

**GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT**

Coordinate N 808,942 Direction 70°
E 310,313 Inclination -60°
Elevation 4,719m Total Depth 251.0m

DDH No. IC-1

Assays					Depth		Symbol		Occurrence					Observations							
Ag (%)	Zn (%)	Pb (%)	Cu (%)	Iron (%)	1	2	3	4	5	6	7	8	9		10	11	12	13	14	15	16
					10	10				Sh	Lim		Py	blk	shd						
					143	143				Do-Ls	Lim	do	d-gry	shd		Contains calcareous parts					
					160	160				Do	Lim	do	d-gry		Cal-Sid vs						
					19.5	19.5				Sh		do	d-gry		Intercalated with MI						
					20	20				Sh	Lim	do	Py	br-gry	shd	Dolomitized					
					240	240				Sh	Lim	do	Py	d-gry							
					280	280				MI		do	Py	d-gry		Massive, lamella str.					
					30	30				Sh		do	Py	d-gry		All. of Sh-MI					
					30	30				MI		do	Py	d-gry		dolomitized generally					
					40	40															
					42.5	42.5															
					40	40															
					42.5	42.5															
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					42.5	42.5															

GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT

Coordinate N 808,755 Direction 250°
E 310,523 Inclination 75°
Elevation 4,791m Total Depth 250.4m

DDH No. IC-2

Assays					Depth Symbol					Occurrence					Observations
Lang (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str. (m)	Rock	Oxid	Alt	Min	Color	Fract			
10.003	4.20	7.66	-	-	28		Ss	Lim	Py	gry			Fine-grained		
10.032	4.79	6.08	16	-	30		Ss	Lim	Py	brn			Sandy sh		
10.009	1.52	1.72	59	-	35		Ss	Lim	Py	l-gry			Medium-grained		
12.007	0.02	1.250	12	-	40		Ss	Lim	Py	d-gry			Fine-grained		
50.007	0.02	1.411	4	-	50		Ss	Lim	Py	d-gry			Fine-grained		
50.004	0.50	1.421	4	-	55		Ss	Lim	Py	d-gry			Fine-grained		
70.032	0.03	18.45	4	-	70		Sh		Py	gry			Phyllitic		
70.032	0.03	18.45	4	-	75		Sh		Py	gry			Fine-grained		
46.146	0.02	0.50	12	-	29		Ss		Py	l-gry			Medium-grained		
46.424	0.03	0.50	84	-	32		MI	Lim	clt	Py	p-gry	shd	Intercalated with Sh		
10.592	0.02	0.40	48	-	37		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
31.186	0.02	0.40	36	-	42		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.728	0.08	0.15	48	-	43		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
50.015	0.03	0.10	12	-	44		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
80.010	0.04	0.15	8	-	46		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
80.016	1r	0.05	20	-	47		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
50.010	0.12	0.25	52	-	48		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
46.012	0.02	0.10	32	-	49		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
18.148	1r	0.15	12	-	50		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.046	0.02	10.31	20	-	51		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.018	0.20	5.713	48	-	52		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.010	0.02	30.62	56	-	53		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.013	3.76	42.58	64	-	54		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.006	4.59	27.52	8	-	55		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.010	7.56	11.41	40	-	56		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.008	1.55	4.85	28	-	57		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.002	1.84	4.13	20	-	58		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.003	0.02	2.12	-	-	59		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.004	2.96	4.03	1r	-	60		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
14.004	1.81	11.59	1r	-	61		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.004	8.70	22.54	100	-	62		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.005	17.28	20.56	140	-	63		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.006	9.52	21.17	56	-	64		MI	Lim	clt	Py	p-gry	shd	Phyllitic		

Assays					Depth Symbol					Occurrence					Observations
Lang (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str. (m)	Rock	Oxid	Alt	Min	Color	Fract			
10.003	4.20	7.66	-	-	28		Ss	Lim	Py	gry			Fine-grained		
10.032	4.79	6.08	16	-	30		Ss	Lim	Py	brn			Sandy sh		
10.009	1.52	1.72	59	-	35		Ss	Lim	Py	l-gry			Medium-grained		
12.007	0.02	1.250	12	-	40		Ss	Lim	Py	d-gry			Fine-grained		
50.007	0.02	1.411	4	-	50		Ss	Lim	Py	d-gry			Fine-grained		
50.004	0.50	1.421	4	-	55		Ss	Lim	Py	d-gry			Fine-grained		
70.032	0.03	18.45	4	-	70		Sh		Py	gry			Phyllitic		
70.032	0.03	18.45	4	-	75		Sh		Py	gry			Fine-grained		
46.146	0.02	0.50	12	-	29		Ss		Py	l-gry			Medium-grained		
46.424	0.03	0.50	84	-	32		MI	Lim	clt	Py	p-gry	shd	Intercalated with Sh		
10.592	0.02	0.40	48	-	37		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
31.186	0.02	0.40	36	-	42		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.728	0.08	0.15	48	-	43		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
50.015	0.03	0.10	12	-	44		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
80.010	0.04	0.15	8	-	46		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
80.016	1r	0.05	20	-	47		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
50.010	0.12	0.25	52	-	48		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
46.012	0.02	0.10	32	-	49		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
18.148	1r	0.15	12	-	50		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.046	0.02	10.31	20	-	51		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.018	0.20	5.713	48	-	52		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.010	0.02	30.62	56	-	53		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.013	3.76	42.58	64	-	54		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.006	4.59	27.52	8	-	55		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.010	7.56	11.41	40	-	56		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.008	1.55	4.85	28	-	57		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.002	1.84	4.13	20	-	58		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.003	0.02	2.12	-	-	59		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.004	2.96	4.03	1r	-	60		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
14.004	1.81	11.59	1r	-	61		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.004	8.70	22.54	100	-	62		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.005	17.28	20.56	140	-	63		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.006	9.52	21.17	56	-	64		MI	Lim	clt	Py	p-gry	shd	Phyllitic		

Assays					Depth Symbol					Occurrence					Observations
Lang (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str. (m)	Rock	Oxid	Alt	Min	Color	Fract			
10.003	4.20	7.66	-	-	28		Ss	Lim	Py	gry			Fine-grained		
10.032	4.79	6.08	16	-	30		Ss	Lim	Py	brn			Sandy sh		
10.009	1.52	1.72	59	-	35		Ss	Lim	Py	l-gry			Medium-grained		
12.007	0.02	1.250	12	-	40		Ss	Lim	Py	d-gry			Fine-grained		
50.007	0.02	1.411	4	-	50		Ss	Lim	Py	d-gry			Fine-grained		
50.004	0.50	1.421	4	-	55		Ss	Lim	Py	d-gry			Fine-grained		
70.032	0.03	18.45	4	-	70		Sh		Py	gry			Phyllitic		
70.032	0.03	18.45	4	-	75		Sh		Py	gry			Fine-grained		
46.146	0.02	0.50	12	-	29		Ss		Py	l-gry			Medium-grained		
46.424	0.03	0.50	84	-	32		MI	Lim	clt	Py	p-gry	shd	Intercalated with Sh		
10.592	0.02	0.40	48	-	37		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
31.186	0.02	0.40	36	-	42		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.728	0.08	0.15	48	-	43		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
50.015	0.03	0.10	12	-	44		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
80.010	0.04	0.15	8	-	46		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
80.016	1r	0.05	20	-	47		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
50.010	0.12	0.25	52	-	48		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
46.012	0.02	0.10	32	-	49		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
18.148	1r	0.15	12	-	50		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.046	0.02	10.31	20	-	51		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.018	0.20	5.713	48	-	52		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.010	0.02	30.62	56	-	53		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.013	3.76	42.58	64	-	54		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.006	4.59	27.52	8	-	55		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.010	7.56	11.41	40	-	56		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.008	1.55	4.85	28	-	57		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.002	1.84	4.13	20	-	58		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.003	0.02	2.12	-	-	59		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
20.004	2.96	4.03	1r	-	60		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
14.004	1.81	11.59	1r	-	61		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.004	8.70	22.54	100	-	62		MI	Lim	clt	Py	p-gry	shd	Phyllitic		
10.005	17.28	20.56	140	-	63		MI								

GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT

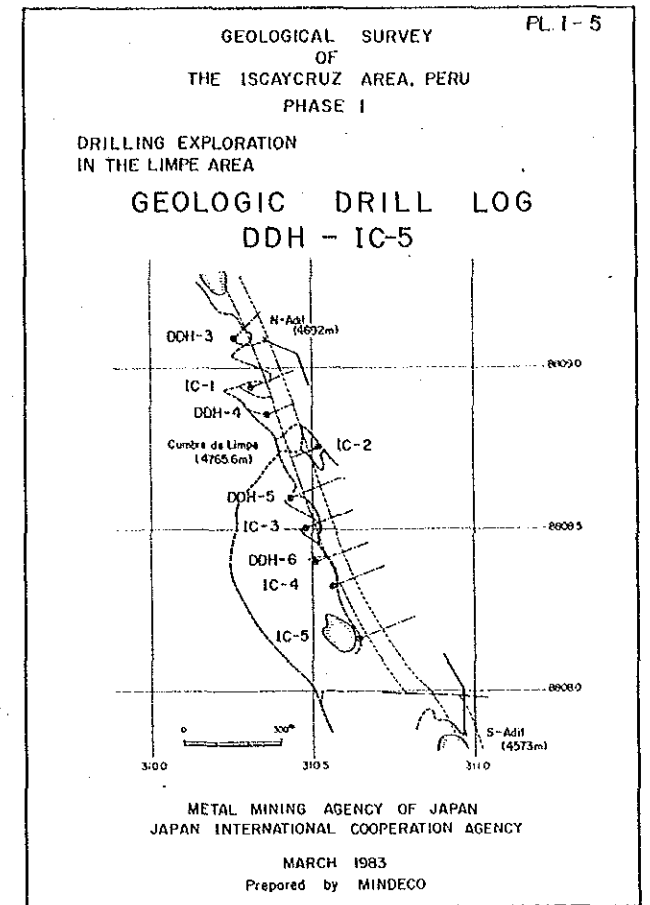
Coordinate N 808,158 Direction 70°
E 310,639 Inclination -50°
Elevation 4674m Total Depth 302.5m

DDH No. IC-5

Assays					Depth		Occurrence					Observations			
Ag (%)	Cu (%)	Pb (%)	Zn (%)	g/t	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color		Fract		
					0	0	Qlz				whl		Talus deposit		
					10	10	Sh				blk				
					12.5	12.5	Ls				l-gry				
					15.4	15.4	Ml				d-gry		Fine-alteration of Ml-Ls-Sh		
					20	20									
					230	230	Sh				blk		Phyllitic		
					284	284	Ls				l-gry		Col vs dev abundantly		
					30	30									
					380	380	Do-Ls				d-gry	fr	Fr. of 75° dip		
0.3	0.08	0.02	0.03	16	40	40	Do-Ls				d-gry	fr	40.4-40.7m: Zn vils		
					42	42	Do-Ls				d-gry	fr	Do vs. vils		
					450	450	Ml				d-gry	shd	Alteration of Sh-Ml-Ls mainly Sh Fault zone parallel to bedding		
					50	50									
					518	518	Ls				l-gry				
					560	560	Ls				l-gry	shd	Intercalated with Sh (10-50cm int)		
					60	60									
					622	622	Do-Ls				d-gry		Dolomitic Ls		
					677	677	Brc				d-gry	brc	Brecciated r. Host rs. are Ml-Sh and Do		
					70	70									
					732	732	Py-Ore				sid	Zn Cu	yel		
30	0.06	0.01	0.01	8	762	762	Py-Ore				sid	Zn Py	yel	Sid druses	
30	0.06	0.01	0.00	-	80	80									
30	0.04	0.01	0.05	28	82.2	82.2	Ald				clt do	Py	d-gry	shd	
					838	838	Sid				do-sid	Py	Spc	gr	
					862	862	Sh				clt	Py	prgy	shd	
					888	888	Spc				do	Py	Spc	blk	
34	0.08	0.01	0.30	1r	922	922	Brc				do	Spc	gr	brc	Host rs. are Do-Ls-Ml and Sh Do vs dev. Py patches diss

