1508	354675	5357963	pgn to crm relict slst, calc-sil(w/m)-gal?(tr)
38006	1509	354669	5357971	bdd? sediment, serp-vnd(m), crm sil(w), vfg pyrrh on fol(1 to 15% local), py/cpy(tr), crm calc-sil(m/s) locally
38007	1510	354656	5357994	crm & gn fg/mg hornfels (gabbro?-textured, 20% mafic mins), mag(w), serp(w)
38008	1511	354614	5358048	dgrey to grey/crm fg gwacke/hornfels, pyrrh(0.5%, locally 5%), sil(w) serp-vnd(w/m)
38009	1513	354585	5358112	thin bdd sh/slst & fg gwacke serp-sil-py-vnd (w), local crm calc-sil (m/s), local sil-serp (m/s), dss mag?(tr)
38010	1513.5	354585	5358112	pgn sil-serp(m/s), hornfels
38011	1514	354581	5358119	gn & crm fg/mg hornfels, perv-sil-serp altn producing gabbro-like texture, crm calc-sil-vnd(tr)
38012	1515	354594	5358128	grey interbdd slst& fg gwacke(locally cg), hornfels(m/s), serp(m), crm calc-sil-vnd(tr)
38013	1516	354604	5358132	d grey fg/mg gwacke/hornfels serp-vnd (m) & perv (w/m)
38014	1576	354695	5357971	pgn t o gn fg gwacke?, crm calc-sil(m), gn serp-vnd(w/m), sil(m)
38015	1577	354702	5358221	gn bdd mg gwacke & relict lht bn slst sil-serp (m/s)
38016	1578	354703	5358242	bn mg hornfels gwacke, sil-serp-vnd(w), zones of angular crm sil/ calc-sil? altered slst clasts in gn sil-serp(m/s) matrix (hydrothermal breccia?/lithic gwacke)
38017	1579	354703	5358268	fg/mg hornfels gwacke serp-sil (ms)
38018	1580	354701	5358387	relict crm/lht bn slst beds/clasts?, some basalt-like texture, serp-vnd&semi-perv(m)
38019	1580.5	354701	5358402	relict crm/lht bn slst beds/clasts?, serp-vnd&semi-perv(m), local fol(m, anastomosing)
38020	1580.6	354702	5358414	relict crm/lht bn slst beds/clasts?, serp-vnd&semi-perv(m), local fol(m, anastomosing)
38021	1580.7	354680	5358419	thin bdd/lam chert, dss py(1%), FeO(w)
38022	1581	354699	5358481	gn/dbn fg/mg hornfels gwacke & interbedded slst, serp vnd (m) & perv (m)
38023	1582	354701	5358546	float pgn sil-serp(m/s), py & pyrrh(5% ?, dss, locally 15%)
38024	1583	354701	5358613	relict hornfels gwacke & slst, semi-perv serp(m)
38025	1584	354701	5358680	dgn gwacke? serp perv (m) & vnd (w/m)
38026	1585	354700	5358704	dgn&gn altered fg gwacke&slst?, vnd&perv-serp (m to m/s) perv
38027	1587	354704	5358857	float/subcrop? pgn sil (m/s), serp-vnd (w) after fg gwacke & slst
38028	1588	354703	5358961	bn&gn serpentinite, fol(m/s, locally), q-vnd (w), dss& weakly vnd mag(3%), semi-gossanous-FeO(w/m)
38029	1588	354711	5358964	float boulder, altered serpentinite, dss& semi-perv mag(w/m), crm opaline sil?, relict pgn msv ultramafic? local
38030	1591	354572	5359211	msv ironstone, mag(s)
38031	1592	354546	5359190	float, ironstone, fragmental weakly lateritic appearing
38032	1593	354530	5359197	relict fg/mg gwacke & slst?, fol(m/s), wavy crm calc-sil(m), dgn serp-vnd(w/m), sil-serp(m/s)
38033	1594	354509	5359197	float, perv-sil(m/s), dss pyrrh(2%), serp-py-vnd(w, 1%), hornfels

Pontiac Rock Chip Sample Descriptions

842035

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38034	1595	354572	5359108	crm calc-sil (m/s) relict slst? ; sil-serp overprint (m/s), pyrrh (tr)
38035	1596	354965	5359069	pgn wed clayey msv serpentinite, semi-perv mag(w/m), pyrrh/pent(tr ->0.5%), py?(tr)
38036	1596.5	354967	5359060	pgn&dgn serp(m), relict mag(w/m), pyrrh?(4%), cpy(tr)
38037	1597	354989	5359039	msv serpentinite(locally emerald gn colour), semi-perv mag(w/m to locally m), pyrrh(3%) py/pent?(0.5%)
38038	1598	355012	5359018	siliceous(m), py on fol(w, to 5%), sphal?(<0.5%), local fg basalt? texture
38039	1599	355068	5358942	float, pgn sil(m) with zones msv serp(m/s), minor serp-vn's
38040	1600	355079	5358950	dgn mg gabbro, local py(tr), sil(w/m) & fol zones
38041	1601	355100	5358948	lht bn slst& mg gwacke(q-grain bearing), serp-vnd(w)
38042	1603	355155	5358929	crm/pgn sil(m/s)-py(0.5-1%), mag(w, dss&vnd 2%)
38043	1604	355141	5358946	pgn&gn sil-serp(w/m), serp(m), mag(w, 2% dss)
38044	1605	355104	5358986	mg gabbro, serp(w)
38045	1606	355082	5359203	mg gabbro, serp(w)
38046	1608	355134	5359258	gn mg gabbro, serp-vnd(w, local)
38047	1612	355140	5358909	hornfels fg gwacke & slst, chaotic disrupted surface, msv serp patches & vns with py (tr - >1%)
38048	1612.5	355132	5358876	pgn sil-serp(m)-py(tr), FeO(w, stain)
38049	1613	355143	5358827	fg gwacke & slst, joints (m) serp (m/s); local sil-serp (w/m)
38050	1614	355147	5358808	relict fg gwacke? domainal perv crm calc-sil (m)? & serp (m)
38151	1615	355149	5358770	fg gwacke with minor bn slst interbdd, joints (w/m), mod tight fold & breccia-like texture local, variable serp (w/m), sil zones (w)
38152	1616	355149	5358743	dgn serp (m), py(tr-0.5%), sil-serp-vnd(w), mag (w), fg sed?
38153	1617	355156	5358736	fg gwacke & minor (contorted) slst, serp (w, locally m), weak mineral/grain elongation
38154	1618	355170	5358665	mg & fg gwacke/hornfels, serp-vnd(w),sil(w), pyrrh(to 2%)
38155	1620	355186	5358633	gn fg&mg gwacke, fg perv serp(w, locally m), serp-vnd-py(tr-0.5%)
38156	1621	355250	5358592	mg gwacke, py(tr, locally 2%), serp-vnd(w)
38157	1625	355370	5358386	grey fg gwacke & pgn slst interbeds, little altered
38158	1627	354979	5358784	gn gwacke & interbedd bn slst, sil-serp (w/m)
38159	1628	354880	5358903	fg basalt-like texture, altn induced?
38160	1630	354831	5358911	serp-vnd(w/m) slst & sil-serp(w/m) altered fg gwacke, (/basalt?)
38161	1631	354852	5358985	float mag (w/m) - pyrrh (3%)
38162	1633	354638	5359265	dgn serpentinitised (m to m/s) mg/cg gabbro, dss pyrrh (0.5% local)
38163	1634	354683	5358947	gn serp/sil-serp(m), crm calc-sil(m), fol(w, local), mag (w)
38164	1634.5	354677	5358963	grab sample, gn serp (m/s) with semi-perv mag (m/s), sulphide(tr)
38165	1635	354695	5358963	bn siliceous, foliated, relict serp?, semi-perv-mag-vnd(m), FeO(m)
38166	1636	354754	5358748	gn&crm hornfels (relict q-grains& sed texture), local gabbro-like texture(altn induced), pyrrh(tr-2%), serp-vnd(w)-py(tr-1%), semi-perv serp(m), sil-serp(m/s)

Pontiac Rock Chip Sample Descriptions

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Sample No.	Field No.	East (AMG)	North (AMG)	Description
38167	1638	354790	5358640	boulders - interbedded slst & fg gwacke, serp-vnd & perv(w/m), pyrrh to 0.5% local in serp-vns, crm calc-sil(m), mineral/grain alignment in some boulders
38168	1639	354832	5358560	fg hornfels gwacke, serp vnlets(w/m) & local patches(m)
38169	1640	354874	5358397	bn-ish&gn wed(m), perv-serp(m), mag(w), py/pyrrh?(tr), after gwacke?
38170	1641	354845	5358382	thin bdd slst & fg gwacke, zones of crm/bleached calc-sil(m) & serp-perv(w/m)
38171	1642	354849.08	5358359.61	lht gn & crm slst, sil(w) with dss mag(w) & serp-vnd(w), interbedded with fg gwacke, serp-perv(m)
38172	1642.5	354850	5358354	dgn fg mafic texture?(aligned xtals locally, E wall chasm), perv&vnd serp(m)
38173	1643	354852.74	5358349.31	thin bdd slst& fg gwacke, calc-sil(m/s), mag(tr to 0.5%, dss), pgn sil-serp(m), (gal? tr)
38174	1644	354875	5358293	chasm along creek, thin bdd grey slst & slst fg gwacke with dss py(1%, local), serp(w, locally m), FeO stain on creek bank
38175	1645	354900	5358232	pgn sil-serp(m), py(0.5-5%, dss), mineral alignment to fol(m), serp-vnd(w)
38176	1647	354935	5358171	thin bdd slst & minor fg gwacke, little altered
38177	1648	354928	5358098	dbn/gn fg/mg gwacke hornfels with dgn semi-perv serp(w) & vnd(w/m), py(2%, dss) in crm/grey sil(m); 15m upstream is minor lithic mg/cg gwacke with qtz, siliceous & slst clasts, serp-vnd(w)
38178	1649	354930	5358093	mg/cg gwacke, serp-vnd(m) & dgrey slst, serp-vnd(w)-py(tr) downstream
38179	1650	354956	5358049	chasm, fg/mg gwacke, perv-serp(m), locally mg/cg gwacke & thin bdd slst, E side creek is fg gwacke, sil-serp(m/s)
38180	1653	354362	5357991	hornfels fg/mg gwacke serp semi-perv (w/m) & vnd (w), joints (m)
38181	1654	354344	5358009	altered gwacke, bn slst & lam grey sh, serp-vnd(m) & perv(m), zones sil-serp(m)
38182	1654.5	354355	5358017	float, gossanous FeO(w/m), sil-serp(m/s)
38183	1655	354298	5358002	gn & dgn serp (s), msv fg mafic?(/Um?)
38184	1656	354299	53580239	calc-sil (m) sil-serp-py-vnd (w/m), after fg gwacke?
38185	1658	354317	5358105	q-lithic bearing gwacke, perv & vnd serp(m), sil-serp(m), joints(m)
38186	1658.5	354308	5358139	q-lithic bearing gwacke, perv & vnd serp(m), zones sil-serp(m), joints(m), fol(m/s locally)
38187	1660	354147	5358169	grey slst, dss py(<1%), sil-serp-vnd(tr) & gwacke, perv-serp(m/s)
38188	1661	354128	5358176	pgn sil-serp(m/s), py dss(tr - 0.5%), weak mineral alignment, local equigranular appearing
38189	1662	354036	5358116	grey thin bdd/lam hornfels slst, serp vn(m) filled brittle fractures
38190	1663	353981	5358094	float grey sil+/-serp(m) slst?, vfg dss pyrrh(3%), FeO+py vnd(w)
38191	1664	353952	5358100	grey & lht gn sil-serp (m/s), serp-vnd (w/m), dss pyrrh locally 10%, local py(5%)-cpy(tr)-vnd with serp, overall sulphide >2% after grey slst?
38192	1665	353929	5358105	mg gwacke, pseudo gabbro texture local, perv serp(m), pyrrh(tr ->3%)
38193	1666	353893.06	5358118.55	sil-serp (m/s), serp flecks (w) pyrrh (2-3%)
38194	1667	353861.72	5358154.53	trace feld-phyric texture in dbn/gn gnd mass, pyrrh(8-10%), zones perv-serp(m) & sil-serp(m/s)
38195	1668	353859	5358165	relict grey slst?, sil(m)-pyrrh(10%, locally 30%), perv serp?(w/m)
38196	1669	353701	5358166	mg aplite, float with q-vnd (8cm wide)

