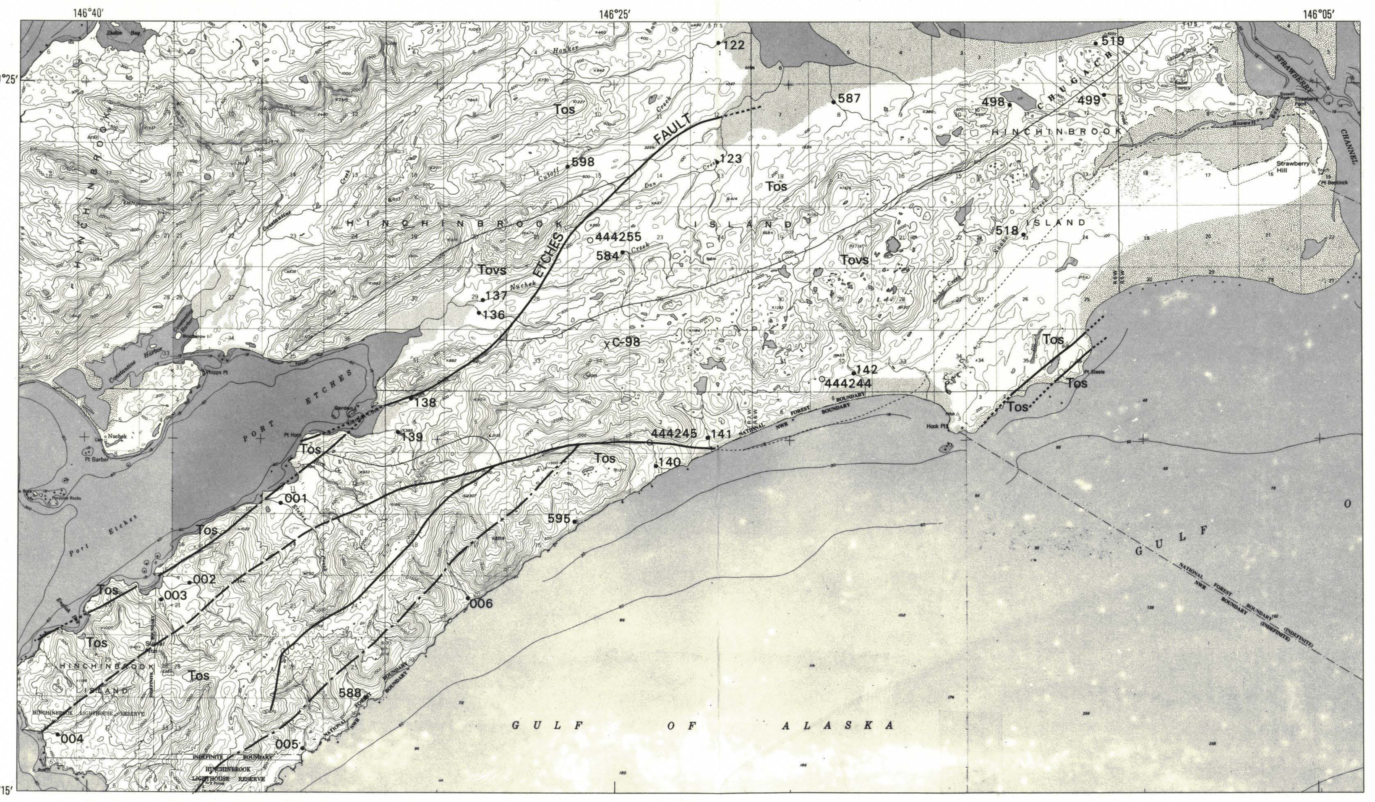

Figure 19. MAP SHOWING SAMPLE SITES FROM EASTERN HINCHINBROOK ISLAND

Tabulation for figure 19

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
001	(Ti, Ba)	Ba, La(1,000).
002	(Ni)	Ba, Zn(1,500), (Ni).
003	--	Insufficient sample.
004	(Fe, Ti, Ba, Ni)	--
005	(Ti, Ba)	(Cu).
006	(Fe, Ti, Ba)	(Ni).
122	--	Insufficient sample.
123	Ti(1), Sc, (Fe, Mg, Co, Cr, Ni, V)	(Mn).
136	Sc, (Ba, Ti)	Mg, Mn(3,000), (V).
137	Sc (Ba, Cr)	Mg(3), Ba.
138	--	Mg, (Mn, V, Zn).
139	(Ba)	Mg, (Cr, Cu, V).
140	(Ca)	Mg, Mn, (V).
141	Sc, Y, (Mg, Ti, Mn, Co)	(Mg, Cr, V).
142	Ca, Sc, (Mg, Ti, Cr, Ni)	Mg(5).
498	(Zn)	--
499	--	--
518	(Fe)	Ba, Th, (Be, Bi).
519	Mn, Co, Cu, Zn, (Fe, Mg, Ni, Cd)	Fe, Ba, Bi, Ni(300), Zn(700), (Co).
584	Fe(20), Mg(5), Ca, Co(100), Cr(1,000), Cu, Ni(200), V(500), Y, Sc (Mn, B).	B(2,000), Ba, (Ca).
587	Fe, B(150), Ni, (Ba, Co, Cr, Cu, Pb, V).	Insufficient sample.
588	(Ba, Ni)	--
595	Ba, (Fe, B)	Ba, (Be, Bi, Cu, Ni).
598	Ba, (Fe, Mn, B, Co)	Ba, Mo(100), Sr(3,000), Th, (Bi).

