

MINFILE MAP 103J
PRINCE RUPERT
MINERAL OCCURRENCE MAP

Scale 1:250 000



This project is a contribution to the Canada/British Columbia Mineral Development Agreement 1985-1990.

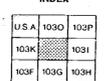
Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
Energy, Mines and Resources Canada Énergie, Mines et Ressources Canada

DATE REVISED: APRIL 1989 TOTAL NUMBER OF OCCURRENCES: 48
DATE UPDATED: APRIL 1990

LEGEND

- STATUS
- Producer
 - ⊗ Past Producer
 - ⊕ Developed Prospect
 - ⊖ Prospect
 - Showing

INDEX

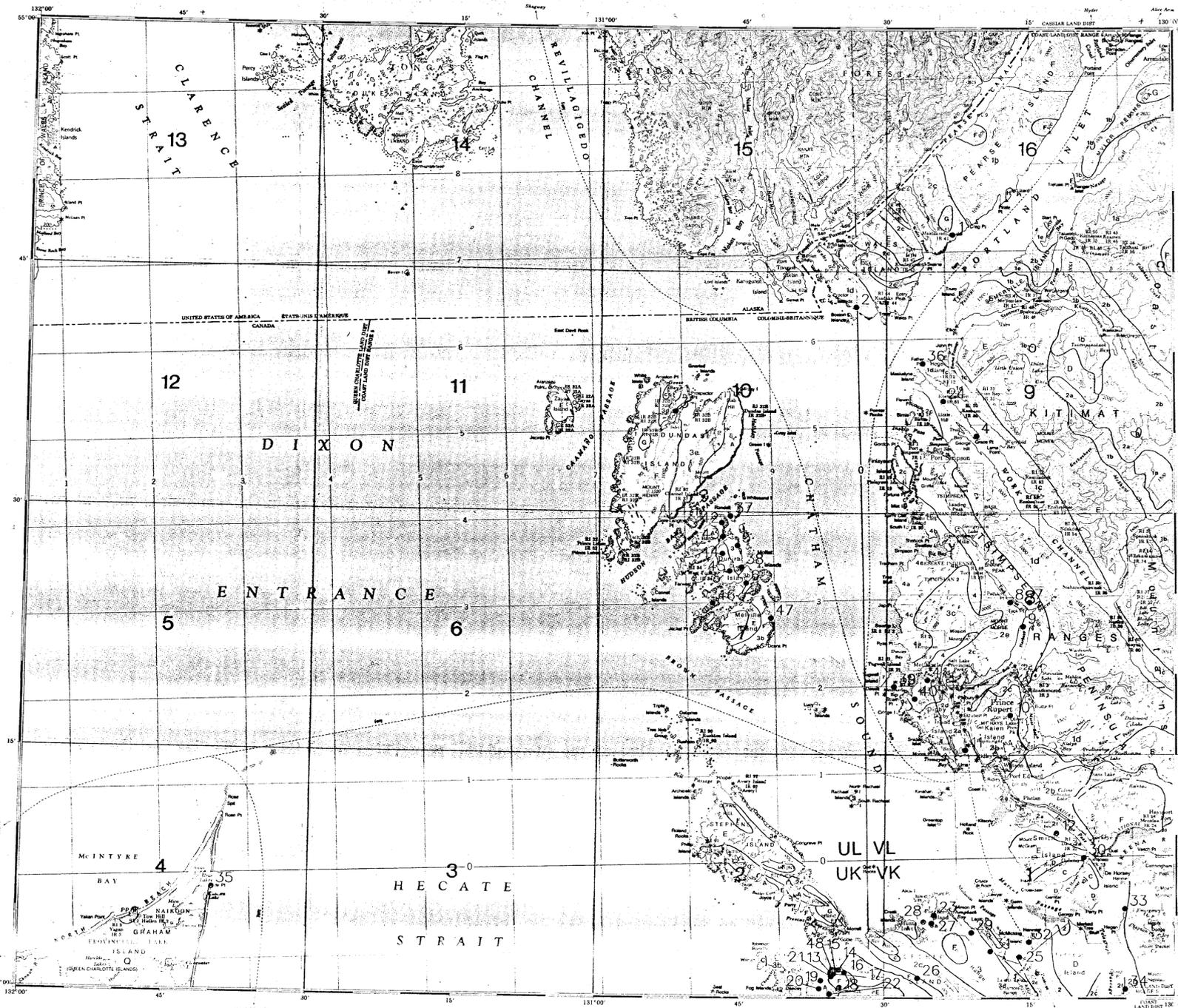


MINFILE NUMBER	NAME	COMMODITY(S)
103J001	FEARSE IS	LS
002	WALEY ISLAND	LS, Mb
003	DUNDAS ISLAND	LS, Mb
004	GRACE POINT	Zn, Pb, Cu, Ag
005	MINERAL REEF	Zn, Cu
006	KATHLEEN 3	Ag, Au, Cu
007	TUCK INLET	Ag, Au, Pb, Zn, Cu
008	ENGLESTONE	Ag, Au, Cu
009	DUMHARVET	Ag, Au, Pb, Zn, Cu
010	PRINCE RUPERT	Ag, Au, Pb, Zn, Cu
011	CLAYTON	Ag, Au, Pb, Zn, Cu
012	SMITH ISLAND	LS, Mb
013	EAGLE	LS, Mb
014	PROMISE	LS, Mb
015	EDYE PASS MINE (L.7191)	Ag, Au, Cu
016	MASCOT	Ag, Au, Cu
017	SURF POINT	Ag, Au, Cu
018	BELL MTH	Ag, Au, Cu
019	REDBIRD	Ag, Au, Cu
020	COPPER COIN	Ag, Au, Cu
021	JXL (L.6517)	Ag, Au, Cu
022	WEN	Ag, Au, Cu
023	FOR	Ag, Au, Cu
024	TSIMPEAN PENINSULA	Ag, Au, Cu
025	BALD MOUNTAIN	Ag, Au, Cu
026	ELLLOTT ISLAND	Ag, Au, Cu
027	ETIA	Ag, Au, Cu
028	ENGLESTONE	Ag, Au, Cu
029	DEVASTATION ISLAND	Ag, Au, Cu
030	FATHER POINT	Ag, Au, Cu
031	FREDERICK POINT	Ag, Au, Cu
032	HAMNER ISLAND	Ag, Au, Cu
033	STAR	Ag, Au, Cu
034	HAMNER ISLAND	Ag, Au, Cu
035	CLAYTON	Ag, Au, Cu
036	CLAYTON	Ag, Au, Cu
037	FIFE POINT	Ag, Au, Cu
038	FATHER POINT	Ag, Au, Cu
039	RANDALL ISLAND	Ag, Au, Cu
040	DUNIRIA ISLAND	Ag, Au, Cu
041	DIGBY ISLAND	Ag, Au, Cu
042	CLAM BAY	Ag, Au, Cu
043	BARON ISLAND	Ag, Au, Cu
044	DUN 9	Ag, Au, Cu
045	DUN 10	Ag, Au, Cu
046	CONDUCTOR ISLAND	Ag, Au, Cu
047	MELVILLE ZINC	Ag, Au, Cu
048	ALDER	Ag, Au, Cu

Geological Legend
STRATIFIED AND VOLCANIC ROCKS

- QUATERNARY