Pontiac Rock Chip Sample Descriptions

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Sample No.	Field No.	East (AMG)	North (AMG)	Description
38197	1671	353472	5358087	ironstone, breccia appearance
38198	1674	353455	5358618	ironstone fragments & perv sil, minor drusy qtz, cg py(1%)
38199	1680	353778	5358664	20m long chasm in creek, dbn wed equigranular, gwacke/mafic?
38200	1681	353902.43	5358897.14	alluvium? cg granite-serp(m)
38201	1682	353986	5358867	cobble msv serpentinite, fol(s), chrysotile-vnd(w), possible exhotic float among alluvium of granite & milky vn-q
38202	1684	354154	5358840	subangular float, mg gwacke, perv-serp(w/m)&vnd(w), py(tr-0.5%)
38203	1685	354363	5358634	pgn slst& mg(local cg) gwacke, sil(m), serp-vnd(w/m)-py(tr-0.5%)
38204	1686	354374	5358617	relict bn slst & mg gwacke, serp-vnd(m), crm calc-sil(w/m)
38205	1688	354314	5358527	cg serp-vnd(m/s), q(sil)-serp-vnd overprint(s), relict patches gwacke/fg mafic?
38206	1690	354103	5358540	float wed serp(m+), mg gwacke?, minor alluvium
38207	1692	353930	5358568	grey fg gwacke, sil(m), serp-vnd(w/m) & perv(m)
38208	1693	353721	5358683	float, sil+/-serp(m/s), serp-vnd(w), relict sed?
38209	1694	353699	5358686	hornfels sed, sil+/-serp alt(m/s), pyrrh? dss locally 5%, tour-veined?(tr)
38210	1695	353666	5358712	grey/pgn relict fg/mg gwacke & minor slst, sil-serp(m), pyrrh? dss(tr)
38211	1697	355036.19	5357868.07	lht bn hornfels gwacke & lht bn/grey schistose (fol w/m) slst, serp-vnd(w)
38212	1698	355221.3	5358011.18	lht bn/grey mg gwacke with reddish jasper/sil grains, perv serp(w/m)
38213	1699	355305	5358125	mg gwacke & interbedded grey slst, perv serp(w/m), joints(w/m)
38214	1700	355408	5358295	grey slst & interbdd fg gwacke, little altered
38215	1701	355400	5358245	kaki/bn fg/mg gwacke, mica (3-4%), little altered
38216	1702	355170	5358305	float, gwacke & interbedded sh/slst, perv sil(m), serp(w/m), flecks & vnd
38217	1703	354979	5358221	grey/gn fg gwacke, perv serp(w/m)
38218	1704	354948	5358210	dgn/bn fg gwacke, perv serp(w/m)
38219	1705	354900	5358210	fg gwacke?(local fg basalt-like texture), locally thin bdd?, serp(m, locally s)
38220	1706	354775	5358225	thin bdd slst&fg gwacke hornfels, sil-serp(m), serp(m), local psuedo-gabbro texture
38221	1707	354740	5358225	pgn&gn thin bdd slst & mg gwacke hornfels, pyrrh&py(tr-0.5%), patches perv serp(m), local sil-serp(m) & local pyrrh(4%) & py(3%)
38222	1708	354580	5358060	fg gwacke & minor slst, zones of perv serp(m), sil-serp(m)

Appendix 5 Rock Chip Analysis - Pontiac

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Pontiac Rock Chip Analysis

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38001	1503	354701	5357836	Etu	comp	float	92	71	4	91	205	-50
38002	1505	354699	5357912	Etmg	comp	subcrop	79	38	9	63	322	-50
38003	1506	354704	5357956	Etmg	grab	float	176	246	72	70	331	-50
38004	1507	354676	5357955	Etsl&fg?	comp	subcrop	83	160	88	179	105	-50
38005	1508	354675	5357963	Etsl	grab	float	90	197	104	178	160	-50
38006	1509	354669	5357971	Etu	comp	subcrop	79	194	74	95	38	-50
38007	1510	354656	5357994	Etu	grab	float	30	20	22	47	87	-50
38008	1511	354614	5358048	Etfg	comp	float	101	146	24	104	141	-50
38009	1513	354585	5358112	Etsl/fg	grab	outcrop	298	3300	691	951	94	375
38010	1513.5	354585	5358112	Etu	comp	outcrop	22	7	52	62	34	-50
38011	1514	354581	5358119	Etu	comp	subcrop	38	1505	29	284	60	-50
38012	1515	354594	5358128	Etsl/fg & cg?	comp	subcrop	53	15	14	66	91	-50
38013	1516	354604	5358132	Etfg/mg	comp	outcrop	103	10	4	61	250	-50
38014	1576	354695	5357971	Etfg?	comp	float/subcrop	95	38	50	67	68	160
38015	1577	354702	5358221	Etmg&sl	comp	outcrop	47	35	18	45	105	-50
38016	1578	354703	5358242	Etlg?	comp	outcrop	52	15	7	61	97	-50
38017	1579	354703	5358268	Etfg/mg	comp	float	41	10	9	68	107	-50
38018	1580	354701	5358387	Etsl?	comp	outcrop	53	17	10	44	107	-50
38019	1580.5	354701	5358402	Etsl?	comp	outcrop	79	35	7	202	238	-50
38020	1580.6	354702	5358414	Etsl?	comp	outcrop	48	161	42	177	43	-50
38021	1580.7	354680	5358419	Etsl	grab	outcrop	45	387	34	40	146	-50
38022	1581	354699	5358481	Etfg/mg&sl	comp	outcrop	29	28	8	59	70	-50
38023	1582	354701	5358546	Etu	grab/comp	float	103	659	37	64	60	-50
38024	1583	354701	5358613	Etmg&sl	comp	outcrop	45	169	10	37	50	-50
38025	1584	354701	5358680	Etu	comp	subcrop	42	48	-3	36	111	-50
38026	1585	354700	5358704	Etu	comp	outcrop	74	9	-3	42	96	-50
38027	1587	354704	5358857	Etfg&sl	comp	float	26	6	15	18	88	-50
38028	1588	354703	5358961	Esm/Esx	grab	float	184	10	8	43	1780	-50
38029	1588	354711	5358964	Esm/Esx	grab	float	461	15	8	40	1430	-50
38030	1591	354572	5359211	mag	comp	float	685	25	16	211	1515	490
38031	1592	354546	5359190	mag	comp	float	188	23	13	124	381	160
38032	1593	354530	5359197	Etu/Pou?	comp	outcrop	24	15	9	28	137	-50
38033	1594	354509	5359197	Pou/Etu	grab	float	68	82	3	29	252	-50
38034	1595	354572	5359108	Etsl?	comp	subcrop	26	26	10	16	37	-50
38035	1596	354965	5359069	Esm/Esx	comp	outcrop	177	140	30	84	346	-50

Pontiac Rock Chip Analysis

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38036	1596.5	354967	5359060	Esx	grab	outcrop	117	1555	9	98	164	100
38037	1597	354989	5359039	Esm/Esx	comp	outcrop	1300	15	13	104	1585	-50
38038	1598	355012	5359018	Esx?	comp	outcrop	64	34	7	313	81	-50
38039	1599	355068	5358942	Etu	grab	float	29	8	12	68	50	-50
38040	1600	355079	5358950	Ebagm	comp	outcrop	46	7	8	120	76	-50
38041	1601	355100	5358948	Etsl&mg	comp	outcrop	64	83	6	90	147	-50
38042	1603	355155	5358929	Etu	comp	float	945	10	-3	65	583	-50
38043	1604	355141	5358946	Etu	comp	subcrop	686	5	13	85	2500	-50
38044	1605	355104	5358986	Ebagm	comp	subcrop	149	7	6	41	277	-50
38045	1606	355082	5359203	Ebagm	comp	outcrop	100	28	10	38	204	-50
38046	1608	355134	5359258	Ebagm	comp	outcrop	78	11	7	43	218	-50
38047	1612	355140	5358909	Etf&sl	comp	outcrop	69	24	4	88	64	-50
38048	1612.5	355132	5358876	Etu	grab	outcrop	36	6	18	63	52	-50
38049	1613	355143	5358827	Etf&sl	comp	outcrop	96	5	8	158	83	-50
38050	1614	355147	5358808	Etf?	comp	outcrop	28	6	55	159	31	-50
38151	1615	355149	5358770	Etf&sl	comp	outcrop	56	14	7	110	49	-50
38152	1616	355149	5358743	Etu	comp	outcrop	94	17	-3	69	112	-50
38153	1617	355156	5358736	Etf		o?	36	66	12	95	20	-50
38154	1618	355170	5358665	Etmg	grab	outcrop	107	15	6	79	234	-50
38155	1620	355186	5358633	Etf&mg	comp	outcrop	84	28	9	107	141	-50
38156	1621	355250	5358592	Etmg	grab	outcrop	102	156	15	161	183	-50
38157	1625	355370	5358386	Etf&sl	comp	outcrop	112	53	51	342	93	-50
38158	1627	354979	5358784	Etf&sl	comp	float	40	33	31	63	52	-50
38159	1628	354880	5358903	Eba/Etu?	comp	outcrop	31	7	28	86	13	-50
38160	1630	354831	5358911	Etsl&fg	comp	outcrop	36	89	9	35	45	-50
38161	1631	354852	5358985	Etu	grab	float	2610	12	-3	70	689	-50
38162	1633	354638	5359265	Ebagv	comp	float	53	11	12	25	60	-50
38163	1634	354683	5358947	Esx?	comp	outcrop	1870	19	17	85	788	105
38164	1634.5	354677	5358963	Esx?	grab	outcrop	1925	11	-3	59	945	-50
38165	1635	354695	5358963	Esx?	comp	outcrop	1750	51	11	141	1690	85
38166	1636	354754	5358748	Etu	grab	outcrop	23	94	-3	66	11	-50
38167	1638	354790	5358640	Etsl&fg	comp	float	46	34	23	62	43	-50
38168	1639	354832	5358560	Etf	comp	float	38	14	12	26	37	-50
38169	1640	354874	5358397	Etu/Esm?	comp	outcrop	103	13	12	99	179	-50
38170	1641	354845	5358382	Etsl	comp	outcrop	31	10	53	74	102	-50