NURE SEDIMENT ANOMALIES

444244 U(8.3, Ni(159), Sn(19), As(49), Zr(1,369), Ca(56,470), Ce(179), Co(54), Cr(552), Dy(13), Fe(223,300), Hf(51), La(100), Lu(1.2), Mg(32,730), Mn(3,737), Sc(42), Sm(20), Ta(3), Th(28), Ti(33,550), V(983), Yb(11).
444245 Ca(67,240), Ca(189), Co(48), Cr(327), Dy(10), Eu(2.0), Fe(112,800), La(85), Lu(.8), Mg(47,280), Mn(2,590), Sc(46), Sm(13), Th(21), Ti(15,930), V(402), Yb(6.1).
444255 As, Fe(139,600), Ti (34,000).

KNOWN MINERAL OCCURRENCES (Jansons and others, 1984)

C98 Manganese-rich rock.

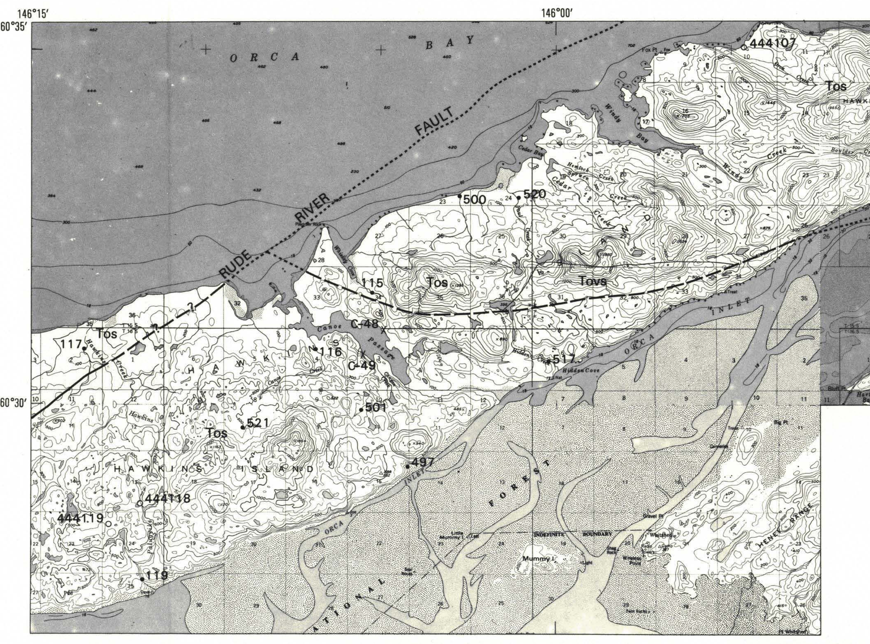

Figure 20. MAP SHOWING SAMPLE SITES FROM CENTRAL HAWKINS ISLAND

Tabulation for figure 20

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
115	Fe, Mn(>5,000), Co, Sc, Y, (Cr, Ni, V)	Insufficient sample.
116	Zn, (Mn, Pb)	Insufficient sample.
117	(Ba)	Insufficient sample.
119	(Mg, Ba, Pb)	Insufficient sample.
497	(Mg)	Pb(1,000), Sn(500).
500	--	--
501	Mn, Zn(180), Cd	--
517	Mg, Mn(5,000), Co, Ni, Zn(190), (Fe, B, Ba, Cu, V)	Insufficient sample.
520	Mn	--
521	Zn(220), Cd, (Pb)	--

NURE SEDIMENT ANOMALIES

443863 Cu, Pb(14), Co, Fe, Mn, Zn(201).
444107 As, Co, Cs(6.0), Fe, Mn(2,984), Rb(124), Zn(211).
444118 Zn.
444119 Co(103), Mn(20,600), Zn.

KNOWN MINERAL OCCURRENCES (Jansons and others, 1984)

C48 Pyrrhotite disseminated in greenstone.
C49 Shear zone in slate with reported anomalous copper values.