PLEISTOCENE AND RECENT
- 7 Non-marine and marine sand glacial deposits, alluvium
- TERTIARY (?)
- 6 Volcanic Rocks
- LATE JURASSIC
BOWSER LAKE GROUP (?)
- 5 Greywacke and argillite
- EARLY MESOZOIC (?) and/or PALEOZOIC (?)
- 4 Metasedimentary rocks of greenschist facies:
 - 4a. Black to dark grey graphitic schist;
 - 4b. Intercalated pale and dark schist;
 - 4c. Intercalated chlorite and sericite schist
 - 3 Weakly metamorphosed volcanic rocks:
 - 3a. Tuff
 - 3b. Agglomerate and volcanic breccia;
 - 3c. Rhyolite tuffs and flows;
 - 3d. Schistose metavolcanic rocks;
 - 3e. Mixed volcanic and plutonic rocks;
 - 3f. Limestone, quartzite and sericite schist;
 - 3g. Minor graphite schist (These are map-pable intercalations in the metavolcanic rocks)
 - 2 Metasedimentary rocks of amphibolite facies:
 - 2a. Rusty weathering muscovite + biotite + garnet amphibole schist; minor amphibolite and micaceous quartzite;
 - 2b. Feldspathic schist, impure quartzite and hornblende schist;
 - 2c. Dark greenish grey hornblende + biotite + garnet schist and impure quartzite with rare intercalated marble;
 - 2d. Black to dark grey graphitic schist with local interbedded conglomerate, greywacke and marble;
 - 2e. Mt. Morse felsic rocks of uncertain origin;
 - 2f. Marble
- PALEOZOIC (?)
- CENTRAL GNEISS COMPLEX
- 1a Dominantly buff grey leucogneiss and migmatite
 - 1b Dominantly grey biotite + hornblende gneiss, amphibolite, minor sillimanite + garnet gneiss;
 - 1c Work Channel amphibolite;
 - 1d Dominantly biotite hornblende gneiss, amphibolite and minor migmatite, rare biotite muscovite + garnet + kyanite schist and gneiss
 - 1e Migmatitic plutonic rock
- PLUTONIC ROCKS
- H Post volcanic (unit 6) granite
 - G Quartz monzonite, minor granodiorite
 - F Granodiorite, minor quartz diorite, quartz monzonite
 - E Quartz diorite, minor diorite, granodiorite
 - D Diorite, minor quartz diorite
 - C Gabbro and diorite
 - B Ultrabasic rock
 - A Older plutonic rocks