Assays					Depth		Occurrence					Observations				
Ag (%)	Cu (%)	Pb (%)	Zn (%)	g/t	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color		Fract			
					107.9	107.9	Ls				py	gr		Dolomitic partly		
					110	110	Ml				py	blk	fr	Alt. of Sh-Ml-Ls Py patches diss		
					116.9	116.9	Ls				do	gr		Intercalated Sh thin beds, partly dolomitic		
					120	120	Do				do	l-gry		Whl Do vs		
					123.9	123.9	Ml				do	d-gry		Alt. of Ml-Sh-Ls, dolomitized generally		
16	4.64	0.09	0.20	4	128.8	128.8	Do-Spc				chl sil	Cl-Spc	d-gry			
					130	130	Ald				chl	Cl-Spc	d-gry			
20	0.72	0.01	0.10	4	133.8	133.8	Cu-Spc				do-sid	Cl-Spc	blk			
					138	138	Ald				chl	Py Hm	p-gry			
					140	140										
					143.1	143.1	Ald				sil	lao	Py	whl	shd	
					147.4	147.4	Py-Ore				sil	clt	Py	yel	shd	Contains many druses, cavities and clay parts
42	0.20	0.01	0.10	-	150	150										
					151.1	151.1	Py-Ore				clt	sil	Py	whl	shd	
37	0.05	0.01	0.00	-	154.0	154.0	Py-Ore				sil	Py	yel			
					160	160										
					161.8	161.8	Py-Ore				clt	sil	Py	yel	shd	161.8-172.5m: mainly Py sludge Py powder-like soft clay ore with lots of druses
					170	170										
					172.5	172.5	Py-Ore				sil	Py	yel		Py massive ore contains breccias, Py druses and cavities	
					180	180										
					186.0	186.0	Py-Ore				sil	lao	Py	yel	whl	
					190	190										
74	0.10	0.01	0.00	4	196.2	196.2	Ald				sil	lao	Py	whl	shd	

Assays					Depth		Occurrence					Observations				
Ag (%)	Cu (%)	Pb (%)	Zn (%)	g/t	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color		Fract			
					2000	2000	Ald				sil	Kao	Py	whl	shd	
					2078	2078	Py-Ore				sil	Py	yel			
					210	210	Ald				sil	Py	d-gry			
10	0.13	0.01	0.20	-	220	220	Py-Ore				sil	clt	Py	yel		
					2260	2260	Ald				clt	sil	Py	yel	shd	Cc diss
10	0.16	0.01	0.05	4	2260	2260	Py-Ore				clt	sil	Py	yel	brc	Breccia of whl host rs are contained
					230	230										
10	0.08	0.01	0.05	1r	240	240	Py-Ore				clt	sil	Py	yel		Massive Py ore
					2410	2410										
10	0.06	0.01	0.00	8	250	250	Py-Ore				sil	clt	Py	yel		Cc diss
					260	260										
10	0.10	0.01	0.05	-	2680	2680	Py-Ore				sil	clt	Py	yel	brc	Breccias ore found
					270	270	Py-Ore				Py	yel			Massive Py ore Cc diss	
					280	280										
10	0.03	0.01	0.05	1r	2880	2880	Py-Ore				sil	clt	Py	yel	shd	
					290	290										
					3015	3015	Sh				sil	Py	d-gry			



LEGEND and ABBREVIATION

10. Rock: Pebble, sand, clay (Peb), Sandstone (Ss), Shale (Sh), Marl (Ml), Limestone (Ls), Dolomitic limestone (Do-Ls), Dolomite (Do), Siderite (Sid), Quartzite (Qtr), Ore, high grade, Ore, low grade, Pyrite ore (Py), Hematite ore (Hm), Skarn (Sk), Brecciated rock (Brc), Altered rock (A), Fault, fracture (F)
11. Oxidation: oxidized (oxd), limonitized (lim)
12. Alteration: dolomitization (do), calcification (cal), argillization (clt), silicification (sil), sericitization (ser)
13. Mineralization: Pyrite (Py), Pb-minerals (Pb), Zn-minerals (Zn), Oxide minerals (Oxd), Chalcopyrite (Cp), Chalcoite (Cc), Hematite (Hm), Magnetite (Mt)
14. Color: light (l), dark (d), grey (gr), black (blk), white (whl), brown (brn)
15. Fracture: Fault (F), sheared (shd), brecciated (brc)
16. Observations: dissemination (diss), veins (vs), veinlets (vls)

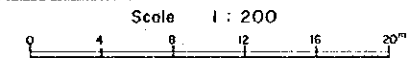
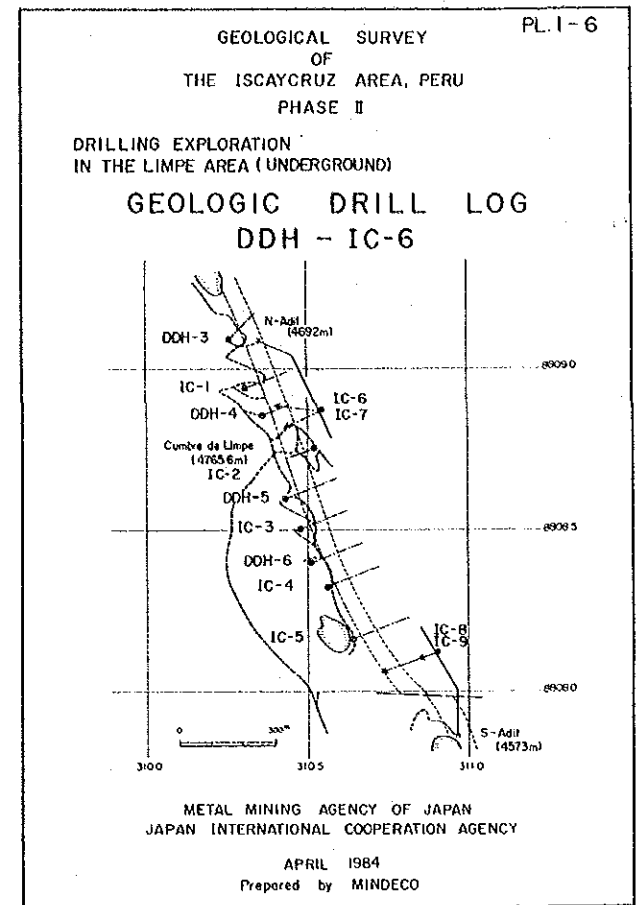
GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT

Coordinate N 8908.854 Direction 270°
E 310.528 Inclination -40°
Elevation 4,692m Total Depth 242.8m

DDH No. IC-6

Assays					Depth (m)	Symbol	Occurrence					Observations	
Ag (%)	Pb (%)	Zn (%)	Cu (%)	Fract			Color	Min	All	Ox	Rock		
13	009	002	080	—	91.2							Alt (Sh Do)	Sl - Fm
13	002	016	190	4	96.4								Zn diss ore (Dolomitic Ss). Soft, crystalline, mgd Ax. 42.003.085.527.4
12	002	280	210	4									
10	002	012	485	4									
10	001	005	241	4									

Assays					Depth (m)	Symbol	Occurrence					Observations	
Ag (%)	Pb (%)	Zn (%)	Cu (%)	Fract			Color	Min	All	Ox	Rock		
13	004	002	351	4	82.2								Wht - Sid network. Gypsum v is determined (181m). Pyrrhotite massive ore. Existence of Sid is confirmed by X-ray Sid vs B druses. (185m). Zn diss.
16	004	002	020	20									
16	003	003	030	1r									
09	001	075	391	1r									
16	002	002	060	4									2003 m. end



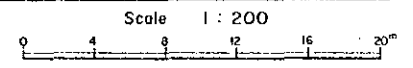
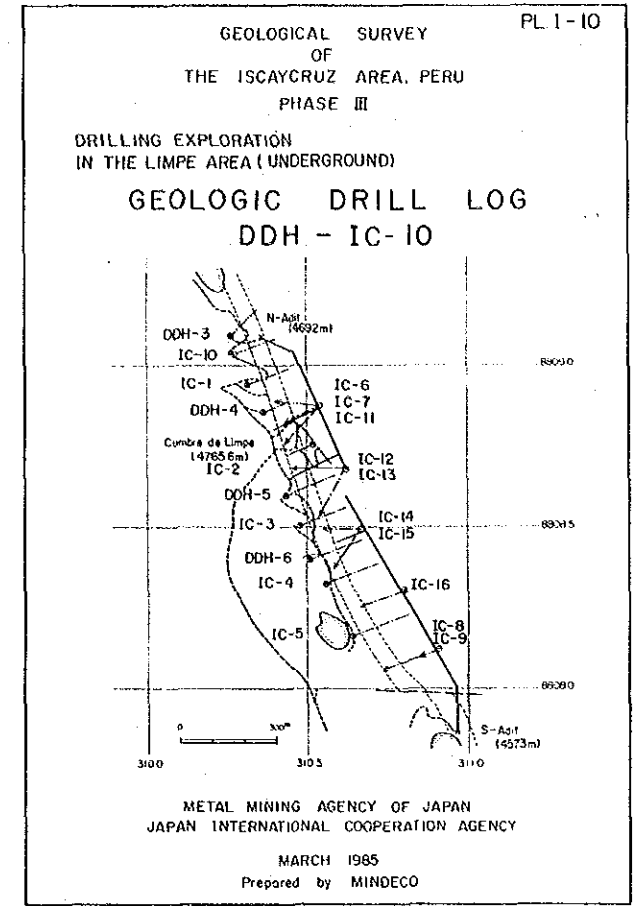
LEGEND and ABBREVIATION

10. Rock:	Pebble, sand, clay	Peb	
	Sandstone	Ss	
	Shale	Sh	
	Mari	Ml	
	Limestone	Ls	
	Dolomitic limestone	Do - Ls	
	Dolostone	Do	
	Siderite	Sid	
	Quartzite	Qlz	
	Ore, high grade		
	Ore, low grade		
	Pyrite ore	Py	
	Hematite ore	Hm	
	Skarn	Sk	
	Brecciated rock	Brc	
	Altered rock	A	
	Fault, fracture	F	
11. Oxidation:	oxidized	oxd	
	limonitized	lim	
12. Alteration:	dolomitization	do	
	calcification	cal	
	argillization	arg	
	silicification	sil	
	sericitization	ser	
13. Mineralization:	Pyrite	Py	Chalcopyrite Cp
	Pb-minerals	Pb	Chalcocite Cc
	Zn-minerals	Zn	Hematite Hm
	Oxide minerals	Oxd	Magnetite Mt
14. Color:	light	l	black blk
	dark	d	white wht
	grey	gry	brown brn
15. Fracture:	Fault	F	
	sheared	shd	
	brecciated	brc	
16. Observations:	dissemination	diss	
	veins	vs	
	veinfels	vis	