Pontiac Rock Chip Analysis

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38171	1642	354849.08	5358359.61	Etsl	comp	outcrop	86	29	150	227	125	-50
38172	1642.5	354850	5358354	Esm?	comp	outcrop	78	9	25	135	200	-50
38173	1643	354852.74	5358349.31	Etsl	grab	outcrop	29	6	52	122	38	-50
38174	1644	354875	5358293	Etsl&fg	comp	outcrop	59	292	122	1515	51	65
38175	1645	354900	5358232	Etu	comp	outcrop	102	159	45	195	18	175
38176	1647	354935	5358171	Etsl	comp	outcrop	100	55	18	120	142	-50
38177	1648	354928	5358098	Etfg/mg & Etlg	grab	outcrop	63	69	15	89	60	-50
38178	1649	354930	5358093	Etmg/cg&sl	comp	outcrop	86	44	7	82	111	-50
38179	1650	354956	5358049	Etmg,cg&sl	comp	outcrop	38	5	16	38	54	-50
38180	1653	354362	5357991	Etfg/mg	comp	float	51	103	6	49	91	-50
38181	1654	354344	5358009	Etsl/sh	grab	subcrop	104	33	3	62	164	-50
38182	1654.5	354355	5358017	sil-serp-FeO	comp	outcrop	66	6	10	44	42	-50
38183	1655	354298	5358002	Esm?	comp	float	55	6	5	93	131	-50
38184	1656	354299	53580239	Etu	grab	float	43	7	16	34	30	205
38185	1658	354317	5358105	Etlg?	comp	outcrop	75	11	4	82	116	-50
38186	1658.5	354308	5358139	Etlg?	comp	outcrop	38	9	10	36	29	-50
38187	1660	354147	5358169	Etsl&mg?	comp	float	76	103	6	110	53	-50
38188	1661	354128	5358176	Etu/Esm?	grab	subcrop	46	14	6	70	154	-50
38189	1662	354036	5358116	Etsl	grab	float	21	7	4	11	57	-50
38190	1663	353981	5358094	Etsl	grab	float	110	218	3	22	17	-50
38191	1664	353952	5358100	Etsl	comp	float	86	110	-3	10	39	-50
38192	1665	353929	5358105	Etmg/Esm?	grab	float	45	14	11	23	17	-50
38193	1666	353893.06	5358118.55	Etu	grab	float	60	128	-3	6	45	-50
38194	1667	353861.72	5358154.53	Etu	comp	subcrop	92	111	-3	10	19	-50
38195	1668	353859	5358165	Etsl	comp	float	99	144	-3	33	90	-50
38196	1669	353701	5358166	Dma	grab	float	11	9	8	14	5	-50
38197	1671	353472	5358087	mag	comp	outcrop	285	11	7	245	2400	140
38198	1674	353455	5358618	sil/fest	comp	float	-3	1695	188	56	16	10200
38199	1680	353778	5358664	Esx/Etu?	grab	outcrop	80	11	-3	69	186	-50
38200	1681	353902.43	5358897.14	Qha/Dgpu	comp	float	38	8	3	17	215	-50
38201	1682	353986	5358867	Esm	grab	float	1075	19	-3	26	2500	-50
38202	1684	354154	5358840	Etmg	comp	float	25	17	7	23	29	-50
38203	1685	354363	5358634	Etsl&mg	comp	outcrop	24	10	7	15	55	-50
38204	1686	354374	5358617	Etsl&mg	comp	outcrop	32	12	6	30	41	-50
38205	1688	354314	5358527	Etu/serp-sil	comp	float	16	11	4	18	16	-50

Pontiac Rock Chip Analysis

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm	As_ppm
38206	1690	354103	5358540	Etu	comp	float	45	48	6	25	244	-50
38207	1692	353930	5358568	Etfg	comp	outcrop	33	8	12	35	52	-50
38208	1693	353721	5358683	Etu	comp	float	37	48	-3	18	42	-50
38209	1694	353699	5358686	Etu	comp	outcrop	47	134	-3	18	60	-50
38210	1695	353666	5358712	Etfg/mg&sl	comp	outcrop	71	24	-3	84	103	-50
38211	1697	355036.19	5357868.07	Etmg&sl	comp	outcrop	54	21	7	79	113	-50
38212	1698	355221.3	5358011.18	Etmg/Etlg?	comp	float	113	9	3	57	146	-50
38213	1699	355305	5358125	Etmg&sl	comp	outcrop	104	29	56	89	154	-50
38214	1700	355408	5358295	Etsl&fg	comp	outcrop	77	36	27	283	66	-50
38215	1701	355400	5358245	Etfg/mg	comp	outcrop	72	23	44	108	125	-50
38216	1702	355170	5358305	Etmg&sl	comp	float	42	10	12	42	52	-50
38217	1703	354979	5358221	Etfg	comp	float	45	6	3	90	62	-50
38218	1704	354948	5358210	Etfg	comp	outcrop	42	24	8	106	28	-50
38219	1705	354900	5358210	Etfg/Esx?	comp	outcrop	47	7	-3	74	52	-50
38220	1706	354775	5358225	Etsl&fg	comp	outcrop	48	13	6	57	39	-50
38221	1707	354740	5358225	Etsl&mg	comp	outcrop	39	66	30	231	30	-50
38222	1708	354580	5358060	Etfg	comp	outcrop	44	20	14	68	29	-50

Appendix 6 Rock Chip Sample Descriptions - Burbank (Little Henty)

Burbank (Little Henty) Rock Chip Sample Descriptions

842044

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38051	1517.5	350804	5355287	gn perv-serp(m/s), sil(w/m)-py?(tr, dss), mag(vw), local fragmental appearance with relict sst?
38052	1518.5	350844	5355278	gn perv-serp(m/s), sil(w/m)-py?(tr, dss), mag(vw), local fragmental appearance with relict sst?, minor float bn sst with milky q-vnd
38053	1519	350851	5355287	float, bn sil(m/s) with local drusy q, mag-vnd(m)
38054	1520	350924	5355293	boulder scree, serp(m, to m/s)-vnd & locally perv, bn sil (m) zones, q-vnd(tr) on fol(w to w/m), sil-serp-vnd(m)
38055	1521	350864	5355316	mostly sil(s)-perv with later bn q-vnd(commonly vuggy with drusy q), local gossanous vug fill, mag(w)-vnd & dss, local grey q after sil-serp
38056	1523	350884	5355322	grab, bn sil(s), semi-perv & vnd mag(m/s)
38057	1523.5	350884	5355322	boulder scree bn sil(s), semi-perv & vnd mag(w)
38058	1524	350888	5355324	Ultramafic, bleached/leached wed cg serp appearance, semi-perv mag(w/m), Annbergite?(tr, translucent gn mineral)
38059	1525	350877	5355319	scree/subcrop? bn sil(s), mag(w/m), bn drusy q common
38060	1526	350873	5355314	bn sil(s), perv mag(m)
38061	1527	350925	5355290	gossanous ironstone, perv mag(m/s), q slickensides locally
38062	1529	350956	5355315	crm/lht bn siliceous sst, sparse dss mag/chromite grains
38063	1530	351023	5355323	lht bn slst & crm fg sst, sil-serp-vnd(w, tr-0.5%)
38064	1531	351022	5355264	workings dump, crm/pgn wed/bleached appearing clay after serp?
38065	1532	350987	5355270	pgn slst & fg siliceous sst, thinbdd
38066	1533	350982	5355264	tan & pgn perv-sil(m), semi-perv&vnd-mag(m) altered rock
38067	1534	350982	5355260	boulder, msv mag/hm, with selvages fg sst-mag(m/s, dss)
38068	1535	350972	5355261	subcrop/float, pgn wed mg Um texture locally in semi-perv mag(m)
38069	1537	350981	5355236	pgn mg Um, mag-vnd(w)
38070	1538	350966	5355272	pgn Um, mag-vnd(m)
38072	1539	350971	5355268	lht bn weakly siliceous schist-fol(m), , weak breccia texture locally, sil-mag-vnd(w)
38071	1540	350960	5355270	wed pgn Um, mag(w/m), rd hm stain(w)
38073	1541	350954	5355263	wed(m) mg Um, mag(w), sil-vnd(w)
38074	1542	350939	5355275	gossanous FeO(w/m), pgn wed(w/m) Um, mag semi-perv&vnd(m)
38075	1543	350953	5355277	mod gossanous pgn sil(s), mag(m) float
38076	1544	350910	5355292	lht bn fol(w), sed/schist?
38077	1545	350911	5355300	pgn/bn Um? sil(m), mag(w/m)
38078	1547	350980	5355278	float, gossanous FeO(m/s), semi-perv/msv mag(m/s), perv sil(w/m)
38079	1547.5	350992	5355254	boulder, semi msv mag(m/s), sil(m), relict Um?/faulted?
38080	1548	351002	5355246	dgn wed gossanous Um, mag-vnd(m), zones of siliceous FeO-chalcedony, minor float crm sil-vnd(w/m) dgrey slst

Burbank (Little Henty) Rock Chip Sample Descriptions

842045

Sample No.	Field No.	East (AMG)	North (AMG)	Description
38081	1549	351024	5355243	grey mg q-sst, with pgn sil-serp(w/m)
38082	1550	351036	5355228	float wed gossanous ironstone (sampled) & lht bn siliceous fg sst
38083	1551	351029	5355217	lht tan wed mg Um, local cataclasite texture?, dss&vnd mag(w), bn sil-vnd(tr)
38084	1552	351035	5355225	float, relict Um(sampled), Silurian sst & bn sil(m/s) with semi-perv-mag(m) & drusy q lined vugs(w/m)
38085	1554	351060	5355240	mg/cg q-sst & silicified sst
38086	1555	351083	5355226	silicified(w/m) mg q-sst, patches sil-serp(w)
38087	1556	351084	5355165	float, silicified cg q-sst & tan clayey siliceous slst? local fol(w/m)
38088	1557	351075	5355170	relict mg Um texture?, translucent perv sil(m), sil-serp-vnd(w/m)
38089	1558	351062	5355156	relict Um? local clastic/breccia texture, vnd&dss mag(w/m, locally m), gn serp(m) patches
38090	1559	351067	5355150	bn sil(m/s), mag(w/m, locally m/s), bn drusy q lined thin vugs, silvery sulphide(tr)
38091	1560	351041	5355166	crm/pgn fg/mg Um, leached appearing, fol(w/m), translucent q-vnd(w), semi-perv mag(w, local), locally shistose
38092	1561	351045	5355146	gn perv sil-serp(m) altered Um?
38093	1565	351204	5355149	scree comprising lht gn sil-serp?(w) fg sst, lht bn sil(m) q-sst and lht bn fol(m) slst/schist
38094	1567	351039	5355211	float wed pgn&gn serp(w/m), semi-perv&dss mag(w)
38095	1567.5	351039	5355211	float wed pgn&gn slst/fg gwacke?
38096	1568	351031	5355200	Fault breccia/cataclasite, heterolithic with granule-pebble sized clasts comprising lht bn silicified slst & crm relict silicified q-sst with matrix perv serp(m, locally s) & minor sil-serp(m)
38097	1570	351021	5355178	float lht bn wed(m) sil(w/m), bn sil-vnd(w) relict mg serpentised ultramafic
38098	1571	350922	5355228	gossanous(w) breccia? mottled irregular cavity filled surface, highly indurated, bn sil(m/s), bn drusy q vugs(w), mag(w), (gn ppt/fungus?, tr)
38099	1572	350890	5355240	pgn fg/mg Um?, bn sil-vnd(w/m)
38100	1573	350833	5355239	sparse scree
38101	1574	350840	5355235	crm&gn perv sil&sil-serp?(s)
38102	1575	350832	5355253	lht bn sil(s), mag(w)

Appendix 7 Rock Chip Analysis - Burbank (Little Henty)