Geological legend and base derived from:
Hutchison, W.W. (compiler) (1979): Prince Rupert-Skeena;
Geological Survey of Canada, Map 1472A, 1:250,000.



Topographic base map produced by SURVEYS AND MAPPING
BRANCH, ENERGY, MINES AND RESOURCES CANADA.

SORTED INDICES

Commodity

MAP NO.	NAME	COMMODITIES	NTS MAP
103J008	ENGLESTONE	Ag, Au, Cu	08W
009	DUMHARVET	Ag, Au, Pb, Zn, Cu	08W
013	BALD MOUNTAIN	Ag, Au, Pb, Zn, Cu, Au	07W
014	MASCOT	Ag, Au, Cu	02E
016	PROMISE	Ag, Au, Cu	02E
017	BELL MTH	Ag, Au, Cu	02E
018	REDBIRD	Ag, Au, Cu	02E
019	EDYE PASS MINE (L.7191)	Ag, Au, Cu	02E
020	SURF POINT	Ag, Au, Cu	02E
021	JXL (L.6517)	Ag, Au, Cu	02E
022	WEN	Ag, Au, Cu	02E
048	ALDER	Ag, Au, Cu	02E
045	FIFE POINT	Ag, Au, Fe, Ti, Zr	01E
026	BALD MOUNTAIN	Cu, Au, Ag, Zn, Mo	01W
028	JITNEY	Cu, Zn, Ag, Au	01W
010	PRINCE RUPERT	Cy	08W
033	CLAYTON	Gr	01E
031	STAR	Fe, Ma	01W
007	TUCK INLET	Gr	01E
030	SMITH ISLAND	Gr	01E
041	DIGBY ISLAND	Gr	01W
024	TSIMPEAN PENINSULA	Ky	01W
003	DUNDAS ISLAND	LS	10W
040	DUNIRIA ISLAND	LS	01W
037	RANDALL ISLAND	LS	01W
038	DUNIRIA ISLAND	LS, Fe, Ma	01W
039	DEVASTATION ISLAND	LS	01W
034	CLOUD	LS, Mb	01W
036	FATHER POINT	LS, Mb	01W
011	FREDERICK POINT	LS, Mb	01W
025	ELLLOTT ISLAND	LS, Mb	01W
032	HAMNER ISLAND	LS, Mb	01E
035	FATHER POINT	LS, Mb, Fe, Ti, Zr	01E
012	SMITH ISLAND	Pb, Zn, Cu	01E
046	CONDUCTOR ISLAND	Zn, Cu, Ag, Pb	07W
047	MELVILLE ZINC	Zn, Cu, Ag, Pb	07W
006	KATHLEEN 3	Zn, Cu, Ag, Au	01W
044	DUN 10	Zn, Cu, Ag	01W
045	DUN 9	Zn, Cu, Ag, Au	01W
043	BARON ISLAND	Zn, Cu, Ag, Au	07W
042	CLAM BAY	Zn, Cu, Ag, Au	07W
041	DIGBY ISLAND	Zn, Cu, Ag, Au	07W
040	DUNIRIA ISLAND	Zn, Cu, Ag, Au	07W
039	DEVASTATION ISLAND	Zn, Cu, Ag, Au	07W
038	DUNIRIA ISLAND	Zn, Cu, Ag, Au	07W
037	RANDALL ISLAND	Zn, Cu, Ag, Au	07W
036	FATHER POINT	Zn, Cu, Ag, Au	07W
035	FATHER POINT	Zn, Cu, Ag, Au	07W
034	CLOUD	Zn, Cu, Ag, Au	07W
033	CLAYTON	Zn, Cu, Ag, Au	07W
032	HAMNER ISLAND	Zn, Cu, Ag, Au	07W
031	STAR	Zn, Cu, Ag, Au	07W
030	SMITH ISLAND	Zn, Cu, Ag, Au	07W
029	DEVASTATION ISLAND	Zn, Cu, Ag, Au	07W
028	JITNEY	Zn, Cu, Ag, Au	07W
027	ELLLOTT ISLAND	Zn, Cu, Ag, Au	07W
026	BALD MOUNTAIN	Zn, Cu, Ag, Au	07W
025	ELLLOTT ISLAND	Zn, Cu, Ag, Au	07W
024	TSIMPEAN PENINSULA	Zn, Cu, Ag, Au	07W
023	HAMNER ISLAND	Zn, Cu, Ag, Au	07W
022	WEN	Zn, Cu, Ag, Au	07W
021	JXL (L.6517)	Zn, Cu, Ag, Au	07W
020	COPPER COIN	Zn, Cu, Ag, Au	07W
019	REDBIRD	Zn, Cu, Ag, Au	07W
018	BELL MTH	Zn, Cu, Ag, Au	07W
017	SURF POINT	Zn, Cu, Ag, Au	07W
016	MASCOT	Zn, Cu, Ag, Au	07W
015	EDYE PASS MINE (L.7191)	Zn, Cu, Ag, Au	07W
014	PROMISE	Zn, Cu, Ag, Au	07W
013	BALD MOUNTAIN	Zn, Cu, Ag, Au	07W
012	SMITH ISLAND	Zn, Cu, Ag, Au	07W
011	FREDERICK POINT	Zn, Cu, Ag, Au	07W
010	PRINCE RUPERT	Zn, Cu, Ag, Au	07W
009	DUMHARVET	Zn, Cu, Ag, Au	07W
008	ENGLESTONE	Zn, Cu, Ag, Au	07W
007	TUCK INLET	Zn, Cu, Ag, Au	07W
006	KATHLEEN 3	Zn, Cu, Ag, Au	07W
005	MINERAL REEF	Zn, Cu, Ag, Au	07W
004	GRACE POINT	Zn, Cu, Ag, Au	07W
003	DUNDAS ISLAND	Zn, Cu, Ag, Au	07W
002	WALEY ISLAND	Zn, Cu, Ag, Au	07W
001	FEARSE IS	Zn, Cu, Ag, Au	07W