Assays					Depth Symbol					Occurrence					Observations
Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color	Fract			
					62		Ss							16	
					91		Ss	lim		Py	d-gry				
					109		Sh				blk	shd		Sh: phyllitic	
					140		Ss		col	Py	p-gry				
					140		Ss								
					140		MI	lim		Py	gry				
					190		Sh		col	Py	blk	shd		Phyllitic	
					220		MI							25.1-25.5m : Do-Ls 25.5-26.1m : MI	
					279		MI			Py	d-gry			Col vs	
					300		Sh				blk	shd			
					330		MI			Py	d-gry				
					360		MI								
					400		MI								
					420		MI								
					420		MI		col		gry			All (MI - Sh - Do)	
					460		Sh				blk	F			
					460		Sh				blk	p-gry	shd	All (Sh - MI)	
					500		Do			Py	blk			52.8m : wht - Do vs	
					529		MI								
					536		MI			Py	gry				
					572		MI		clay			shd		Brcs are contained	
					600		Clay		clay	Py	d-gry	F			
					616		Brc								
					640		MI			Py	p-gry	shd			
					657		Clay		clay		p-brn	F			
					665		MI				l-gry				
					680		Sh		clay		d-gry	shd			
					700		Sh		col	Py	blk				
					717		Clay		clay						
					721		Ss		col		l-gry				
					747		Sh			Py	d-gry	shd		Phyllitic	
					800		Alt		col	Py	l-gry			All (Ss - MI - Sh)	
					826		Sh			Py	blk	shd		Phyllitic	
					866		Pb-Cu			Py-Cu	yel			Cz - Fm	
12.001	0.01	0.01	0.32	12	880		Do			Py-Pb	gry			Wht-Do vs	
					900		Sh		clay		gry	shd			
					917		Do			Py	gry	blk			
13.001	0.07	0.21	30		917		Fy								
					980		Sh		clay	Py		shd			

Assays					Depth Symbol					Occurrence					Observations
Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color	Fract			
					1060		Do			Py	gry			Do intercalated with thin Sh.	
					1074		Sh			clay		blk	F		
					110		Do								
					1123		Ls								
					1132		Sh			do		blk	shd		
					1147		Do			do	Py	p-gry			
					120		Sh			clay		blk	F		
					1224		Do			do		brn			
					130		Ls		Lim	do	Py	l-gry			
					1327		Do			Lim	do	Py	brn	shd	
					1353		Sh		Lim	do	Py	brn	F		
					1372		Do		clay	do	Py	brn			
					1443		Clay		Lim			brn	F		
42	0.15	0.22	100	10	1451		Sid		Lim	do	Hm	brn	shd		
24	0.02	0.05	0.60	4	1500		Do		Lim	do	clay	blk	shd	Do with Sh	
1.0	0.96	0.02	0.16	5	1517		Hm			Hm	brn			Porus silicified Cp-Py ore	
					1525		Ore		sil	Cp-Py	whl				
47	0.08	0.07	0.11	6	1527		Ore		sil	Cp-Zn	whl				
					1566		Do-ore		sil	Cp-Hm	blk				
					1600		Do-ore		clay	Hm-Cu	blk				
					1616		Py		sil	Py	yel			Cc. diss in druse	
21	0.15	0.02	0.20	10	1633		Cu								
					1654		Spc		clay	Spc	blk	shd			
20	0.02	0.03	0.18	4	1668		Hm			Hm					
20	0.02	0.07	0.36	3	1700		Sh								
20	1.57	0.02	0.07	8	1725		Sh			clay	Py	blk	shd		
20	0.03	0.02	0.35	5	1745		Do			do	l-gry				
28	0.01	1.42	0.70	38	1775		Do							180.3m shd	

Assays					Depth Symbol					Occurrence					Observations
Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color	Fract			
					210									16	
					220										
					230										
					240										
					250										
					260										
					270										
					280										
					290										



LEGEND and ABBREVIATION

10. Rock	Pebble, sand, clay Sandstone Shale Marl Limestone Dolomitic limestone Dolostone Siderite Quartzite Ore, high grade Ore, low grade Pyrite ore Hematite ore Skorn Brecciated rock Altered rock Fault, fracture	Peb Ss Sh MI Ls Do-Ls Do Sid Qtz Ore Py Hm Sk Brc Ald F	
11. Oxidation	oxidized limonitized	oxd lim	
12. Alteration	dolomitization calcification argillization silicification sericitization	do col clay sil ser	
13. Mineralization	Pyrite Pb-minerals Zn-minerals Oxide minerals	Py Pb Zn Oxd	Chalcoprite Cc Hm Mg Spc
14. Color	light dark pale	l- d- p-	gray wht brn
15. Fracture	Fault sheared brecciated	F shd brc	
16. Observations	dissemination veins veintets	diss vs vis	

GEOLOGIC DRILL LOG
ISCAICRUZ PROJECT

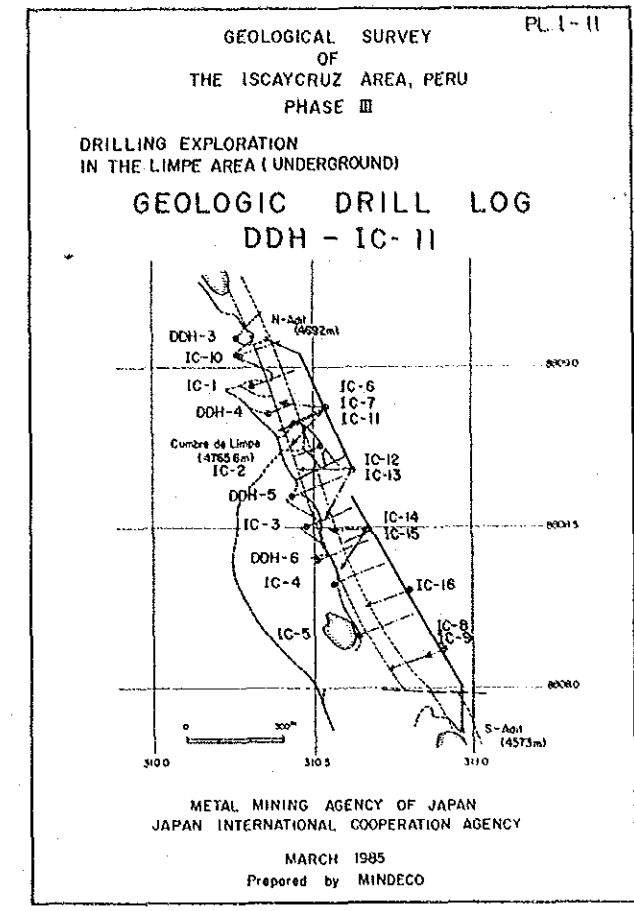
Coordinate N 8809.868 Direction 225°
E 310.558 Inclination -40°
Elevation 4.692m Total Depth 221.1m

DDH No. IC-11

Assays					Depth Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str (m)	Rock	Oxd	All	Min	Color	Fract			
					10	10	Qlz	lim	silt		l-gry			Very hard, mgd-fgd.	
					12.4	10	Sh				blk			Phyllitic	
					17.5	10	Qlz		silt		l-gry				
					20	40	Sh				blk			Intc with Ss bre and pah.	
					23.3	40	Qlz (Ss)		silt	Py	grn			23.3-23.7m: Sh	
					31.7	35	Sh			Py	blk			31.7-31.8m: Py-Cu diss 32.6-32.8m: Py-Cu diss 33.9-35.0m: shd	
					35.5		All			Py (Cu)	grn			All (Ss, Sh, Do) mainly fgd Ss	
					44		Ss				grn			Ss: fgd, very hard	
					50.7	30	Sh				blk				
					53.5	30	Cly		cly		blk F			Ss: dolomitic very soft	
					56.4	40	MI		cly		p-gry shd			Dolomitic Ss: mgd, wht grains	
					58.8	40	Sh				blk				
					60		Qlz		silt		l-gry				
					62.8	30	MI				p-gry shd				
					70									MI Ald wht	
					71.0		Ss (Oxz)		silt		l-gry				
					80	55	Sh				blk				
					86	30	MI				l-gry			86.0-86.7m: Ls	
					90		Ss (Oxz)		silt		l-gry				
					98									Cm - Fm St - Fm	

Assays					Depth Symbol					Occurrence					Observations	
Ag (%)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str (m)	Rock	Oxd	All	Min	Color	Fract				
					17	001	005	085	45	107.2	46	Do		cly chl	l-gry l-grn	
					12	003	400	640	31	108	35	Zn-Pb ore		Zn-Pb Py		Pb-Zn ore
					19	015	780	120	62	108	35	Zn-Pb ore		Zn-Pb Py		(Sp-Py-Mcr-Ol-Pb)
					19	001	320	730	55	115.4		Zn-ore		silt Zn-Py d-brn		82m 005 444 797 39
					20	001	340	720	38	120	40	Zn-ore		silt Zn-Py d-brn		Zn massive ore: Zn 40-50%
					10	004	410	377	35	124		Zn-ore		silt Zn-Py d-brn		dendric Py in Sp mix.
					10	003	380	322	44	124		Zn-ore		silt Zn-Py d-brn		(Py, Sp, Gl, Cp, Pb)
					10	009	064	465	74	124		Zn-ore		silt Zn-Py d-brn		
					10	000	096	238	34	124		Zn-ore		silt Zn-Py d-brn		
					10	002	045	210	27	124		Zn-ore		silt Zn-Py d-brn		
					10	005	043	249	38	124		Zn-ore		silt Zn-Py d-brn		
					10	006	128	471	61	124		Zn-ore		silt Zn-Py d-brn		
					10	006	042	518	59	124		Zn-ore		silt Zn-Py d-brn		
					11	005	063	504	51	124		Zn-ore		silt Zn-Py d-brn		
					11	003	246	150	23	124		Zn-ore		silt Zn-Py d-brn		
					12	004	400	126	26	126.8		Zn-ore		silt Zn-Py d-brn		
					19	003	390	400	23	128.3		Zn-ore		silt Zn-Py d-brn		
					18	004	380	240	25	130		Zn-ore		silt Zn-Py d-brn		
					19	006	480	236	27	133.9		Zn-ore		silt Zn-Py d-brn		94m 004 394 1900 25
					49	010	020	590	19	134.9		Al		cly Zn-Py d-gry shd		Av 26.7m 004 316 2269 38
										135.5		Cly		cly		Int. Cu-Pb-Zn-Ag
										139		Sid		cly		
					77	005	098	630	5	140		Sh		cly		
										146.5		Sh		cly		
										150		Ald		cly		
										152		Cly		cly		
										156.4		Do		cly		Core recovery is bad
					41	000	008	077	4	160						
					41	005	075	415	4	164.8		Zn-ore		silt Zn-Py yel		
					19	003	610	2900	41	167		Sh		cly		
					10	001	024	090	9	170		Py-ore		silt Py yel		Massive Py-ore
					41	001	009	235	6	170						
					41	000	010	200	7	177.4		Sh		cly		
										180						
										183.2		Py-ore		silt Py yel		St - Fm
										186.2		Sh		do		Phyllitic
										190						Ct - Fm

Assays					Depth Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str (m)	Rock	Oxd	All	Min	Color	Fract			
					2017		Sh				d-gry				
					2038		MI				p-gry				
					2069		Sh				d-gry			Phyllitic	
					2078		MI				cly			Do vs Phyllitic	
					210		Sh				d-gry			209.2-209.8m: MI	
					214		Ss		silt		l-gry			211.4-211.8m: MI	
					218		Sh				d-gry			Ss: fgd silic hard	
					220									221.1 end	
					230										
					240										
					250										
					260										
					270										
					280										
					290										