Burbank (Little Henty) Rock Chip Analysis

842047

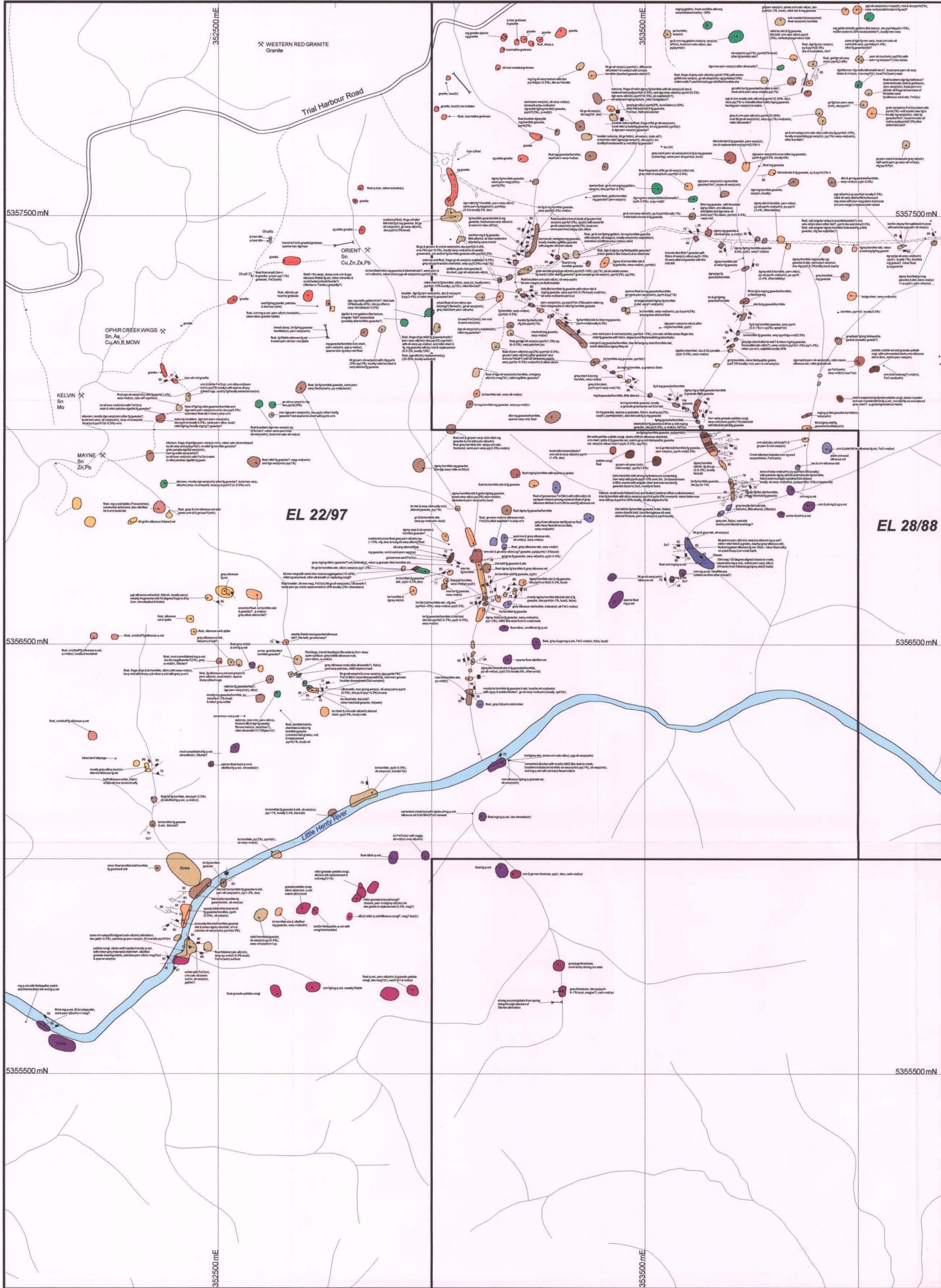
Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm
38001	1503	354701	5357836	Etu	comp	float	92	71	4	91	205
38002	1505	354699	5357912	Etmg	comp	subcrop	79	38	9	63	322
38003	1506	354704	5357956	Etmg	grab	float	176	246	72	70	331
38004	1507	354676	5357955	Etsl&fg?	comp	subcrop	83	160	88	179	105
38005	1508	354675	5357963	Etsl	grab	float	90	197	104	178	160
38006	1509	354669	5357971	Etu	comp	subcrop	79	194	74	95	38
38007	1510	354656	5357994	Etu	grab	float	30	20	22	47	87
38008	1511	354614	5358048	Etfg	comp	float	101	146	24	104	141
38009	1513	354585	5358112	Etsl/fg	grab	outcrop	298	3300	691	951	94
38010	1513.5	354585	5358112	Etu	comp	outcrop	22	7	52	62	34
38011	1514	354581	5358119	Etu	comp	subcrop	38	1505	29	284	60
38012	1515	354594	5358128	Etsl/fg & cg?	comp	subcrop	53	15	14	66	91
38013	1516	354604	5358132	Etfg/mg	comp	outcrop	103	10	4	61	250
38014	1576	354695	5357971	Etfg?	comp	float/subcrop	95	38	50	67	68
38015	1577	354702	5358221	Etmg&sl	comp	outcrop	47	35	18	45	105
38016	1578	354703	5358242	Etlg?	comp	outcrop	52	15	7	61	97
38017	1579	354703	5358268	Etfg/mg	comp	float	41	10	9	68	107
38018	1580	354701	5358387	Etsl?	comp	outcrop	53	17	10	44	107
38019	1580.5	354701	5358402	Etsl?	comp	outcrop	79	35	7	202	238
38020	1580.6	354702	5358414	Etsl?	comp	outcrop	48	161	42	177	43
38021	1580.7	354680	5358419	Etsl	grab	outcrop	45	387	34	40	146
38022	1581	354699	5358481	Etfg/mg&sl	comp	outcrop	29	28	8	59	70
38023	1582	354701	5358546	Etu	grab/comp	float	103	659	37	64	60
38024	1583	354701	5358613	Etmg&sl	comp	outcrop	45	169	10	37	50
38025	1584	354701	5358680	Etu	comp	subcrop	42	48	-3	36	111
38026	1585	354700	5358704	Etu	comp	outcrop	74	9	-3	42	96
38027	1587	354704	5358857	Etfg&sl	comp	float	26	6	15	18	88
38028	1588	354703	5358961	Esm/Esx	grab	float	184	10	8	43	1780
38029	1588	354711	5358964	Esm/Esx	grab	float	461	15	8	40	1430
38030	1591	354572	5359211	mag	comp	float	685	25	16	211	1515
38031	1592	354546	5359190	mag	comp	float	188	23	13	124	381
38032	1593	354530	5359197	Etu/Pou?	comp	outcrop	24	15	9	28	137
38033	1594	354509	5359197	Pou/Etu	grab	float	68	82	3	29	252
38034	1595	354572	5359108	Etsl?	comp	subcrop	26	26	10	16	37
38035	1596	354965	5359069	Esm/Esx	comp	outcrop	177	140	30	84	346

Burbank (Little Henty) Rock Chip Analysis

842048

Sample No.	Field No.	East (AMG)	North (AMG)	Rock Code	Sample Type	Sample Medium	Ni_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Cr_ppm
38036	1596.5	354967	5359060	Esx	grab	outcrop	117	1555	9	98	164
38037	1597	354989	5359039	Esm/Esx	comp	outcrop	1300	15	13	104	1585
38038	1598	355012	5359018	Esx?	comp	outcrop	64	34	7	313	81
38039	1599	355068	5358942	Etu	grab	float	29	8	12	68	50
38040	1600	355079	5358950	Ebagm	comp	outcrop	46	7	8	120	76
38041	1601	355100	5358948	Etsl&mg	comp	outcrop	64	83	6	90	147
38042	1603	355155	5358929	Etu	comp	float	945	10	-3	65	583
38043	1604	355141	5358946	Etu	comp	subcrop	686	5	13	85	2500
38044	1605	355104	5358986	Ebagm	comp	subcrop	149	7	6	41	277
38045	1606	355082	5359203	Ebagm	comp	outcrop	100	28	10	38	204
38046	1608	355134	5359258	Ebagm	comp	outcrop	78	11	7	43	218
38047	1612	355140	5358909	Etf&sl	comp	outcrop	69	24	4	88	64
38048	1612.5	355132	5358876	Etu	grab	outcrop	36	6	18	63	52
38049	1613	355143	5358827	Etf&sl	comp	outcrop	96	5	8	158	83
38050	1614	355147	5358808	Etf?	comp	outcrop	28	6	55	159	31
38151	1615	355149	5358770	Etf&sl	comp	outcrop	56	14	7	110	49
38152	1616	355149	5358743	Etu	comp	outcrop	94	17	-3	69	112
38153	1617	355156	5358736	Etf		o?	36	66	12	95	20