Name

MAP NO.	NAME	COMMODITIES	NTS MAP
103J048	ALDER	Au, Cu	03E
026	BALD MOUNTAIN	Cu, Au, Ag, Zn, Mo	01W
028	JITNEY	Ag, Au, Pb, Zn, Cu, Au	01W
018	BELL MTH	Pb, Zn, Cu	02E
017	REDBIRD	Pb, Zn, Cu	02E
033	CLAYTON	Do	01E
034	CLOUD	LS, Mb	01E
036	FATHER POINT	LS, Mb	01E
011	FREDERICK POINT	LS, Mb	01E
025	ELLLOTT ISLAND	LS, Mb	01E
032	HAMNER ISLAND	LS, Mb	01E
035	FATHER POINT	LS, Mb, Fe, Ti, Zr	01E
012	SMITH ISLAND	Pb, Zn, Cu	01E
046	CONDUCTOR ISLAND	Zn, Cu, Ag, Pb	07W
047	MELVILLE ZINC	Zn, Cu, Ag, Pb	07W
006	KATHLEEN 3	Zn, Cu, Ag, Au	01W
044	DUN 10	Zn, Cu, Ag	01W
045	DUN 9	Zn, Cu, Ag, Au	01W
043	BARON ISLAND	Zn, Cu, Ag, Au	07W
042	CLAM BAY	Zn, Cu, Ag, Au	07W
041	DIGBY ISLAND	Zn, Cu, Ag, Au	07W
040	DUNIRIA ISLAND	Zn, Cu, Ag, Au	07W
039	DEVASTATION ISLAND	Zn, Cu, Ag, Au	07W
038	DUNIRIA ISLAND	Zn, Cu, Ag, Au	07W
037	RANDALL ISLAND	Zn, Cu, Ag, Au	07W
036	FATHER POINT	Zn, Cu, Ag, Au	07W
035	FATHER POINT	Zn, Cu, Ag, Au	07W
034	CLOUD	Zn, Cu, Ag, Au	07W
033	CLAYTON	Zn, Cu, Ag, Au	07W
032	HAMNER ISLAND	Zn, Cu, Ag, Au	07W
031	STAR	Zn, Cu, Ag, Au	07W
030	SMITH ISLAND	Zn, Cu, Ag, Au	07W
029	DEVASTATION ISLAND	Zn, Cu, Ag, Au	07W
028	JITNEY	Zn, Cu, Ag, Au	07W
027	ELLLOTT ISLAND	Zn, Cu, Ag, Au	07W
026	BALD MOUNTAIN	Zn, Cu, Ag, Au	07W
025	ELLLOTT ISLAND	Zn, Cu, Ag, Au	07W
024	TSIMPEAN PENINSULA	Zn, Cu, Ag, Au	07W
023	HAMNER ISLAND	Zn, Cu, Ag, Au	07W
022	WEN	Zn, Cu, Ag, Au	07W
021	JXL (L.6517)	Zn, Cu, Ag, Au	07W
020	COPPER COIN	Zn, Cu, Ag, Au	07W
019	REDBIRD	Zn, Cu, Ag, Au	07W
018	BELL MTH	Zn, Cu, Ag, Au	07W
017	SURF POINT	Zn, Cu, Ag, Au	07W
016	MASCOT	Zn, Cu, Ag, Au	07W
015	EDYE PASS MINE (L.7191)	Zn, Cu, Ag, Au	07W
014	PROMISE	Zn, Cu, Ag, Au	07W
013	BALD MOUNTAIN	Zn, Cu, Ag, Au	07W
012	SMITH ISLAND	Zn, Cu, Ag, Au	07W
011	FREDERICK POINT	Zn, Cu, Ag, Au	07W
010	PRINCE RUPERT	Zn, Cu, Ag, Au	07W
009	DUMHARVET	Zn, Cu, Ag, Au	07W
008	ENGLESTONE	Zn, Cu, Ag, Au	07W
007	TUCK INLET	Zn, Cu, Ag, Au	07W
006	KATHLEEN 3	Zn, Cu, Ag, Au	07W
005	MINERAL REEF	Zn, Cu, Ag, Au	07W
004	GRACE POINT	Zn, Cu, Ag, Au	07W
003	DUNDAS ISLAND	Zn, Cu, Ag, Au	07W
002	WALEY ISLAND	Zn, Cu, Ag, Au	07W
001	FEARSE IS	Zn, Cu, Ag, Au	07W