LEGEND and ABBREVIATION

10. Rock:	Pebble, sand, clay	Peb	
	Sandstone	Ss	
	Shale	Sh	
	Mari	MI	
	Limestone	Ls	
	Dolomitic limestone	Do-Ls	
	Dolostone	Do	
	Siderite	Sid	
	Quartzite	Qtz	
	Ore, high grade		
	Ore, low grade		
	Pyrite ore	Py	
	Hematite ore	Hm	
	Skarn	Sk	
	Brecciated rock	Brc	
	Altered rock	Ald	
	Fault, fracture	F	
11. Oxidation:	oxidized	oxd	
	limonitized	lim	
12. Alteration:	dolomitization	do	
	calcification	cal	
	argillization	cly	
	silicification	silt	
	sericitization	ser	
13. Mineralization:	Pyrite	Py	Chalcocite
	Pb-minerals	Pb	Chalcocite
	Zn-minerals	Zn	Hematite
	Oxide minerals	Oxd	Magnetite
			Cp
			Cc
			Hm
			Sk
14. Color:	light	l-	gray
	dark	d-	white
	pale	p-	brown
15. Fracture:	Fault	F	
	sheared	shd	
	brecciated	brc	
16. Observations:	dissemination	diss	
	veins	vs	
	veinlets	vis	

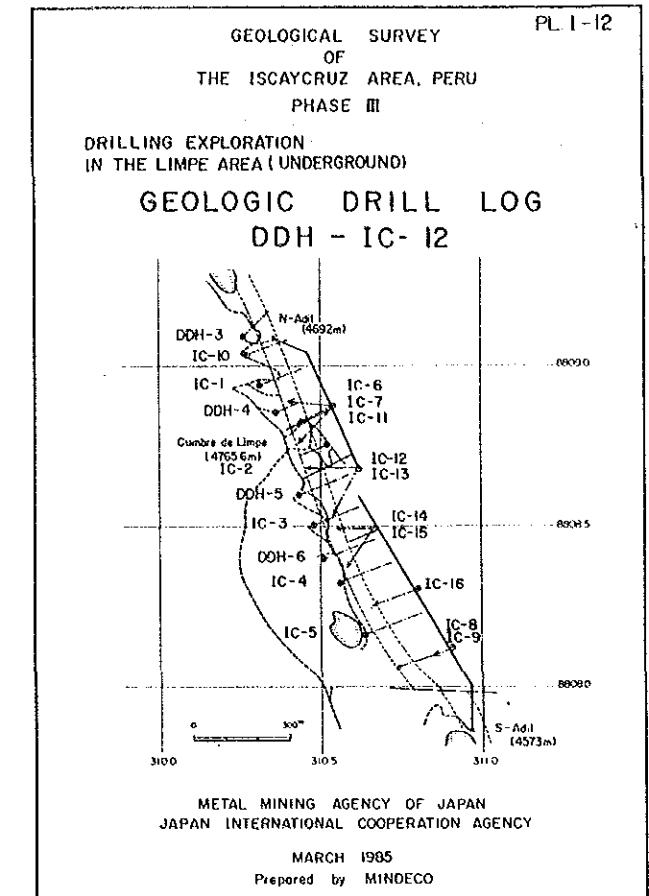
GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT

DDH No. IC-12
Coordinate N 8908.694 Direction 270°
E 310.650 Inclination 45°
Elevation 4,693m Total Depth 220.6m

Assays					Depth/Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Depth (m)	Symbol	Rock	Oxid.	Alter.	Color	Fract.				
					10		Qtz			sil	whl		Qtz : fgd-mgd qt only strong sil very hard		
					20										
					30										
					36.8		MI			clt	p-gr		MI(Md) : banding str		
					38		MI			clt	p-gr		MI(Md)		
					40		Qtz			sil	whl				
					43.5		Alt			clt	p-gr		Alt (Ss, MI) : banding str		
					45.1		MI			clt	d-gr				
					46.1		Qtz			sil	whl				
					50										
					56.6		Sh				blk		Sh : blk, phyllitic 59.0-59.2m : Carbone 60.6-60.9m : Ss		
					60										
					61.8		Qtz			sil	whl				
					63.2		Do				d-gr				
					65.3		Qtz			sil	whl				
					70										
					75.0		Sh				blk shd				
					76.6		Ss			sil	gr				
					77.5		Do				d-gr				
					78.9		MI				p-gr				
					80		MI (Md)								
					83.8		Clt			clt	p-gr shd				
					84.5		Do				blk				
					85.5		MI			clt	p-gr shd		86.5-86.9m : Clt, F 86.9-87.2m : Ss		
					86.2		MI				p-gr				
					89.9		MI (Md)			clt	p-gr		MI (Mudstone) : massive very soft		
					90										
					96.2		Ss			sil	gr		Ss : fgd-mgd, very hard quartzose		

Assays					Depth/Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Depth (m)	Symbol	Rock	Oxid.	Alter.	Color	Fract.				
					10		Do			blk			(Qtz - Sid - Rutile - Py)		
					23	0.01	0.24	1.18	30						Ss with dolomitic parts
					23	0.04	0.08	1.00	30						Sh with dolomitic parts 109.9m : Zn diss, 10cm
					110		LS			col	gr		Col vs		
					112		Ss							MI with Sh and dolomitic parts	
					113.2		MI								
					115.0		Ss			sil	gr				
					119.3		Sh				blk shd				
					120		Ss				gr		Ss dolomitic 122.3m : Zn diss 122.4m and 122.7m : gypsum vs.		
					122.6		Do				d-gr				
					126.0		Ss			sil	l-gr				
					130									CM - Fm	
					130.9		Do			sil	d-gr		St - Fm		
					133.7		Sh				blk				
					134.4		MI				p-gr				
					135.8		Sh				p-gr				
					137.2		MI			do-sil	p-gr				
					140		MI			do-sil	p-gr				
					141.8		MI			do-sil	p-gr shd				
					142.5		Clt			clt	p-gr shd				
					144.8		Alt			clt	blk shd				
					149.3		Alt			sil-clt	Zn d-gr				
					145	0.02	0.35	15.0	15					(Sp - Qt - Sid - Amr) Pb-Zn ore : Pb+Zn 5-15%	
					146.8	0.05	0.15	3.6	2						
					147.4	0.01	3.45	18.0	82						
					149.2	0.02	7.50	20.6	55						
					149.7	0.03	1.65	8.2	86						
					150	0.02	1.08	12.3	20						
					151.4	0.01	1.26	8.0	22						
					152.7	0.01	1.62	3.9	27						
					153.8	0.01	2.55	9.0	44						
					155.8	0.01	1.90	4.5	38						
					156.2	0.01	1.26	4.8	30						
					156.7	0.00	0.77	5.4	41						
					157.2	0.00	1.20	3.9	22						
					158.2	0.01	1.88	1.0	23						
					159.0	0.00	1.50	4.6	19						
					160.6	0.04	2.42	6.3	02					160.6-160.6m - sil-shd	
					161.5	0.01	5.50	12.0	133					(Sp - Gl - Py - Po)	
					161.5	0.01	2.40	37.3	709					Zn mas ore : brn and yel typ Sp (Sp - Gl - Qt - Sid - Chl)	
					161.5	0.04	4.70	40.6	182					Pb+Zn 40-50%	
					161.5	0.09	2.40	39.6	156					(Sp - Gl - Po - Py)	
					161.5	0.62	0.12	16.1	7.3					(Sp - Gl - Py - Gl)	
					161.5	1.78	0.03	84.1	104					(Sp - Cp - Py - Gl)	
					161.5	1.98	0.07	49.0	43.1					(Sp - Cp - Py - Qt)	
					161.5	0.69	0.08	40.4	15.8					Sp : d-gmsh type (Sp - Cp - Py - Gl)	
					161.5	1.04	0.06	56.3	172						
					161.5	0.09	0.07	50.0	136						
					161.5	0.15	0.17	43.0	7.9						
					161.5	0.03	13.50	31.8	64					Pb-Zn mas ore : 40-50% d-brn, brn and yel types. three types of Sp ore observed	
					161.5	0.02	3.00	43.5	67						
					161.5	0.06	1.75	41.8	8.3						
					161.5	0.18	6.80	45.7	22						
					161.5	0.15	1.43	28.8	6.6					140m 0.48 3.23 44.80 153 (Sp - Gl - Py - Cp)	
					161.5	0.04	2.98	20.4	4.5						
					161.5	0.03	4.00	16.8	4.1						
					161.5	0.03	2.60	34.9	3.6						
					161.5	0.06	4.23	28.6	6.2						
					161.5	0.04	0.28	6.0	4					80m 0.06 2.64 21.59 32 (Sp - Gl - Py - Cp - Po)	
					161.5	0.07	4.45	27.0	7						
					161.5	0.00	0.01	0.6	7					Av. 392m 0.19 2.61 24.08 78 (re. Cu, Pb, Zn, Ag, As)	
					161.5	0.02	0.12	3.0	2.0						
					166	0.08	0.05	10.5	2.0						
					182		Do			do-sil	l-gr				
					183		Zn-ore			Zn-Py	d-brn				
					183.5		Sh				blk				
					184.5		Sh			Zn-Py	blk shd				
					186.4		Do			do	d-gr				
					188.2		Sh				blk shd				
					189.0		Sh				blk shd				
					190		Do			do	d-gr				
					190.6		Do			do	d-gr				
					191.8		Sh			do	Py blk				
					193.3		Do			do	gr				
					194.4		LS-Do			do	Py gr				
					195.4		LS			do	gr				
					197.4		Sid			sp-sil	Zn-Py d-brn				
					198		LS			brn	gr				

Assays					Depth/Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Depth (m)	Symbol	Rock	Oxid.	Alter.	Color	Fract.				
					201.0		LS			brn	gr	brn			
					204.2		Do			do	po	d-gr	203.8-204.2m : Sh		
					208.8		Pb-ore			sil	Pb	d-brn			
					210		Blc			brn	d-gr	blk			
					211.6		Sh			brn	do	gr			
					215.0		Sh				Py	d-gr			
					216.3		Py-ore			Sid	Py	yel	Massive Py ore (Sid - Py - Chl - Qt)		
					218.5		Sh				Py	blk	Phyllitic 220.6m end		
					220										
					230										
					240										
					250										
					260										
					270										
					280										
					290										



LEGEND and ABBREVIATION

10. Rock:	Pebble, sand, clay	Peb	
	Sandstone	Ss	
	Shale	Sh	
	Marl	Ml	
	Limestone	Ls	
	Dolomite	Do	
	Dolomitic limestone	Do-Ls	
	Dolostone	Do	
	Siderite	Sid	
	Quartzite	Qtz	
	Ore, high grade		
	Ore, low grade		
	Pyrite ore	Py	
	Hematite ore	Hm	
	Skarn	Sk	
	Brecciated rock	Brc	
	Altered rock	Alt	
	Fault, fracture	F	
11. Oxidation:	oxidized	oxd	
	limonitized	lim	
12. Alteration:	dolomitization	do	

**GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT**

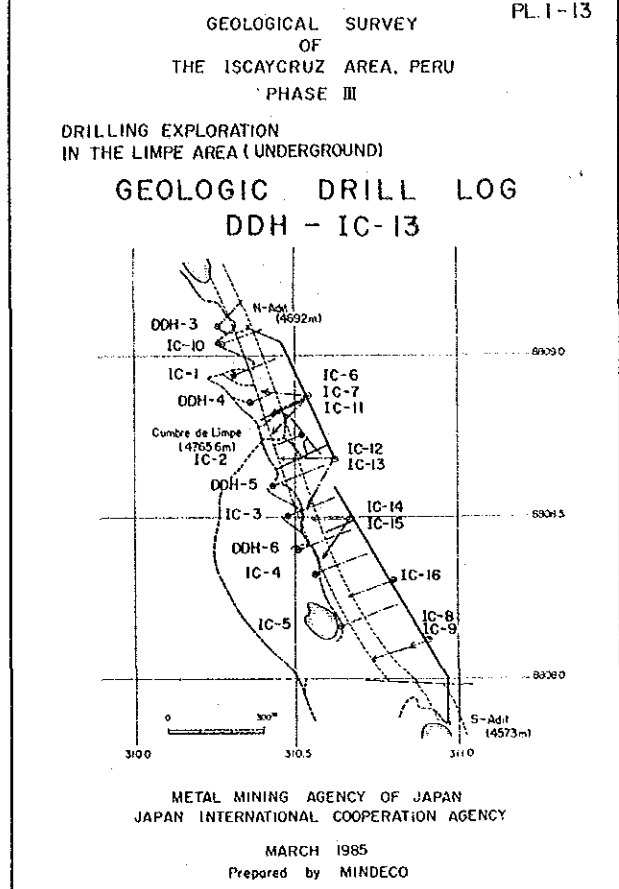
Coordinate N 8808.692 Direction 210°
E 310.654 Inclination -45°
Elevation 4.693m Total Depth 240.6m

DDH No. IC-13

Assays					Depth-Symbol		Occurrence					Observations
Dep. (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep. (m)	Rock	Oxd	All	Min	Color	Fract.	
10					10	Qtz		sil		wht		Qtz : qt grains dominant fgd - mgd very hard
20					20							
24.3					24.3						F	24.3-24.5m : cly
30					30	Qtz		sil		wht	cid	
34					34						F	Sludge
40					40	Qtz		sil		whl	crd	
50					50	MI		cly		whl	shd	
55					55							
57					57	All		cly		p-gry	shd	All (MI - Ss - Do)
59					59	Do		cly		d-gry	shd	
60					60	Qtz	lim	cly		whl	crd	Sludge
63					63	lim					F	
65					65	Qtz	lim	dy		brn	brc	
70					70	tz	lim	sil		brn	crd	
74					74	MI					p-gry	
78					78	MI					p-gry	
80					80	Qtz		sil		whl	l-gry	
83					83	Qtz	lim	brc		brn	brc	
85					85	Qtz (Ss)	lim			whl	F	Qtz : fgd
90					90							
96					96	Sh					Py	blt

Assays					Depth-Symbol		Occurrence					Observations
Dep. (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep. (m)	Rock	Oxd	All	Min	Color	Fract.	
104					104	Ss		cly		Py	gry	
105					105	MI						MI (Mudstone) : massive soft
110					110							
114					114	MI		cly		p-gry	shd	
120					120	MI		cly		p-gry		
123					123	Ss		sil		gry		Ss : sil, mgd
124					124	All		cly		d-gry		Py diss.
126					126	Do-Ss				gry	blt	All (Ss - Do)
130					130	Ss		sil		gry		
133					133	Sh		do		Py	blt	
136					136	MI		do		Py	gry	MI including pure Ls
137					137	Ls				l-gry		
138					138	Do		sid		Py	d-gry	
140					140	Ss		sil		gry		Ss : fgd, sil
142					142	Sh					blt	
145					145	Sh		sil		d-gry		
150					150	Do-Ss		sil		Py	d-gry	
151					151	Do		sid		Py	d-brn	
154					154	Ss		sil		d-gry		Cm - Fm
157					157	Ls				l-gry		St - Fm
159					159	MI				gry		MI including pure Ls
161					161	Ls				l-gry		
163					163	All		do		gry	p-gry	All (MI - Ls - Do - Sh)
165					165	Ald		ch		Hm	d-gry	
170	5.0	0.06	0.02	0.19	170	Py-ore		cly		Py	p-gry	Py clay ore
175	5.0	0.24	0.03	0.26	175	Py-ore		sil		Py	yel	Py massive ore
180					180							
185					185	Ald		cly		Py	gry	Py clay ore
188					188							
190					190	Py-ore		sil		Py	yel	
195					195	Py-ore		cly		Py	yel	Py ore with druses

Assays					Depth-Symbol		Occurrence					Observations
Dep. (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep. (m)	Rock	Oxd	All	Min	Color	Fract.	
200					200	Py-ore		sil		Py	yel	Py massive ore
210					210							
222					222	Sh		cly		Py	yel	
241					241	Py-ore		sil		Py	yel	
266					266	Sh		cly		Py	d-gry	
271					271	Ald		cly		Py	p-gry	
220					220	Py-ore		cly		Py	Hm	shd
221					221							dra
222	1.8	0.04	0.00	0.05	222	Ald		ch		Hm	p-gry	
230	1.3	0.25	0.00	0.47	230	Py-ore		sil		Py	d-gry	
231					231	Sh		cly		Py	blt	shd
235					235	Do		do		Py	p-gry	Wht Sid vs with diss Py
240					240	Ls		do		l-gry		Ls with Sh thin bed 240.6m end



Scale 1 : 200
0 4 8 12 16 20m

LEGEND and ABBREVIATION

10. Rock:	Pebble, sand, clay	Peb	
	Sandstone	Ss	
	Shale	Sh	
	Marl	MI	
	Limestone	Ls	
	Dolomitic limestone	Do - Ls	
	Dolostone	Do	
	Siderite	Sid	
	Quartzite	Qtz	
	Ore, high grade		
	Ore, low grade		
	Pyrite ore	Py	
	Hematite ore	Hm	
	Skarn	Sk	
	Brecciated rock	Brc	
	Altered rock	Ald	
	Fault, fracture	F	
11. Oxidation:	oxidized	oxd	
	limonitized	lim	
12. Alteration:	dolomitization	do	
	calcification	cal	
	argillization	cly	
	silicification	sil	
	sericitization	ser	
13. Mineralization:	Pyrite	Py	
	Pb-minerals	Pb	
	Zn-minerals	Zn	
	Orude minerals	Oxd	
	Chalcopyrite	Cp	
	Chalcoite	Cc	
	Hematite	Hm	
	Magnetite	MI	
14. Color:	light	l-	
	dark	d-	
	pale	p-	
	gray	gry	
	white	whl	
	brown	brn	
15. Fracture:	Fault	F	
	sheared	shd	
	brecciated	brc	
16. Observations:	dissemination	diss	
	veins	vs	
	veinlets	vls	

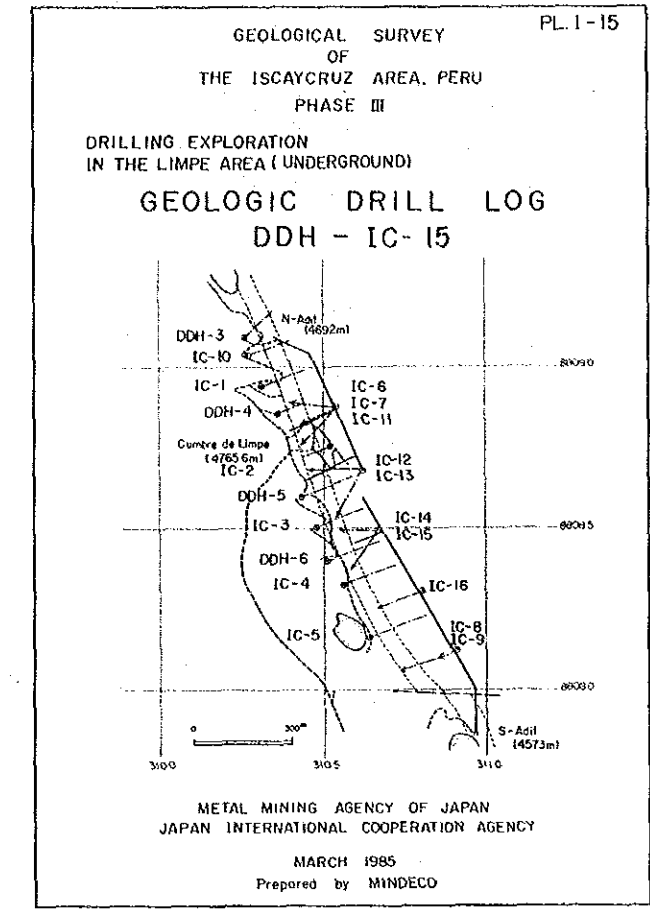
**GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT**

DDH No. **IC-15**
 Coordinate N 8808.496 Direction 220°
 E 310.688 Inclination -36°
 Elevation 4,575m Total Depth 189.4m

Assays					Depth (m)	Symbol	Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	g/g			Rock	Oxid	Alt	Min	Color	
					0							16
					32	40°	MI (Mg)		clt	p-gry	crd	
					44		Do-Ss			grt		MI: massive, soft
					10		MI		clt	p-gry	shd	
					11		MI		do	Py	p-gry	
					16.2		Ss		grt			
					17		Do			Py	blk	
					20		Ss		do	grt		
					21.2		Do					
					21.6		Ss		sil	grt		
					23.8		Do					
					25.1	40°	All		clt	p-gry	shd	All (MI-Do-Sh)
					27.2		Qtz		sil	grt		Qtz: fgd-mgd, sil very hard
					30							
					36.5		MI		clt	d-gry	shd	
					37.8		Tr		sil	grt		39.2m: Zn diss in J
					40	40°	Do-Ss		do	Py	d-gry	Py vs and diss
					41.6		Do-Ss			Py	grt	
					48.5		Ss		sil	grt		Cm-Fm
					51.8	45°	Do			d-gry		Boundary of Cm and St-Fms is transitional
					52.1		Ls			l-gry		53.5-54.3m: Do
					55.4		MI		do-sil	p-gry		
					56.6		MI		clt-ch	Hm	p-gry	shd
					57.9		MI		clt	Py	shd	
20.006	0.01	0.009		6	60	40°	Cu-Py		sil	Py	yel	Py massive ore
20.015	0.002	0.015		15	61.6		Py-ore			Py	yel	Py siliceous ore
20.013	0.001	0.004		15	64.5		Py-ore			Py	yel	Py massive ore
					66.7		Py-ore		sil	Py	yel	Py massive ore
					70	40°	Py-ore			Py	yel	66.8m: Cc diss in druse
					74.2		Py-ore		sil	Py	yel	
					77.0		Py-ore			Py	yel	Py massive ore
					80	35°	Py-ore					
					83.0		Py-ore		sil	Cc	Eng	Py siliceous ore
					90		Py-ore		sil	Py	yel	84.9-85.4m: Enerigte Cp 8%
32.013	0.002	0.014		15	93.2		MI-ore		clt	Sp	whl	
40.007	0.001	0.001		15	97.9		Py-Cu		st-clt	Cc-Py	yel	
14.015	0.001	0.014		50	98.0		Cu-Py		sil-ch	Cc-Py	yel	

Assays					Depth (m)	Symbol	Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	g/g			Rock	Oxid	Alt	Min	Color	
					100.2	77°	A					
					102.5		A					
					103.4		A					
					107.7	40°	Ls		col	l-gry		105.8m Zn-Cu diss
					110							107.4-107.7m: Sh
					118.0	40°	Sh					Col vs
					120		Ls					
					122.0		Sh		sil	blk		
					123.0	45°	Ls					126.2-126.8m: Col v
					130							126.8-130.5m: Brc
					133.0	40°	Do		do-sil	Zn-Py	p-gry	
					134.5		Sh					135.1-135.3m: 20cm Zn ore 15%
					135.1		Ls		do	Zn	l-gry	
					136.0		Ls		do	Zn	l-gry	137.6-140.0m: Zn diss 4%
29.003	0.021	2.71	18	140		Py-Py		sil	Py	d-yel	138.8m: Pb-Zn-porch	
29.004	0.024	2.48	20	143.8		Py-Py		ore	Py-Zn			
12.012	0.002	0.31	20	143.8		Do		do	Zn-Py	brc	Zn diss ore in brc Do	
				145.0		All			d-gry	brc	Alt (Sh-MI-Ls)	
				147.2	45°	Ls						
				150								
				150.0		Sh		clt		shd	St-Fm	
				156.9		Ls					Cz-Fm	
				160		Sh		col	blk		Calc Sh	
				162.8	40°	Ls						
				166.6		Sh					Calc Sh	
				169.8		Alt (Ls)			Py	l-gry	Alt (Ls-Sh-MI)	
				170		Alt (Sh)				d-gry	Alt (Sh-MI-Ls)	
				171.4		Sh			Py	blk		
				178.5	50°	Ls						
				180		Col-Sh					180.4m end	