Appendix 8 Plates



LEGEND

QUATERNARY	DEVOONIAN	SILURIAN	ORDOVICIAN	CAMBRIAN	MAFIC ROCKS	ULTRAMAFIC ROCKS	PRECAMBRIAN	DEVOONIAN GRANITES
Qha	Dr	Sa	Og	Ca1	Eba	Eua	Boa	Dgr
Qhh	Ss	Sb	Oc	Ca2	Ebb	Eub	Bob	Dga
Qhr	Sg	Sd	Od	Ca3	Ebc	Euc	Boc	Dgb
	Sr	Se	Os	Ca4	Ebd	Eud	Bod	Dgc
	Ss	Sf	Op	Ca5	Ebe	Eue	Bod	Dgd
	Sg	Sg	Oq	Ca6	Ebf	Euf	Bod	Dge
	Sr	Sh	Or	Ca7	Ebg	Eug	Bod	Dgf
	Ss	Si	Os	Ca8	Ebh	Euh	Bod	Dgg
	Sg	Sj	Op	Ca9	Ebi	Eui	Bod	Dgh
	Sr	Sk	Or	Ca10	Ebj	Euj	Bod	Dgi
	Ss	Sl	Os	Ca11	Ebk	Euk	Bod	Dgj
	Sg	Sm	Op	Ca12	Ebl	Eul	Bod	Dgj
	Sr	Sn	Or	Ca13	Ebm	Eum	Bod	Dgj
	Ss	So	Os	Ca14	Ebn	Eun	Bod	Dgj
	Sg	Sp	Op	Ca15	Ebo	Euo	Bod	Dgj
	Sr	Sq	Or	Ca16	Ebn	Eun	Bod	Dgj
	Ss	Sr	Os	Ca17	Ebo	Euo	Bod	Dgj
	Sg	Ss	Op	Ca18	Ebn	Eun	Bod	Dgj
	Sr	St	Or	Ca19	Ebo	Euo	Bod	Dgj
	Ss	Su	Os	Ca20	Ebn	Eun	Bod	Dgj
	Sg	Sv	Op	Ca21	Ebo	Euo	Bod	Dgj
	Sr	Sw	Or	Ca22	Ebn	Eun	Bod	Dgj
	Ss	Sx	Os	Ca23	Ebo	Euo	Bod	Dgj
	Sg	Sy	Op	Ca24	Ebn	Eun	Bod	Dgj
	Sr	Sz	Or	Ca25	Ebo	Euo	Bod	Dgj
	Ss	01	Os	Ca26	Ebn	Eun	Bod	Dgj
	Sg	02	Op	Ca27	Ebo	Euo	Bod	Dgj
	Sr	03	Or	Ca28	Ebn	Eun	Bod	Dgj
	Ss	04	Os	Ca29	Ebo	Euo	Bod	Dgj
	Sg	05	Op	Ca30	Ebn	Eun	Bod	Dgj
	Sr	06	Or	Ca31	Ebo	Euo	Bod	Dgj
	Ss	07	Os	Ca32	Ebn	Eun	Bod	Dgj
	Sg	08	Op	Ca33	Ebo	Euo	Bod	Dgj
	Sr	09	Or	Ca34	Ebn	Eun	Bod	Dgj
	Ss	10	Os	Ca35	Ebo	Euo	Bod	Dgj
	Sg	11	Op	Ca36	Ebn	Eun	Bod	Dgj
	Sr	12	Or	Ca37	Ebo	Euo	Bod	Dgj
	Ss	13	Os	Ca38	Ebn	Eun	Bod	Dgj
	Sg	14	Op	Ca39	Ebo	Euo	Bod	Dgj
	Sr	15	Or	Ca40	Ebn	Eun	Bod	Dgj
	Ss	16	Os	Ca41	Ebo	Euo	Bod	Dgj
	Sg	17	Op	Ca42	Ebn	Eun	Bod	Dgj
	Sr	18	Or	Ca43	Ebo	Euo	Bod	Dgj
	Ss	19	Os	Ca44	Ebn	Eun	Bod	Dgj
	Sg	20	Op	Ca45	Ebo	Euo	Bod	Dgj
	Sr	21	Or	Ca46	Ebn	Eun	Bod	Dgj
	Ss	22	Os	Ca47	Ebo	Euo	Bod	Dgj
	Sg	23	Op	Ca48	Ebn	Eun	Bod	Dgj
	Sr	24	Or	Ca49	Ebo	Euo	Bod	Dgj
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	Sg	26	Op	Ca51	Ebo	Euo	Bod	Dgj
	Sr	27	Or	Ca52	Ebn	Eun	Bod	Dgj
	Ss	28	Os	Ca53	Ebo	Euo	Bod	Dgj
	Sg	29	Op	Ca54	Ebn	Eun	Bod	Dgj
	Sr	30	Or	Ca55	Ebo	Euo	Bod	Dgj
	Ss	31	Os	Ca56	Ebn	Eun	Bod	Dgj
	Sg	32	Op	Ca57	Ebo	Euo	Bod	Dgj
	Sr	33	Or	Ca58	Ebn	Eun	Bod	Dgj
	Ss	34	Os	Ca59	Ebo	Euo	Bod	Dgj
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	Ss	37	Os	Ca62	Ebn	Eun	Bod	Dgj
	Sg	38	Op	Ca63	Ebo	Euo	Bod	Dgj
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	Ss	40	Os	Ca65	Ebo	Euo	Bod	Dgj
	Sg	41	Op	Ca66	Ebn	Eun	Bod	Dgj
	Sr	42	Or	Ca67	Ebo	Euo	Bod	Dgj
	Ss	43	Os	Ca68	Ebn	Eun	Bod	Dgj
	Sg	44	Op	Ca69	Ebo	Euo	Bod	Dgj
	Sr	45	Or	Ca70	Ebn	Eun	Bod	Dgj
	Ss	46	Os	Ca71	Ebo	Euo	Bod	Dgj
	Sg	47	Op	Ca72	Ebn	Eun	Bod	Dgj
	Sr	48	Or	Ca73	Ebo	Euo	Bod	Dgj
	Ss	49	Os	Ca74	Ebn	Eun	Bod	Dgj
	Sg	50	Op	Ca75	Ebo	Euo	Bod	Dgj
	Sr	51	Or	Ca76	Ebn	Eun	Bod	Dgj
	Ss	52	Os	Ca77	Ebo	Euo	Bod	Dgj
	Sg	53	Op	Ca78	Ebn	Eun	Bod	Dgj
	Sr	54	Or	Ca79	Ebo	Euo	Bod	Dgj
	Ss	55	Os	Ca80	Ebn	Eun	Bod	Dgj
	Sg	56	Op	Ca81	Ebo	Euo	Bod	Dgj
	Sr	57	Or	Ca82	Ebn	Eun	Bod	Dgj
	Ss	58	Os	Ca83	Ebo	Euo	Bod	Dgj
	Sg	59	Op	Ca84	Ebn	Eun	Bod	Dgj
	Sr	60	Or	Ca85	Ebo	Euo	Bod	Dgj
	Ss	61	Os	Ca86	Ebn	Eun	Bod	Dgj
	Sg	62	Op	Ca87	Ebo	Euo	Bod	Dgj
	Sr	63	Or	Ca88	Ebn	Eun	Bod	Dgj
	Ss	64	Os	Ca89	Ebo	Euo	Bod	Dgj
	Sg	65	Op	Ca90	Ebn	Eun	Bod	Dgj
	Sr	66	Or	Ca91	Ebo	Euo	Bod	Dgj
	Ss	67	Os	Ca92	Ebn	Eun	Bod	Dgj
	Sg	68	Op	Ca93	Ebo	Euo	Bod	Dgj
	Sr	69	Or	Ca94	Ebn	Eun	Bod	Dgj
	Ss	70	Os	Ca95	Ebo	Euo	Bod	Dgj
	Sg	71	Op	Ca96	Ebn	Eun	Bod	Dgj
	Sr	72	Or	Ca97	Ebo	Euo	Bod	Dgj
	Ss	73	Os	Ca98	Ebn	Eun	Bod	Dgj
	Sg	74	Op	Ca99	Ebo	Euo	Bod	Dgj
	Sr	75	Or	Ca100	Ebn	Eun	Bod	Dgj

LITHOLOGICAL FEATURES

Geological boundary - accurate	Outcrop
Geological boundary - approximate	Subcrop/floor
Geological boundary - inferred	

STRUCTURE

Major Fault Zone - Highly faulted & deformed rocks with zones of cataclastic fault breccia and tectonic melange, comprising highly altered blocks and large clasts of variable lithologies (including Po, Cs, Cam and Su, major lithologies noted).		
Fault, accurate	85	Bedding, facing unknown
Fault, approximate	75	Bedding, facing known
Fault, inferred	65	Cleavage
Fault, concealed	38	Joint
Thrust fault	85	Joint - vertical
Reverse fault	75	Foliation
Fault showing dip & plunge of lineation on fault plane	20	Minor syncline, showing plunge
Vein		Minor anticline
Fold, anticline		Recumbent anticline

MINE WORKINGS

Mine	Adit	Dump
Open cut or quarry	Trench	

01_4576A

Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Allegiance Mining NL* Reid, R. EL22/1997; EL28/1988

SCALE: 1:5000 0 50 100 200 m

Allegiance Mining N.L.

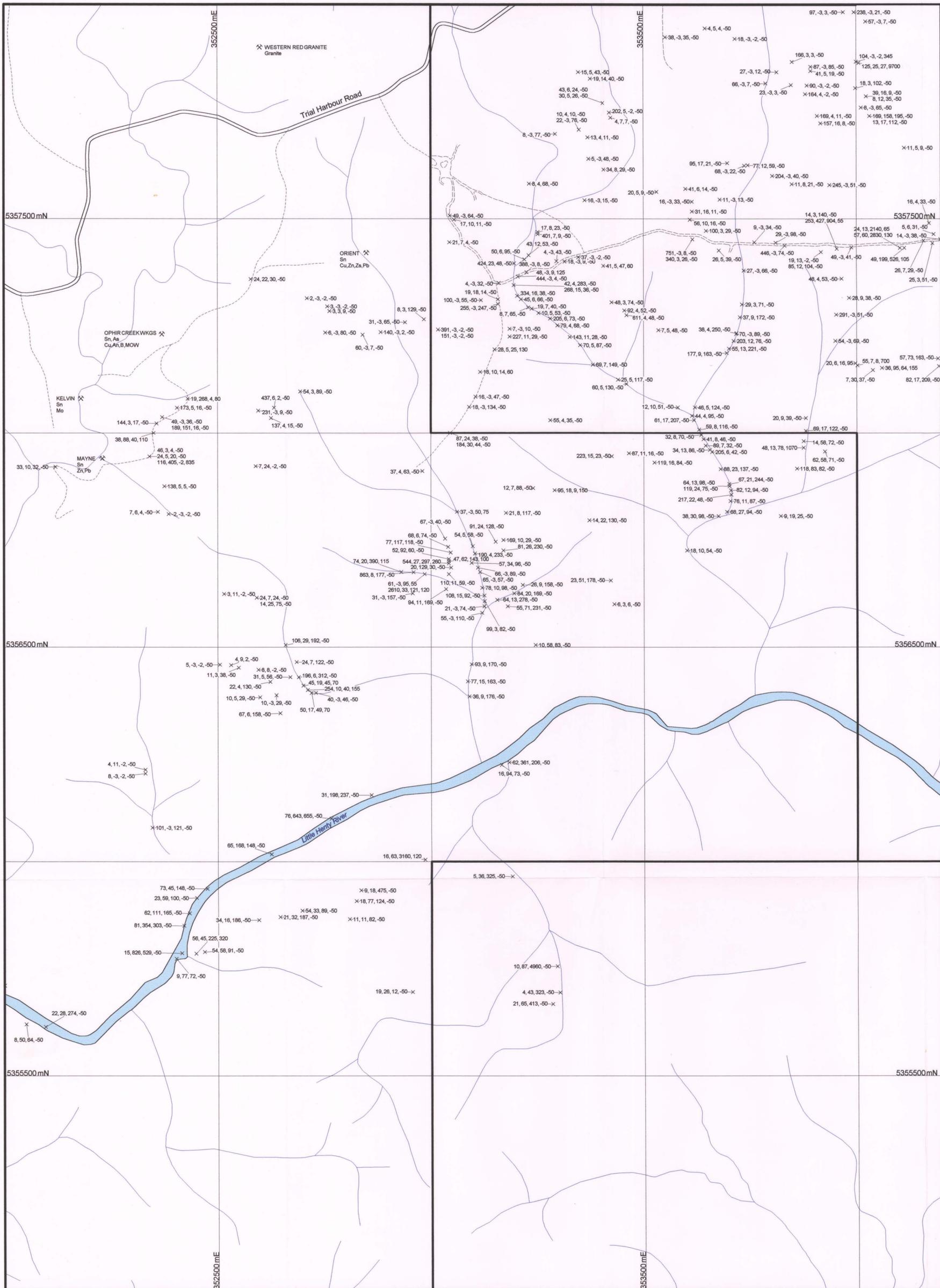
842050

WEST AVEBURY OUTCROP/FACTUAL GEOLOGY

COMPILED: Rob Reid
DATE: 06/12/00
DRAWN: G.M. Bennett
REVISIONS:

FILE: WA Outcrop 5000.wor

Newnham Exploration and Mining Services PLATE 1

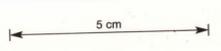


01_4576A

Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Alligance Mining NL
 Reid, R. EL22/1997; EL28/1988

KEY

x—169,10,29,-50 Cu, Pb, Zn, As assay results (in ppm)