NTS

MAP NO.	NAME	NTS MAP	UTM	Easting	Northing	Latitude	Longitude
103J012	SMITH ISLAND	01E	9	6002876	421478	54 10 10	132 10
030	SMITH ISLAND	01E	9	5999993	424515	54 8 40	130 9 20
032	HAMNER ISLAND	01E	9	5996363	418170	54 3 25	130 15 0
033	CLAYTON	01E	9	5994046	429162	54 5 30	130 15 0
034	CLOUD	01E	9	5988775	429000	54 0 30	130 15 0
025	ELLLOTT ISLAND	01W	9	5996055	407508	54 1 10	128 50
026	BALD MOUNTAIN	01W	9	5988583	419522	54 2 30	130 16 0
027	ETIA	01W	9	5992734	407217	54 4 35	130 25 5
028	JITNEY	01W	9	5990707	408311	54 4 40	130 25 5
029	FORCHER ISLAND	01W	9	5991565	411648	54 4 0	130 21 0
031	STAR	01E	9	5985661	413700	54 2 50	130 19 0
032	HAMNER ISLAND	02E	9	5987258	395729	54 1 30	130 35 30
033	CLAYTON	02E	9	5987555	395282	54 1 40	130 35 0
034	CLOUD	02E	9	5987555	395282	54 1 40	130 35 0
035	FATHER POINT	02E	9	5987555	395282	54 1 40	130 35 0
036	FATHER POINT	02E	9	5987555	395282	54 1 40	130 35 0
037	RANDALL ISLAND	02E	9	5987555	395282	54 1 40	130 35 0
038	DUNIRIA ISLAND	02E	9	5987555	395282	54 1 40	130 35 0
039	DEVASTATION ISLAND	02E	9	5987555	395282	54 1 40	130 35 0
040	DUNIRIA ISLAND	02E	9	5987555	395282	54 1 40	130 35 0
041	DIGBY ISLAND	02E	9	5987555	395282	54 1 40	130 35 0
042	CLAM BAY	02E	9	5987555	395282	54 1 40	130 35 0
043	BARON ISLAND	02E	9	5987555	395282	54 1 40	130 35 0
044	DUN 10	02E	9	5987555	395282	54 1 40	130 35 0
045	DUN 9	02E	9	5987555	395282	54 1 40	130 35 0
046	CONDUCTOR ISLAND	02E	9	5987555	395282	54 1 40	130 35 0
047	MELVILLE ZINC	02E	9	5987555	395282	54 1 40	130 35 0
048	ALDER	02E	9	5987555	395282	54 1 40	130 35 0
001	FEARSE IS	02E	9	6002876	421478	54 10 10	132 10
002	WALEY ISLAND	02E	9	5999993	424515		