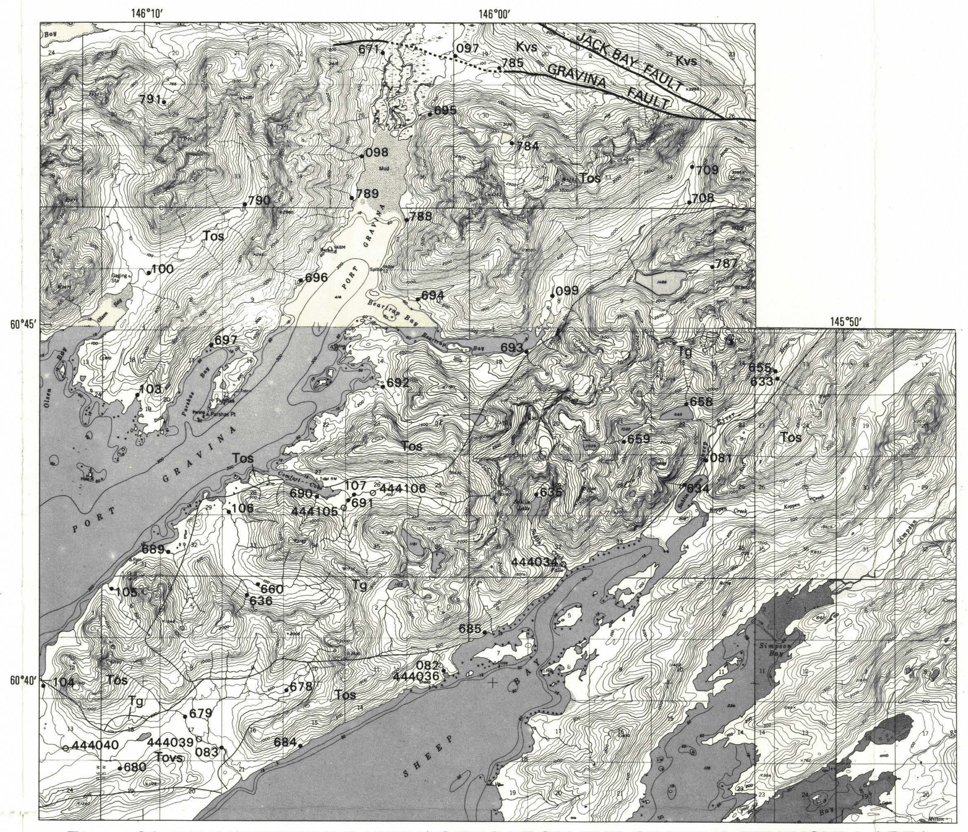

Figure 21. MAP SHOWING SAMPLE SITES FROM THE GRAVINA PENINSULA AREA

Tabulation for figure 21

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
081	La(200), (Ba)	Be(10), (Ca).
082	Ca, Ag, Cr(300), Sc, (Mg, Co, Cu, Ni, V).	(Ca).
083	La, Mo(7), Y, (Mn, Co)	Insufficient sample.
097	(Ba)	--
098	(Mg, Ba, Pb)	Insufficient sample.
099	(Ba)	Be(10), (Ca, V).
100	(Ba)	Mn, La, (Mg, V).
103	Mn(5,000), Cr(300)	Insufficient sample.
104	Mn, Zn, (Ca, Co, Ni)	(Ca).
105	As(200), Mo(5), (Pb)	Insufficient sample.
106	As(500), La, Mo(7), W(<50), (Pb)	Insufficient sample.
107	(Pb)	Insufficient sample.
633	(Fe, Ba, Co, Pb, Zr)	La, V, (Ca).
634	(Fe, Ca, Ba, Co, Pb)	Ca, Th, (V).
635	(Ba, Pb, Zr)	Ca, (V).
636	Be(7), La, Pb(100), Y(100)	La(1,500), Mo(50), Nb, W, Y(2,000), (Mn), Th(>2,000).
655	Fe, Ca, Ti(1), Mn, Ba, La(200), Y(100), Zr(1,000), (Co, Cu).	Ca, V(700).
658	Be(3), La, Zr(500), As(50), (Ca, Ba)	Ca, Mn, La, (Mg,V,Y).
659	Ba, La, (Fe, Ca, Co, Cu, Zr)	Ca, B, La(1,500), Th, (Mn, V, Y).
660	Be(3), La(200), Mo(5), Y, As(90), (Ba, Zr).	Bi(300), La(2,000), Nb, Sn(>2,000), W, (Ca, V), Y, Th(2,000).
671	Zn	W.
678	Zn, (Mn, Co, Cd)	--
679	Cr(300), As, (Ni)	--
680	Mn(5,000), Sb(<1), Cd(.7)	Ag, As, Pb(1,000), Sn(70), (Bi, Th).
684	--	Insufficient sample.
685	As	B, (Th).
689	Be(5), Y, As(190), Cd	Sn(700), Th.
690	La(150)	Sn, Th.
691	La(150), As(35)	As(10,000), Sn, Th(700), (La, Pb).
692	--	(Sn).
693	As(75), (Pb)	Sn, (Th).
694	Ag, (Cd, As)	Mo, Pb, (Sn).
695	Zn, Cd(.5), As(50)	Sn(70).
696	(Cd)	--
697	Zn, Sb(2), Cd, As	--
708	--	Sn, Th.
709	Mo, As, (Zn)	(B, Be).
784	Ag, Ba, Sr	Insufficient sample.
785	Ba(2,000), Sr, (Mn)	B(>5,000).
787	Ba, La(100), Zr(700)	Cd, Sc(100), (V, Th), Y(1,500).
788	Ag, Ba(2,000), (Fe, Ti, Mn, Co, Cr, Ni, Pb, V).	Insufficient sample.
789	Ag, Ba(2,000), Sb(2), As, (Ti, Mn, B).	Insufficient sample.
790	Ag, Ba(2,000), As, (Ti, Mn, B, Co, Cr).	Insufficient sample.
791	Ba(2,000), Sr(1,000), As(40)	Mn, B(1,500).

NURE SEDIMENT ANOMALIES

444034 U(6.5), Bi(7), W(20), Hf, Sc, Sm(8.1), Th.
444036 U(11.0), Sn(11), As(50), Hf, Sm, Th.
444039 U(18.2), Bi(5), Pb(13), As, Ce(102), Dy(12), K(24,350), La(54), Lu(.8), Rb(147), Sm(12.2), Tb, Th(23.4), Yb(6.8).
444040 U(7.6), As(57).
444105 U(35.6), As(308), Ce(159), Dy(8), Fe(101,100), La(74), Lu(.8), Sm(16), Th(21), Yb(5.5).
444106 U(29.0), Ba(1,185), Ce(151), Cs(6.9), Dy(8), K(25,960), La(86), Lu, Sm(11), Th(29), Yb(5.8), Zn.