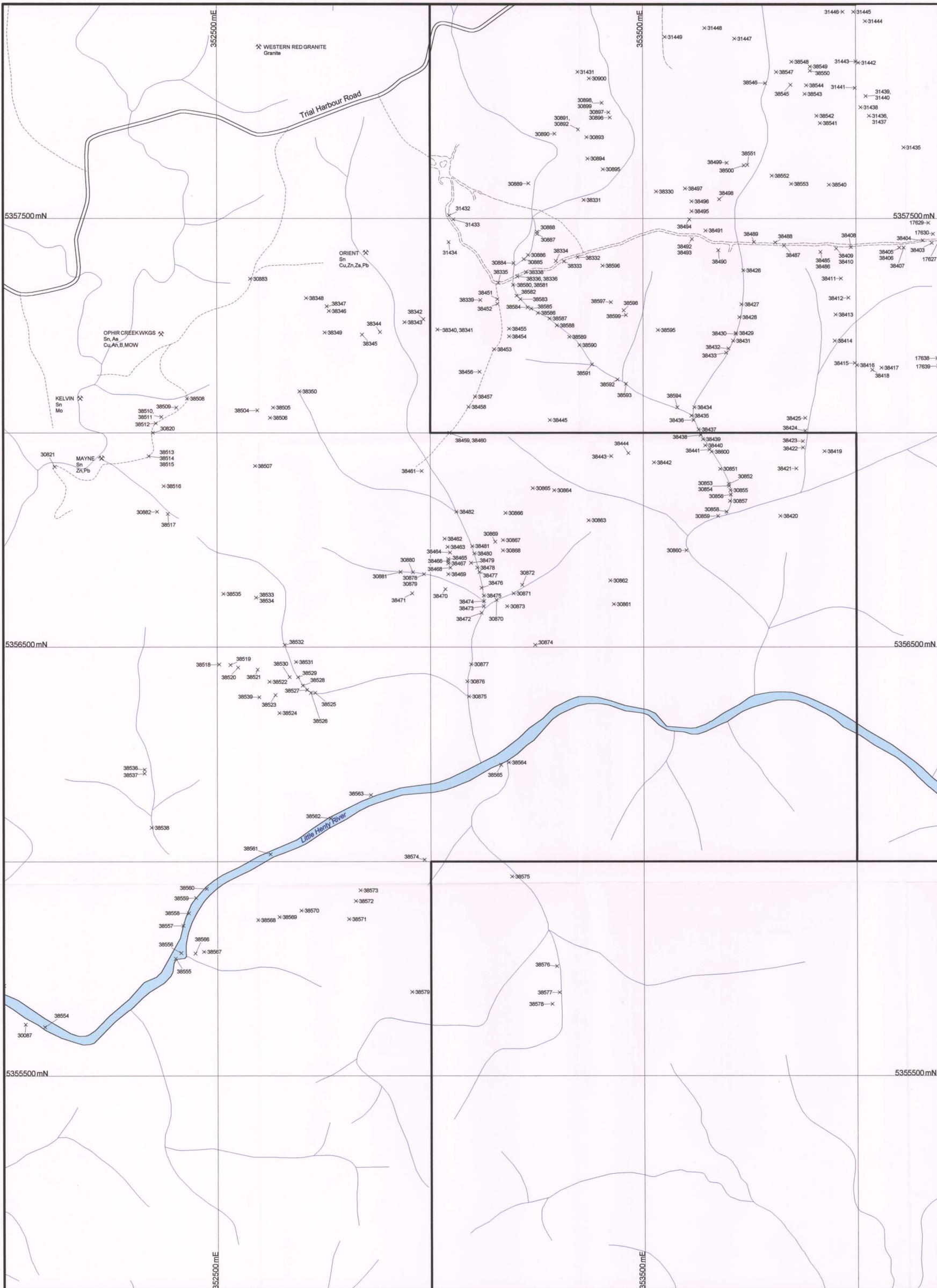


SCALE: 1:5000 0 50 100 200 m

Allegiance Mining N.L.

842053
WEST AVEBURY
ROCK CHIP GEOCHEMISTRY
Cu, Pb, Zn, As (ppm)

COMPILED: Rob Reid
 DATE: 11/07/01
 DRAWN: G.M. Bennett
 REVISIONS:
 FILE: WA RA CuPbZnAs 5000

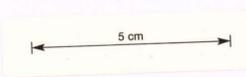


01_4576A

Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Allegiance Mining NL*
Reid, R. EL22/1997; EL28/1988

KEY

X—30883 Rock Chip Sample Number

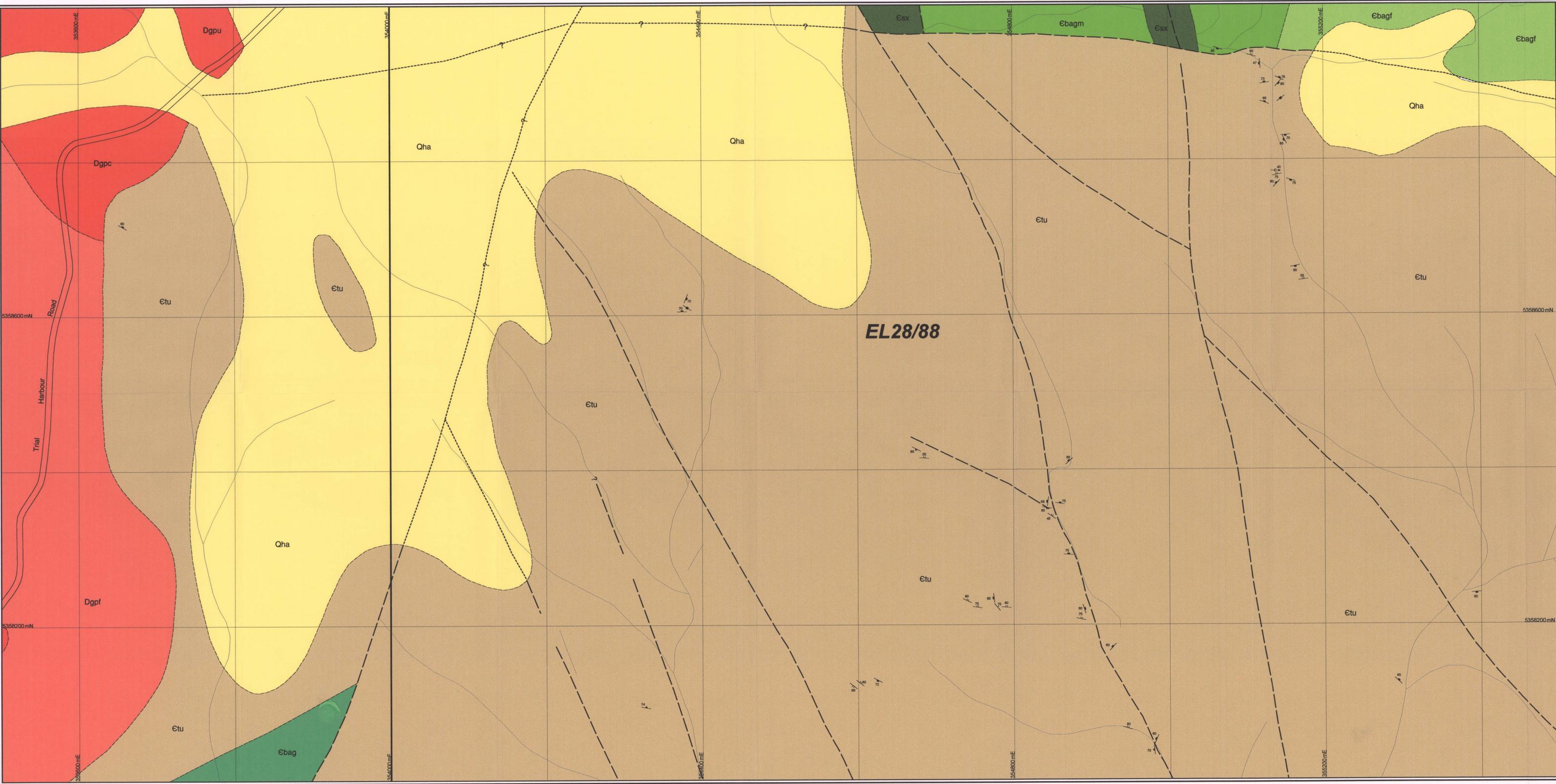


SCALE: 1:5000 0 50 100 200 m

Allegiance Mining N.L.

842054
**WEST AVEBURY
ROCK CHIP
SAMPLE LOCATIONS**

COMPILED: Rob Reid
DATE: 11/07/01
DRAWN: G.M.Bennett
REVISIONS:
FILE: WA RA Locations 5000.W



LEGEND

QUARTZITE

- Qha Alluvial quartzite
- Qha1 Locational quartzite (including re-worked material, locally buried - "black")
- Qha2 Internal distribution of quartzite (re-worked material using geology and ROC mapping)
- Qha3 Residual beach deposits

DIORITE

- Dgpc Generally fine-grained, fine-grained quartz sandstone with sub-parallel interbedded greenish grey to black grey laminated chlorite and minor interbedded fine-grained quartz sandstone (Austin Creek Station)
- Dgpc1 Generally fine-grained, fine-grained quartz sandstone (West Quartzite)
- Dgpc2 Coarse-grained, medium-grained quartz sandstone with minor quartz sandstone
- Dgpc3 Coarse-grained, medium-grained quartz sandstone with minor quartz sandstone & minor conglomerate. Coarse-grained locally
- Dgpc4 Medium to coarse-grained quartz sandstone, grey to black and minor quartz veins, commonly moderately bedded
- Dgpc5 Quartzite (Qha 20%) sandstone, medium-grained, locally being bedded
- Dgpc6 Calcareous fine bedded siltstone (Skinner?)
- Dgpc7 Undifferentiated diorite

SILTSTONE

- Esx Limestone (part of Gordon Limestone)
- Ebagm Pelitic conglomerate, minor siltstone quartz sandstone
- Ebagf Cream to light brown silty sandstone and siltstone
- Ebagp Siltstone with minor chert, white and grey calcareous beds
- Ebagq Fine grained greywacke siltstone with minor siltstone
- Ebagr Medium grained greywacke siltstone with minor siltstone
- Ebags Coarse grained greywacke siltstone
- Ebagt Lithic wackehorsts, bearing granules of greywacke and siltstone quartz
- Ebagu Conglomerate, bearing mostly pebbles size greywacke clasts, with minor siltstone quartz and siltstone clasts
- Ebagv Undifferentiated Carbonate and marl, mostly greywacke with minor siltstone and conglomerate

CONGLOMERATE

- Etaga Undifferentiated siltstone gabbro and/or basalt
- Etagb Undifferentiated basalt
- Etagc Massive siltstone, siltstone siltstone with interbedded basalt flows
- Etagd Pillowed siltstone siltstone with interbedded basalt flows
- Etagf Undifferentiated gabbro
- Etagg Fine grained gabbro
- Etagh Medium grained gabbro
- Etagi Coarse grained gabbro
- Etagj Polyphylic basaltic and/or andesitic basaltic and/or rhyolitic, rhyolitic basalt, commonly with interbedded pillow and breccia flows
- Etagk Undifferentiated ultramafic (U-M) and massive serpentinite
- Etagl Mallo gabbro, equigranular medium to coarse grained
- Etagm Mallo gabbro, spiniferous texture
- Etagn Highly foliated, medium to coarse grained gabbro
- Etago Serpentinized equigranular ultramafic siltstone
- Etagp Pseudo-conglomerate textured ultramafic
- Etagq Spiniferous textured ultramafic siltstone

ULTRAMAFIC ROCKS

- Etagr Shale (black)
- Etagt Siltstone and laminated siltstone
- Etagu Sandstone
- Etagv Quartz sandstone
- Etagw Undifferentiated sediment
- Etagx White granite/leucogranite
- Etagy Red granite
- Etagz Red granite - porphyritic
- Etagaa Quartz-rich granitoid (gabbro?)
- Etagab Alkali (leucogranite)

LITHOLOGY FEATURES

- Geological boundary - accurate
- Geological boundary - approximate
- Geological boundary - inferred
- Outcrop
- Subaqueous flow

STRUCTURE

- Map Fault Zone - highly faulted, inferred strike-slip or normal fault zone and/or zone of variable strike-slip or normal faulting (see also map of EL28/88)
- Fault, accurate
- Fault, approximate
- Fault, inferred
- Fault, concealed
- Thrust fault
- Reverse fault
- Fault showing dip & plunge of trace on half plane
- Vein
- Fault, antiform
- Mine workings
- Mine
- Operator quarry
- Bedding, facing unknown
- Bedding, facing known
- Clearance
- Joint
- Joint - vertical
- Foliation
- Microsyncline, whorling plunge
- Minor anticline
- Recurved anticline
- Adit
- Trench
- Dump

LITHOLOGY FEATURES

- Geological boundary - accurate
- Geological boundary - approximate
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- Microsyncline, whorling plunge
- Minor anticline
- Recurved anticline
- Adit
- Trench
- Dump

MINE WORKINGS

- Mine
- Operator quarry
- Adit
- Trench
- Dump

SCALE: 1:2000

0 25 50 100m

Allegiance Mining N.L.