Assays					Depth (m)	Symbol	Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	g/g			Rock	Oxid	Alt	Min	Color	
					210							
					220							
					230							
					240							
					250							
					260							
					270							
					280							
					290							



GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT

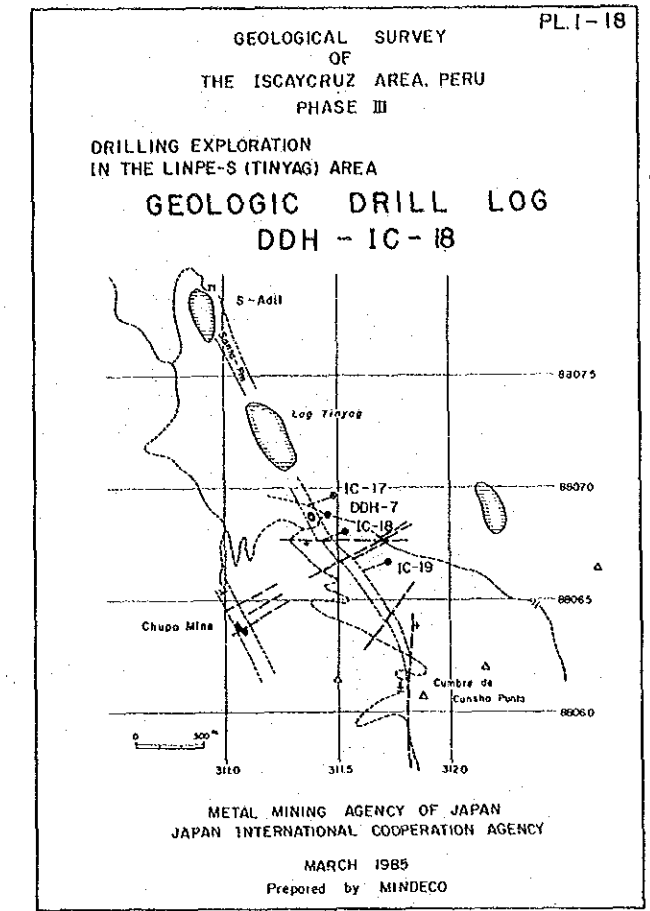
Coordinate N 8906.900 Direction 250°
E 311.530 Inclination -50°
Elevation 4.680m Total Depth 200.5m

DDH No. **IC-18**

Assays					Depth		Occurrence					Observations	
Ag (%)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color		Fract
					10	10	Qtz	lim	all	(Py)	wh		Fgd-mgd, very hard
					53-58m								sludge
					327	327	Ml	lim	clt	(Py)	p-brn	cid	327-329m: Clt Massive, soft
					349-351m								Clt
					384-388m								Clt
					404-407m								Clt
					532-556m								Lim strong, cly
					724-726m								Sh ?
					76-78m								Sid ? silic
					82-83m								Sid ? silic
					94								
					96								
					98								
					99								
					104								
					106								
					108								
					110								
					112								
					114								
					116								
					118								
					120								
					122								
					124								
					126								
					128								
					130								
					132								
					134								
					136								
					138								
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					174								
					176								
					178								
					180								
					182								
					184								
					186								
					188								
					190								
					192								
					194								
					196								
					198								
					200								

Assays					Depth		Occurrence					Observations	
Ag (%)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color		Fract
19.040	0.01	0.00	13.00	5	102.3		Alt		clt	Py	d-gr		Tremolite SK
10.039	0.01	0.01	25.50	3	102.8		Zn-Py		wh	Py	wh		Zn-Py ore: Zn 20-30%
10.306	0.02	0.02	34.60	14	103.7		Zn-Py		wh	Zn-Py	wh		Sp is massive
10.109	0.01	0.01	31.80	8	104.5		ore		wh	Py	wh		Py diss in Sp
10.046	0.00	0.00	29.80	6	107.9		Alt			Py	d-gr		90m 090 001 2689 9
10.051	0.01	0.01	22.90	10	107.9		Alt			Zn	wh		1028-1082m: shd
10.032	0.01	0.01	20.80	10	107.9		Alt			Zn	wh		
10.077	0.01	0.01	39.00	10	107.9		Alt			Zn	wh		
10.078	0.00	0.00	32.00	10	110.0		Zn-Py		wh	Zn-Py	d-gr		Tremolite SK
10.075	0.00	0.00	34.40	10	110.0		Zn-Py		wh	Zn-Py	d-gr		
16.024	0.03	0.03	5.25	4	114.0		Alt		clt	Py-Zn	d-gr		
16.019	0.00	0.00	8.00	4	114.0		Alt		clt	Ml	d-gr		
13.048	0.01	0.01	16.62	7	115.5		Alt		clt	Ml-Py	p-yl		
11.171	0.01	0.01	1.09	14	116.4		Alt		clt	Ml	blk		
16.028	0.04	0.04	6.00	6	116.4		Alt		clt	Zn-Ml	d-br		
11.051	0.01	0.01	29.33	13	122.2		Zn-Py		wh	Py	d-wt		
11.036	0.01	0.01	11.68	8	122.2		Zn-Py		wh	Py	d-wt		
10.420	0.01	0.01	28.83	10	122.2		Zn-Py		wh	Py	d-wt		
10.118	0.00	0.00	14.50	4	122.2		Zn-Py		wh	Py	d-wt		
13.244	0.00	0.00	17.50	8	124.2		Py-ore		clt	Py	d-yl		X 127m 097 001 1224 7
13.058	0.01	0.01	0.22	6	126.6		Py-ore		clt	Py	d-yl		(Py, Sp, Cp, Cc)
					126.6								X 26.6m 132 001 1979 8
					130								Int. Cu, Pb, Zn, Ag
					131								X excluded of Non-core part 2.0m. St-Fm
					133								
					135								
					137								
					139								
					141								
					143								
					145								
					147								
					149								
					151								
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					177								
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					183								
					185								
					187								
					189								
					191								
					193								
					195								
					197								
					199								
					200								

Assays					Depth		Occurrence					Observations	
Ag (%)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Dep (m)	Str. (m)	Rock	Oxd	Alt	Min	Color		Fract
					210								
					220								
					230								
					240								
					250								
					260								
					270								
					280								
					290								



LEGEND and ABBREVIATION

10. Rock:	Pebble, sand, clay	Peb	
	Sandstone	Ss	
	Shale	Sh	
	Mart	Ml	
	Limestone	Ls	
	Dolomitic limestone	Do - Ls	
	Dolostone	Do	
	Siderite	Sid	
	Quartzite	Qtz	
	Ore, high grade		
	Ore, low grade		
	Pyrite ore	Py	
	Hematite ore	Hm	
	Schorn	Sch	
	Brecciated rock	Brc	
	Altered rock	Alt	
	Fault, fracture	F	
11. Oxidation:	oxidized	oxd	
	limonitized	lim	
12. Alteration:	dolomitization	do	
	calcification	cal	
	argillization	clt	
	silicification	sil	
	sericit		

**GEOLOGIC DRILL LOG
ISCAYCRUZ PROJECT**

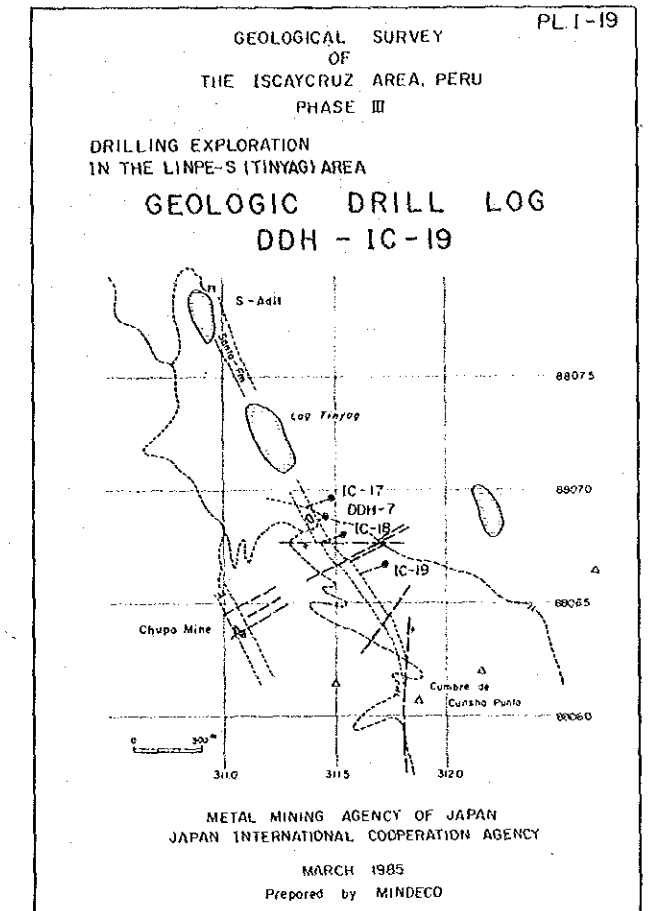
Coordinates N 8806.740 Direction 250°
E 311.630 Inclination -50°
Elevation 4,694m Total Depth 203.6m

DDH No. IC-19

Assays					Depth Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Dep (m)	Cor (m)	Sym	Str (m)	Rock	Oxid	Alt	Min	Color	Fract	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
									Qtz	lim	sil		whi		Qtz: mgs, very hard
					10										
					20										
					23.5				Qtz	lim	sil		whi		Qtz Intc. with Sh thin beds
					28.0				Ml	lim	clt		p-brn		
					30				Qtz	lim	sil		whi		
					39.0				Alt (Sk)	clt			l-gry		Alt (Sk): Ml
					40.8				Ml	lim	clt		p-brn		40.4-40.5m: crd
					42				Qtz	lim	sil		whi		44.2m: Qtz-Lim v
					50										
					50.6				Qtz	lim	sil		d-brn	crd	50.6-50.9m: brn cly F
					55.6				Clt		clt		p-gry	shd	
					56.6				Ml		clt		p-brn		Ml: massive, soft
					58.8				Qtz	lim	sil		red-brn	crd	
					60				Qtz	lim	sil		whi		
					63.3				Qtz		sil		whi		
					67.6				Qtz	lim	sil		red-brn	crd	
					70								whi		
					78.5				Qtz	lim	sil		d-brn	crd	
					80										
					81.0										
					90				Ml	lim	clt		p-brn		
					96								p-gry		
															95.9-96.1m: cly F
									Qtz	lim	sil		whi	drs	96.4-96.7m: cly F