Figure 22. MAP SHOWING SAMPLE SITES FROM THE YOUNGER TERTIARY SEDIMENTARY ROCKS ON THE MAINLAND

Tabulation for figure 22

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
030	Ba(2,000), (Ti, Ni)	Insufficient sample.
031	Sc, (Fe, Ti, B, Mn, Ba, Cu)	Insufficient sample.
032	Ag(.7), Ba(2,000), Cr(500), Mo(10), Ni, Sc, (Mg, Ti, B).	Ba, Cr(1,000), Sr(10,000).
033	Mo(5), Ni, (Fe, Ti, B, Ba, Cu, V)	Insufficient sample.
034	Zn(220), (Fe, B, Ba, Ni, V)	Insufficient sample.
035	Sc, Zn(200), (Fe, Ti, B, Ba, Co, Ni, V).	Ba, Cr, Mo(15), (Ni), Sn(100), Sr(2,000), Zn(2,000).
036	Zr(500), (Ti)	La, Sc, Sr(1,500), Y(1,500), (V).
037	(Zr)	La, Sc, Sr(1,500), Y(1,000), (Nb, V).
038	(Ti)	La, Y, (Nb, Sr, V).
039	(Fe, Ti, Ba)	Ba, La(1,000), Sr(2,000), Y(1,000), (Nb, V).
040	(Fe)	La(1,000), Nb(1,000), V(700), Y(1,000).
041	Fe, (Ti, B, Ni, V)	Zn(7,000), (Ba, Ni).
042	(Fe)	(Cr).
043	(Fe, Ti, Ba)	Insufficient sample.
044	(Fe, Ti, V)	Mn(5,000), Ba, Nb, Sc(100), Y, (Ca, Sr).
045	Ti(1), (Fe, Ni, V)	Insufficient sample.
046	Fe, (Ti, B, Ni, V)	Sn.
047	(Fe, Ti, Ni)	Insufficient sample.
048	Ti(1), Sc, V(500), (Fe, Co, Cu)	Ca, Ba, (Mg, V).
049	Fe, Ti(1), (Ni, V)	Insufficient sample.
060	(Fe, Ti, B, Ni)	Insufficient sample.
061	Sc, (Fe, Ti, B, Ni, V)	Be, Mo(70), Ni(200), Zn(700), (Fe).
062	Mn, Sc, Zn, (Fe, Ti, B, Cu, Ni)	Mg, Ca, Be, (Mn, Ni).
273	Ni, (Ti)	Insufficient sample.
274	Ni, Cd(.6), (Ti, Ba)	Insufficient sample.
275	(Ni)	Ba, Cr(500), La, Nb, Sc, V, Y, Zn(1,000), (Sr).
276	(Co, Ni, Pb)	Ba, V, Zn, (Cu, Nb, Y).
277	(Ni)	Nb(200), Sc, V, Zn, (Ca, La, Y).
278	Mo(10), (B, Co, Ni)	Insufficient sample.
279	--	--
280	(B, Co, Cu, Ni, Pb)	Insufficient sample.
281	(B, Ni, Zr)	La, V, (Y).
282	(B, Co, Cu, Ni, Pb)	Insufficient sample.
283	Cr(300), (B, Zr)	La, Sc, (Nb, Ni, Sr, V, Y).
284	(Ba, Ni, Zr)	Ba, Sc, V, (Fe, La, Ni, Sr).
285	(Zr)	(Fe, Ni, Sr).
286	(Ni)	Nb, Sc(70), V, (Th).
287	(B, Ni, Pb)	Ba, Ni, (Fe, Nb).
288	--	Ba, Cr, La, Sc(150), V, Th, (Nb, Sr, Y).
289	(Ba, Ni, Pb, Zr)	Nb, Sc(100), V, (Y).
290	Zr(700), (Ni)	Sc(150), V, Y, (Ni).
291	(Ni, Pb)	Sc, (Ca, Ni).
292	(Co, Ni, Pb)	Nb, Sc, V, (Ca).
293	(Co, Ni, Pb, Zn)	(Ca).
294	Co, Ni, Zn(170), (B, Cu, Pb)	Ba, Sr(2,000), (Ni).
295	(Ni, Pb)	Ba, Nb, (Ni).
296	Zr(500)	Sc, V, (Y).
297	Zr(500)	La, Nb(200), Sc, V, (Y).
298	Zr(500), (Cr)	La, Nb, Sc, V, Y.
315	Fe, B(150), Zn, (Ba, Cu, Ni, Pb)	Fe, Ba, Cd(50), Ni(500), Pb, Sr(1,500), (Bi, Cu, Nb).
316	Fe, Ni, Pb, Zn, (B, Co, Cu, V)	--
317	Ni, (Fe, B, Co)	Ba, (Bi).
367	(Fe, B, Co, Cr, Cu, Ni, Pb)	Ba, Cd(200), Mo(10), Ni(500), Sr(2,000), (Fe, Bi, Pb), Zn(20,000).
368	(Fe, B, Co, Ni, Pb)	Ba, Cd(500), La, Ni(700), Sr(2,000), (Fe, Bi, V, Y), Zn(>20,000).
369	(B, Cr, Ni, Pb)	Fe, Ba, Mo(10), Nb(200), Ni(700), (Be, Bi, V), Sr(2,000), Zn(2,000).
370	Ca(7), (B, Cr, Ni, Pb)	Ba, Mo, Nb(200), V, (Y), Zn(2,000).
371	(B, Co, Cr, Ni, Pb)	Mn, Ba, Nb(200), V, (Be, Ni, Y).
373	(Fe, B, Co, Cr, Cu, Ni, Pb)	Ba, Nb, Ni, Sr(3,000), V, (Y).
374	Zn(190), (Fe, B, Ba, Cr, Ni, Pb, Cd)	Ba, Cd(300), Mo(20), Ni, Sr(5,000), Zn(10,000).
376	Zn, (B, Co)	Insufficient sample.
384	(Fe, B)	Insufficient sample.
385	(B, Cr, Ni, Pb)	Zn(1,000).
386	(Fe, B, Ba, Cu, Ni)	Fe, Ag, Ba, Ni(500), Zn(2,000), (Bi, Co).
387	(B, Ba, Pb)	Insufficient sample.
388	(Fe, B, Ba, Cr, Cu, Ni, Pb)	Zn(3,000).
389	Fe, Cu, (Mg, Ti, B, Ba, Co, Cr, Ni, Pb).	Insufficient sample.
390	--	V, Zn(1,000), (Nb,Y).
391	Fe, (B, Ba, Co, Ni)	Ba, (Nb, Zn).