842056

PONTIAC

GEOLOGICAL INTERPRETATION

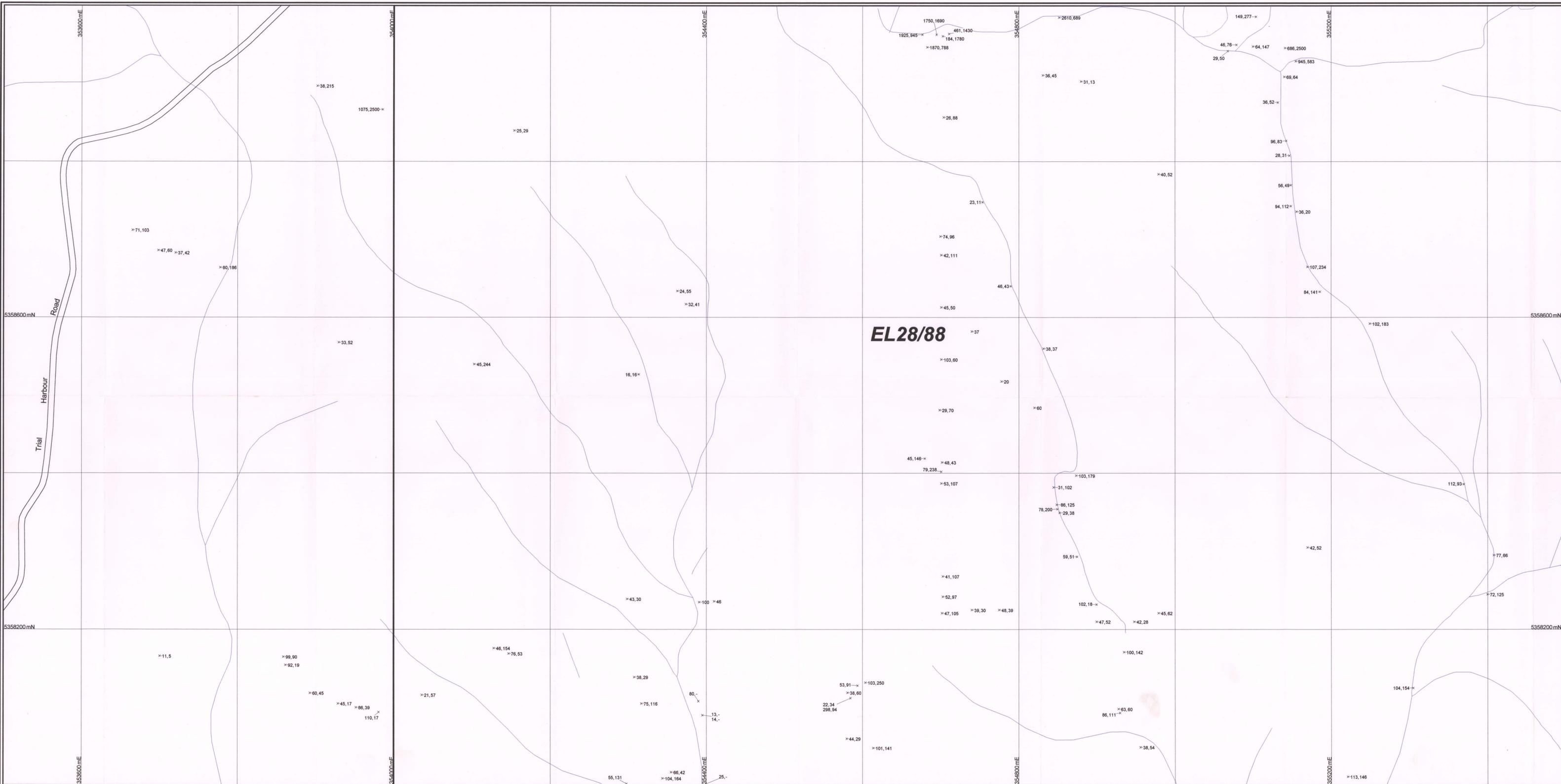
COMPILED: Rob Reid
DATE: 13/07/01
DRAWN: G.M. Bennett
REVISIONS:

FILE: Pontiac Geological Interp 2

Newnham Exploration and Mining Services PLATE 7

01_4576A

Report on Geological Mapping and Rock Chip Sampling of the West Awarbur, Pontiac and Barburk, Allegiance Mining N.L.
Rid, Pt. EL28/88, EL28/88



EL28/88

KEY
 x—112.93 Ni and Cr assay result (in ppm)



01_4576A

Report on Geological Mapping and Rock Chip Sampling of the West Avelbury, Pontiac and Burbank Allegiance Mining NL
 Reid, R. EL22/1997; EL28/1998

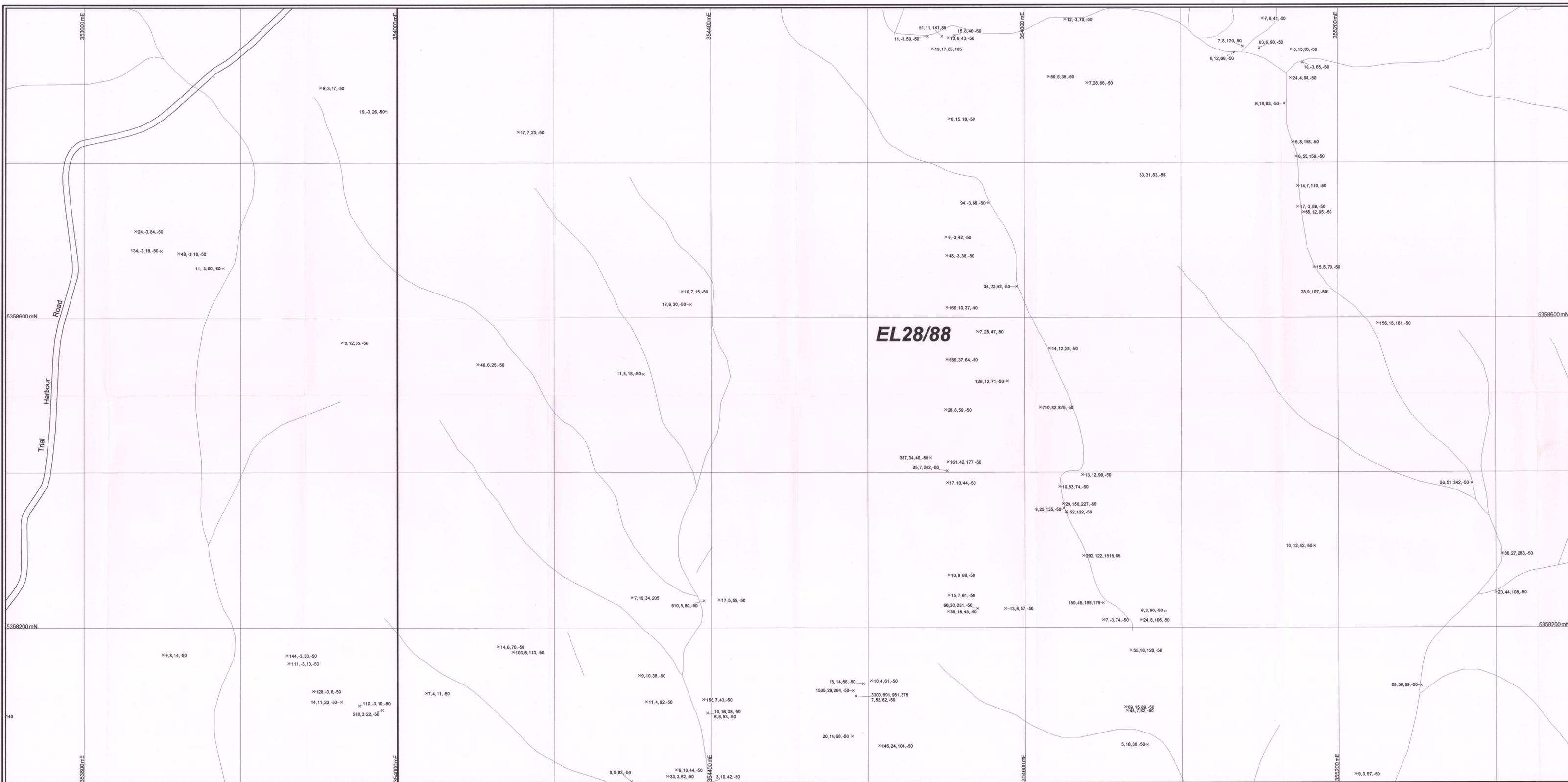
SCALE: 1:2000 0 25 50 100m

Allegiance Mining N.L.

842057
PONTIAC
ROCK CHIP GEOCHEMISTRY
Ni, Cr (ppm)

COMPILED: Rob Reid
 DATE: 10/07/01
 DRAWN: G.M. Bennett
 REVISIONS:

Newnham Exploration and Mining Services **PLATE 8**



KEY
 x—48,6,25,-50 Cu, Pb, Zn, As assay result (in ppm)



01_4576A

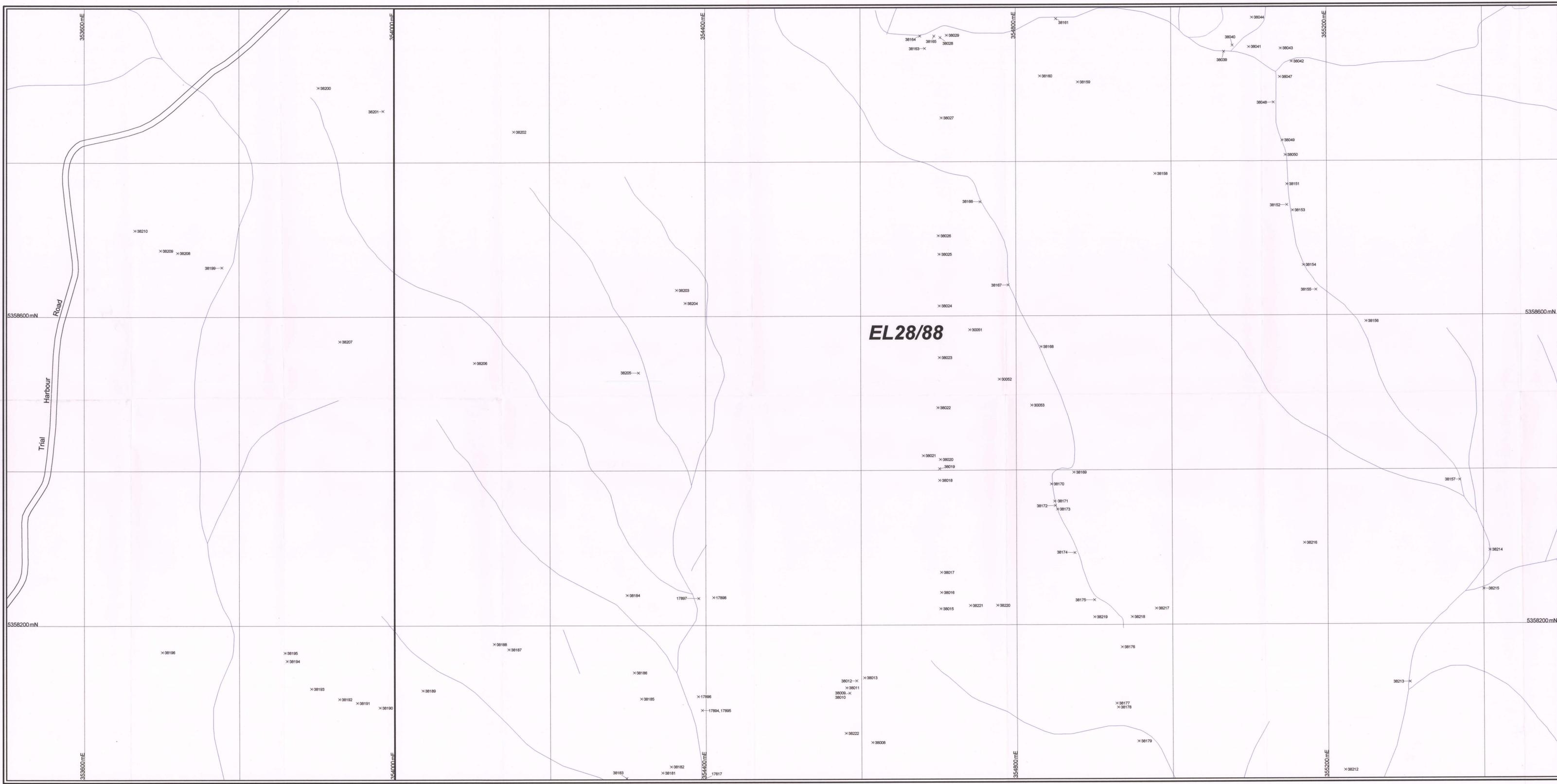
Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Alliances Mining NL*
 Reid, P. EL22/1997; EL29/1998