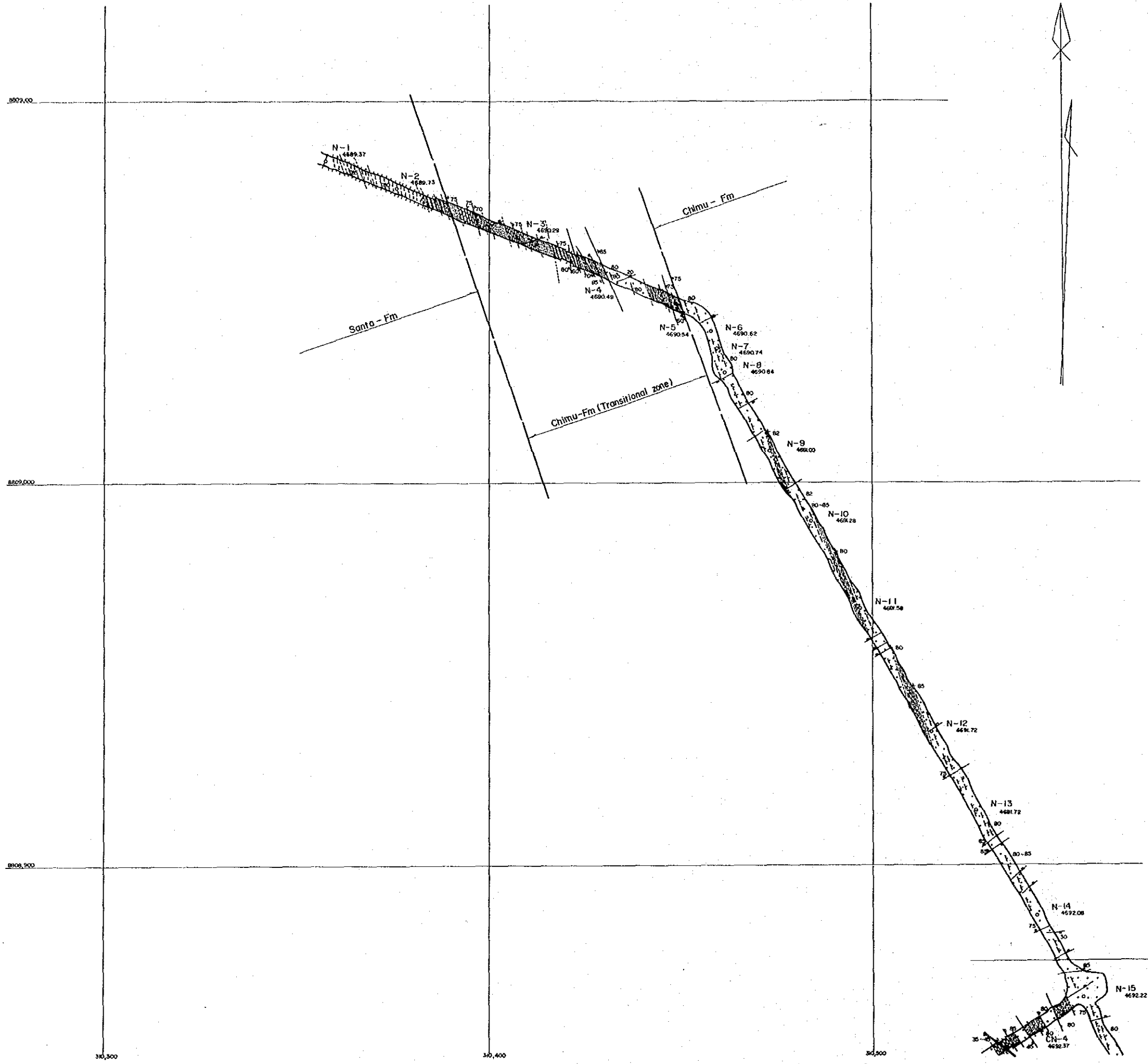
Assays					Depth Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Dep (m)	Cor (m)	Sym	Str (m)	Rock	Oxid	Alt	Min	Color	Fract	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
					104.8				Qtz	lim	sil		Py	d-brn	crd
					106.0				Ss		clt		d-brn		
					110				Qtz		sil		Py	whi	
					120										
					121.0										
					125.9				Ss	lim	sil		Py	whi	Ss (Qtz): fgd
					127.6										Cm - Fm
					130										
					140										
					144.0				Ald	lim	clt		brn	frc	
					147.6								whi	F	
5	0.06	0.3	0.8	38	149.0				Gos	lim			brn	frc	
					150				Ald		clt		Py	shd	St - Fm
					156.4				Ald	lim	clt		Py	p-gry	
					156.4						clt		sk		156.4m: Zn patch
					156.4						sil				
					157						clt		p-brn	F	
					160										
					160.6										
					163.7										
					164.3										
					165.0										
					165.5										
					167.7										
					168.7										
					170										
					173.9										
					178.2										
					180										
					182										
					187.2										
					190										
					192										
					193.9										
					197.0										
					199.0										
					203.6										

Assays					Depth Symbol					Occurrence					Observations
Ag (%)	Cu (%)	Pb (%)	Zn (%)	As (ppm)	Dep (m)	Cor (m)	Sym	Str (m)	Rock	Oxid	Alt	Min	Color	Fract	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
					210										
					220										
					230										
					240										
					250										
					260										
					270										
					280										
					290										



LEGEND and ABBREVIATION

10. Rock	Pebble, sand, clay	Peb	
	Sandstone	Ss	
	Shale	Sh	
	Marl	Ml	
	Limestone	Ls	
	Dolomitic limestone	Do - Ls	
	Dolostone	Do	
	Siderite	Sid	
	Quartzite	Qtz	
	Ore, high grade		
	Ore, low grade		
	Pyrite ore	Py	
	Hematite ore	Hm	
	Skarn	Sk	
	Brecciated rock	Brc	
	Altereg rock	Ald	
	Fault, fracture	F	
11. Oxidation	oxidized	oxd	
	limonitized	lim	
12. Alteration	dolomitization	do	
	calcification	cal	
	argillization	arg	
	silicification	sil	
	sericitization	ser	
13. Mineralization	Pyrite	Py	Chalcopyrite Cp
	Pb-minerals	Pb	Chalcocite Cc
	Zn-minerals	Zn	Hematite Hm
	Oxide minerals	Oxa	Magnetite Mt
14. Color	light	l-	gray grs
	dark	d-	white wht
	pale	p-	brown drn
15. Fracture	Fault	F	
	sheared	shd	
	brecciated	brc	
16. Observations	dissemination	dis	
	veins	vs	
	veinlets	vis	



PL. II-1-1

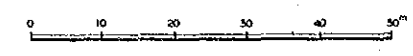
GEOLOGICAL SURVEY
OF
THE ISCAYGRUZ AREA, PERU
PHASE III

UNDERGROUND EXPLORATION
IN THE LIMPE AREA

**GEOLOGICAL COMPILED MAP
ADIT - N (I)**

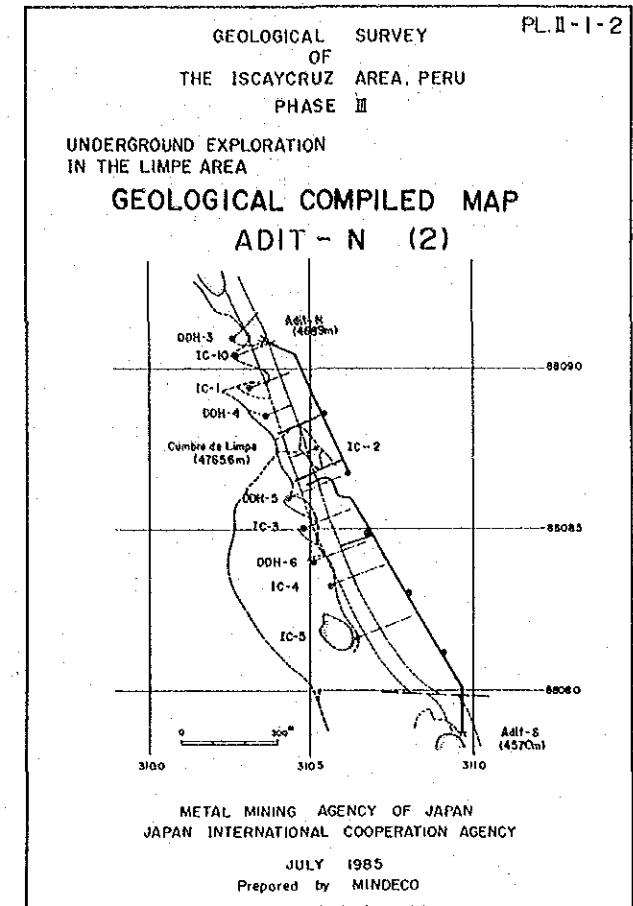
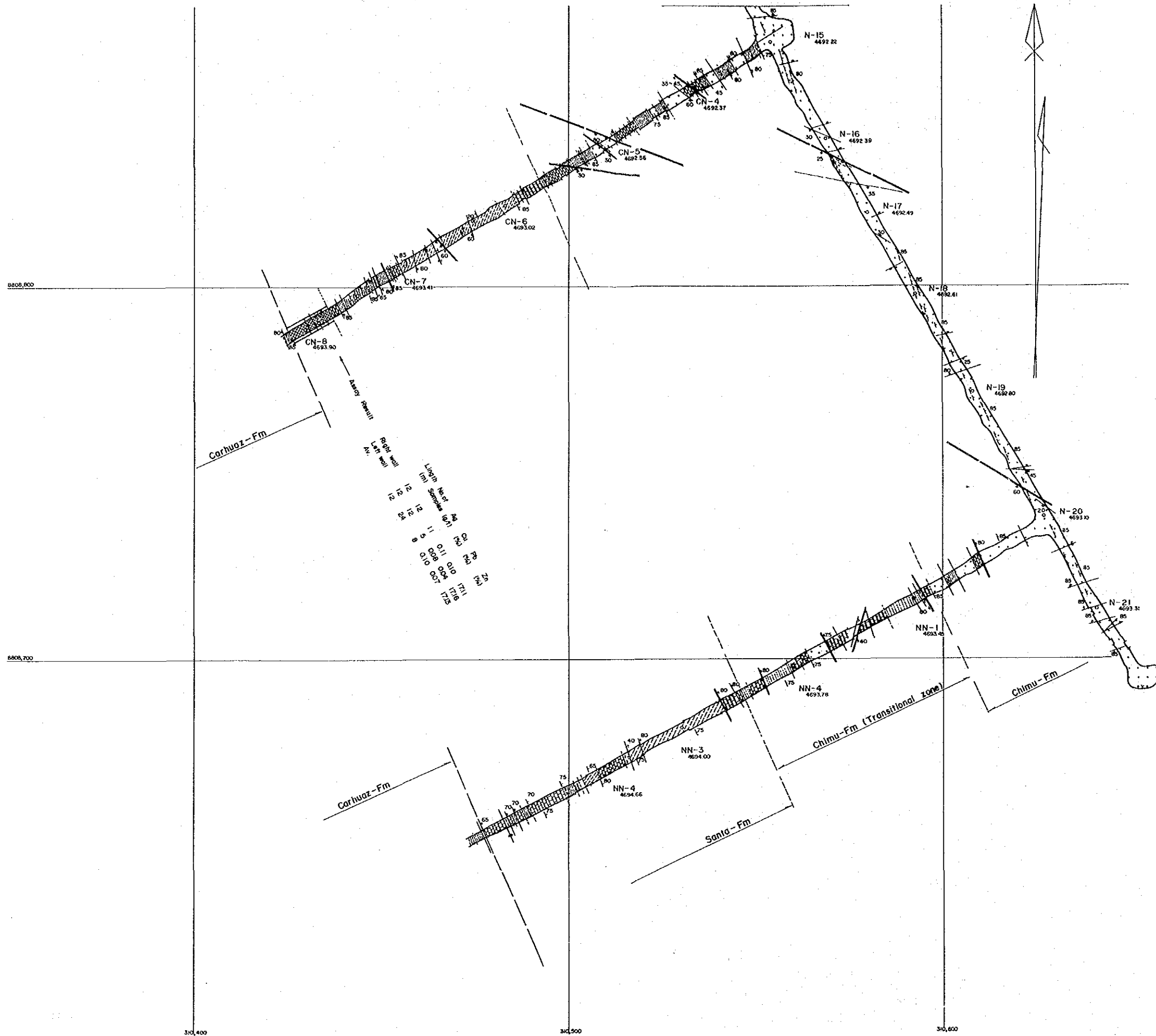
METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