NURE SEDIMENT ANOMALIES

443777 U(21.1), Ni(62), W(27), Zr(5,503), Ca(61,010), Ce(344), Cr(1,004), Dy(19), Eu(4.6), Hf(256), La(205), Lu(2.8), Mn(4,873), Fe(87,040), Sc(53), Sm(26), Ta(3), Tb(3), Th(50), Ti(20,810), V(354), Yb(24).
443784 Ni(217), Ba(1,866), Co(40), Cr(343), Dy, Eu(2.4), Fe(69,100), La, Mg(34,200), Sm(8.1), Ta(3), Ti(6,253), Zn(521).

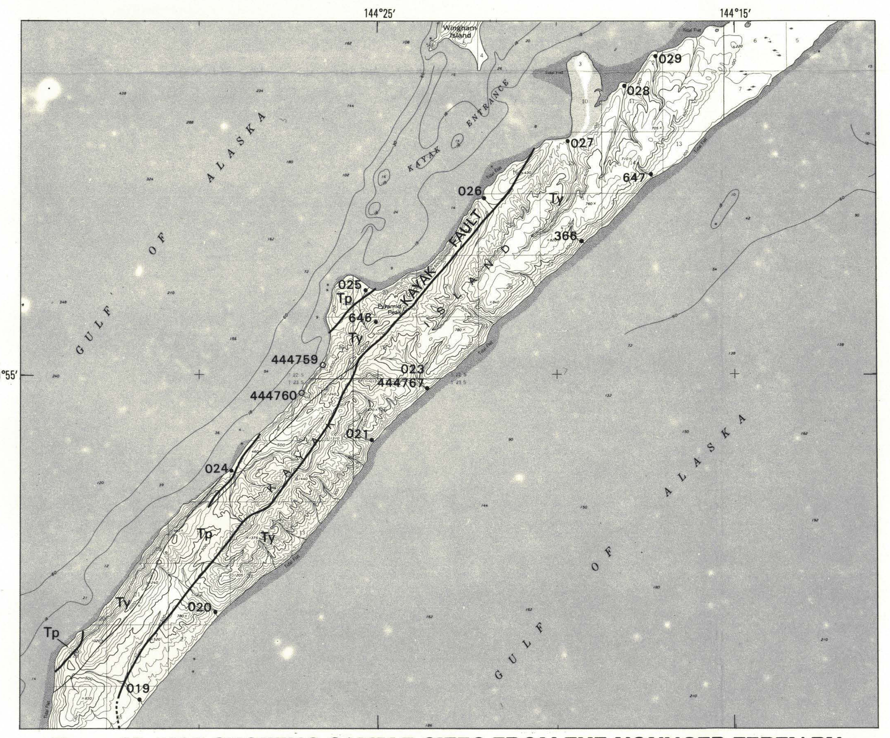

Figure 23. MAP SHOWING SAMPLE SITES FROM THE YOUNGER TERTIARY SEDIMENTARY ROCKS ON KAYAK ISLAND

Tabulation for figure 23

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
019	(Fe, Ti, B, Ba, Ni)	Ba, Cd(150), Mo(10), Zn(20,000).
020	Ti(1), Ni, Zn, (Fe, B, Ba, Cu)	Ba, Cd(100), Mo(10), Sr(5,000), Zn(20,000).
021	Ag(.5), B(150), Ba(5,000), Co, Cu, Mo(20), Ni(150), Sc, Zn, (Fe, Ti, Cr).	Ba, Sn, Sr(10,000), Zn(2,000).
023	Ba, Mo(5), Ni, (Ti, B, Cu)	Ba, Mo(20), Sr(10,000), Zn(10,000).
024	Ba, Mo, Ni, Zn(180), (Fe, Ti, B, Cu).	Ba, Cd(100), Mo(15), Sr(10,000), Zn(20,000), (Mn).
025	Zn(180), (Fe, Ti, B, Ba, Cu)	Mn, Ba, Be(20), Cd(700), Sr(3,000), Zn(>20,000), (B).
026	Ti(1), Sc, Zn, (B, Ba, Cu, Ni, V)	Ba, Sr(5,000).
027	(Ca, Zn)	Ba, Cr(500), (Nb, Sr).
028	Cr(500), Ni(150), Sc, (Fe, Ti, Ba, Co).	Ba, Cr, Sr(2,000), Zn(5,000).
029	(Fe, Ti, Ni)	Ba, Ni(1,000), Sn, (Ca, Sr).
366	(Fe, B, Co, Cr, Cu, Ni, Pb, Zr)	Fe(50), Mn, Ag, Ba, Cd(70), Cu, Mo(70), Ni(700), Sr(2,000), Zn(10,000), (Pb).
646	(Fe, B, Ba, Co, Cu, Ni, Pb, V, Cd)	(Ca, Mn, V).
647	B(150), Ni, Ba(2,000), Cu, Mo(5), Zn, Cd, (Fe, Co, Pb).	Ba, Mo(100), Ni(300), Sr(7,000), Zn(7,000), (Fe, Mn).