SCALE: 1:2000 0 25 50 100m

Allegiance Mining N.L.

842058
PONTIAC
 ROCK CHIP GEOCHEMISTRY
Cu, Pb, Zn, As (ppm)

COMPILED: Rob Reid
DATE: 10/07/01
DRAWN: G.M. Bennett
REVISIONS:



EL28/88

KEY
 X—38861 Rock Chip Sample Number

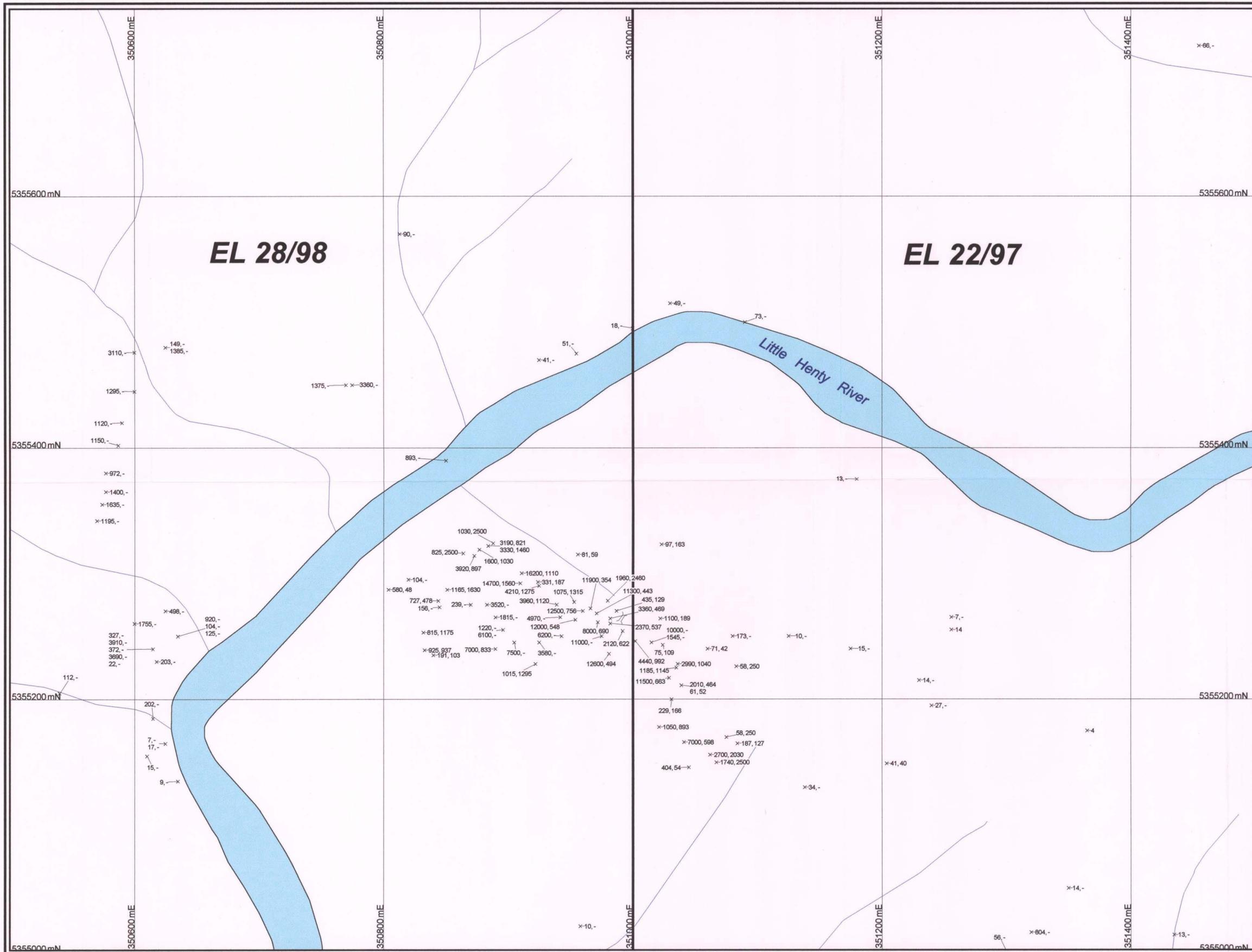


01_4576A

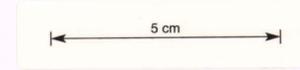
Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Allegiance Mining NL.
 Reid, R. EL22/1997; EL28/1988

SCALE: 1:2000 0 25 50 100m

<p>842059 PONTIAC ROCK CHIP SAMPLE LOCATIONS</p>	COMPILED: Rob Reid
	DATE: 10/07/01
	DRAWN: G. M. Bennett
	REVISIONS:
	FILE: PontiacRA\Locations2000
Newnam Exploration and Mining Services	



KEY



x—71,42 Ni, Cr assay results (in ppm)

01_4576A

Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Allegiance Mining NL* Reid, R. EL22/1997; EL28/1988

SCALE: 1:2000

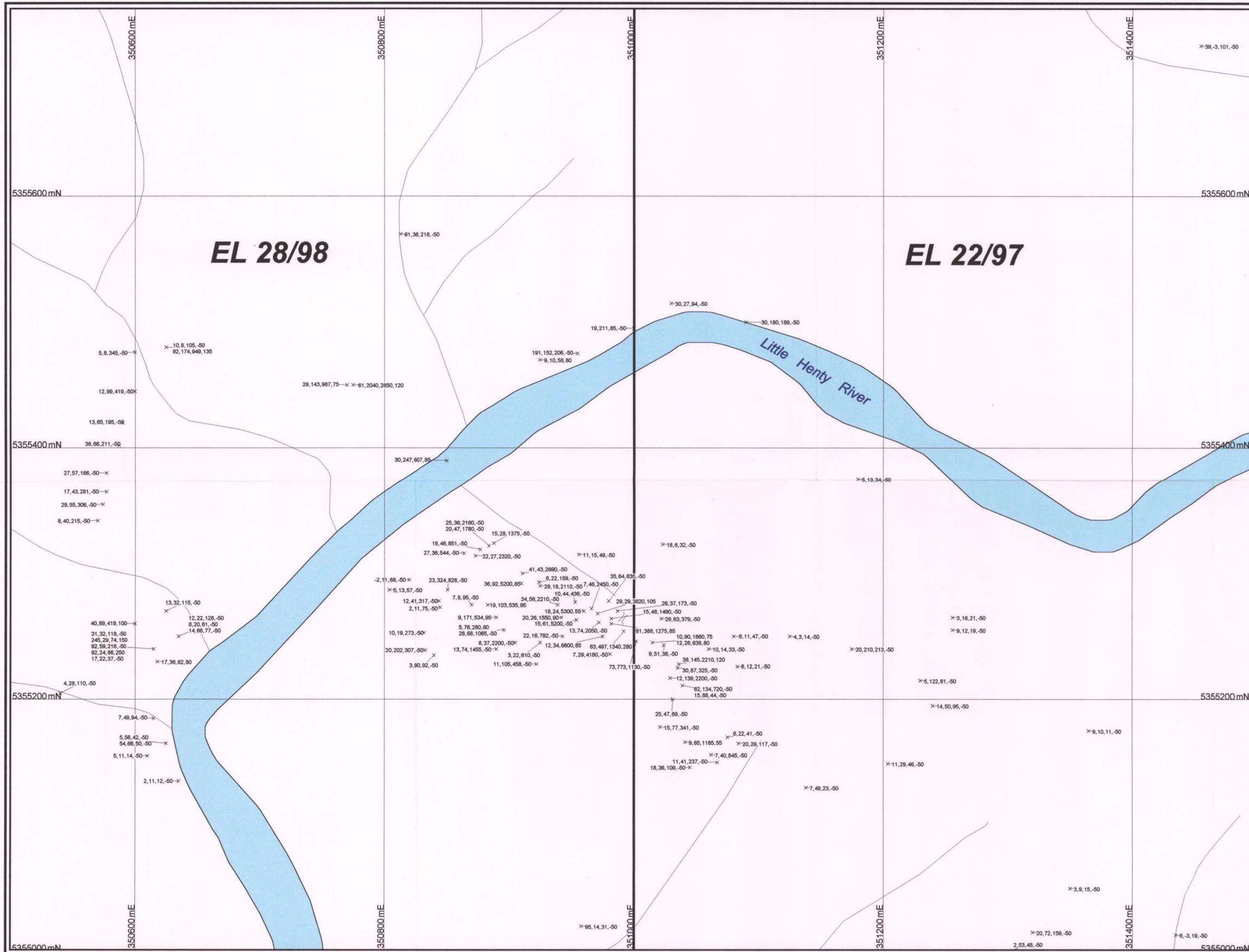


Allegiance Mining N.L.

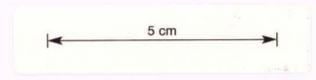
842062
BURBANK
 ROCK CHIP GEOCHEMISTRY
 Ni, Cr (ppm)

COMPILED: Rob Reid
DATE: 11/07/01
DRAWN: G.M.Bennett
REVISIONS:
FILE: LHRGNICr2000

Newnham Exploration and Mining Services PLATE 13



KEY



×—14,50,95,-50 Cu, Pb, Zn, As assay results (in ppm)

01_4576A

Report on Geological Mapping and Rock Chip Sampling of the West Avebury, Pontiac and Burbank Allegiance Mining NL*
Reid, R. EL22/1997; EL28/1988

SCALE: 1:2000 0 25 50 100 m



<p>842063 BURBANK</p> <p>ROCK CHIP GEOCHEMISTRY</p> <p>Cu, Pb, Zn, As (ppm)</p>	COMPILED: Rob Reid
	DATE: 11/07/01
	DRAWN: G.M. Bennett
	REVISIONS:
	FILE: LHRG CuPbZnAs 2000