JULY 1985
Prepared by MINDECO



LEGEND

Pebble, sand, clay	Peb	
Sandstone	Ss	
Shale	Sh	
Marl	Ml	
Limestone	Ls	
Dolomitic limestone	Do-Ls	
Dolostone	Do	
Siderite	Sid	
Quartzite	Qtz	
Ore, high grade		
Ore, low grade		
Pyrite ore	Py	
Hematite ore	Hm	
Skarn	Sk	
Brecciated rock	Brc	
Altered rock	Ald	
Sheared zone	Shd	
Fault	F	
Fracture and joint	J	
Bedding		



PL II-2-1

GEOLOGICAL SURVEY
OF
THE ISCAYCruz AREA, PERU
PHASE III

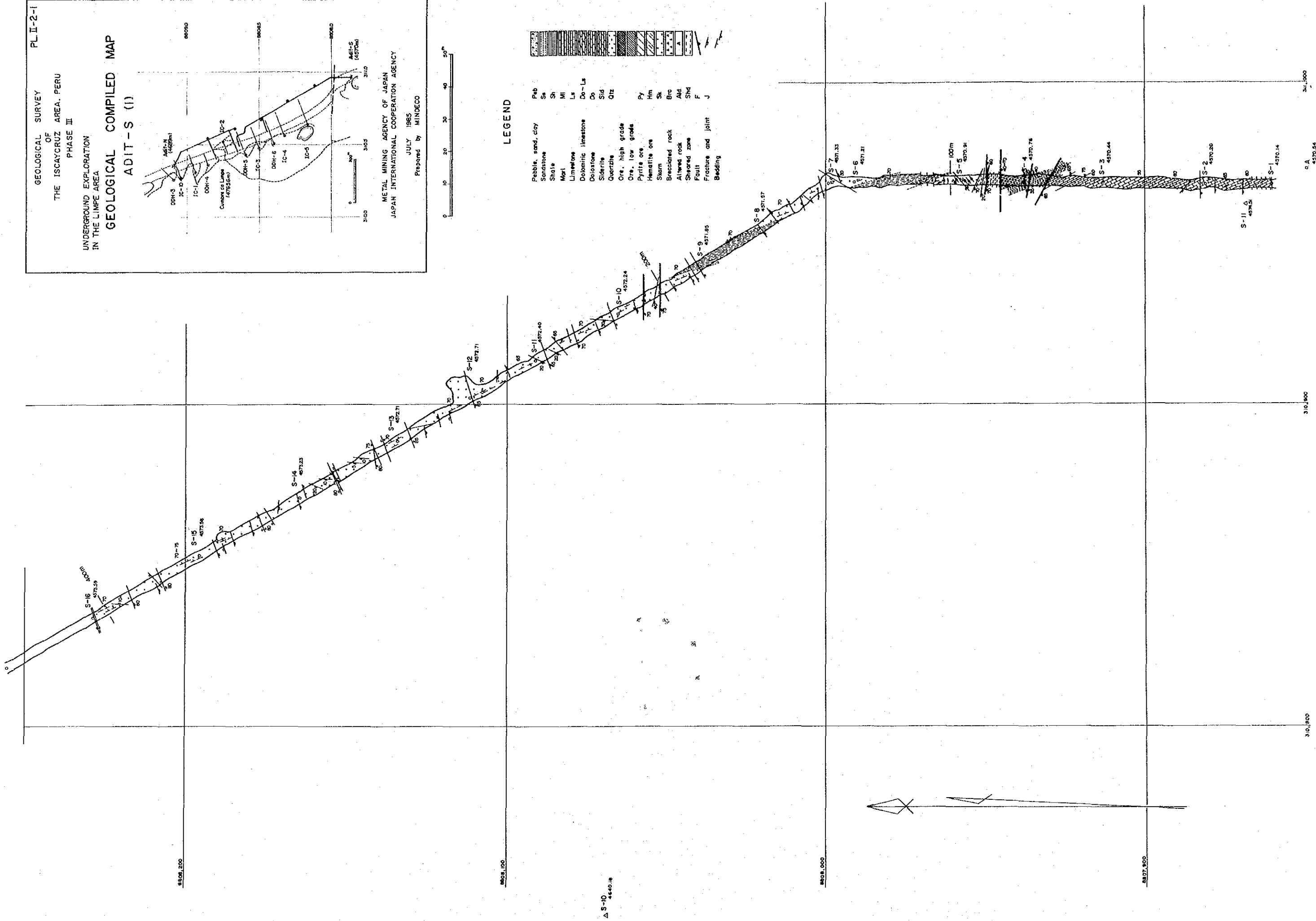
UNDERGROUND EXPLORATION
IN THE LIMPE AREA

GEOLOGICAL COMPILED MAP
ADIT-S (I)

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY
JULY 1985
Prepared by MINDECO

LEGEND

<p>Pebbles, sand, clay Sandstone Shale Marl Limestone Dolomitic limestone Dolostone Siderite Quartzite Ore, high grade Ore, low grade Pyrite ore Hematite ore Sulfur Brecciated rock Altered rock Sheared zone Fault Fracture and joint Bedding</p>		<p>Peb Sa Sh Ml Ls Do-Ls Do Sid Qtz Py Hm Sk Br Alr Shd F J</p>
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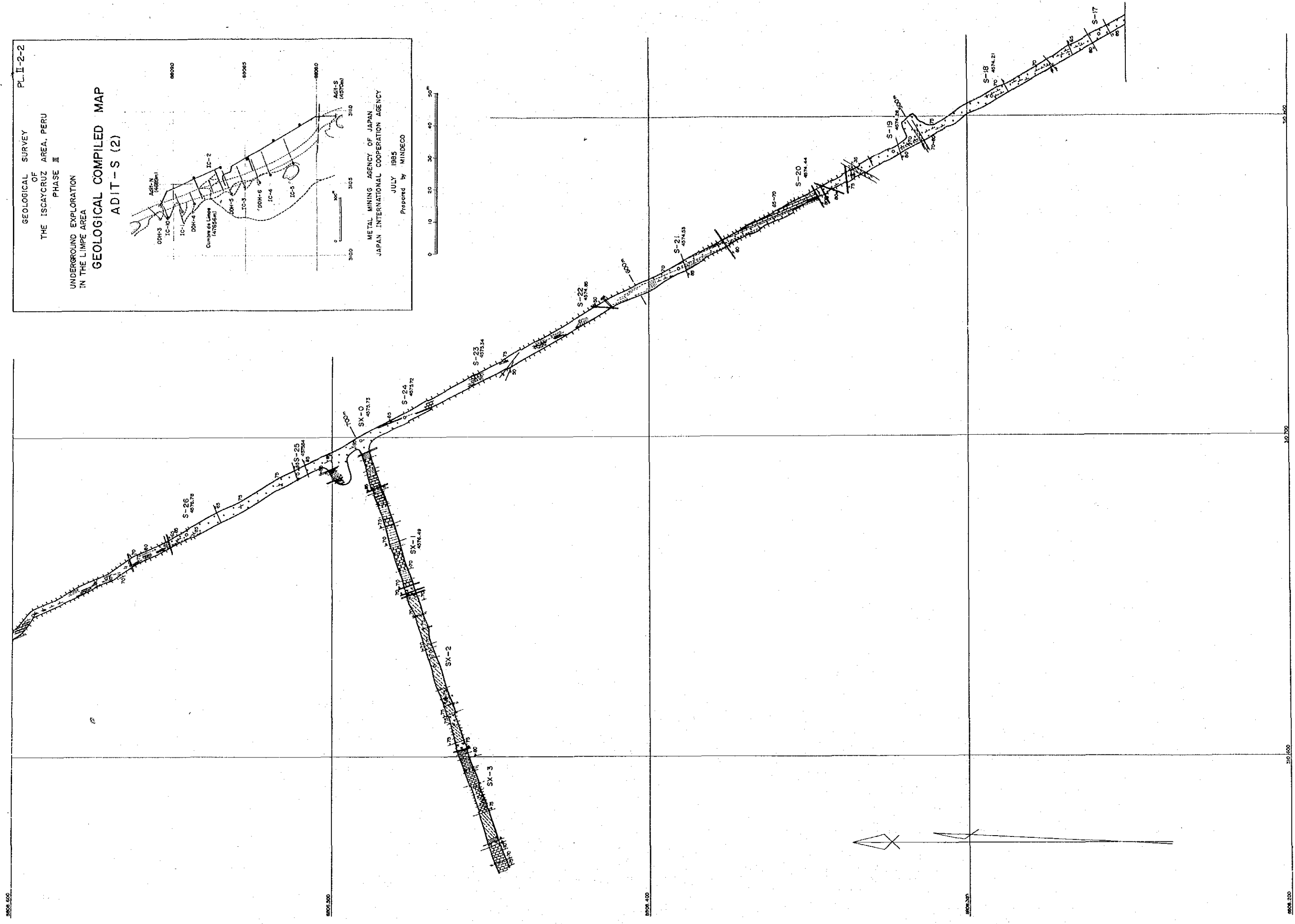
PL.II-2-2

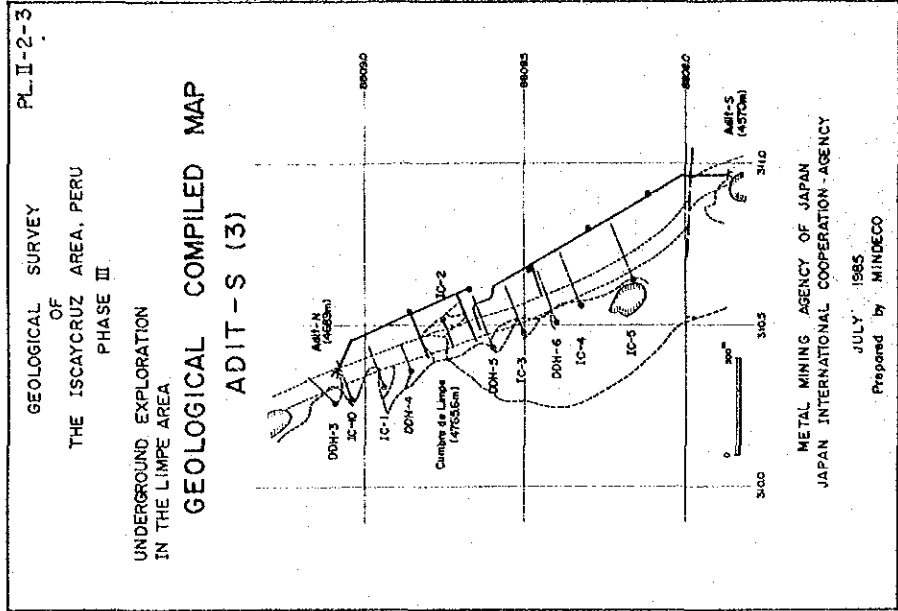
GEOLOGICAL SURVEY
OF
THE ISCAYCruz AREA, PERU
PHASE III

UNDERGROUND EXPLORATION
IN THE LIMPE AREA

**GEOLOGICAL COMPILED MAP
ADIT - S (2)**

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY
JULY 1985
Prepared by MINDECO





LEGEND