NURE SEDIMENT ANOMALIES

444759 Ag(6), Cd(5), W(15), As, Zr(693), Ba(9,134), Ce(133), Cr(319), Dy(8), Fe(88,800), Hf(24), La(81), Lu(1.2), Mn(2,842), Sc(31), Sm(8.1), Th(20), Yb(11).
444760 Ba(5,115).
444767 Ni(68), Ba(1,667), Zn(277).

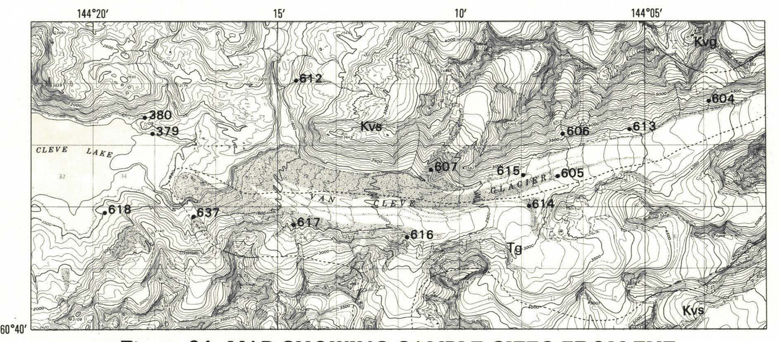

Figure 24. MAP SHOWING SAMPLE SITES FROM THE VAN CLEVE GLACIER AREA

Tabulation for figure 24

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
379	Ca, (Ba, Pb)	Ca, W, (Co).
380	(Ba)	As, Bi(50), W.
604	Ca, (Fe, Ba, Pb, Zn)	--
605	B(150), (Fe, Ca, Ba, Pb)	B, Cu(2,000).
606	La, (Ca, Ba, Pb, Zr)	--
607	Ca(5), Sr, Zr(700), (Ba, Pb)	B, (Ca).
612	(Ca, B, Ba, Pb, Zr)	(La).
613	La, (Ca, Ba, Pb, Zr)	Ca(20), (Y).
614	Ca, (Zr)	Th(700).
615	Fe, Ca(5), Cu(200), (Mg, Ba, Co, Ni, Pb).	Cu(1,000), Th, (Ca).
616	(Ca)	--
617	Ca, (Zr)	B(2,000), Cu(1,500), Th(1,000), (Ca).
618	La, Zr(500), (Ca)	(Be).
637	Zr(500), (Ca, Ti, Pb)	As, Co(500), Ni(300), Sc(100), (La, W, Y).

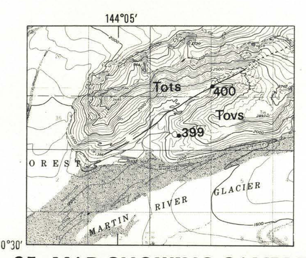

Figure 25. MAP SHOWING SAMPLE SITES NORTH OF MARTIN RIVER GLACIER

Tabulation for figure 25

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
399	Cu, Y, (Fe, Ti, B, Ba, Co, Cr, Ni, Pb).	(Zn).
400	Cu, Ni, (Fe, Ca, Ti, B, Co)	Co(500), Ni(500), Zn, (Fe, Ba, Bi).

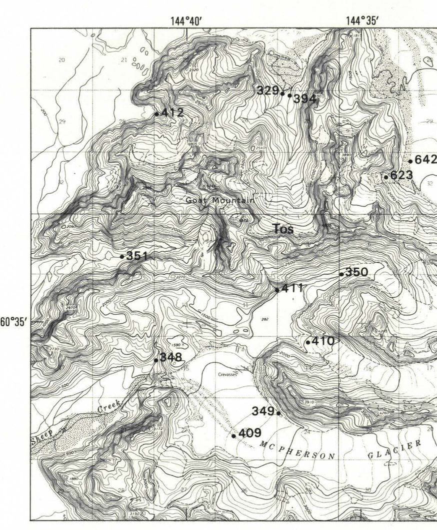

Figure 26. MAP SHOWING SAMPLE SITES FROM McPHERSON GLACIER TO GOAT MOUNTAIN

Tabulation for figure 26

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
329	La, (Ca, Ba)	Th.
348	Ni, Zn, (Fe, Ca, Ba, Cd, Co, Cu, V)	Be, (Ca).
349	(Ca, Ba, Zr)	As, Sn(100), W(2,000), (Nb).
350	(Ca, Ba, Zr)	As, Cr(500), (Ca, W).
351	Fe, (Ca, Ba, Pb, Zr)	--
394	Ba, Be(3), Cr(500), Sr, Cd, (Ca, Pb).	(Ca, B).
409	(Fe, Ba, Cu, Pb)	B, W, (Ca, Mn, Be).
410	La, (Ba)	As, (Be).
411	(Fe, Ca, Ba, Pb)	(Ca, Be, Nb, V).
412	(Fe, Ca, Ba, Pb)	As, Be, W(2,000), (Ca).
623	La, (Ca, Ba, Pb)	(As).
642	(B, Ba, Co, Cu, Ni, Pb)	Ca, Mn, V, W(2,000).

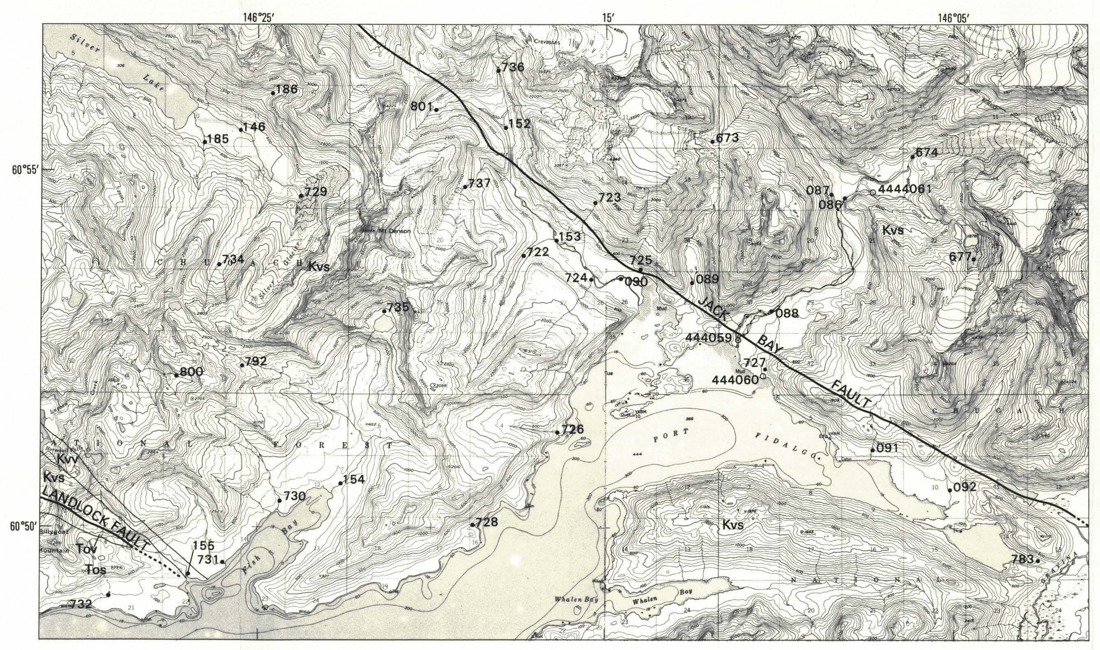

Figure 27. MAP SHOWING SAMPLE SITES IN NORTHEASTERN PORT FIDALGO

Tabulation for figure 27

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
086	(Ti, Cr, Ni)	Mg, Cr(500), Nb, (Ni).
087	--	As, La, Nb(200), Sc, V, Y(1,500), Th(700).
088	Cr(300)	Mg, Cr(2,000), Nb, (Mn, As, Ni, V).
089	(Ba)	Insufficient sample.
090	(Ba)	Nb, (Y).
091	(Ba)	Insufficient sample.
092	(Ba)	Insufficient sample.
146	Ag, (Ti, Ba, Zr)	Mn, Cr(1,000), La, Sc(70).
152	Ag, (Ba)	Sc.
153	(Ba)	Sc.
154	(Ba, Pb)	--
155	Sc, (Mn, Ba, Cr, Ni, Pb)	(Mn, Cu).
185	La, (Ca, Ba, Ni, Pb, Zr, As)	As, La(2,000), Nb, Sn(70), W(1,500), (V, Y).
186	(Ca, Ba, Ni, Pb, As)	(Nb, W).
673	(As)	B.
674	--	As(20,000), Au, Co(500), Ni(500), W, Th, (Bi, Pb).
677	--	As(20,000), Bi(70), W, Th.
722	--	Au, Cr, Mo, Sn, (Ag, Bi, Th).
723	Cd(.5), As(45)	Ag(36), As, Au(50), Cr(2,000), Pb(1,000), (Th).
724	(Cd)	Cr, Mo(10), Sn(50), Th.
725	W(<50), (As)	Cr(500).
726	--	Bi, Cr(700), Sn, (Pb, Th).
727	Cr(500)	Cr(10,000), Sn, (Th).
728	--	Cr(3,000), Sn, (Th).
729	Au(.5)	As, Cr(7,000), (Bi, Pb, Sn, Th).
730	--	Cr(10,000), (Th).
731	As, (Mn)	Ag(100), As, Au(70), Bi, Cr(2,000), Sn, (Pb,Th).
732	As, (Mn, Cd)	Sn(500), (As, Cr, Th).
734	Ag, As(60)	Mo.
735	(Cd)	Sn(70).
736	--	Ag(200), Au(200), Pb, Sn(50), (As,Bi).
737	Bi	Pb, Sn, (Th).
783	Mn(5,000), Co(100), (Fe)	Sn(>2,000), (Mn,Cr).
792	As, (Mn, Co)	Insufficient sample.
800	Sb(2), As, (B, Ba)	Insufficient sample.
801	Ba	As, Cd, (Sn, Y).

NURE SEDIMENT ANOMALIES

444059 Cr(261).
444060 Cr(264).
444061 Ni(57), Cr(341), Ta(2).

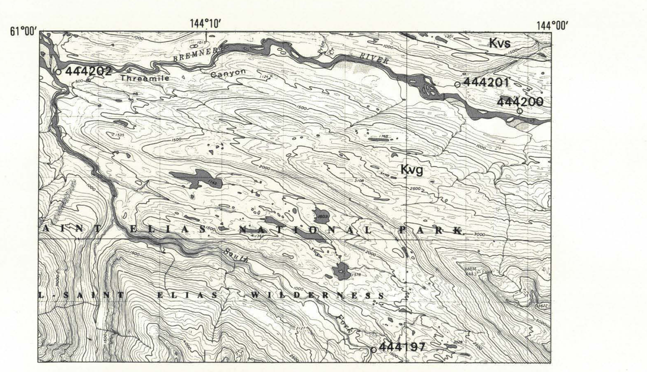

Figure 28. MAP SHOWING SAMPLE SITES WITHIN THE BREMNER RIVER WATERSHED

Tabulation for figure 28

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
444197	U(30.0), Cu(185), Ni(57), W(33), As(52), Zr(3,478), Au(.84), Ce(501), Dy(53), Eu(28), Hf(110), La(254), Lu(4.6), Mn(4,429), Sm(50), Tb(7), Th(88.9), Yb(44).	
444200	U(25,8), Zr(1,989), Au(.51), Ce(238), Dy(11), Eu(2.7), Hf(81), La(131), Lu(1.5), Sm(22), Th(42), Yb(13).	
444201	U(12.6), Zr(1,195), Ce(163), Dy(9), Hf(52), La(76), Lu(.8), Sm(17), Th(28), Yb(9.4).	
444202	U(5.9), Zr(556), Hf(19).	

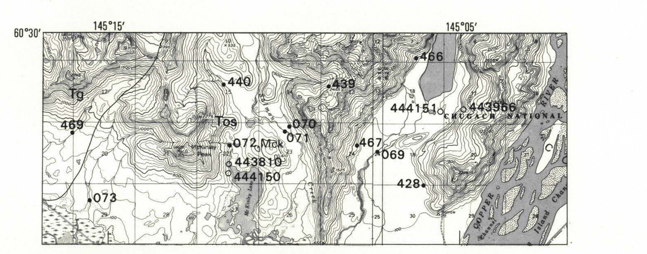

Figure 29. MAP SHOWING SAMPLE SITES IN THE McKINLEY LAKE REGION

Tabulation for figure 29

SAMPLE SITE	SEDIMENT ANOMALIES	CONCENTRATE ANOMALIES
070	Ag, Ba, (Ti, Co, Cr, Ni, Pb)	Insufficient sample.
071	(Ba)	Ba, Be(7).
072	Mo(5), (Ba)	Insufficient sample.
073	Co, Mo(5), Au(.1)	Insufficient sample.
428	Pb	(Bi).
439	Pb, Cr, As(35), (Fe, Ba, Cu, Ni)	Insufficient sample.
440	Ag(.5), Pb, (Fe, Ba, Co, Cu, Ni)	Insufficient sample.
069	(Ba)	Nb(200), (Mn, V).
466	(Pb)	Be, Th, (Bi, Nb).
467	(Pb, As)	(Be, Bi).
469	(Co)	Be(7), (W).
McK	Ag(7), As(600), Au(9), Pb(100), (Fe, B, Ba).	Ag(1,500), As(>20,000), Au(>1,000), Bi, Ni, Pb(1,500), Sb(700), (Fe, Th).

NURE SEDIMENT ANOMALIES

443810 Pb(13), As(451), Au(6.04), Co, Cs(6.7), K, Mn(2,265).
443966 Al(82,360), Ba, Co, Cr, Cs(5.4), Fe, K(23,700), Mg, Rb(88), Sb(3), V, Zn(217).
444150 Bi(5), Pb(15), As(492), Au(1.71), Co(34), Cd(6.7), Mn(2,715).
444151 Cu, (Ni), Pb(13), As(92), Cs, Rb(124), Zn(231).

NOTE

Elements in parentheses show concentrations at the 90th percentile level; all other elements listed exceed the 90th percentile. All listed concentrations exceed the 95th percentile (all values in ppm except for Fe, Ca, and Mg which are given in percent). Leader (--), no anomalous data

EXPLANATION

Symbol	Unit
Qu	**Surficial deposits**
Ty	**Yakataga Formation**
Tr	**Redwood Formation**
Tp	**Poul Creek Formation**
Tt	**Tokun Formation**
Tk	**Kulthieth Formation**
Tsu	**Stillwater Formation**
Tos	**Orca Group**—Sedimentary rocks undivided
Tov	**Orca Group**—Volcanic rocks undivided
Tovs	**Orca Group**—Interbedded sedimentary and volcanic rocks
Tots	Orca Group—Tuffaceous sedimentary rocks
Tg	**Granite and granodiorite**
Td	**Dacite**
Kvg	**Valdez Group**—Paragneiss
Kvs	**Valdez Group**—Sedimentary rocks, undivided
Kvv	**Valdez Group**—Volcanic rocks, undivided
Kvvs	**Valdez Group**—Interbedded sedimentary and volcanic rocks
Kvu	**Ultramafic rocks**

x **Mine or prospect**—Number refers to description in Jansons and others (1984)

• **Sample site (this survey)**

○ **NURE sample site**

Contact—Dotted where concealed

U/D ? **Fault**—Dashed and queried where probable; dotted where concealed; U, upthrown side, D, downthrown side; arrows indicate relative lateral movement

Lineament—Identified on aerial photograph but not on ground; possible fault

Geology modified from Winkler and Plafker (1981) and Nelson and others (1985)

SCALE 1:125 000

2 0 2 4 6 8 10 MILES

2 0 2 4 6 8 10 KILOMETERS

CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAPS AND TABULATIONS OF AREAS WITH GEOCHEMICALLY ANOMALOUS SAMPLES (FIGURES 19–29), CORDOVA AND MIDDLETON ISLAND 1° × 3° QUADRANGLES , ALASKA